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INFORMATION HANDOUT

MATERIALS INFORMATION

SITE INVESTIGATION REPORT

ROUTE: 04-Sol-80-0.0/R28.4

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PRELIMINARY SITE INVESTIGATION REPORT

PREPARED FOR:
CALIFORNIA DEPARTMENT OF TRANSPORTATION
DISTRICT 4
OFFICE OF ENVIRONMENTAL ENGINEERING
111 GRAND AVENUE, MS8C
OAKLAND, CA 94612

PREPARED BY:
GEOCON CONSULTANTS, INC.
6671 BRISA STREET
LIVERMORE, CA 94550

GEOCON PROJECT No. E8560-06-16
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REPORT LIMITATIONS

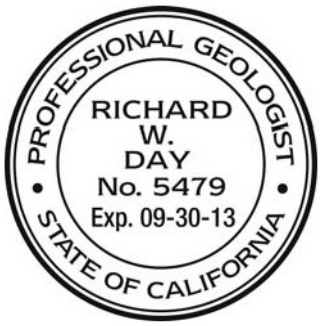
This report has been prepared exclusively for the State of California Department of Transportation (Caltrans) District 4. The information contained herein is only valid as of the date of the report and will require an update to reflect additional information obtained.

This report is not a comprehensive site characterization and should not be construed as such. The findings as presented in this report are predicated on the results of the limited sampling and laboratory testing performed. In addition, the information obtained is not intended to address potential impacts related to sources other than those specified herein. Therefore, the report should be deemed conclusive with respect to only the information obtained. We make no warranty, express or implied, with respect to the content of this report or any subsequent reports, correspondence or consultation. Geocon strived to perform the services summarized herein in accordance with the local standard of care in the geographic region at the time the services were rendered.

The contents of this report reflect the views of the author who is responsible for the facts and accuracy of the data presented herein. The contents do not necessarily reflect the official views or policies of the State of California or the Federal Highway Administration. This report does not constitute a standard, specification, or regulation.

GEOCON CONSULTANTS, INC.

Luann Beadle Sr. Staff Scientist	Richard Day, CEG, CHG Senior Geologist



CALIFORNIA DEPARTMENT OF TRANSPORTATION – DISTRICT 4
OFFICE OF ENVIRONMENTAL ENGINEERING

Reviewed By:	Recommended By:	Approved By:
Rowena Hollis, PE Task Order Manager	Chris Wilson, PE District Branch Chief	Allen Baradar, PE, REA District Office Chief

PROJECT TEAM

Contact	Affiliation	Responsibility
Romy Fuentes, PE 510.622.8803 510.622.0198 fax romy_f_fuentes@dot.ca.gov	Caltrans – District 4 Consultant Services 111 Grand Avenue, MS7B Oakland, California 94612	Contract Manager
Rowena Hollis 510.286.5540 510.286.5642 fax rowena_hollis@dot.ca.gov	Caltrans – District 4 Environmental Engineering 111 Grand Avenue, MS8C Oakland, California 94612	Task Order Manager
Richard Day, CEG, CHG Luann Beadle 925.371.5900 925.371.5915 fax livermore@geoconinc.com	Geocon Consultants, Inc. 6671 Brisa Street Livermore, CA 94550 *(Caltrans Consultant)*	Project Management Sample Collection Field QA/QC Investigation Report
Doug Krause, CIH 530.758.6397 530.758.6506 fax dskrause@pacbell.net	Krause & Associates 216 F. Street Suite 162 Davis, CA 95616 (*Geocon Subconsultant*)	Health and Safety
Diane Galvan 562.989.4045 562.989.4040 fax diane@atlglobal.com	Advanced Technology Laboratories 1510 E. 33rd Street Signal Hill, CA 90807 *(Geocon Subcontractor)*	Soil Sample Analysis

PRELIMINARY SITE INVESTIGATION REPORT

1.0 INTRODUCTION

This Preliminary Site Investigation Report for Interstate 80 (I-80) Freeway Performance Initiative Project in Solano County, California was prepared by Geocon Consultants, Inc. under California Department of Transportation (Caltrans) Contract No. 04A3578 and Task Order No. 16 (TO-16), EA 04-153501.

1.1 Project Description and Proposed Improvements

The project location consists of Caltrans right-of-way (ROW) along an approximately 28-mile section of I-80 from the Contra Costa County line to the junction of I-80 and SR-505 in Solano County. Caltrans proposes to install ramp metering systems at 27 existing eastbound and westbound non-metered on-ramps. Four changeable message signs (CMS), 29 closed-circuit television cameras (CCTV), and 92 traffic monitoring stations will be installed as part of the equipment for the Traffic Operations System (TOS). Additionally, five of the on-ramps will be widened to provide for high-occupancy vehicle (HOV) preferential lanes, and 2 on-ramps will be widened to provide mixed-flow lanes. Thirty-five maintenance vehicle pullouts (MVPs) will also be installed. The project location is depicted on the attached Vicinity Map, Figure 1.

1.2 General Objectives

The purpose of the site investigation was to evaluate concentrations of CAM 17 metals, including aerially-deposited lead (ADL), hexavalent chromium, and soil pH in near surface soil; and to evaluate concentrations of total petroleum hydrocarbons as gasoline (TPHg), as diesel (TPHd), and as motor oil (TPHmo), benzene, toluene, ethylbenzene and xylenes (BTEX), methyl tertiary-butyl ether (MTBE) in deeper soil and groundwater at proposed CMS locations within the project boundaries.

The information obtained from this investigation will be used by Caltrans to evaluate soil reuse/disposal options, groundwater handling requirements, and worker health and safety.

2.0 BACKGROUND

2.1 Hazardous Waste Determination Criteria

Regulatory criteria to classify a waste as California hazardous for handling and disposal purposes are contained in the CCR, Title 22, Division 4.5, Chapter 11, Article 3, §66261.24. Criteria to classify a waste as Resource, Conservation, and Recovery Act (RCRA) hazardous are contained in Chapter 40 of the Code of Federal Regulations (40 CFR), Section 261.

For waste containing metals, the waste is classified as California hazardous when: 1) the representative total metal content equals or exceeds the respective Total Threshold Limit Concentration (TTLC); or 2) the representative soluble metal content equals or exceeds the respective Soluble Threshold Limit Concentration (STLC) based on the standard Waste Extraction Test (WET). A waste has the potential of exceeding the STLC when the waste's total metal content is greater than or equal to ten times the respective STLC value since the WET uses a 1:10 dilution ratio. Hence, when a total metal is detected at a concentration greater than or equal to ten times the respective STLC, and assuming that 100 percent of the total metals are soluble, soluble metal analysis is required. A material is classified as RCRA hazardous, or Federal hazardous, when the representative soluble metal content equals or exceeds the Federal regulatory level based on the Toxicity Characteristic Leaching Procedure (TCLP).

The above regulatory criteria are based on chemical concentrations. Wastes may also be classified as hazardous based on other criteria such as ignitability and corrosivity; however, for the purposes of this investigation, toxicity (i.e., representative lead concentrations) is the primary factor considered for waste classification since waste generated during the construction activities would not likely warrant testing for ignitability or other criteria. Waste that is classified as either California hazardous or RCRA hazardous requires management as a hazardous waste.

2.2 DTSC Variance

The DTSC issued a statewide Variance effective July 1, 2009, regarding the management of ADL-impacted soils within Caltrans right-of-way. Under the Variance, soil that is classified as a non-RCRA hazardous waste, based primarily on ADL content, may be suitable for reuse within Caltrans right-of-way. ADL soil that is classified as a RCRA hazardous waste is not eligible for reuse under the Variance and must be disposed of as a RCRA hazardous waste (Caltrans Type Z-3).

ADL soil reused under the Variance must always be at least five feet above the highest groundwater elevation and, depending on lead concentrations, must be covered with at least one foot of non-hazardous soil or a pavement structure. The ADL soil may not be placed in areas where it might contact groundwater or surface water (such as streams and rivers), and must be buried in locations that are protected from erosion that may result from storm water run-on and run-off.

Review of the statewide Variance indicates the following conditions regarding the reuse and management of ADL-impacted soil as fill material for construction and maintenance operations. If ADL soil meets the Variance criteria but is not intended to be reused within Caltrans right-of-way, then the excavated soil must be disposed of as a California hazardous waste (Caltrans Type Z-2). A copy of the Variance is presented as Appendix A.

Caltrans Type Y-1: ADL soil exhibiting a total lead concentration less than or equal to 1,411 milligrams per kilogram (mg/kg), a DI-WET (WET using deionized water as extractant) lead concentration less than or equal to 1.5 milligrams per liter (mg/l), and a pH value greater than or equal to 5.5 may be reused within the same Caltrans corridor and must be covered with at least one foot of non-hazardous soil.

Caltrans Type Y-2: ADL soil exhibiting a total lead concentration less than or equal to 1,411 mg/kg, a DI-WET lead concentration less than or equal to 1.5 mg/l, and a pH value greater than 5 and less than 5.5 may be reused within the same Caltrans corridor and must be covered and protected from infiltration by a pavement structure.

ADL soil exhibiting a total lead concentration less than or equal to 1,411 mg/kg, a DI-WET lead concentration greater than 1.5 mg/l and less than or equal to 150 mg/l, and a pH value greater than 5 may be reused within the same Caltrans corridor and must be covered and protected from infiltration by a pavement structure.

ADL soil exhibiting a total lead concentration greater than 1,411 mg/kg and less than or equal to 3,397 mg/kg, a DI-WET lead concentration less than or equal to 150 mg/l, and a pH value greater than 5 may be reused within the same Caltrans corridor and must be covered and protected from infiltration by a pavement structure.

Caltrans Type Z-2: ADL soil exhibiting a total lead concentration greater than 3,397 mg/kg, a DI-WET lead concentration greater than 150 mg/l, or a pH value less than or equal to 5 is not eligible for reuse under the Variance and must be disposed of as a California hazardous waste.

Caltrans Type Z-3: ADL soil exhibiting a TCLP lead concentration greater than or equal to 5 mg/l is not eligible for reuse under the Variance and must be disposed of as a RCRA hazardous waste.

2.3 Environmental Screening Levels

The San Francisco Bay Regional Water Quality Control Board (SFRWQCB) has prepared a technical report entitled *Screening For Environmental Concerns At Sites With Contaminated Soil and Groundwater, Interim Final* (May 2008), which presents Environmental Screening Levels (ESLs) for soil, groundwater, soil gas, and surface water, to assist in evaluating sites impacted by releases of hazardous chemicals. The ESLs are conservative values for more than 100 commonly detected contaminants, which may be used to compare with environmental data collected at a site. ESLs are strictly risk assessment tools and "not regulatory cleanup standards." The presence of a chemical at concentrations in excess of an ESL does not necessarily indicate that adverse impacts to human health

or the environment are occurring; this simply indicates that a potential for adverse risk may exist and that additional evaluation is or "may be" warranted (SFRWQCB, 2008).

Residential and commercial/industrial land use ESLs are commonly used by contractors, soil trucking companies, and private and commercial land owners as default acceptance criteria to evaluate suitability of import soil material. The most conservative ESL table was used for comparative purposes: Table A – Shallow Soil (≤3 meters below ground surface; bgs) – Groundwater is a Current or Potential Source of Drinking Water. The respective ESLs are listed at the end of Tables 4 through 7.

3.0 SCOPE OF SERVICES

The scope of services performed under TO-16, EA 04-153501 included the following:

3.1 Pre-field Activities

- Conducted pre-work site visits on December 16 and 21, 2011.
- Prepared the *Health and Safety Plan*, dated December 2011.
- Retained the services of Advanced Technology Laboratories (ATL), a Caltrans-approved and California-certified analytical laboratory, to perform the chemical analyses of soil samples.
- Retained the services of Lane Safety Co., Inc. to provide traffic control during field operations.
- Notified Underground Service Alert (USA) at least 48 hours prior to field work.

3.2 Field Activities

The field investigation was performed between December 22, 2011, and January 20, 2012, by Geocon staff (David Watts, Christopher Merritt, Luann Beadle, Chris Giuntoli, Mike O'Brien, and Julio Esquivel). The following field activities were performed during the sampling efforts:

- Advanced 515 soil borings at the project location using hand-auger and direct-push techniques. The borings were advanced to a maximum depth of 22 feet.
- Collected 1,185 soil samples for total lead analysis.
- Collected 508 soil samples for selected analysis of CAM 17 metals.
- Collected 35 samples for hexavalent chromium analysis.
- Collected 1 soil sample for TPHd, TPHmo, TPHg, MTBE, and BTEX analyses.
- Collected 175 soil samples for pH analysis.
- Collected 1 groundwater sample for total lead analysis.
- Collected 1 groundwater sample for TPHd, TPHmo, TPHg, MTBE and BTEX analyses.
- Transported samples to ATL for analysis under standard chain-of-custody (COC) documentation.

4.0 INVESTIGATIVE METHODS

4.1 Sampling Procedures

Soil samples were collected from 515 boring locations identified by the Caltrans TO Manager. Boring locations are shown on the Site Plan (Figures 2 to 2-32) and were identified in the field by Geocon using Differential Global Positioning System (DGPS) equipment. Coordinates for the boring locations are presented in Table 1. The approximate stationing for MVP, CCTV, and CMS locations were provided by the TO Manager and are listed in Table 2.

Borings were advanced using hand auger equipment or a direct-push drill rig using a stainless steel core-barrel sampler lined with an acetate sample tube. The soil samples for analysis of CAM 17 metals, hexavalent chromium, TPH, BTEX, and MTBE were collected in new stainless steel or plastic tubes sealed with Teflon tape and plastic end-caps or in new clean glass jars and sealed. Soil samples for total lead analysis were collected into new resealable plastic bags. Groundwater samples were collected into new glass jars or vials. Sample containers were sealed, labeled, placed in an ice-filled cooler as necessary, and transported to ATL using standard COC documentation. Soil borings were backfilled to the surface with excess soil cuttings or neat cement grout.

Geocon provided QA/QC procedures during the field activities. These procedures included washing the sampling equipment with a Liqui-Nox® solution followed by a double rinse with deionized water. Decontamination water was disposed of to the ground surface within Caltrans right-of-way in a manner not to create runoff, away from drain inlets or potential water bodies.

4.2 Laboratory Analyses

Laboratory analyses were performed by ATL under standard and expedited 48-hour turnaround-times (TAT). The laboratory reports and COC documentation are included in Appendix B.

The soil samples were analyzed as follows:

- 1,185 samples for total lead using Environmental Protection Agency (EPA) Test Method 6010B.
- 508 samples for CAM 17 metals according to Title 22 CCR, EPA Test Methods 6010 ICAP and 7471A.
- 35 samples for hexavalent chromium using EPA Test Method 7196A.
- 440 samples with total lead concentrations equal to or exceeding 50 mg/kg (i.e., equal to or exceeding ten times the STLC of 5.0 mg/l) were further analyzed for WET lead.
- 152 samples with WET lead concentrations exceeding the STLC of 5.0 mg/l were further analyzed for DI-WET lead.

- 76 samples with a total lead concentration over 300 mg/kg and WET lead values above 5.0 mg/l were further analyzed for TCLP lead using EPA Method 1311.
- 1 sample with total barium concentrations equal to or exceeding 1,000 mg/kg (i.e., equal to or exceeding ten times the STLC value of 100 mg/l) was further analyzed for WET barium.
- 26 samples with total chromium concentrations equal to or exceeding 50 mg/kg (i.e., equal to or exceeding ten times the STLC of 5.0 mg/l) were further analyzed for WET chromium.
- 36 samples with total mercury concentrations equal to or exceeding 2.0 mg/kg (i.e., equal to or exceeding ten times the STLC value of 0.2 mg/l) were further analyzed for WET mercury.
- 9 samples analyzed for WET mercury were further analyzed for TCLP mercury.
- 3 samples with total nickel concentrations equal to or exceeding 200 mg/kg (i.e., equal to or exceeding ten times the STLC value of 20 mg/l) were further analyzed for WET nickel.
- 1 sample for TPHd, TPHmo, and TPHg using EPA Test Method 8015B.
- 1 sample for BTEX and MTBE using EPA Test Method 8021.
- 175 samples were analyzed using EPA Test Methods 9045C for pH.

The groundwater sample was analyzed as follows:

- 1 sample was analyzed for total lead according to Title 22 CCR, EPA Test Method 6010B.
- 1 sample was analyzed for TPHd, TPHmo, and TPHg using EPA Test Method 8015B.
- 1 sample was analyzed for BTEX and MTBE using EPA Test Method 8021.

4.3 Laboratory QA/QC

QA/QC procedures were performed for each method of analysis with specificity for each analyte listed in the test method's QA/QC. The laboratory QA/QC procedures included the following:

- One method blank for every ten samples, batch of samples or type of matrix, whichever was more frequent.
- One sample analyzed in duplicate for every ten samples, batch of samples or type of matrix, whichever was more frequent.
- One spiked sample for every ten samples, batch of samples or type of matrix; whichever was more frequent, with spike made at ten times the detection limit or at the analyte level.

Prior to submitting the samples to the laboratory, the COC documentation was reviewed for accuracy and completeness.

5.0 INVESTIGATIVE RESULTS

5.1 Subsurface Conditions

Observations during field activities indicated that surface soil at the project location generally consists of loose sand and gravel near the soil surface, denser fine-grained materials from 1 to 7 feet, and moist clay and fine-grained materials below 7 feet. Groundwater was encountered at a depth of 11.5 feet in boring E-CM3 and samples were collected for analyses.

5.2 Laboratory Analytical Results

The analytical results are found in Tables 3 to 7 and are summarized below:

For the soil samples:

- Beryllium or silver were not detected above their respective laboratory reporting limits.
- Total lead was reported at concentrations ranging from less than the laboratory reporting limit of 1.0 mg/kg (<1.0) to 3,100 mg/kg.
- WET lead was reported at concentrations ranging from <0.5 to 440 mg/l.
- DI-WET lead was reported at concentrations ranging from <0.5 to 1.9 mg/l.
- TCLP lead was detected in 27 of the 76 samples analyzed, with reported concentrations ranging from 0.52 to 11 mg/l.
- Total barium was reported at concentrations ranging from 5.9 to 1,000 mg/kg.
- WET barium was reported at a concentration of 13 mg/l in the single sample analyzed.
- Total chromium was reported at concentrations ranging from <5.0 to 260 mg/kg.
- WET chromium was not detected at or above the laboratory reporting limit of 1.0 mg/l.
- Total mercury was reported at concentrations ranging from <0.10 mg/kg to 35 mg/l.
- WET mercury was not detected at or above the reporting limit of 1.0 mg/l.
- TCLP mercury was reported at concentrations of <0.20 and 1.2 mg/l.
- Total nickel was reported at concentrations ranging from <5.0 to 280 mg/kg.
- WET nickel was reported at concentrations ranging from 1.2 to 2.5 mg/l.
- Remaining CAM 17 metals and hexavalent chromium were reported in the samples at total concentrations below ten times their respective STLCs.
- TPHd, TPHmo, TPHg, BTEX, or MTBE were not detected at or above the laboratory reporting limits.

For the groundwater sample from E-CM3:

- TPHd, TPHmo, BTEX, or MTBE were not detected at or above the laboratory reporting limits.
- TPHg was reported at a concentration of 0.06 mg/l.
- Total lead was reported at a concentration of 0.82 mg/l.

5.3 Laboratory Quality Assurance/Quality Control

We reviewed the QA/QC results provided with the laboratory analytical reports. The data indicate non-detect results for the method blanks at or above reporting limits. Dilution was necessary for several samples due to elevated analyte concentrations, and eleven samples were diluted due to failing internal standard in the original run. At the request of Caltrans and Geocon, samples W-R37-Q4-2.5 (G79-2.5), W-R37-R4-2.5 (G83-2.5), W-R37-S2-0 (G85-0), W-R37-S2-2.5 (G85-2.5), and W-R37-T4-2.5 (G91-2.5) were re-analyzed to achieve lower detection limits. The Matrix Spike (MS) and/or Matrix Spike Duplicate (MSD) were outside recovery criteria for multiple samples, possibly due to matrix interference. The relative percent differences (RPD) for MS/MSD were outside of recovery limits for multiple samples; therefore, the calculation was based on raw values. The data was validated by Laboratory Control Samples (LCS). Remaining samples and internal laboratory QA/QC samples showed acceptable recoveries and relative percent differences (RPDs). Based on this limited data review, no additional qualifications of the soil data are necessary, and the data are of sufficient quality for the purposes of this report.

5.4 Statistical Evaluation for Lead Detected in Soil Samples

Statistical methods were applied to the total lead data to evaluate: 1) the upper confidence limits (UCLs) of the arithmetic means of the total lead concentrations for each sampling depth; and 2) if an acceptable correlation between total and WET lead concentrations exists that would allow the prediction of WET lead concentrations based on calculated UCLs. The lead data for the site were divided into 76 sample populations for statistical evaluation. A summary of datasets is included in Table 1.

5.4.1 Calculating the UCLs for the Arithmetic Mean

The upper one-sided 90% and 95% UCLs of the arithmetic mean are defined as the values that, when calculated repeatedly for randomly drawn subsets of site data, equal or exceed the true mean 90% and 95% of the time, respectively. Statistical confidence limits are the classical tool for addressing uncertainties of a distribution mean. The UCLs of the arithmetic mean concentration are used as the mean concentrations because it is not possible to know the true mean due to the essentially infinite number of soil samples that could be collected from a site. The UCLs therefore account for

uncertainties due to limited sampling data. As data become less limited at a site, uncertainties decrease, and the UCLs move closer to the true mean.

Non-parametric bootstrap techniques were used to calculate the UCLs. For those samples in which total lead was not detected, a value equal to one-half of the detection limit was used in the UCL calculation. The bootstrap test results are included in Appendix C. The calculated UCLs and statistics for the datasets are presented in Tables 8 to 15d and Appendix C.

5.4.2 Correlation of Total and WET Lead

Total and corresponding WET lead concentrations are bivariate data with a linear structure. This linear structure should allow for the prediction of WET lead concentrations based on the calculated UCL total lead concentrations.

To estimate the degree of interrelation between total and corresponding WET lead values (x and y, respectively), the *correlation coefficient [r]* is used. The correlation coefficient is a ratio that ranges from +1 to –1. A *correlation coefficient* of +1 indicates a perfect direct relationship between two variables; a *correlation coefficient* of –1 indicates that one variable changes inversely with relation to the other. Between the two extremes is a spectrum of less-than-perfect relationships, including zero, which indicates the lack of any sort of linear relationship at all. The *correlation coefficient* was calculated for the following six sample population groups:

- MVP, CCTV, and CMS Locations (“MV”, “CC”, and “CM” borings)
- Route 37 to Westbound (WB) I-80 (“W-R37” and “W-R37-L” borings) [Datasets 5 and 8]
- Alamo Drive to WB I-80 (“W-ALAM” borings) [Dataset 55]
- Cliffside Drive to Eastbound (EB) I-80 (“E-CLIF” borings) [Dataset 65]
- I-505 to WB I-80 (“W-505-L” and “W-505” borings) [Datasets 72 and 73]
- Nut Tree Parkway/Orange Drive to EB I-80 (“E-NUT” borings) [Dataset 76]

The resulting *coefficient of determination* (r^2) values yield corresponding *correlation coefficient* (r) that indicate a linear relationship between total and WET lead concentrations. A *correlation coefficient* greater than or equal to 0.8 is an acceptable indicator that a correlation exists. It is possible to compute the line of dependence or a best-fit line between the two variables. A least squares method was used to find the equation of a best-fit line (regression line) by forcing the y-intercept equal to zero since that is a known point. The equation of the regression line is *y =slope of regression line (x)*, where x represents total lead concentrations and y represents predicted WET lead concentrations. The following table summarizes the *correlation coefficient (r)* and equation of regression line calculations for the sample groups:

SAMPLE POPULATION	CORRELATION COEFFICIENT (r)	EQUATION OF REGRESSION LINE
MVP, CCTV, AND CMS	0.8415	y=0.0542x
W-R37 AND W-R37-L	0.81	y=0.0451x
W-ALAM	0.8913	y=0.0741x
E-CLIF	0.9595	y=0.0769x
W-505-L AND W-505	0.8265	y=0.0393x
E-NUT	0.8586	y=0.0362x

This equation was used to estimate the expected WET lead concentrations for the total lead UCLs for the data set (see Section 5.4.1). Regression analysis results and scatter plots depicting the (x, y) data points along with the regression lines are included in Appendix C. The predicted WET lead concentrations are summarized in Tables 8 through 15d and Appendix C.

6.0 CONCLUSIONS

Waste classifications are evaluated based on the 90% UCL of the lead content for the relevant excavation depths; this has historically been considered sufficient to satisfy a good faith effort by the EPA as discussed in SW-846. Risk assessment characterization is based on the 95% UCL of the lead content in the waste for the relevant depths; this is in accordance with the Risk Assessment Guidance for Superfund (RAGS) Volume 1 Documentation for Exposure Assessment. Per Caltrans, the 90% UCLs are to be used to evaluate onsite reuse and the 95% UCLs are to be used to evaluate offsite disposal.

6.1 Lead in Soil

6.1.1 MVP, CCTV, and CMS Locations ("MV", "CC", and "CM")

The predicted waste classifications for excavated soil based on the calculated total lead UCLs and predicted WET lead concentrations for data collected from the MVP, CCTV, and CMS areas are discussed below. For sample areas with insufficient sample populations, maximum lead values were used to predict WET lead concentrations. The predicted waste classifications for the MVP, CCTV, and CMS datasets are summarized below and in Table 8:

Non-hazardous

Soil excavated from the following locations would be considered non-hazardous based on total and predicted WET lead content:

- E-CC4 (Dataset 7)
- W-MV3C-LOOP (Dataset 9)
- E-MV3B (Dataset 10)
- W-CC5 (Dataset 12)
- W-CC6 (Dataset 14)
- W-CM1 (Dataset 16)
- E-MV5-AME (Dataset 17)
- W-CC7 (Dataset 19)
- W-CC8 (Dataset 20)
- E-CC9 (Dataset 21)
- E-CM2 (Dataset 22)
- W-CC10 (Dataset 23)
- E-CC11 (Dataset 25)
- E-MV11 (Dataset 26)
- W-CC12 (Dataset 28)
- W-MV12 (Dataset 29)

- E-MV13 (Dataset 30)
- E-CC13 (Dataset 31)
- E-CC14 (Dataset 32)
- E-MV14 (Dataset 33)
- E-CC15 (Dataset 35)
- W-CC16 (Dataset 36)
- E-CC17 (Dataset 37)
- E-CC18 (Dataset 40)
- E-CC19 (Dataset 41)
- E-CC20-TEX (Dataset 42)
- E-CC22 (Dataset 47)
- E-MV21 (Dataset 48)
- W-MV24 (Dataset 49)
- W-CC23 (Dataset 50)
- W-CC24 (Dataset 53)
- W-CC25 (Dataset 57)
- E-CC26 (Dataset 59)
- E-MV28 (Dataset 61)
- E-CC27 (Dataset 62)
- E-CM4-CLIF (Dataset 63)
- E-MV30-LOOP (Dataset 66)
- W-CC28 (Dataset 67)
- W-MV29 (Dataset 68)
- E-MV31 (Dataset 69)
- W-MV-MONTE (Dataset 70)
- W-CC29 (Dataset 71)
- E-MV32 (Dataset 74)
- E-CC30 (Dataset 75)

Hazardous to 0.5 foot

Soil excavated from the following locations would be considered hazardous to a depth of 0.5 foot based on predicted WET lead content:

- E-CC2 (Dataset 3)
- W-CC21 (Dataset 44)

Soil excavated to a depth of 0.5 foot would be classified as a California hazardous waste since the predicted WET lead concentration for each area is greater than the lead STLC of 5.0 mg/l. Based on the TCLP lead results, excavated soil would not be classified as a RCRA hazardous waste. Based on the reported DI-WET and pH results, soil excavated to a depth of 0.5 foot may be reused onsite (as

Caltrans Type Y-1) in accordance with the DTSC Variance by placing the excavated soil under clean fill or pavement. Underlying soil (i.e., deeper than 0.5 foot) would be considered non-hazardous based on lead content.

Hazardous to 1.0 foot

Soil excavated from the following locations would be considered hazardous to a depth of 1.0 foot based on predicted WET lead content:

- E-MV1-TEN (Dataset 1)
- W-MV2-RED (Dataset 4)
- E-MV3 (Dataset 6)
- E-MV3A (Dataset 11)
- W-MV4 (Dataset 13)
- W-MV6-AME (Dataset 15)
- W-MV7A (Dataset 18)
- W-MV9 (Dataset 24)
- E-MV15 (Dataset 34)
- E-MV16 (Dataset 38)
- E-MV17 (Dataset 39)
- W-MV19A-TEX (Dataset 43)
- W-MV20 (Dataset 45)
- W-MV-21 (Dataset 46)
- W-MV23 (Dataset 51)
- E-MV22 (Dataset 52)
- W-MV25 (Dataset 54)
- W-MV26A (Dataset 56)
- E-MV26B (Dataset 58)
- E-MV27A (Dataset 60)
- W-MV28A (Dataset 64)

Soil excavated to a depth of 1.0 foot would be classified as a California hazardous waste since the predicted WET lead concentration for each area is greater than the lead STLC of 5.0 mg/l. Based on the TCLP lead results, excavated soil would not be classified as a RCRA hazardous waste. Based on the reported DI-WET and pH results, soil excavated to a depth of 1.0 foot may be reused onsite (as Caltrans Type Y-1) in accordance with the DTSC Variance by placing the excavated soil under clean fill or pavement. Underlying soil (i.e., deeper than 1.0 foot) would be considered non-hazardous based on lead content.

Hazardous to 1.5 feet

Soil excavated from the following location would be considered hazardous to a depth of 1.5 feet based on predicted WET lead content:

- E-CM3 (Dataset 27)

Soil excavated to a depth of 1.5 feet would be classified as a California hazardous waste since the predicted WET lead concentration for this area is greater than the lead STLC of 5.0 mg/l. Based on the TCLP lead results, excavated soil would not be classified as a RCRA hazardous waste. Based on the reported DI-WET and pH results, soil excavated to a depth of 1.5 feet may be reused onsite (as Caltrans Type Y-1) in accordance with the DTSC Variance by placing the excavated soil under clean fill or pavement. Underlying soil (i.e., deeper than 1.5 feet) would be considered non-hazardous based on lead content.

Hazardous to 4.0 feet

Soil excavated from the following location would be considered hazardous to a depth of 4.0 feet based on predicted WET lead content:

- E-CC1-TEN (Dataset 2)

Soil excavated to a depth of 4.0 feet would be classified as a California hazardous waste since the predicted WET lead concentration for this area is greater than the lead STLC of 5.0 mg/l. Based on the TCLP lead results, excavated soil would not be classified as a RCRA hazardous waste. Based on the reported DI-WET and pH results, soil excavated to a depth of 4.0 feet may be reused onsite (as Caltrans Type Y-1) in accordance with the DTSC Variance by placing the excavated soil under clean fill or pavement. Underlying soil (i.e., deeper than 4.0 feet) would be considered non-hazardous based on lead content.

6.1.2 Route 37 to WB I-80 – Right Shoulder ("W-R37") [Dataset 5]

The following sub-sections present the predicted waste classification for excavated soil based on distance from edge of pavement (EOP) and the calculated total lead UCLs and predicted WET lead concentrations. Waste classifications soil profiles for all EOP distances are included in Appendix C.

0 to 3 feet from EOP

The following table summarizes the predicted waste classification for excavated soil based on the calculated weighted averages of the total lead UCLs and predicted WET lead concentrations for data collected between EOP to a lateral distance of 3 feet from EOP. Weighted averages are calculated by using the total lead concentration for each 0.5-foot depth interval as the value for the underlying 0.5-foot depth interval (unless a sample was collected from the underlying depth interval). The total and WET lead calculations are summarized below and in Table 9a.

Excavation Depth	90% UCL Total Lead (mg/kg)	90% UCL Predicted WET Lead (mg/l)	95% UCL Total Lead (mg/kg)	Waste Classification
0 to 0.5 ft	158.1	**7.1**	170.0	**Hazardous**
Underlying soil (0.5 to 3.0 ft)	*4.0*	*0.2*	*4.4*	*Non-hazardous*
0 to 1.5 ft	55.5	2.5	59.8	Non-hazardous
Underlying soil (1.5 to 3.0 ft)	*3.8*	*0.2*	*4.2*	*Non-hazardous*
0 to 2.5 ft	34.9	1.6	37.6	Non-hazardous
Underlying soil (2.5 to 3.0 ft)	*3.5*	*0.2*	*3.8*	*Non-hazardous*
0 to 3.0 ft	*29.7*	*1.3*	*32.0*	Non-hazardous

90% UCL applicable for waste classification and onsite reuse; 95% UCL applicable for risk assessment and offsite disposal

Based on the data presented in the above table, soil excavated to a depth of 0.5 foot would be classified as a California hazardous waste since the 90% UCL-predicted WET lead concentration is greater than the lead STLC of 5.0 mg/l. Based on the TCLP lead results, excavated soil would not be classified as a RCRA hazardous waste. Based on the reported DI-WET and pH results, soil excavated from 0 to 0.5 foot may be reused onsite (as Caltrans Type Y-1) in accordance with the DTSC Variance by placing the excavated soil under clean fill or pavement. Underlying soil (i.e., deeper than 0.5 foot) would be classified as non-hazardous.

If excavations extend to 1.5 feet or deeper and soil is managed as a whole, excavated soil would be classified as non-hazardous based on lead content.

3 to 6 feet from EOP

The following table summarizes the predicted waste classification for excavated soil based on the calculated weighted averages of the total lead UCLs and predicted WET lead concentrations for data collected between a lateral distance of 3 to 6 feet from EOP. Weighted averages are calculated by using the total lead concentration for each 0.5-foot depth interval as the value for the underlying 0.5-foot depth interval (unless a sample was collected from the underlying depth interval). The total and WET lead calculations are summarized below and in Table 9b.

Excavation Depth	90% UCL Total Lead (mg/kg)	90% UCL Predicted WET Lead (mg/l)	95% UCL Total Lead (mg/kg)	Waste Classification
0 to 0.5 ft	211.8	**9.6**	233.0	**Hazardous**
Underlying soil (0.5 to 3.0 ft)	*52.1*	*2.4*	*57.4*	*Non-hazardous*
0 to 1.5 ft	89.4	4.0	98.0	Non-hazardous
Underlying soil (1.5 to 3.0 ft)	*68.0*	*3.1*	*75.3*	*Non-hazardous*
0 to 2.5 ft	72.0	3.2	78.8	Non-hazardous
Underlying soil (2.5 to 3.0 ft)	*112.3*	***5.1***	*126.0*	***Hazardous***
0 to 3.0 ft	*78.7*	*3.6*	*86.7*	Non-hazardous

90% UCL applicable for waste classification and onsite reuse; 95% UCL applicable for risk assessment and offsite disposal

Based on the data presented in the above table, soil excavated to a depth of 0.5 foot would be classified as a California hazardous waste since the 90% UCL-predicted WET lead concentration is greater than the lead STLC of 5.0 mg/l. Based on the TCLP lead results, excavated soil would not be classified as a RCRA hazardous waste. Based on the reported DI-WET and pH results, soil excavated from 0 to 0.5 foot may be reused onsite (as Caltrans Type Y-1) in accordance with the DTSC Variance by placing the excavated soil under clean fill or pavement. Underlying soil (i.e., deeper than 0.5 foot) would be classified as non-hazardous.

If excavations extend to 1.5 feet or deeper and soil is managed as a whole, excavated soil would be classified as non-hazardous based on lead content.

6 to 9 feet from EOP

The following table summarizes the predicted waste classification for excavated soil based on the calculated weighted averages of the total lead UCLs and predicted WET lead concentrations for data collected between a lateral distance of 6 to 9 feet from EOP. Weighted averages are calculated by using the total lead concentration for each 0.5-foot depth interval as the value for the underlying 0.5-foot depth interval (unless a sample was collected from the underlying depth interval). The total and WET lead calculations are summarized below and in Table 9c.

Excavation Depth	90% UCL Total Lead (mg/kg)	90% UCL Predicted WET Lead (mg/l)	95% UCL Total Lead (mg/kg)	Waste Classification
0 to 0.5 ft	48.2	2.2	52.4	Non-hazardous
Underlying soil (0.5 to 3.0 ft)	*43.3*	*2.0*	*47.1*	*Non-hazardous*
0 to 1.5 ft	30.7	1.4	32.7	Non-hazardous
Underlying soil (1.5 to 3.0 ft)	*57.6*	*2.6*	*63.3*	*Non-hazardous*
0 to 2.5 ft	40.9	1.8	44.2	Non-hazardous
Underlying soil (2.5 to 3.0 ft)	*60.3*	*2.7*	*66.9*	*Non-hazardous*
0 to 3.0 ft	*44.2*	*2.0*	*48.0*	Non-hazardous

90% UCL applicable for waste classification and onsite reuse; 95% UCL applicable for risk assessment and offsite disposal

Based on the data presented in the above table, excavated soil would be classified as non-hazardous based on lead content.

Greater than 9 (>9) feet from EOP

The following table summarizes the predicted waste classification for excavated soil based on the calculated weighted averages of the total lead UCLs and predicted WET lead concentrations for data collected at a lateral distance of >9 feet from EOP. Weighted averages are calculated by using the total lead concentration for each 0.5-foot depth interval as the value for the underlying 0.5-foot depth interval (unless a sample was collected from the underlying depth interval). The total and WET lead calculations are summarized below and in Table 9d.

Excavation Depth	90% UCL Total Lead (mg/kg)	90% UCL Predicted WET Lead (mg/l)	95% UCL Total Lead (mg/kg)	Waste Classification
0 to 0.5 ft	55.4	2.5	58.5	Non-hazardous
Underlying soil (0.5 to 3.0 ft)	*60.8*	*2.7*	*64.8*	*Non-hazardous*
0 to 1.5 ft	63.8	2.9	67.7	Non-hazardous
Underlying soil (1.5 to 3.0 ft)	*56.0*	*2.5*	*59.9*	*Non-hazardous*
0 to 2.5 ft	59.8	2.7	63.5	Non-hazardous
Underlying soil (2.5 to 3.0 ft)	*60.2*	*2.7*	*65.2*	*Non-hazardous*
0 to 3.0 ft	*59.9*	*2.7*	*63.8*	Non-hazardous

90% UCL applicable for waste classification and onsite reuse; 95% UCL applicable for risk assessment and offsite disposal

Based on the data presented in the above table, excavated soil would be classified as non-hazardous based on lead content.

6.1.3 Route 37 to WB I-80 – Left Shoulder ("W-R37-L") [Dataset 8]

The following table summarizes the predicted waste classification for excavated soil based on the calculated weighted averages of the total lead UCLs and predicted WET lead concentrations for the data collected. Weighted averages are calculated by using the total lead concentration for each 0.5-foot depth interval as the value for the underlying 0.5-foot depth interval (unless a sample was collected from the underlying depth interval). The total and WET lead calculations are summarized below and in Table 10.

Excavation Depth	90% UCL Total Lead (mg/kg)	90% UCL Predicted WET Lead (mg/l)	95% UCL Total Lead (mg/kg)	Waste Classification
0 to 0.5 ft	184.3	**8.3**	203.0	**Hazardous**
Underlying soil (0.5 to 3.0 ft)	*18.4*	*0.8*	*20.1*	*Non-hazardous*
0 to 1.5 ft	71.8	3.2	79.0	*Non-hazardous*
Underlying soil (1.5 to 3.0 ft)	*20.2*	*0.9*	*22.2*	*Non-hazardous*
0 to 2.5 ft	48.3	2.2	53.0	*Non-hazardous*
Underlying soil (2.5 to 3.0 ft)	*34.6*	*1.6*	*38.5*	*Non-hazardous*
0 to 3.0 ft	*46.0*	*2.1*	*50.6*	*Non-hazardous*

90% UCL applicable for waste classification and onsite reuse; 95% UCL applicable for risk assessment and offsite disposal

Based on the data presented in the above table, soil excavated to a depth of 0.5 foot would be classified as a California hazardous waste since the 90% UCL-predicted WET lead concentration is greater than the lead STLC of 5.0 mg/l. Based on the TCLP lead results, excavated soil would not be classified as a RCRA hazardous waste. Based on the reported DI-WET and pH results, soil excavated from 0 to 0.5 foot may be reused onsite (as Caltrans Type Y-1) in accordance with the DTSC Variance by placing the excavated soil under clean fill or pavement. Underlying soil (i.e., deeper than 0.5 foot) would be classified as non-hazardous.

If excavations extend to 1.5 feet or deeper and soil is managed as a whole, excavated soil would be classified as non-hazardous based on lead content.

6.1.4 Alamo Drive to WB I-80 ("W-ALAM") [Dataset 55]

0 to 3 feet from EOP

The following table summarizes the predicted waste classification for excavated soil based on the calculated weighted averages of the total lead UCLs and predicted WET lead concentrations for data collected between EOP to a lateral distance of 3 feet from EOP. Weighted averages are calculated by using the total lead concentration for each 0.5-foot depth interval as the value for the underlying 0.5-foot depth interval (unless a sample was collected from the underlying depth interval). The total and WET lead calculations are summarized below and in Table 11a.

Excavation Depth	90% UCL Total Lead (mg/kg)	90% UCL Predicted WET Lead (mg/l)	95% UCL Total Lead (mg/kg)	Waste Classification
0 to 0.5 ft	317.6	**23.5**	348.0	**Hazardous**
Underlying soil (0.5 to 3.0 ft)	*137.8*	***10.2***	*150.7*	***Hazardous***
0 to 1.5 ft	298.5	**22.1**	327.3	**Hazardous**
Underlying soil (1.5 to 3.0 ft)	*37.1*	*2.7*	*39.9*	*Non-hazardous*
0 to 2.5 ft	197.1	**14.6**	215.9	**Hazardous**
Underlying soil (2.5 to 3.0 ft)	*20.9*	*1.5*	*22.0*	*Non-hazardous*
0 to 3.0 ft	*167.8*	***12.4***	*183.6*	**Hazardous**

90% UCL applicable for waste classification and onsite reuse; 95% UCL applicable for risk assessment and offsite disposal

Based on the data presented in the above table, soil excavated to a depth of 1.5 feet would be classified as a California hazardous waste since the 90% UCL-predicted WET lead concentration is greater than the lead STLC of 5.0 mg/l. Based on the TCLP lead results, excavated soil would not be classified as a RCRA hazardous waste. Based on the reported DI-WET and pH results, soil excavated from 0 to 0.5 foot may be reused onsite (as Caltrans Type Y-1) in accordance with the DTSC Variance by placing the excavated soil under clean fill or pavement. Underlying soil (i.e., deeper than 1.5 feet) would be classified as non-hazardous.

3 to 6 feet from EOP

The following table summarizes the predicted waste classification for excavated soil based on the calculated weighted averages of the total lead UCLs and predicted WET lead concentrations for data collected between a lateral distance of 3 to 6 feet from EOP. Weighted averages are calculated by using the total lead concentration for each 0.5-foot depth interval as the value for the underlying 0.5-foot depth interval (unless a sample was collected from the underlying depth interval). The total and WET lead calculations are summarized below and in Table 11b.

Excavation Depth	90% UCL Total Lead (mg/kg)	90% UCL Predicted WET Lead (mg/l)	95% UCL Total Lead (mg/kg)	Waste Classification
0 to 0.5 ft	608.2	**45.1**	653.0	**Hazardous**
Underlying soil (0.5 to 3.0 ft)	*61.1*	*4.5*	*63.7*	*Non-hazardous*
0 to 1.5 ft	262.9	**19.5**	279.9	**Hazardous**
Underlying soil (1.5 to 3.0 ft)	*41.7*	*3.1*	*43.8*	*Non-hazardous*
0 to 2.5 ft	178.1	**13.2**	189.4	**Hazardous**
Underlying soil (2.5 to 3.0 ft)	*23.2*	*1.7*	*24.1*	*Non-hazardous*
0 to 3.0 ft	*152.3*	***11.3***	*161.9*	**Hazardous**

90% UCL applicable for waste classification and onsite reuse; 95% UCL applicable for risk assessment and offsite disposal

Based on the data presented in the above table, soil excavated to a depth of 0.5 foot would be classified as a California hazardous waste since the 90% UCL-predicted WET lead concentration is greater than the lead STLC of 5.0 mg/l. Based on the TCLP lead results, excavated soil would not be classified as a RCRA hazardous waste. Based on the reported DI-WET and pH results, soil excavated from 0 to 0.5 foot may be reused onsite (as Caltrans Type Y-1) in accordance with the DTSC Variance by placing the excavated soil under clean fill or pavement. Underlying soil (i.e., deeper than 0.5 foot) would be classified as non-hazardous.

6 to 9 feet from EOP

The following table summarizes the predicted waste classification for excavated soil based on the maximum total lead values and predicted WET lead concentrations for data collected between a lateral distance of 6 to 9 feet from EOP. Weighted averages are calculated by using the maximum total lead concentration for each 0.5-foot depth interval as the value for the underlying 0.5-foot depth interval (unless a sample was collected from the underlying depth interval). The total and WET lead calculations are summarized below and in Table 11c.

Excavation Depth	Maximum Total Lead (mg/kg)	Predicted WET Lead (mg/l)	Waste Classification
0 to 0.5 ft	670.0	**49.6**	**Hazardous**
Underlying soil (0.5 to 3.0 ft)	*42.4*	*3.1*	*Non-hazardous*
0 to 1.5 ft	*265.3*	***19.7***	**Hazardous**
Underlying Soil (1.5 to3.0 ft)	*28.7*	*2.1*	*Non-hazardous*
0 to 2.5 ft	*171.6*	***12.7***	**Hazardous**
Underlying Soil (2.5 to3.0 ft)	*24.0*	*1.8*	*Non-hazardous*
0 to 3.0 ft	147.0	10.9	**Hazardous**

Based on the data presented in the above table, soil excavated to a depth of 0.5 foot would be classified as a California hazardous waste since the maximum-predicted WET lead concentration is greater than the lead STLC of 5.0 mg/l. Based on the TCLP lead results, excavated soil would not be classified as a RCRA hazardous waste. Based on the reported DI-WET and pH results, soil excavated from 0 to 0.5 foot may be reused onsite (as Caltrans Type Y-1) in accordance with the DTSC Variance by placing the excavated soil under clean fill or pavement. Underlying soil (i.e., deeper than 0.5 foot) would be classified as non-hazardous.

>9 feet from EOP

The following table summarizes the predicted waste classification for excavated soil based on the calculated weighted averages of the total lead UCLs and predicted WET lead concentrations for data collected at a lateral distance >9 feet from EOP. Weighted averages are calculated by using the total lead concentration for each 0.5-foot depth interval as the value for the underlying 0.5-foot depth interval (unless a sample was collected from the underlying depth interval). The total and WET lead calculations are summarized below and in Table 11d.

Excavation Depth	90% UCL Total Lead (mg/kg)	90% UCL Predicted WET Lead (mg/l)	95% UCL Total Lead (mg/kg)	Waste Classification
0 to 0.5 ft	444.7	**33.0**	465.0	**Hazardous**
Underlying soil (0.5 to 3.0 ft)	*39.5*	*2.9*	*40.9*	*Non-hazardous*
0 to 1.5 ft	190.0	**14.1**	198.3	**Hazardous**
Underlying soil (1.5 to 3.0 ft)	*24.0*	*1.8*	*24.8*	*Non-hazardous*
0 to 2.5 ft	124.7	**9.2**	130.1	**Hazardous**
Underlying soil (2.5 to 3.0 ft)	*18.3*	*1.4*	*18.8*	*Non-hazardous*
0 to 3.0 ft	*107.0*	***7.9***	*111.6*	**Hazardous**

90% UCL applicable for waste classification and onsite reuse; 95% UCL applicable for risk assessment and offsite disposal

Based on the data presented in the above table, soil excavated to a depth of 0.5 foot would be classified as a California hazardous waste since the 90% UCL-predicted WET lead concentration is greater than the lead STLC of 5.0 mg/l. Based on the TCLP lead results, excavated soil would not be classified as a RCRA hazardous waste. Based on the reported DI-WET and pH results, soil excavated from 0 to 0.5 foot may be reused onsite (as Caltrans Type Y-1) in accordance with the DTSC Variance by placing the excavated soil under clean fill or pavement. Underlying soil (i.e., deeper than 0.5 foot) would be classified as non-hazardous.

6.1.5 Cliffside Drive to EB I-80 ("E-CLIF") [Dataset 65]

The following sub-sections present the predicted waste classification for excavated soil based on the distances from EOP and the calculated total lead UCLs and predicted WET lead concentrations. Waste classifications for soil profiles are included in Appendix C.

0 to 3 feet from EOP

The following table summarizes the predicted waste classification for excavated soil based on the distances from EOP and the calculated weighted averages of the total lead UCLs and predicted WET lead concentrations for data collected between EOP to a lateral distance of 3 feet from EOP. Weighted averages are calculated by using the total lead concentration for each 0.5-foot depth interval as the value for the underlying 0.5-foot depth interval (unless a sample was collected from the underlying depth interval). The total and WET lead calculations are summarized below and in Table 12a.

Excavation Depth	90% UCL Total Lead (mg/kg)	90% UCL Predicted WET Lead (mg/l)	95% UCL Total Lead (mg/kg)	Waste Classification
0 to 0.5 ft	829.7	**63.8**	890.3	**Hazardous**
Underlying soil (0.5 to 3.0 ft)	*134.0*	***10.3***	*149.5*	***Hazardous***
0 to 1.5 ft	395.2	**30.4**	428.1	**Hazardous**
Underlying soil (1.5 to 3.0 ft)	*104.7*	***8.0***	*117.8*	***Hazardous***
0 to 2.5 ft	291.6	**22.4**	318.5	**Hazardous**
Underlying soil (2.5 to 3.0 ft)	*41.6*	*3.2*	*45.3*	*Non-hazardous*
0 to 3.0 ft	*250.0*	***19.2***	*272.9*	**Hazardous**

90% UCL applicable for waste classification and onsite reuse; 95% UCL applicable for risk assessment and offsite disposal

Based on the data presented in the above table, soil excavated to a depth of 2.5 feet would be classified as a California hazardous waste since the 90% UCL-predicted WET lead concentration is greater than the lead STLC of 5.0 mg/l. Based on the TCLP lead results, excavated soil would not be classified as a RCRA hazardous waste. Based on the reported DI-WET and pH results, soil excavated from 0 to 0.5 foot may be reused onsite (as Caltrans Type Y-1) in accordance with the DTSC Variance by placing the excavated soil under clean fill or pavement. Underlying soil (i.e., deeper than 2.5 feet) would be classified as non-hazardous.

3 to 6 feet from EOP

The following table summarizes the predicted waste classification for excavated soil based on the calculated weighted averages of the total lead UCLs and predicted WET lead concentrations for data collected between a lateral distance of 3 to 6 feet from EOP. Weighted averages are calculated by using the total lead concentration for each 0.5-foot depth interval as the value for the underlying 0.5-foot depth interval (unless a sample was collected from the underlying depth interval). The total and WET lead calculations are summarized below and in Table 12b.

Excavation Depth	90% UCL Total Lead (mg/kg)	90% UCL Predicted WET Lead (mg/l)	95% UCL Total Lead (mg/kg)	Waste Classification
0 to 0.5 ft	42.0	3.2	45.3	Non-hazardous
Underlying soil (0.5 to 3.0 ft)	*31.7*	*2.4*	*34.9*	*Non-hazardous*
0 to 1.5 ft	48.7	3.7	53.4	Non-hazardous
Underlying soil (1.5 to 3.0 ft)	*18.1*	*1.4*	*19.9*	*Non-hazardous*
0 to 2.5 ft	38.8	3.0	42.6	Non-hazardous
Underlying soil (2.5 to 3.0 ft)	*6.5*	*0.5*	*6.6*	*Non-hazardous*
0 to 3.0 ft	*33.4*	*2.6*	*36.6*	Non-hazardous

90% UCL applicable for waste classification and onsite reuse; 95% UCL applicable for risk assessment and offsite disposal

Based on the data presented in the above table, excavated soil would be classified as non-hazardous based on lead content.

6 to 9 feet from EOP

The following table summarizes the predicted waste classification for excavated soil based on the maximum total lead values and predicted WET lead concentrations for data collected between a lateral distance of 6 to 9 feet from EOP. Weighted averages are calculated by using the maximum total lead concentration for each 0.5-foot depth interval as the value for the underlying 0.5-foot depth interval (unless a sample was collected from the underlying depth interval). The total and WET lead calculations are summarized below and in Table 12c.

Excavation Depth	Maximum Total Lead (mg/kg)	Predicted WET Lead (mg/l)	Waste Classification
0 to 0.5 ft	93.4	**7.2**	**Hazardous**
Underlying soil (0.5 to 3.0 ft)	*35.6*	*2.7*	*Non-hazardous*
0 to 1.5 ft	*80.2*	***6.2***	**Hazardous**
Underlying Soil (1.5 to3.0 ft)	*10.3*	*0.8*	*Non-hazardous*
0 to 2.5 ft	*53.3*	*4.1*	Non-hazardous
Underlying Soil (2.5 to3.0 ft)	*5.4*	*0.4*	*Non-hazardous*
0 to 3.0 ft	45.3	3.5	Non-hazardous

Based on the data presented in the above table, soil excavated to a depth of 0.5 foot would be classified as a California hazardous waste since the 90% UCL-predicted WET lead concentration is greater than the lead STLC of 5.0 mg/l. Based on the TCLP lead results, excavated soil would not be classified as a RCRA hazardous waste. Based on the reported DI-WET and pH results, soil excavated from 0 to 0.5 foot may be reused onsite (as Caltrans Type Y-1) in accordance with the DTSC Variance by placing the excavated soil under clean fill or pavement. Underlying soil (i.e., deeper than 0.5 foot) would be classified as non-hazardous.

If excavations extend to 2.5 feet or deeper and soil is managed as a whole, excavated soil would be classified as non-hazardous based on lead content.

>9 feet from EOP

The following table summarizes the predicted waste classification for excavated soil based on the calculated weighted averages of the total lead UCLs and predicted WET lead concentrations for data collected at a lateral distance of >9 feet from EOP. Weighted averages are calculated by using the total lead concentration for each 0.5-foot depth interval as the value for the underlying 0.5-foot depth interval (unless a sample was collected from the underlying depth interval). The total and WET lead calculations are summarized below and in Table 12d.

Excavation Depth	90% UCL Total Lead (mg/kg)	90% UCL Predicted WET Lead (mg/l)	95% UCL Total Lead (mg/kg)	Waste Classification
0 to 0.5 ft	19.4	1.5	21.1	Non-hazardous
Underlying soil (0.5 to 3.0 ft)	*30.9*	*2.4*	*33.7*	*Non-hazardous*
0 to 1.5 ft	43.5	3.3	47.6	Non-hazardous
Underlying soil (1.5 to 3.0 ft)	*14.4*	*1.1*	*15.6*	*Non-hazardous*
0 to 2.5 ft	32.0	2.5	35.0	Non-hazardous
Underlying soil (2.5 to 3.0 ft)	*13.6*	*1.0*	*14.7*	*Non-hazardous*
0 to 3.0 ft	*29.0*	*2.2*	*31.6*	Non-hazardous

90% UCL applicable for waste classification and onsite reuse; 95% UCL applicable for risk assessment and offsite disposal

Based on the data presented in the above table, excavated soil would be classified as non-hazardous based on lead content.

6.1.6 I-505 to WB I-80 – Left Shoulder ("W-505-L") [Dataset 72]

The following table summarizes the predicted waste classification for excavated soil based on the calculated weighted averages of the total lead UCLs and predicted WET lead concentrations for the data collected. Weighted averages are calculated by using the total lead concentration for each 0.5-foot depth interval as the value for the underlying 0.5-foot depth interval (unless a sample was collected from the underlying depth interval). The total and WET lead calculations are summarized below and in Table 13.

Excavation Depth	90% UCL Total Lead (mg/kg)	90% UCL Predicted WET Lead (mg/l)	95% UCL Total Lead (mg/kg)	Waste Classification
0 to 0.5 ft	78.2	3.1	83.9	Non-hazardous
Underlying soil (0.5 to 3.0 ft)	*43.7*	*1.7*	*48.4*	*Non-hazardous*
0 to 1.5 ft	68.5	2.7	74.6	Non-hazardous
Underlying soil (1.5 to 3.0 ft)	*30.4*	*1.2*	*34.0*	*Non-hazardous*
0 to 2.5 ft	50.9	2.0	55.8	Non-hazardous
Underlying soil (2.5 to 3.0 ft)	*42.3*	*1.7*	*46.8*	*Non-hazardous*
0 to 3.0 ft	*49.5*	*1.9*	*54.3*	Non-hazardous

90% UCL applicable for waste classification and onsite reuse; 95% UCL applicable for risk assessment and offsite disposal

Based on the data presented in the above table, excavated soil would be classified as non-hazardous based on lead content.

6.1.7 I-505 to WB I-80 – Right Shoulder ("W-505") [Dataset 73]

The following sub-sections present the predicted waste classification for excavated soil based on the calculated total lead UCLs and predicted WET lead concentrations for the data collected by distance from EOP. Waste classifications for soil profiles are included in Appendix C.

0 to 3 feet from EOP

The following table summarizes the predicted waste classification for excavated soil based on the calculated weighted averages of the total lead UCLs and predicted WET lead concentrations for data collected between EOP to a lateral distance of 3 feet from EOP. Weighted averages are calculated by using the total lead concentration for each 0.5-foot depth interval as the value for the underlying 0.5-foot depth interval (unless a sample was collected from the underlying depth interval). The total and WET lead calculations are summarized below and in Table 14a.

Excavation Depth	90% UCL Total Lead (mg/kg)	90% UCL Predicted WET Lead (mg/l)	95% UCL Total Lead (mg/kg)	Waste Classification
0 to 0.5 ft	167.2	**6.6**	186.0	**Hazardous**
Underlying soil (0.5 to 3.0 ft)	*46.9*	*1.8*	*52.9*	*Non-hazardous*
0 to 1.5 ft	92.0	3.6	102.3	Non-hazardous
Underlying soil (1.5 to 3.0 ft)	*41.8*	*1.6*	*47.9*	*Non-hazardous*
0 to 2.5 ft	71.9	2.8	80.7	Non-hazardous
Underlying soil (2.5 to 3.0 ft)	*42.0*	*1.7*	*47.0*	*Non-hazardous*
0 to 3.0 ft	*66.9*	*2.6*	*75.1*	Non-hazardous

90% UCL applicable for waste classification and onsite reuse; 95% UCL applicable for risk assessment and offsite disposal

Based on the data presented in the above table, soil excavated to a depth of 0.5 foot would be classified as a California hazardous waste since the 90% UCL-predicted WET lead concentration is greater than the lead STLC of 5.0 mg/l. Based on the TCLP lead results, excavated soil would not be classified as a RCRA hazardous waste. Based on the reported DI-WET and pH results, soil excavated from 0 to 0.5 foot may be reused onsite (as Caltrans Type Y-1) in accordance with the DTSC Variance by placing the excavated soil under clean fill or pavement. Underlying soil (i.e., deeper than 0.5 foot) would be classified as non-hazardous.

If excavations extend to 1.5 feet or deeper and soil is managed as a whole, excavated soil would be classified as non-hazardous based on lead content.

3 to 6 feet from EOP

The following table summarizes the predicted waste classification for excavated soil based on the calculated weighted averages of the total lead UCLs and predicted WET lead concentrations for data collected between a lateral distance of 3 to 6 feet from EOP. Weighted averages are calculated by using the total lead concentration for each 0.5-foot depth interval as the value for the underlying 0.5-foot depth interval (unless a sample was collected from the underlying depth interval). The total and WET lead calculations are summarized below and in Table 14b.

Excavation Depth	90% UCL Total Lead (mg/kg)	90% UCL Predicted WET Lead (mg/l)	95% UCL Total Lead (mg/kg)	Waste Classification
0 to 0.5 ft	106.1	4.2	115.0	Non-hazardous
Underlying soil (0.5 to 3.0 ft)	*58.8*	*2.3*	*64.8*	*Non-hazardous*
0 to 1.5 ft	82.5	3.2	90.7	Non-hazardous
Underlying soil (1.5 to 3.0 ft)	*50.8*	*2.0*	*55.7*	*Non-hazardous*
0 to 2.5 ft	64.3	2.5	70.4	Non-hazardous
Underlying soil (2.5 to 3.0 ft)	*78.5*	*3.1*	*87.3*	*Non-hazardous*
0 to 3.0 ft	*66.6*	*2.6*	*73.2*	Non-hazardous

90% UCL applicable for waste classification and onsite reuse; 95% UCL applicable for risk assessment and offsite disposal

Based on the data presented in the above table, excavated soil would be classified as non-hazardous based on lead content.

6.1.8 Nut Tree Parkway/Orange Drive to EB I-80 ("E-NUT") [Dataset 76]

The following sub-sections present the predicted waste classification for excavated soil based on the distances from EOP and the calculated total lead UCLs and predicted WET lead concentrations for data collected. Waste classifications for soil profiles are included in Appendix C.

0 to 3 feet from EOP

The following table summarizes the predicted waste classification for excavated soil based on the calculated weighted averages of the total lead UCLs and predicted WET lead concentrations for data collected between EOP to a lateral distance of 3 feet from EOP. Weighted averages are calculated by using the total lead concentration for each 0.5-foot depth interval as the value for the underlying 0.5-foot depth interval (unless a sample was collected from the underlying depth interval). The total and WET lead calculations are summarized below and in Table 15a.

Excavation Depth	90% UCL Total Lead (mg/kg)	90% UCL Predicted WET Lead (mg/l)	95% UCL Total Lead (mg/kg)	Waste Classification
0 to 0.5 ft	9.4	0.3	9.9	Non-hazardous
Underlying soil (0.5 to 3.0 ft)	*50.7*	*1.8*	*55.0*	*Non-hazardous*
0 to 1.5 ft	10.0	0.4	10.6	Non-hazardous
Underlying soil (1.5 to 3.0 ft)	*77.6*	*2.8*	*84.3*	*Non-hazardous*
0 to 2.5 ft	42.8	1.5	46.3	Non-hazardous
Underlying soil (2.5 to 3.0 ft)	*48.9*	*1.8*	*53.4*	*Non-hazardous*
0 to 3.0 ft	*43.8*	*1.6*	*47.5*	Non-hazardous

90% UCL applicable for waste classification and onsite reuse; 95% UCL applicable for risk assessment and offsite disposal

Based on the data presented in the above table, excavated soil would be classified as non-hazardous based on lead content.

3 to 6 feet from EOP

The following table summarizes the predicted waste classification for excavated soil based on the calculated weighted averages of the total lead UCLs and predicted WET lead concentrations for data collected between a lateral distance of 3 to 6 feet from EOP. Weighted averages are calculated by using the total lead concentration for each 0.5-foot depth interval as the value for the underlying 0.5-foot depth interval (unless a sample was collected from the underlying depth interval). The total and WET lead calculations are summarized below and in Table 15b.

Excavation Depth	90% UCL Total Lead (mg/kg)	90% UCL Predicted WET Lead (mg/l)	95% UCL Total Lead (mg/kg)	Waste Classification
0 to 0.5 ft	11.2	0.4	11.6	Non-hazardous
Underlying soil (0.5 to 3.0 ft)	*23.6*	*0.9*	*25.4*	*Non-hazardous*
0 to 1.5 ft	13.1	0.5	13.8	Non-hazardous
Underlying soil (1.5 to 3.0 ft)	*29.9*	*1.1*	*32.5*	*Non-hazardous*
0 to 2.5 ft	23.3	0.8	25.1	Non-hazardous
Underlying soil (2.5 to 3.0 ft)	*12.7*	*0.5*	*13.5*	*Non-hazardous*
0 to 3.0 ft	*21.5*	*0.8*	*23.1*	Non-hazardous

90% UCL applicable for waste classification and onsite reuse; 95% UCL applicable for risk assessment and offsite disposal

Based on the data presented in the above table, excavated soil would be classified as non-hazardous based on lead content.

6 to 9 feet from EOP

The following table summarizes the predicted waste classification for excavated soil based on the calculated weighted averages of the total lead UCLs and predicted WET lead concentrations for data collected between a lateral distance of 6 to 9 feet from EOP. Weighted averages are calculated by using the total lead concentration for each 0.5-foot depth interval as the value for the underlying 0.5-foot depth interval (unless a sample was collected from the underlying depth interval). The total and WET lead calculations are summarized below and in Table 15c.

Excavation Depth	90% UCL Total Lead (mg/kg)	90% UCL Predicted WET Lead (mg/l)	95% UCL Total Lead (mg/kg)	Waste Classification
0 to 0.5 ft	17.6	0.6	18.4	Non-hazardous
Underlying soil (0.5 to 3.0 ft)	*37.0*	*1.3*	*41.4*	*Non-hazardous*
0 to 1.5 ft	31.4	1.1	34.7	Non-hazardous
Underlying soil (1.5 to 3.0 ft)	*36.1*	*1.3*	*40.4*	*Non-hazardous*
0 to 2.5 ft	38.8	1.4	43.3	Non-hazardous
Underlying soil (2.5 to 3.0 ft)	*8.6*	*0.3*	*8.8*	*Non-hazardous*
0 to 3.0 ft	*33.7*	*1.2*	*37.6*	Non-hazardous

90% UCL applicable for waste classification and onsite reuse; 95% UCL applicable for risk assessment and offsite disposal

Based on the data presented in the above table, excavated soil would be classified as non-hazardous based on lead content.

>9 feet from EOP

The following table summarizes the predicted waste classification for excavated soil based on the calculated weighted averages of the total lead UCLs and predicted WET lead concentrations for data collected at a lateral distance of >9 feet from EOP. Weighted averages are calculated by using the total lead concentration for each 0.5-foot depth interval as the value for the underlying 0.5-foot depth interval (unless a sample was collected from the underlying depth interval). The total and WET lead calculations are summarized below and in Table 15d.

Excavation Depth	90% UCL Total Lead (mg/kg)	90% UCL Predicted WET Lead (mg/l)	95% UCL Total Lead (mg/kg)	Waste Classification
0 to 0.5 ft	29.4	1.1	31.0	Non-hazardous
Underlying soil (0.5 to 3.0 ft)	*36.0*	*1.3*	*39.0*	*Non-hazardous*
0 to 1.5 ft	39.1	1.4	41.6	Non-hazardous
Underlying soil (1.5 to 3.0 ft)	*30.6*	*1.1*	*33.8*	*Non-hazardous*
0 to 2.5 ft	37.0	1.3	40.0	Non-hazardous
Underlying soil (2.5 to 3.0 ft)	*24.2*	*0.9*	*26.2*	*Non-hazardous*
0 to 3.0 ft	*34.9*	*1.3*	*37.7*	Non-hazardous

90% UCL applicable for waste classification and onsite reuse; 95% UCL applicable for risk assessment and offsite disposal

Based on the data presented in the above table, excavated soil would be classified as non-hazardous based on lead content.

6.2 CAM 17 Metals and Hexavalent Chromium in Soil

Based on the reported WET barium, chromium, mercury, and nickel results, soil would not be classified as hazardous waste.

The CAM 17 metals and hexavalent chromium concentrations were compared to ESLs (Table A, SFRWQCB, May 2008). Antimony, arsenic, barium, cadmium, lead, mercury, nickel, thallium, and vanadium were reported at concentrations greater than their respective ESL values in the soil samples collected at the site.

Upper one-sided 95% UCLs were calculated for the full set of antimony, arsenic, barium, cadmium, lead, mercury, nickel, thallium, and vanadium data collected at the site. The UCLs were compared with the residential and commercial/industrial land use ESLs and with published background levels typically present in California soils as presented in *Background Concentrations of Trace and Major Elements in California Soils* (Kearney Foundation of Soil Science, Division of Agriculture and Natural Resources, University of California, March 1996). The bootstrap results are included in Appendix C. The calculated standard bootstrap UCLs, ESLs and published background concentrations are summarized in the table below:

Metal	95% UCL	RESIDENTIAL ESL	COMMERCIAL/ INDUSTRIAL ESL	CONSTRUCTION EXPOSURE ESL	PUBLISHED BACKGROUND MEAN[1]	PUBLISHED BACKGROUND RANGE [1]
Antimony	8.3 [2]	6.3	40	310	0.60	0.15-1.95
Arsenic	4.552	0.39	1.6	15	3.5	0.6 to 11.0
Barium	117.6	750	1,500	2,600	509	133 to 1,400
Cadmium	0.652	1.7	7.4	39	0.36	0.05-1.7
Lead	79.43	200	750	750	23.9	12.4-97.1
Mercury	0.826	1.3	10	58	0.26	0.05-0.90
Nickel	35.65	150	150	260	57	9 to 509
Thallium	1.6 [2]	1.3	16	62	0.56	0.17-1.1
Vanadium	55.2	16	200	770	112	39 to 288

Concentrations reported in milligrams per kilogram (mg/kg)

[1] Kearney Foundation of Soil Science, March 1996

[2] Maximum Concentration – UCL not calculated due to insufficient distinct observations

Antimony was detected in only one of 508 samples; therefore, UCL data could not be calculated. The maximum antimony concentration is greater than the residential ESL and published background range; however, it is less than the commercial/industrial and construction exposure ESLs.

The 95% UCL arsenic value for soil samples collected at the site is greater than the residential and commercial land use ESLs; however, it is less than the construction exposure ESL and within the published background range. The SFRWQCB *November 2007 Update to Environmental Screening Levels (ESLs) Technical Document* states that ambient background concentrations of arsenic typically exceed risk-based screening levels. In such instances, it may be more appropriate to compare site data to regionally specific established background levels.

The 95% UCL barium concentration for soil samples collected at the site is less than the residential land use ESL and the published background range.

The 95% UCL cadmium concentration for soil samples collected at the site is less than the residential land use ESL and within the published background range.

The 95% UCL lead concentration for soil samples collected at the site is less than the residential land use ESL and within the published background range.

The 95% UCL mercury concentration for soil samples collected at the site is less than the residential land use ESL and within the published background range.

The 95% UCL nickel concentration for soil samples collected at the site is less than the residential land use ESL and within the published background range.

Thallium was detected in only 2 of 508 samples; therefore, UCL data could not be calculated. The maximum thallium concentration is greater than the residential ESL and published background range; however, it is less than the commercial/industrial and construction exposure ESLs.

The 95% UCL vanadium concentration for soil samples collected at the site is greater than the residential land use ESL; however, it is less than the commercial/industrial land use ESL and within the published background range.

Offsite reuse or disposal of excavated soil may be restricted based on metals content.

6.3 Petroleum Hydrocarbons in Soil

One soil sample was collected from the groundwater interface of boring E-CM3 and analyzed for petroleum hydrocarbons. TPHd, TPHmo, TPHg, BTEX, or MTBE were not detected at or above the laboratory reporting limits. A summary of results for boring E-CM3 is included in Table 7.

6.4 Lead in Groundwater

One grab-groundwater sample was collected from boring E-CM3 and analyzed for total lead. Lead was reported at a concentration of 0.82 mg/l, exceeding the ESLs for groundwater as a current/potential source of drinking water, groundwater not as a current or potential source of drinking water, and surface water for freshwater, marine and estuarine environments. Total lead results for the grab-groundwater sample and corresponding ESL values are summarized in Table 7.

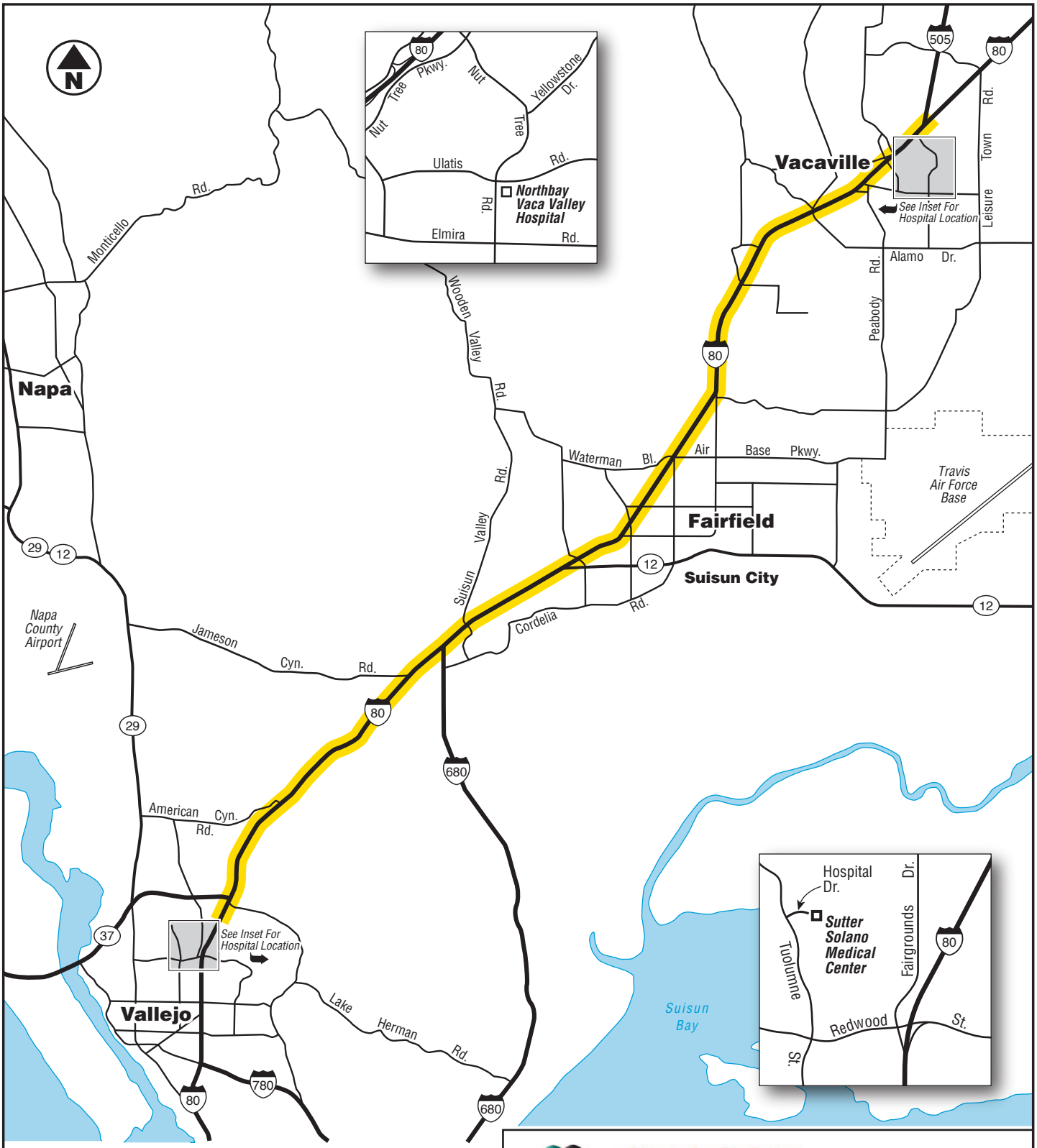
Based on the reported lead concentration, groundwater generated during construction may require treatment to reduce metal content prior to discharge or disposal.

6.5 Petroleum Hydrocarbons in Groundwater

One grab-groundwater sample was collected from boring E-CM3 and analyzed for petroleum hydrocarbons. TPHd, TPHmo, BTEX or MTBE were not detected at or above the laboratory reporting limits. TPHg was reported at a concentration of 0.06 mg/l, below the ESLs for this compound. Petroleum hydrocarbon compounds results for the grab-groundwater sample and corresponding ESL values are summarized in Table 7.

6.6 Worker Protection

The contractor(s) should prepare a project-specific health and safety plan to prevent or minimize worker exposure to metals and petroleum hydrocarbons in soil as well as metals in groundwater. The plan should include protocols for environmental and personnel monitoring, requirements for personal protective equipment, and other health and safety protocols and procedures for the handling of soil and groundwater.



PROJECT LIMITS

0 3
Scale in Miles

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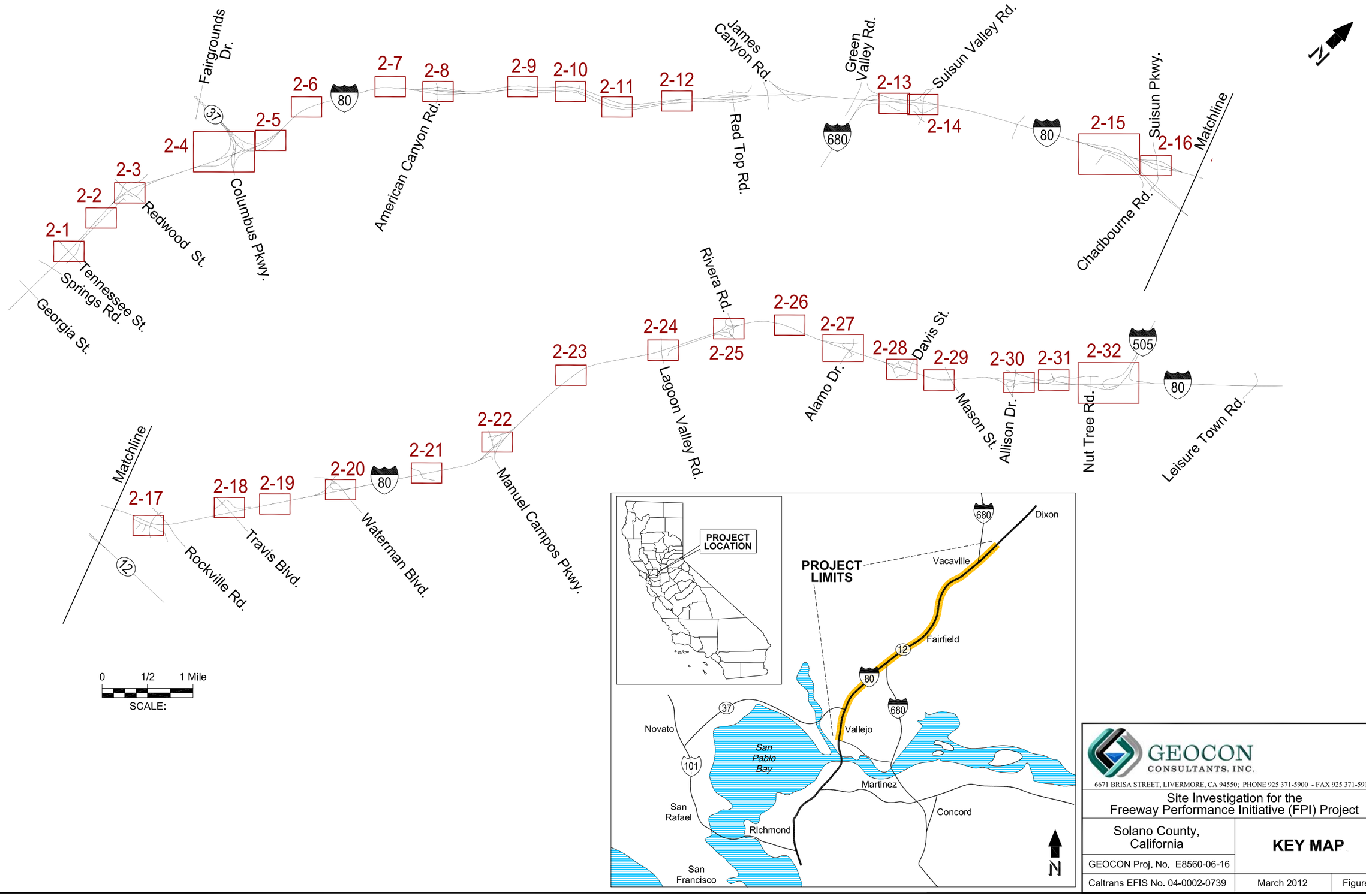
I-80 Solano FPI

Solano County, California

GEOCON Proj. No. E8560-06-16

VICINITY MAP

Task Order No. 16 | March 2012 | Figure 1



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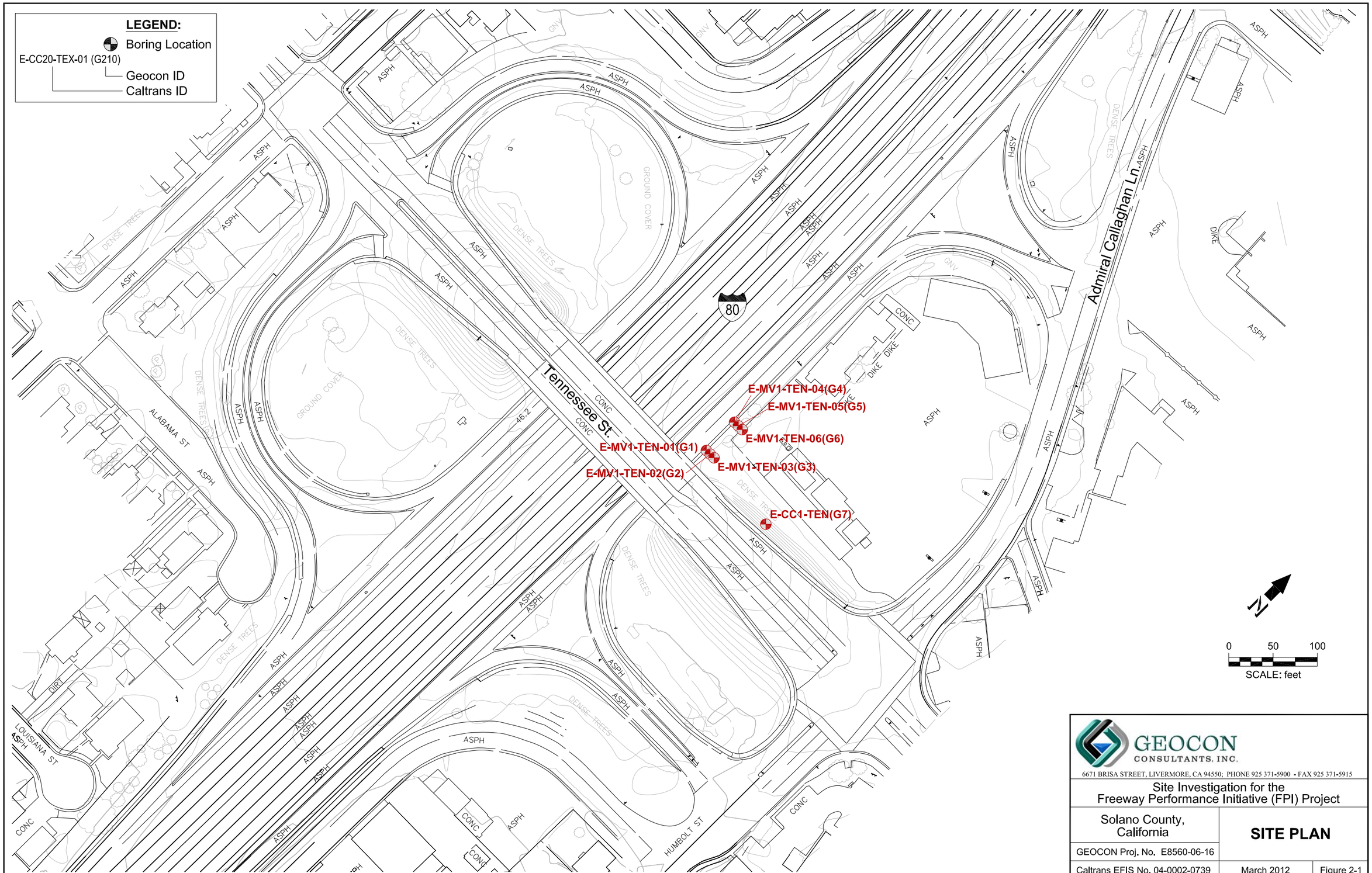
Site Investigation for the Freeway Performance Initiative (FPI) Project

Solano County, California	**KEY MAP**	
GEOCON Proj. No. E8560-06-16		
Caltrans EFIS No. 04-0002-0739	March 2012	Figure 2

SITE0312



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Site Investigation for the Freeway Performance Initiative (FPI) Project

Solano County, California

SITE PLAN

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Figure 2-1

SITE0312

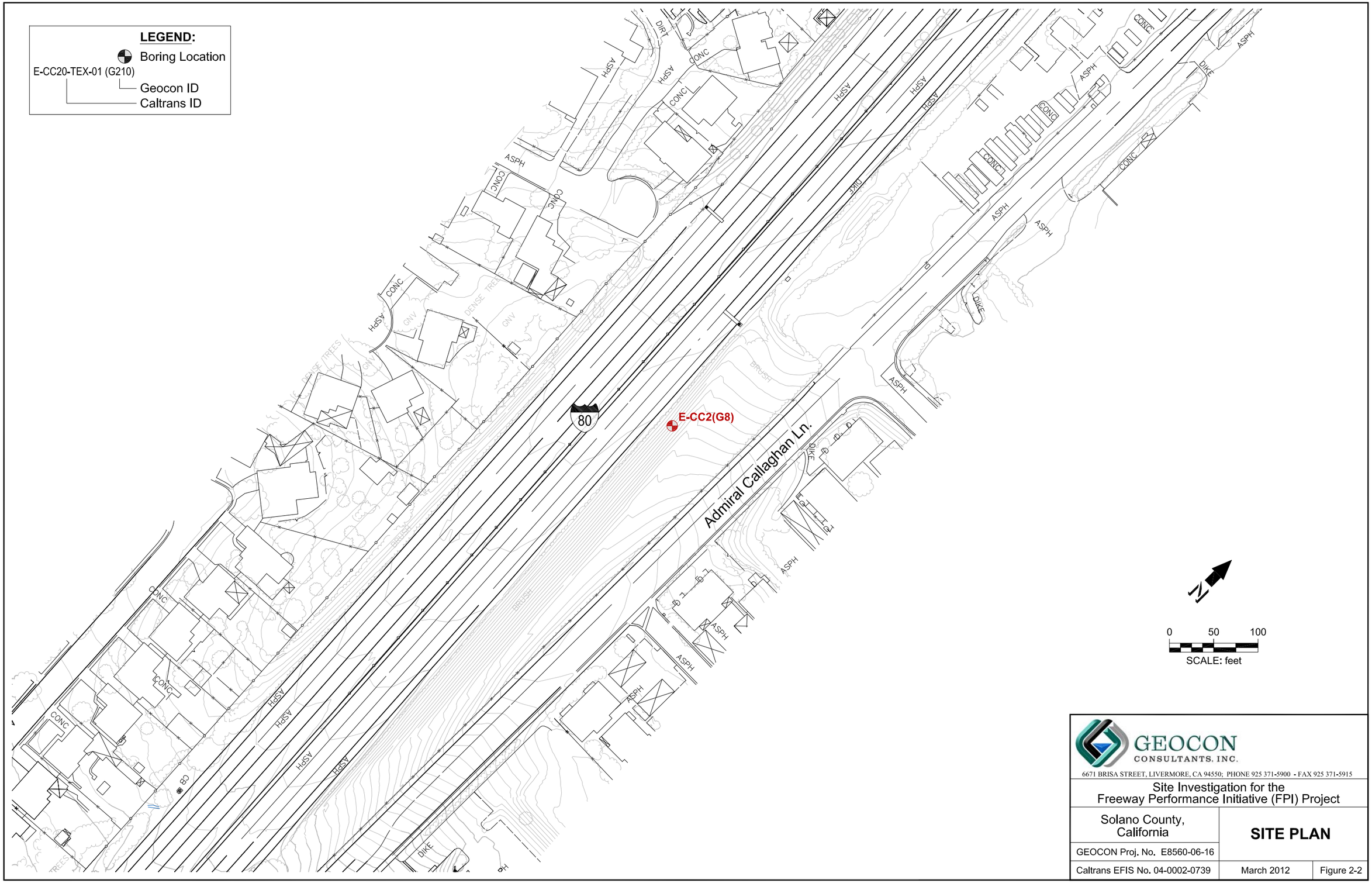

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Figure 2-2

SITE0312

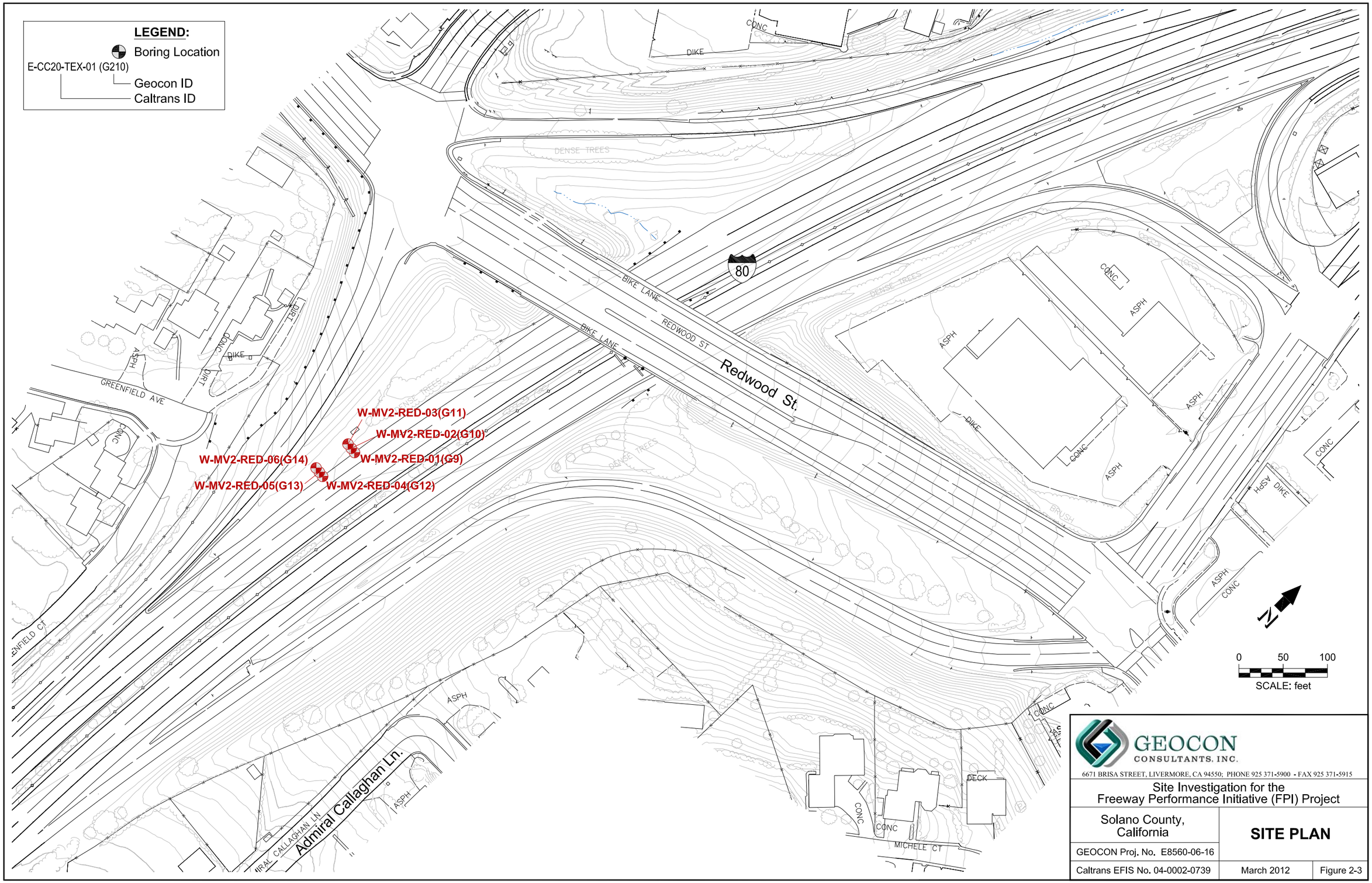

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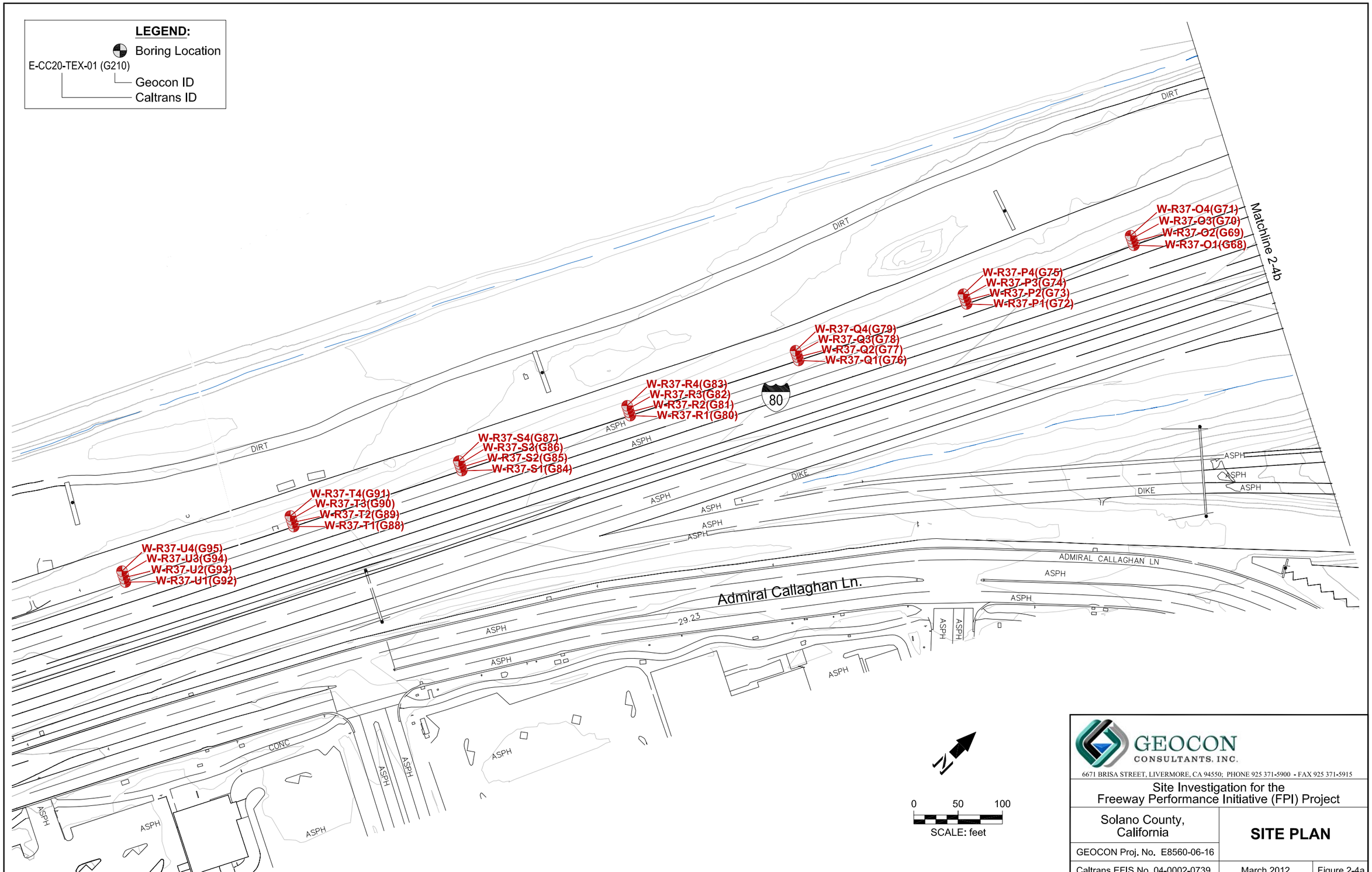
Figure 2-3

SITE0312



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SITE PLAN

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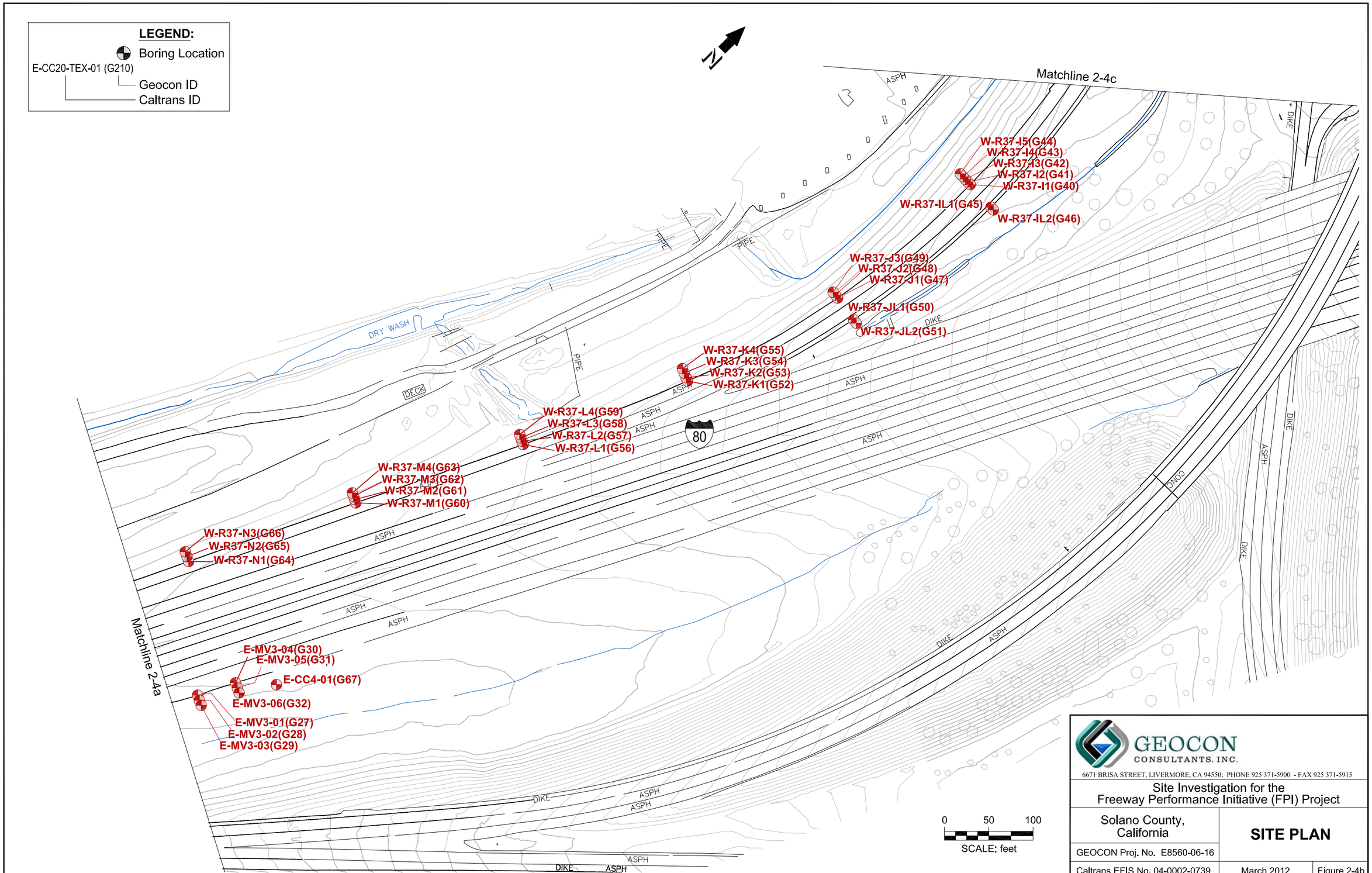
Figure 2-4a

SITE0312



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SITE PLAN

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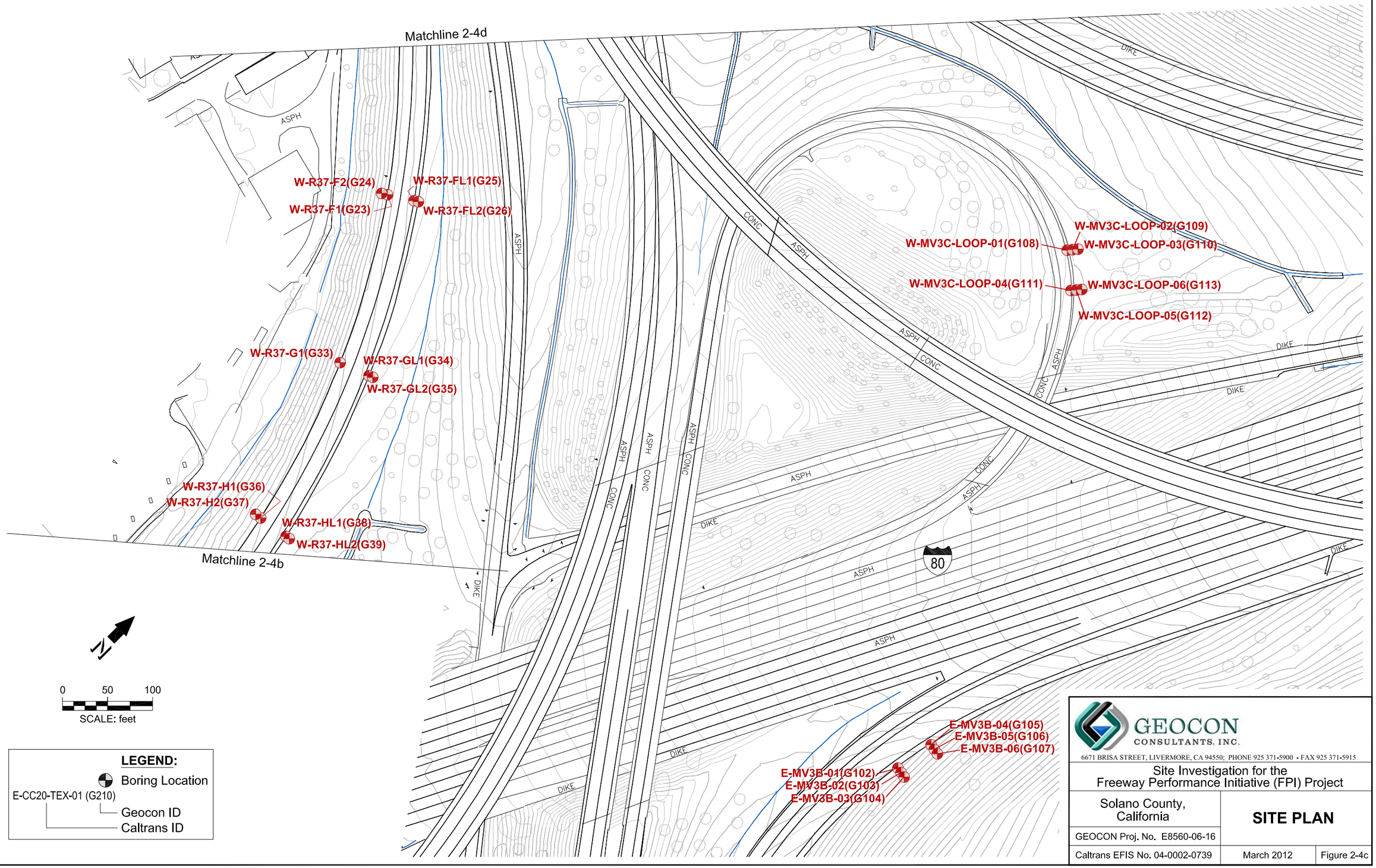
Caltrans EFIS No. 04-0002-0739 | March 2012 | Figure 2-4b

SITE0312



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SITE PLAN

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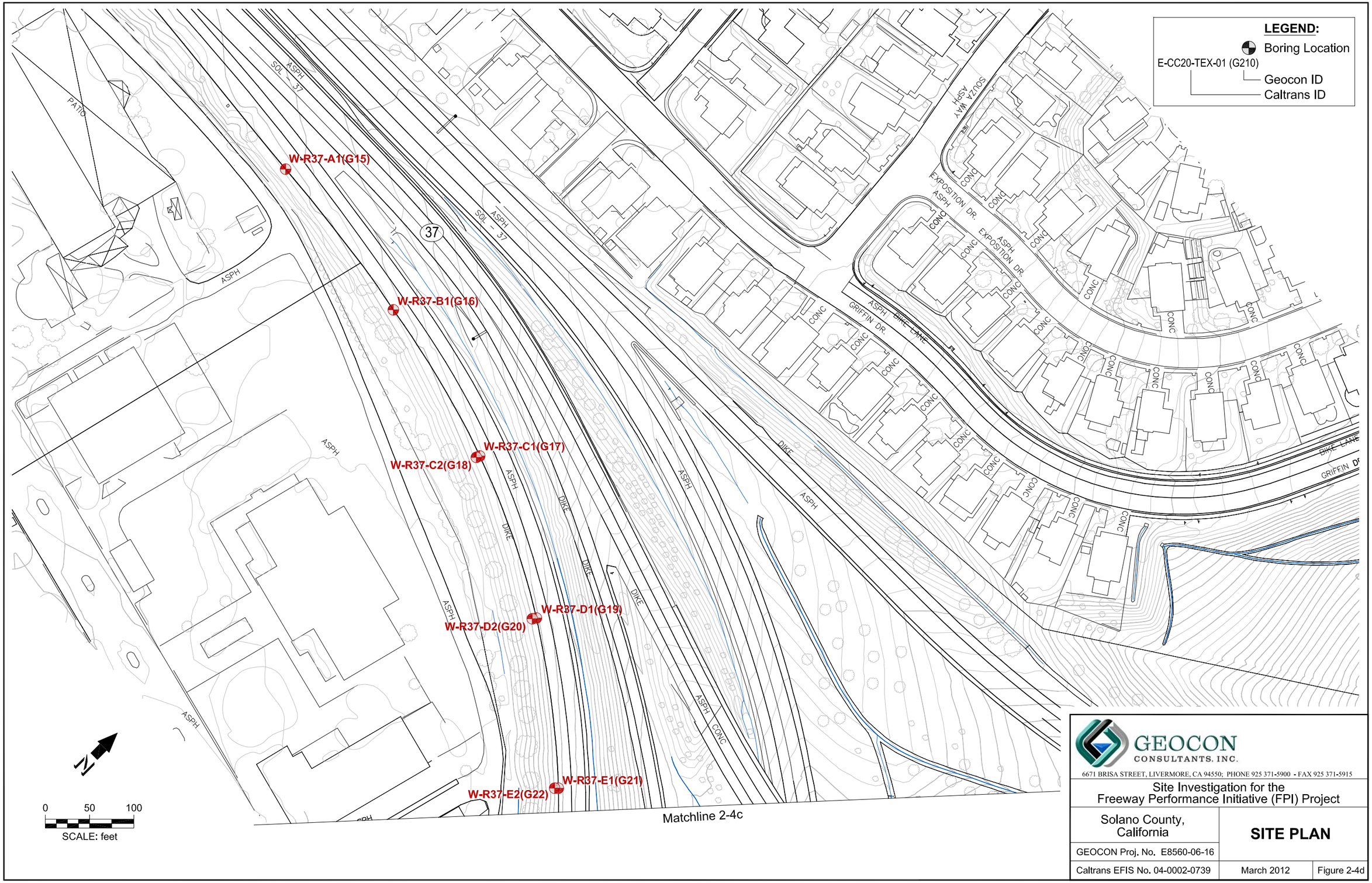
Caltrans EFIS No. 04-0002-0739 | March 2012 | Figure 2-4c

SITE0312



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Solano County, California

SITE PLAN

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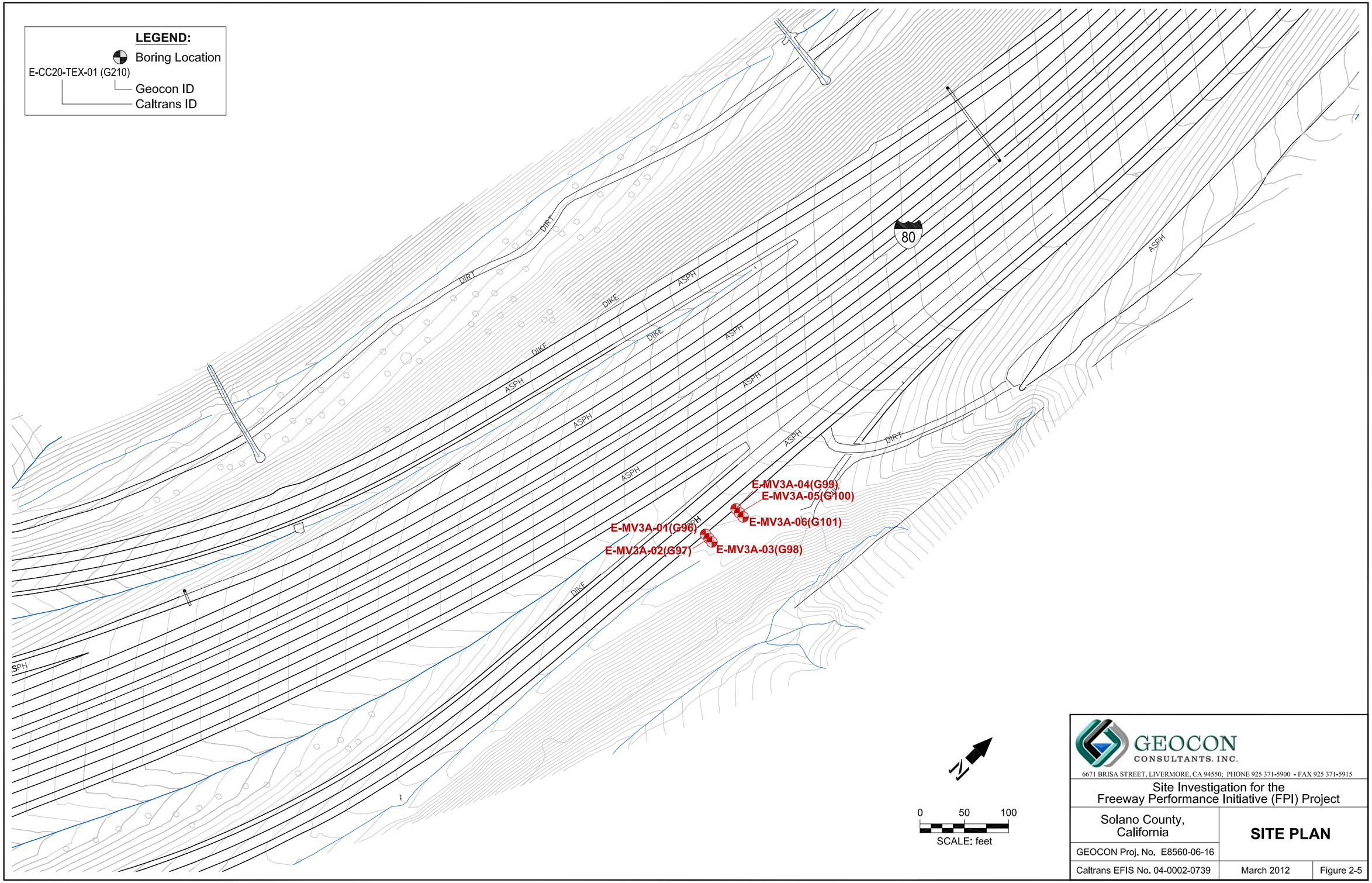
March 2012

Figure 2-4d

SITE0312



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Site Investigation for the Freeway Performance Initiative (FPI) Project

Solano County, California

SITE PLAN

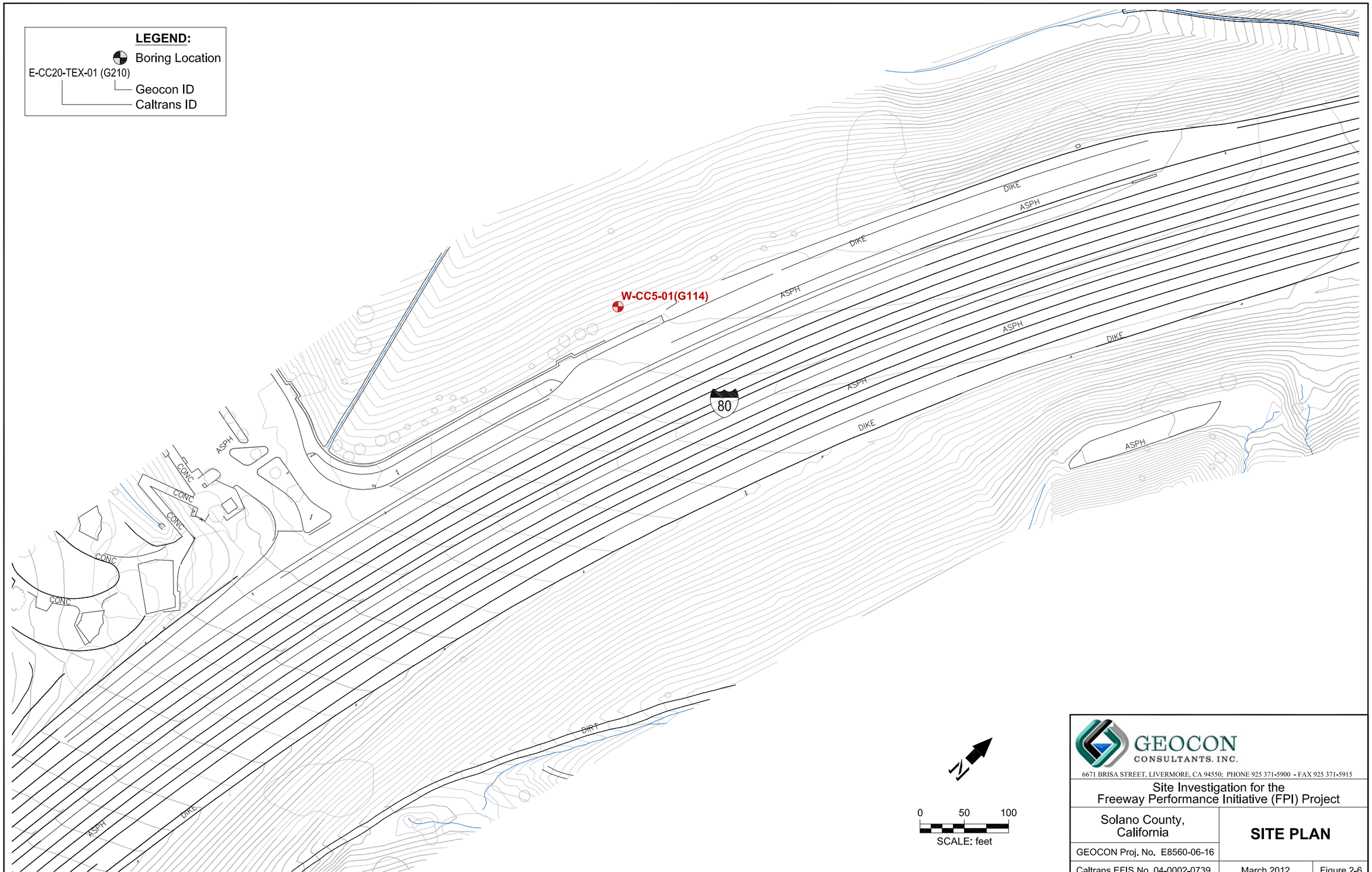
GEOCON Proj. No. E8560-06-16

Caltrans EFIS No. 04-0002-0739

March 2012

Figure 2-5

SITE0312



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Caltrans EFIS No. 04-0002-0739

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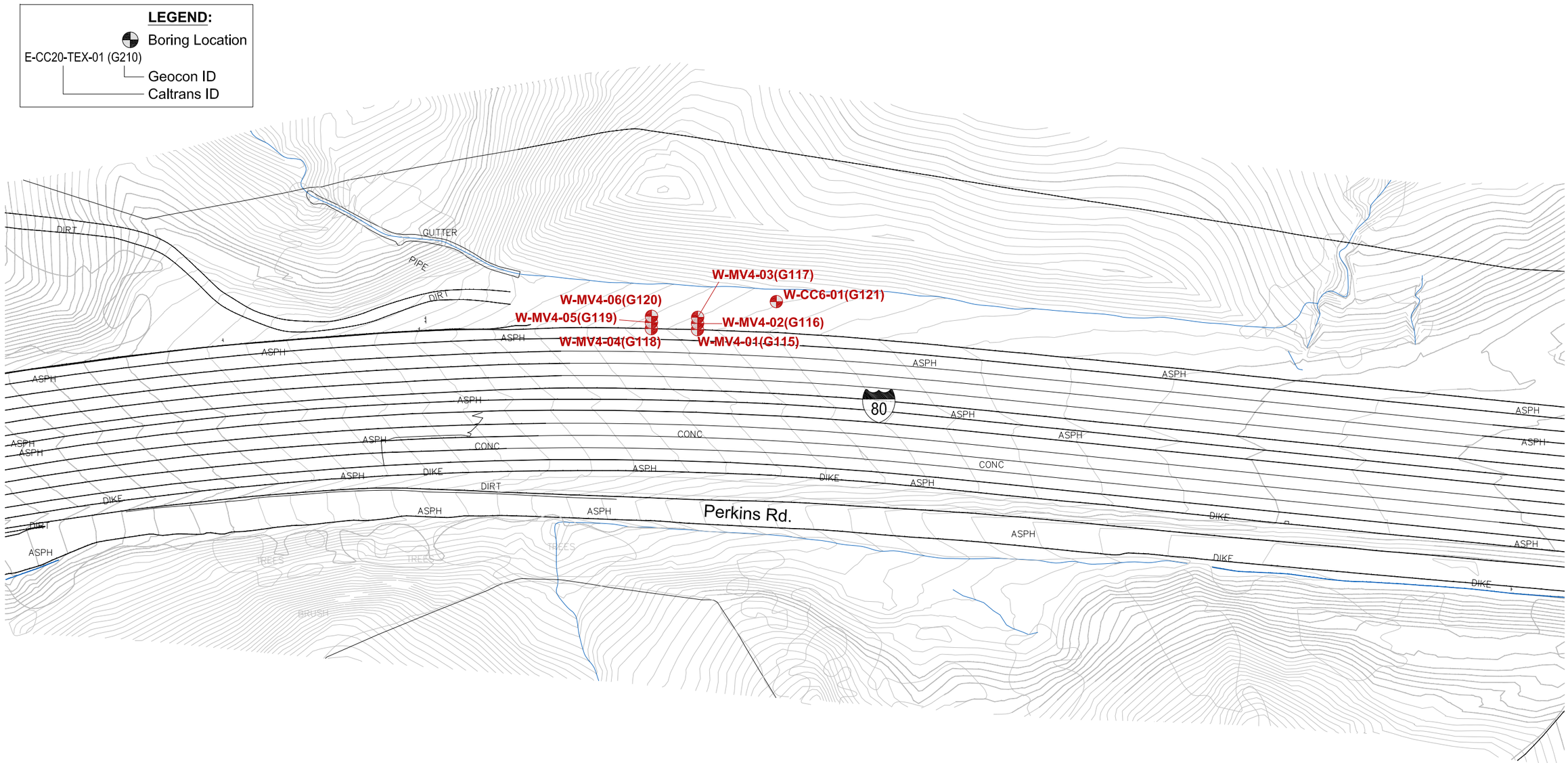
Figure 2-6

SITE0312



0 50 100
SCALE: feet

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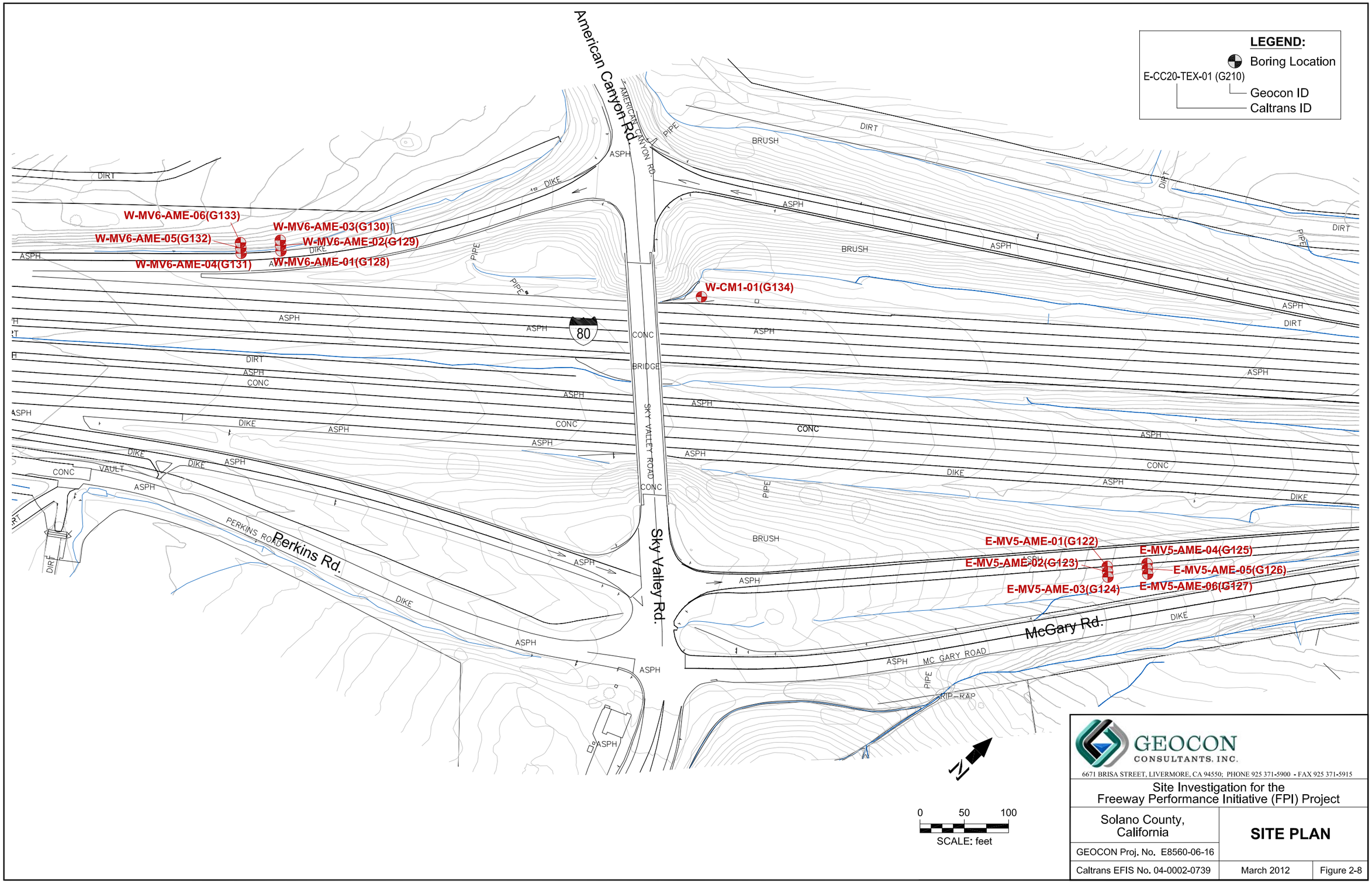
SITE PLAN

GEOCON Proj. No. E8560-06-16

Caltrans EFIS No. 04-0002-0739 | March 2012 | Figure 2-7

SITE0312



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SITE PLAN

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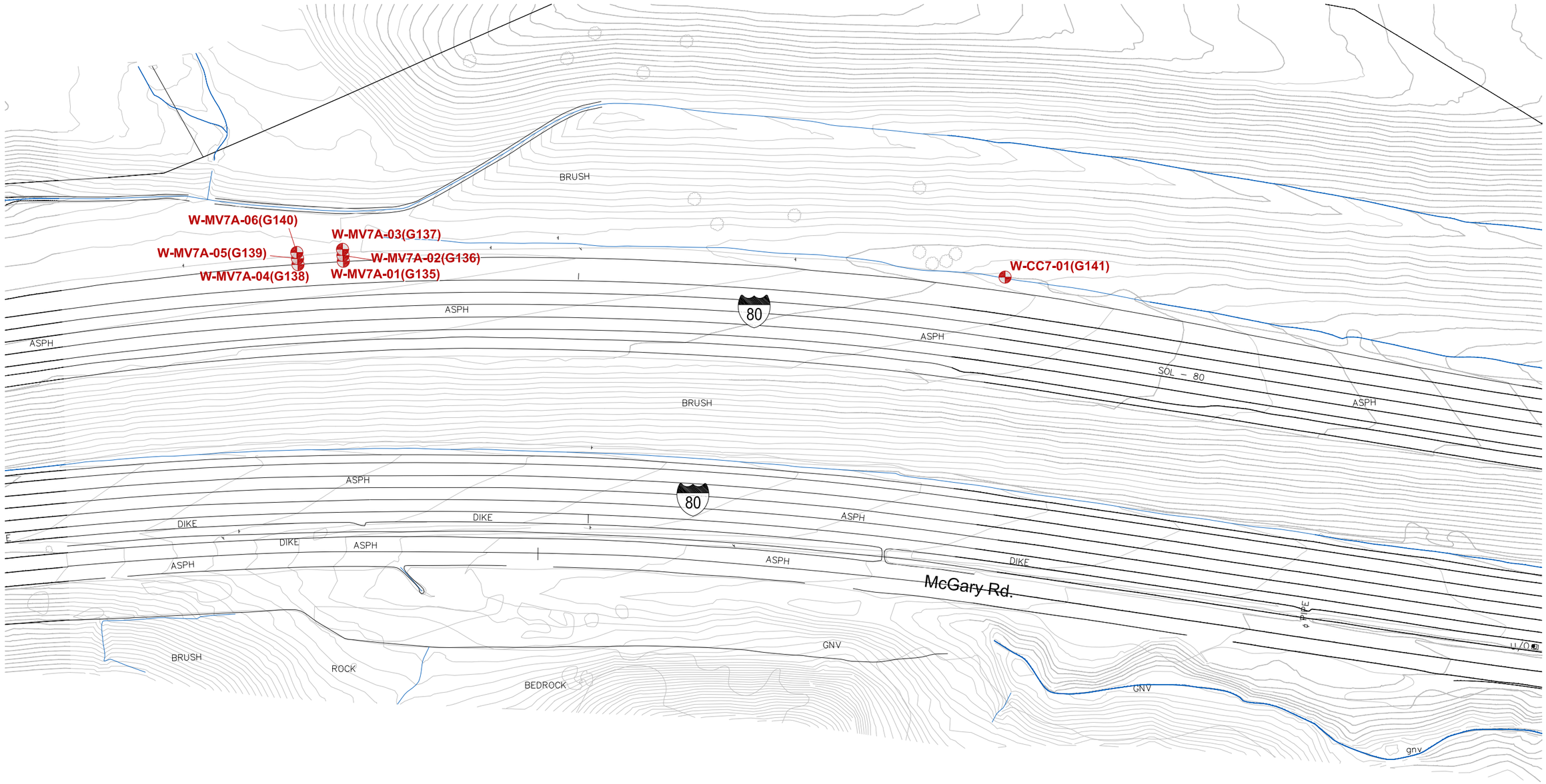
Figure 2-8

SITE0312



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Boring Location

E-CC20-TEX-01 (G210)

Geocon ID

Caltrans ID

N

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SCALE: feet

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SITE PLAN

GEOCON Proj. No. E8560-06-16

Caltrans EFIS No. 04-0002-0739

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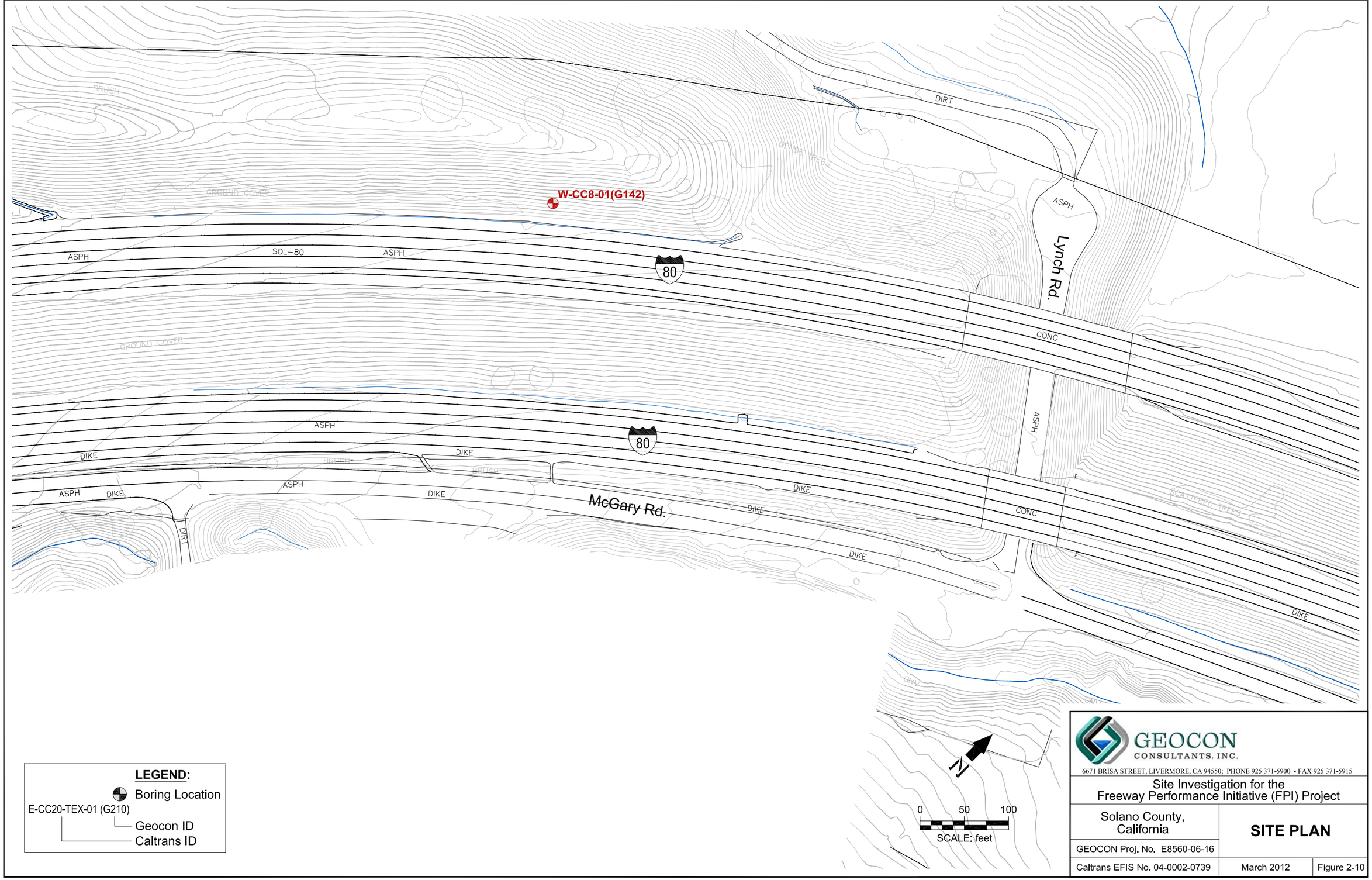
Figure 2-9

SITE0312



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SITE PLAN

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Figure 2-10

SITE0312

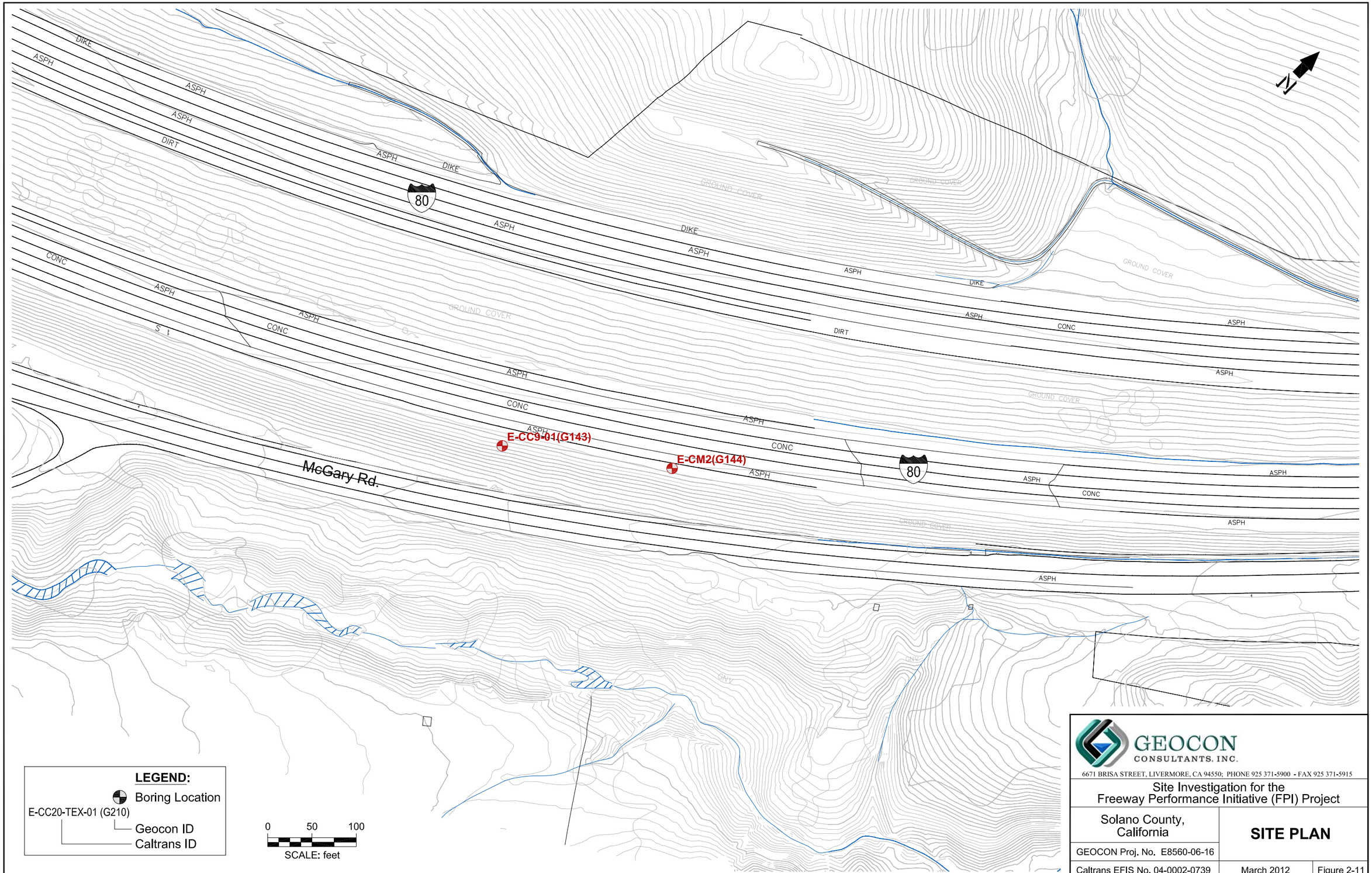

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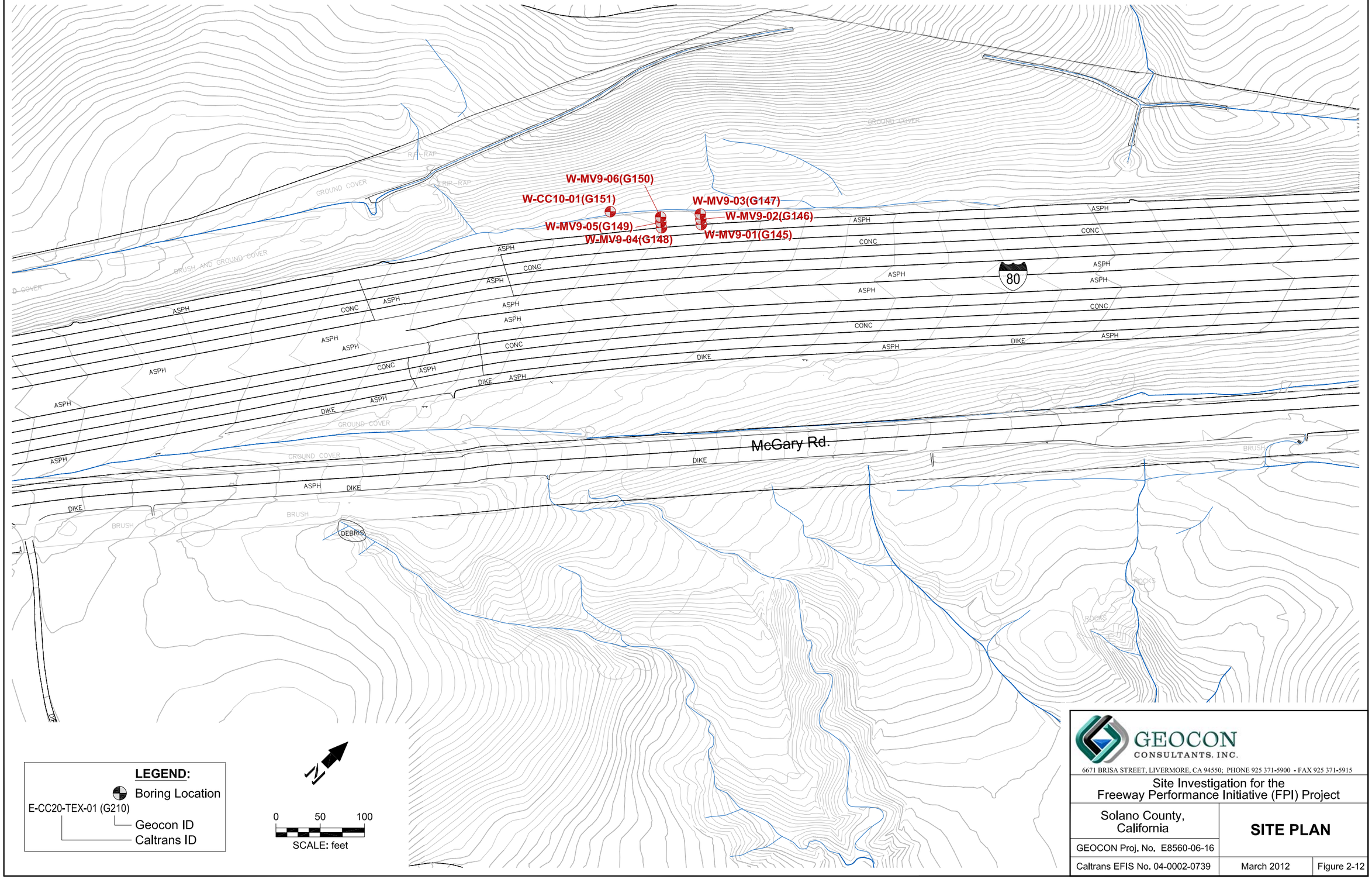
Figure 2-11

SITE0312



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SITE PLAN

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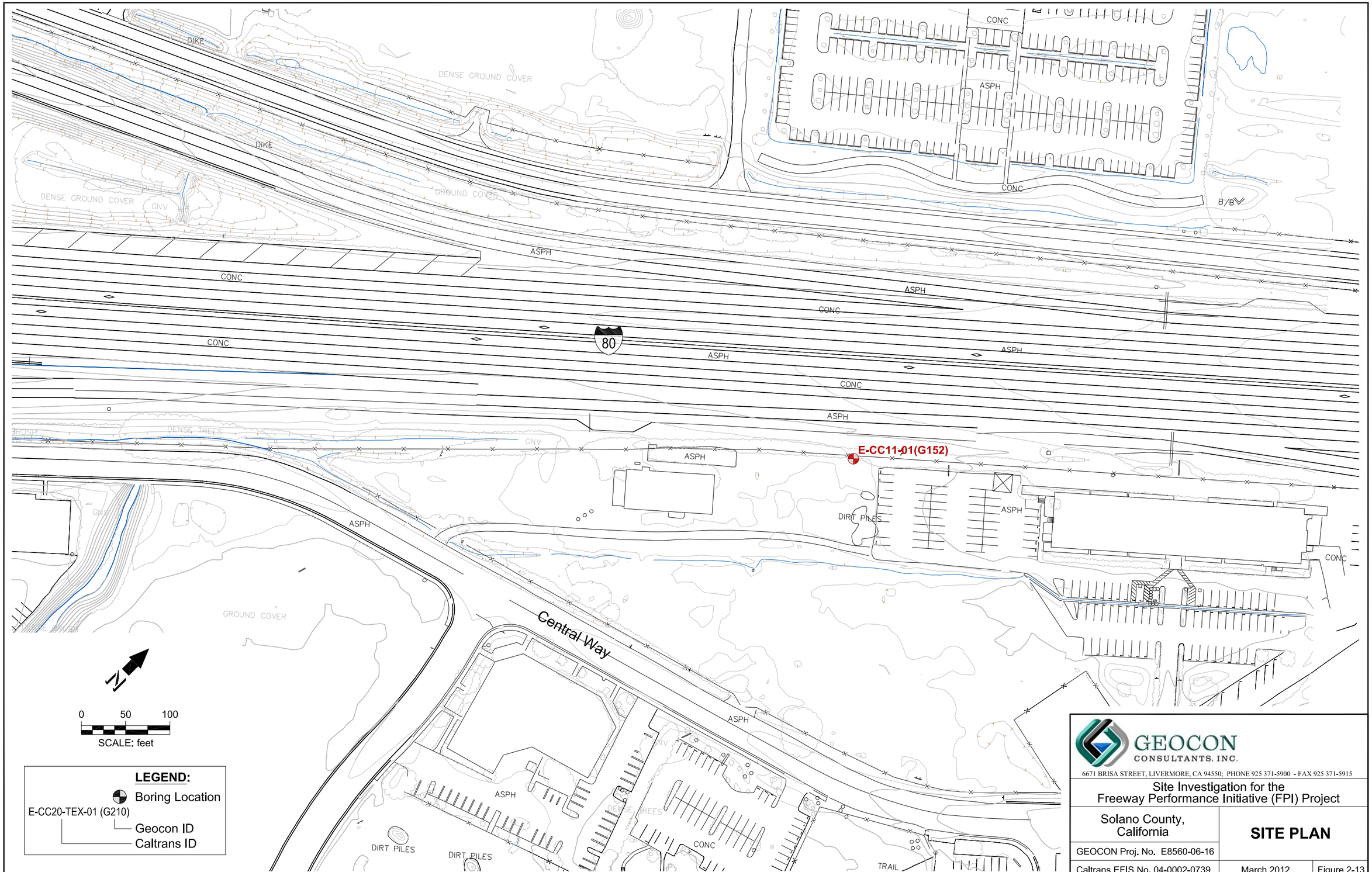
March 2012

Figure 2-12

SITE0312



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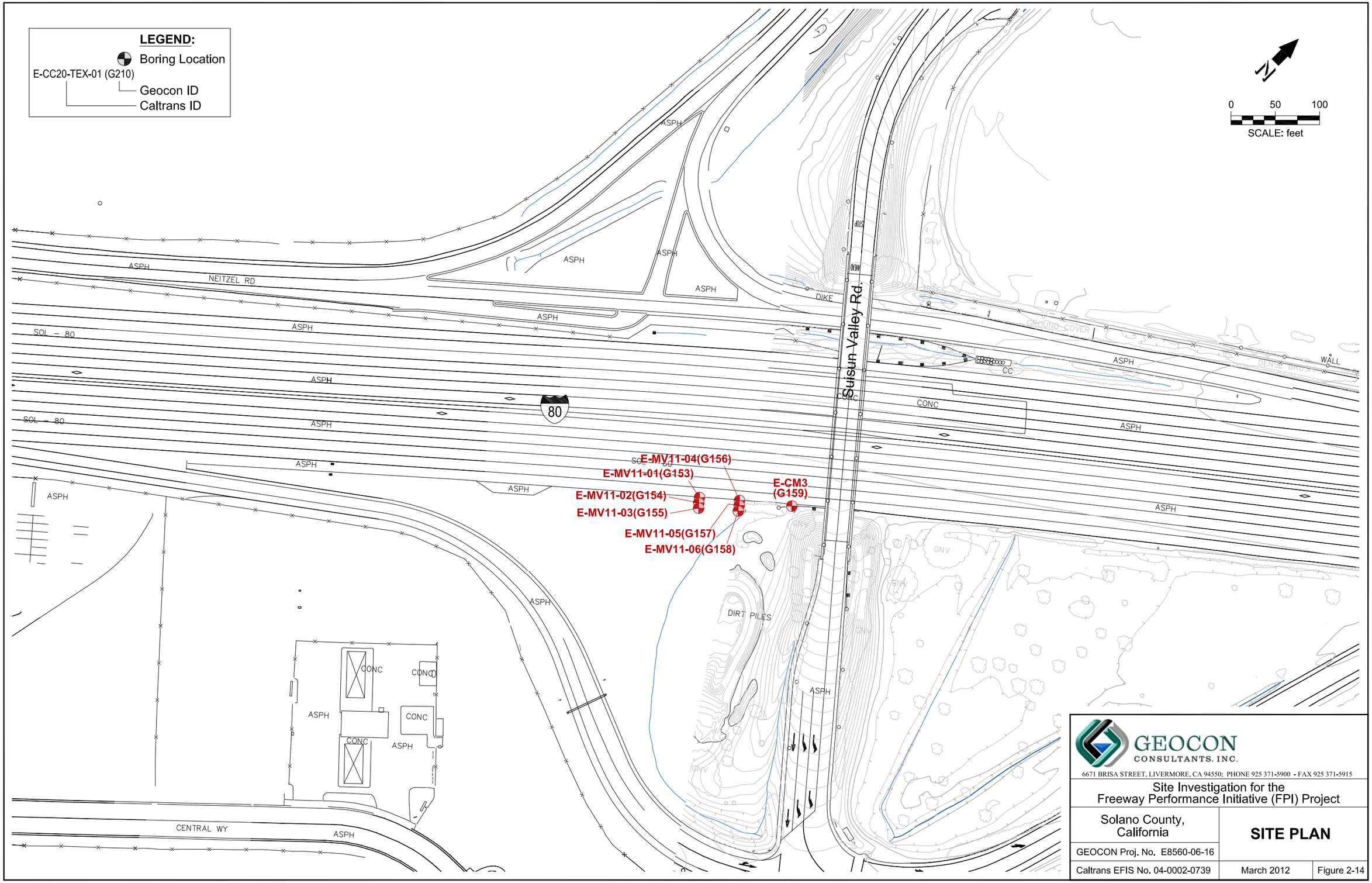
Solano County, California	**SITE PLAN**
GEOCON Proj. No. E8560-06-16	
Caltrans EFIS No. 04-0002-0739	March 2012 — Figure 2-13

SITE0312



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Solano County, California

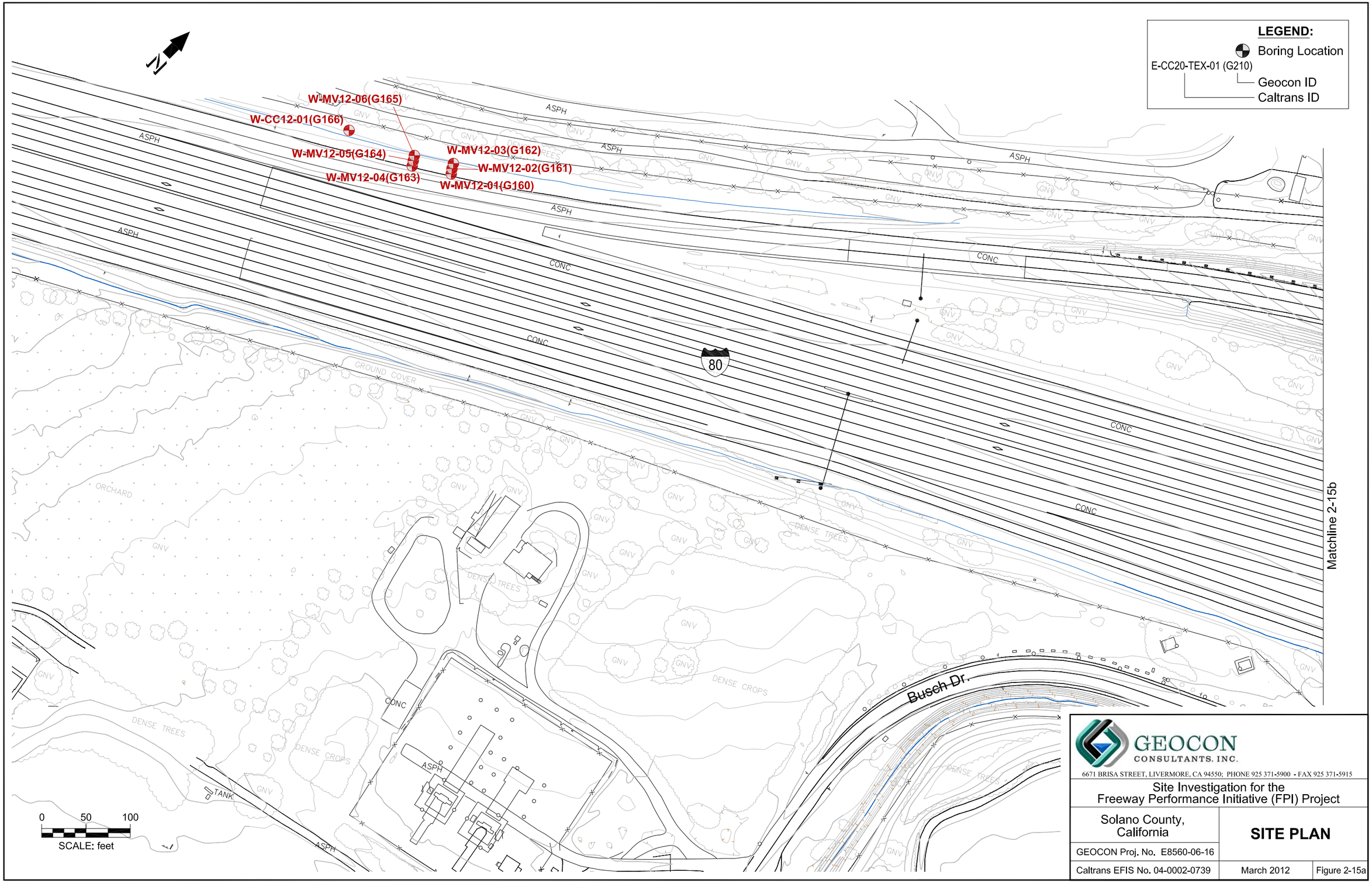
SITE PLAN

GEOCON Proj. No. E8560-06-16

Caltrans EFIS No. 04-0002-0739

March 2012

Figure 2-14



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Solano County, California

SITE PLAN

GEOCON Proj. No. E8560-06-16

Caltrans EFIS No. 04-0002-0739

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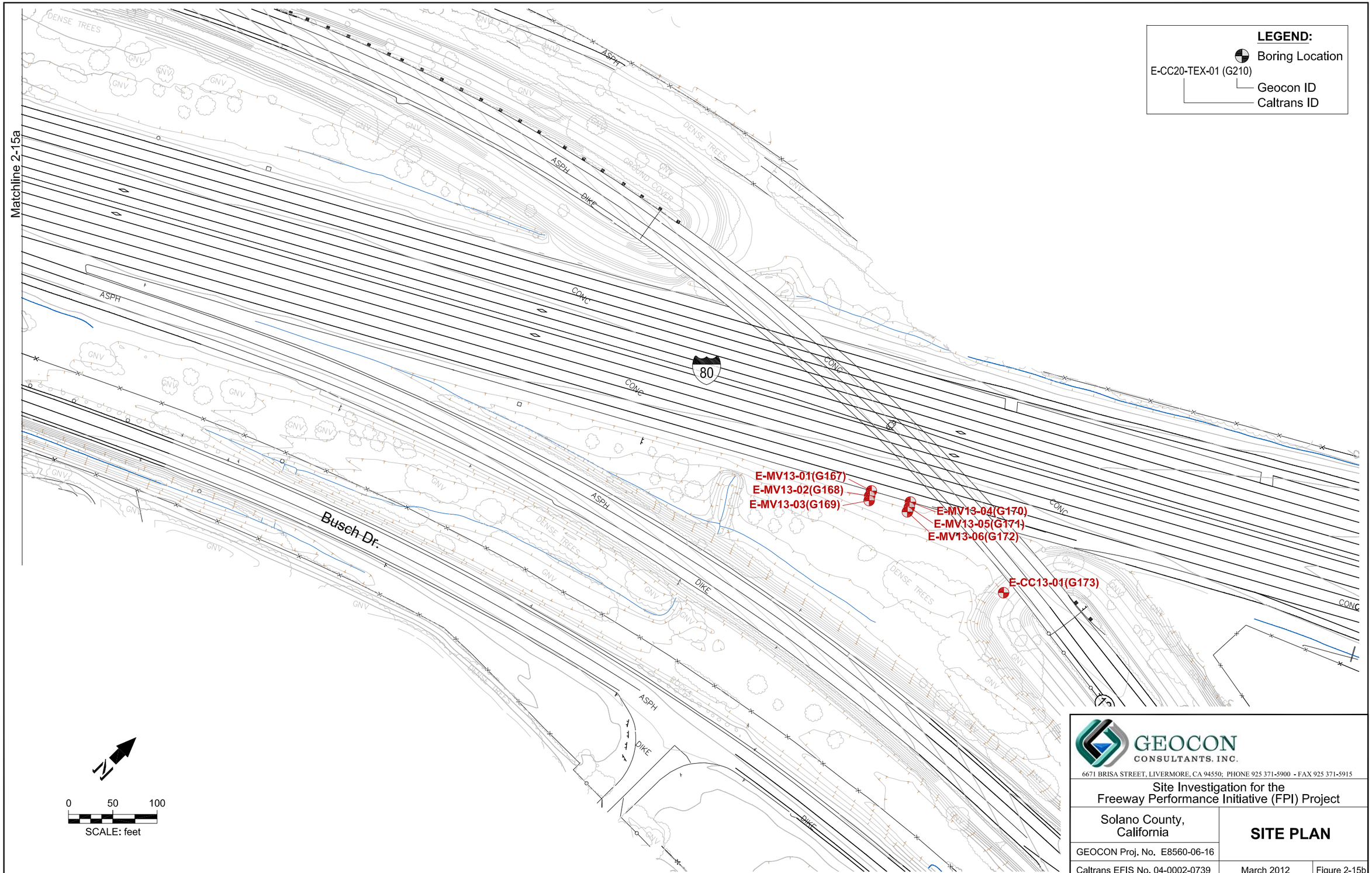
Figure 2-15a

SITE0312



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SITE PLAN

GEOCON Proj. No. E8560-06-16

Caltrans EFIS No. 04-0002-0739

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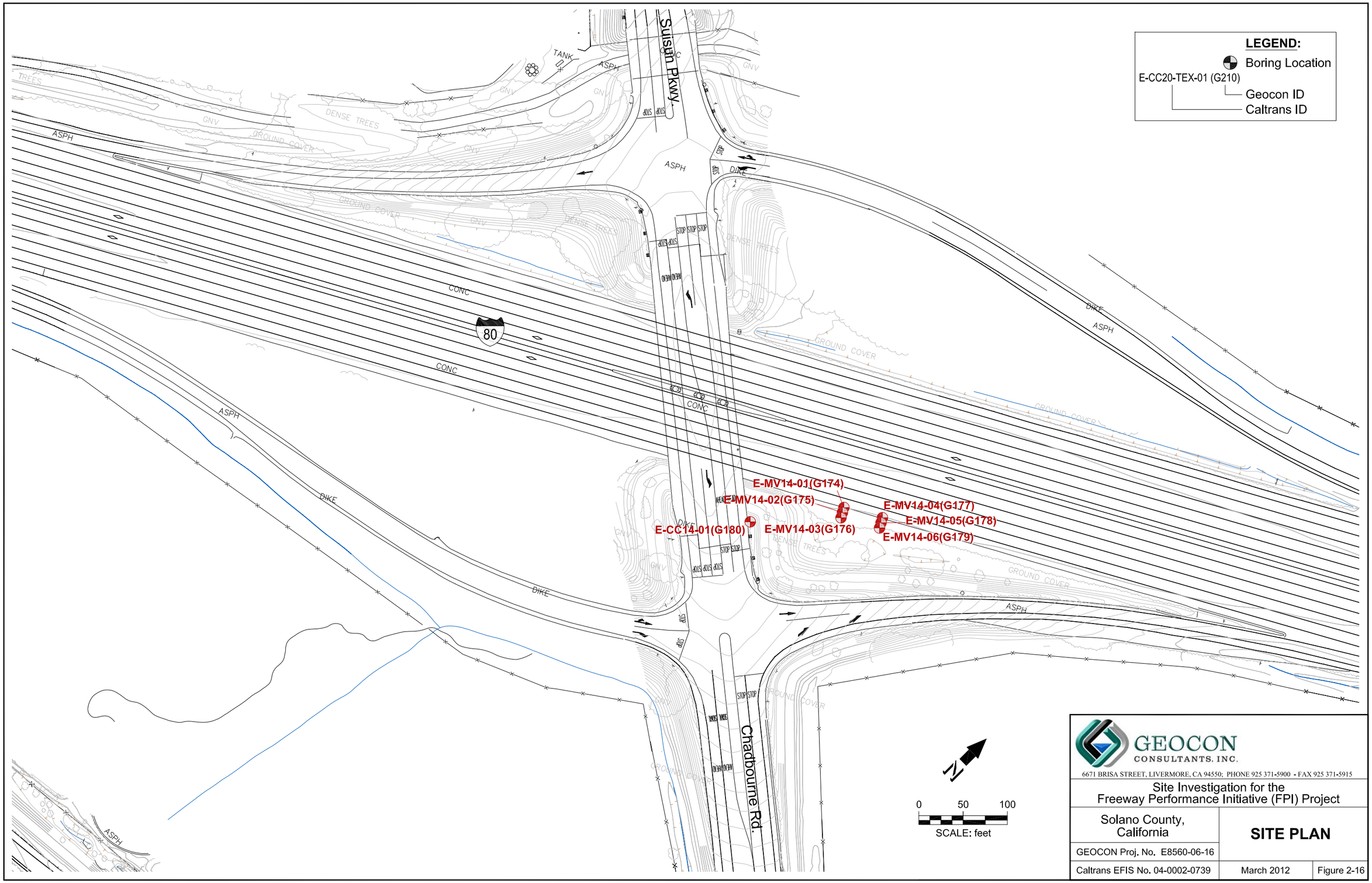
Figure 2-15b

SITE0312



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SITE PLAN

GEOCON Proj. No. E8560-06-16

Caltrans EFIS No. 04-0002-0739

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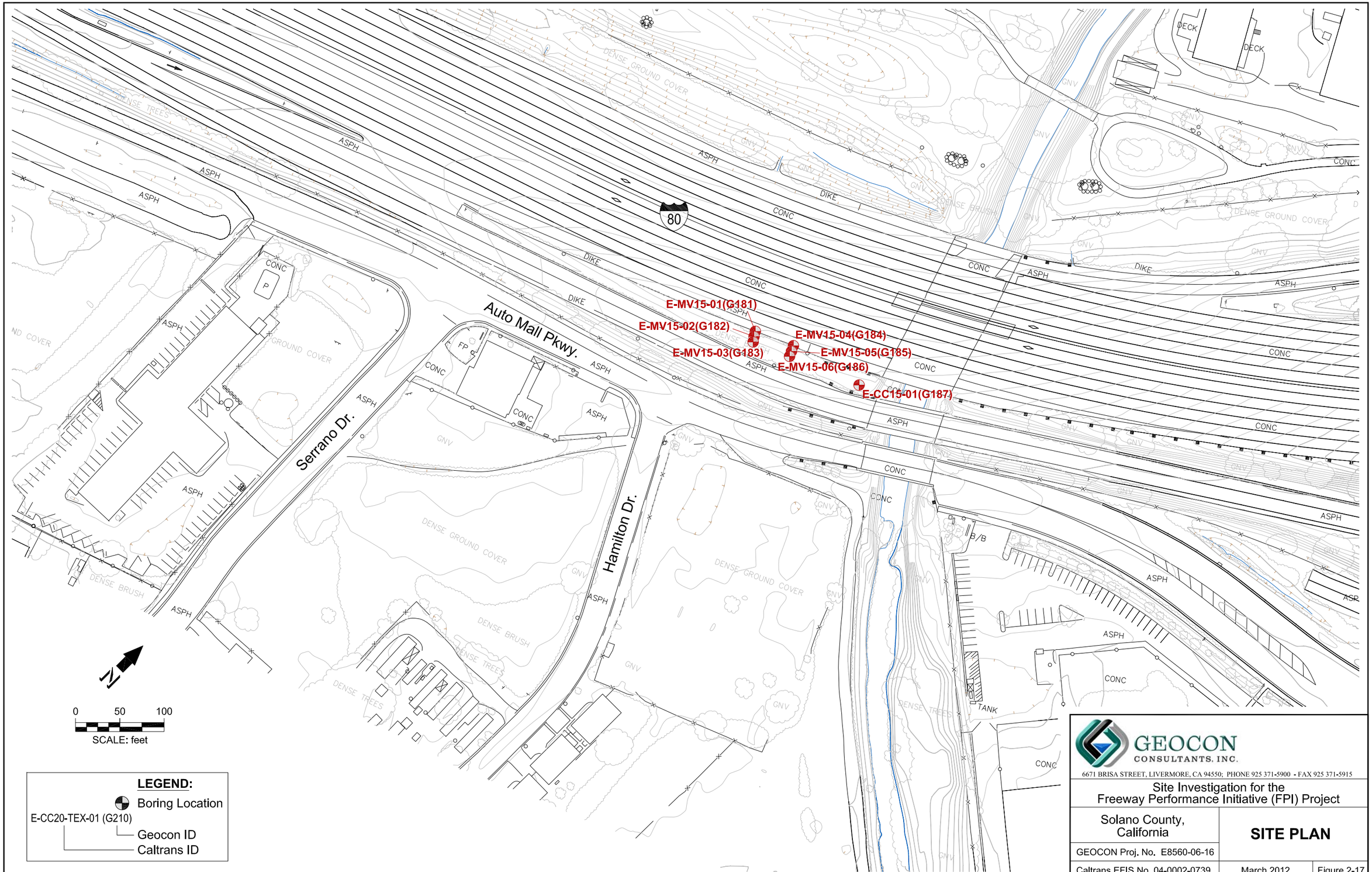
Figure 2-16

SITE0312



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Solano County, California

SITE PLAN

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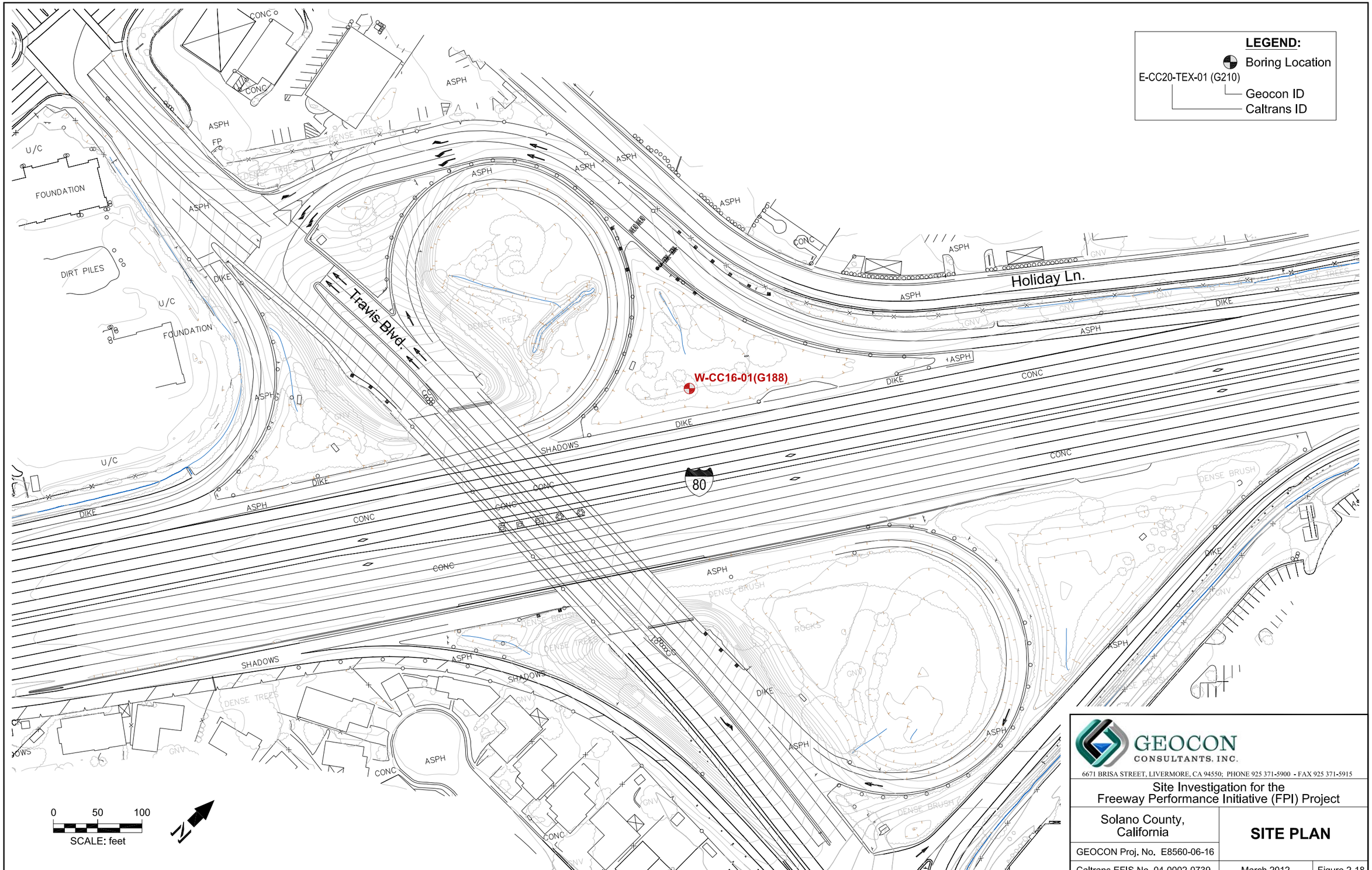
Caltrans EFIS No. 04-0002-0739 | March 2012 | Figure 2-17

SITE0312



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Solano County, California

SITE PLAN

GEOCON Proj. No. E8560-06-16

Caltrans EFIS No. 04-0002-0739

March 2012

Figure 2-18

SITE0312

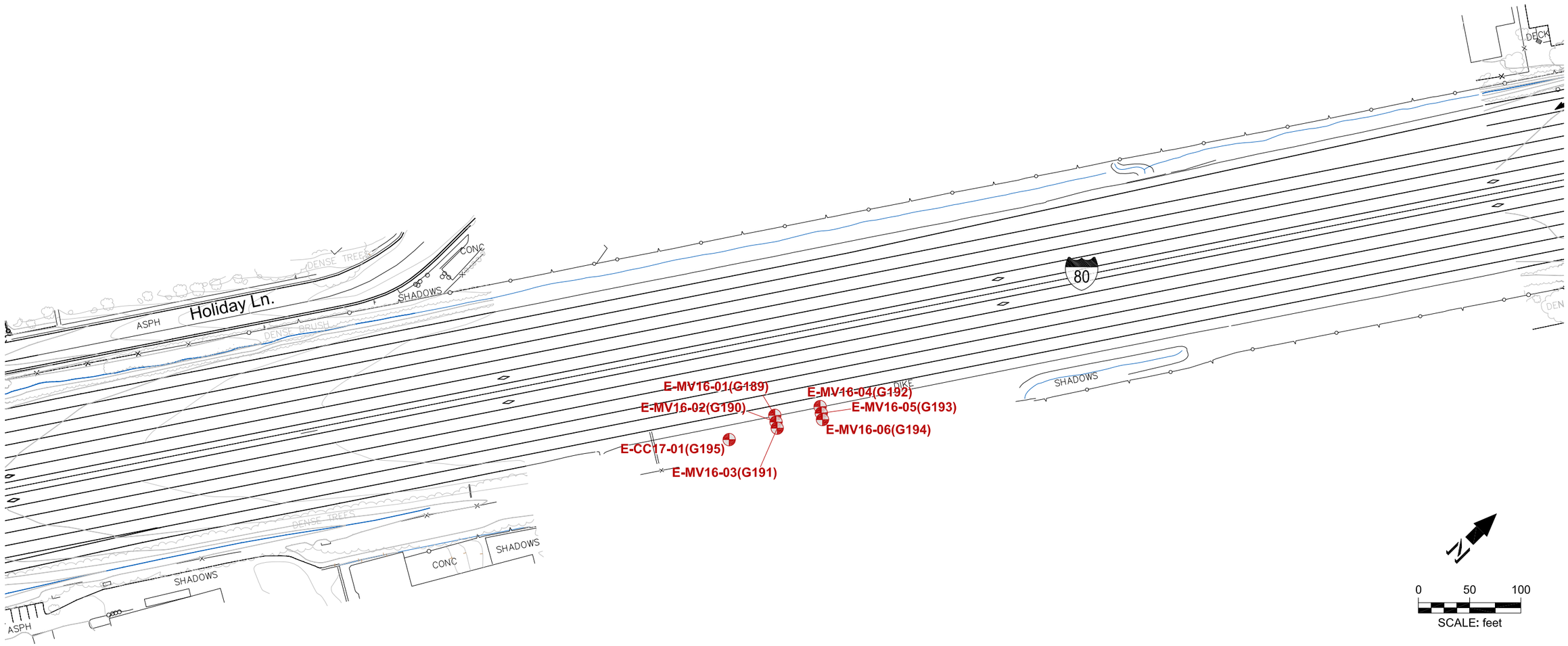
LEGEND:

Boring Location

E-CC20-TEX-01 (G210)

Geocon ID

Caltrans ID



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Solano County, California

SITE PLAN

GEOCON Proj. No. E8560-06-16

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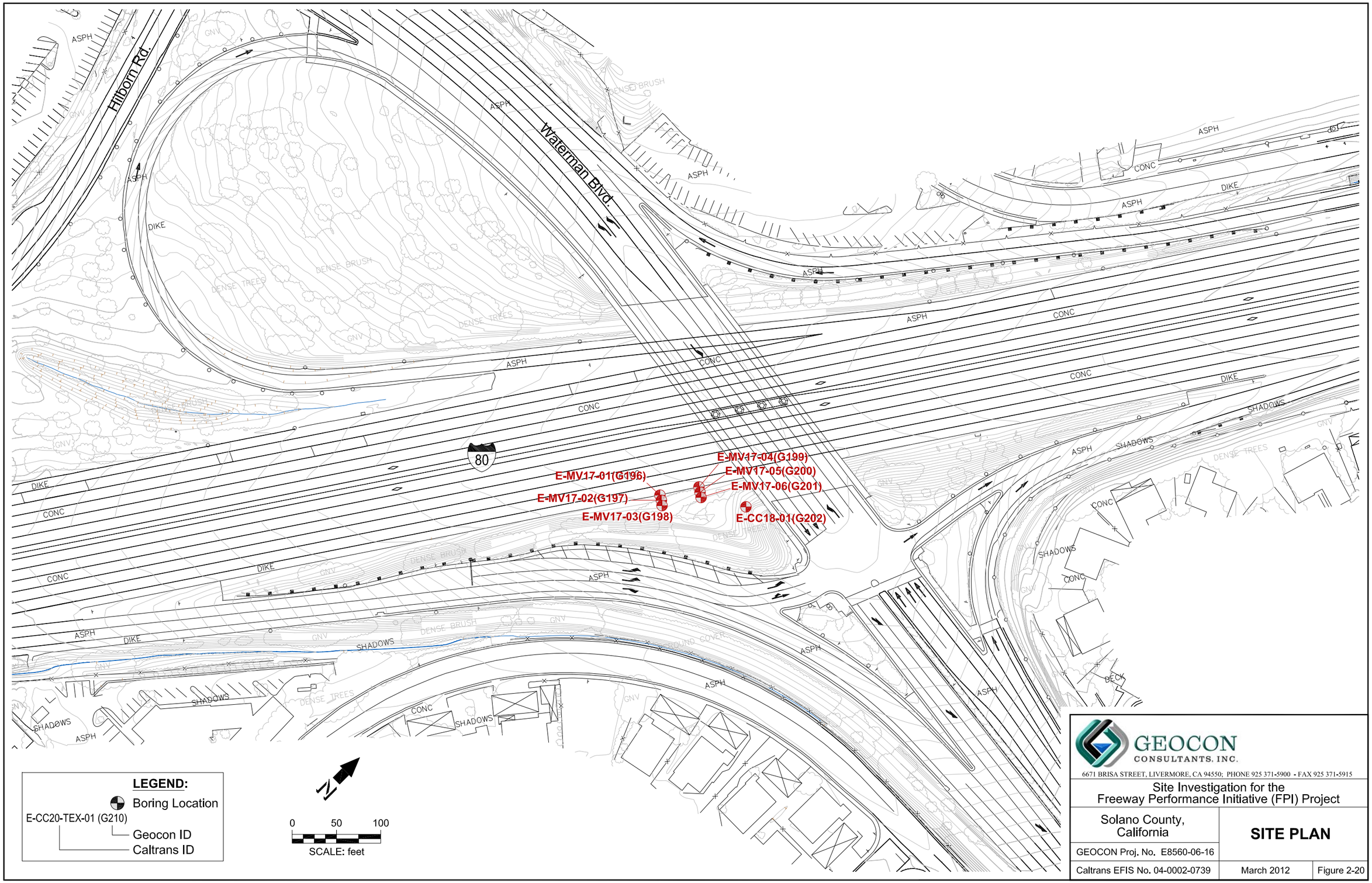
Figure 2-19

SITE0312



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SITE PLAN

GEOCON Proj. No. E8560-06-16

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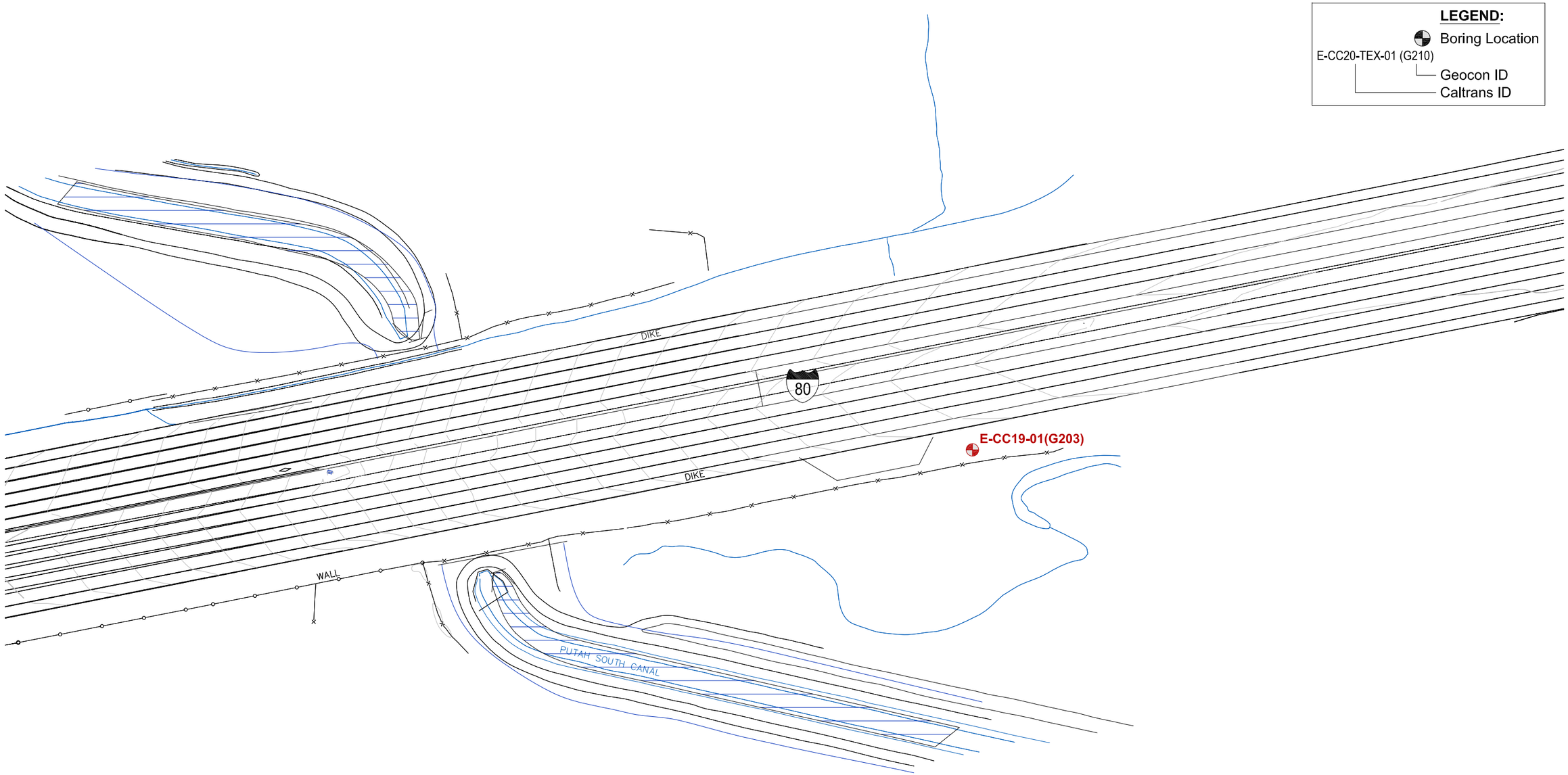
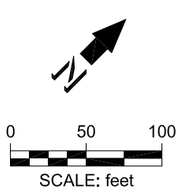
Figure 2-20

SITE0312





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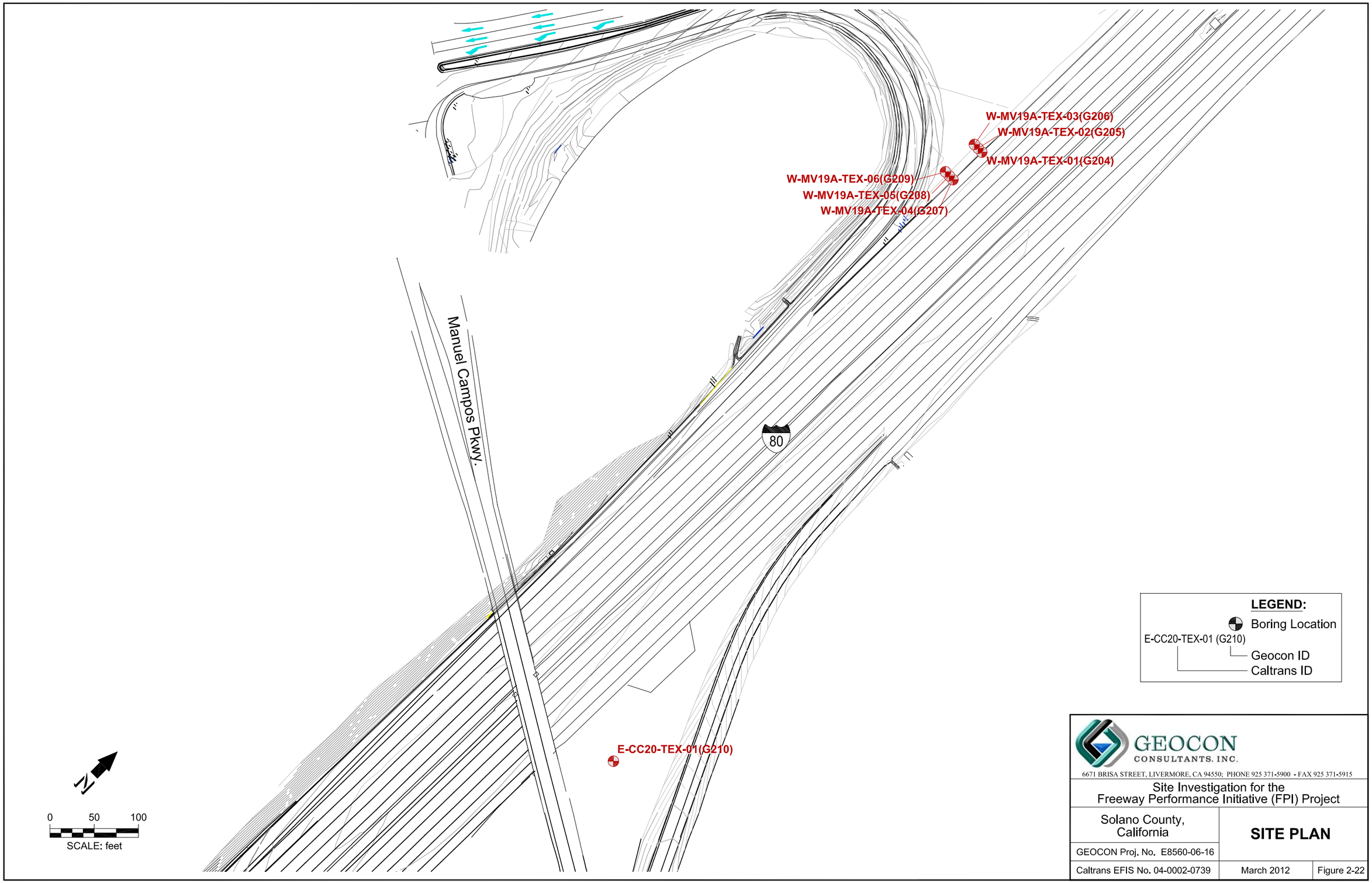
Solano County, California	**SITE PLAN**	
GEOCON Proj. No. E8560-06-16		
Caltrans EFIS No. 04-0002-0739	March 2012	Figure 2-21

SITE0312



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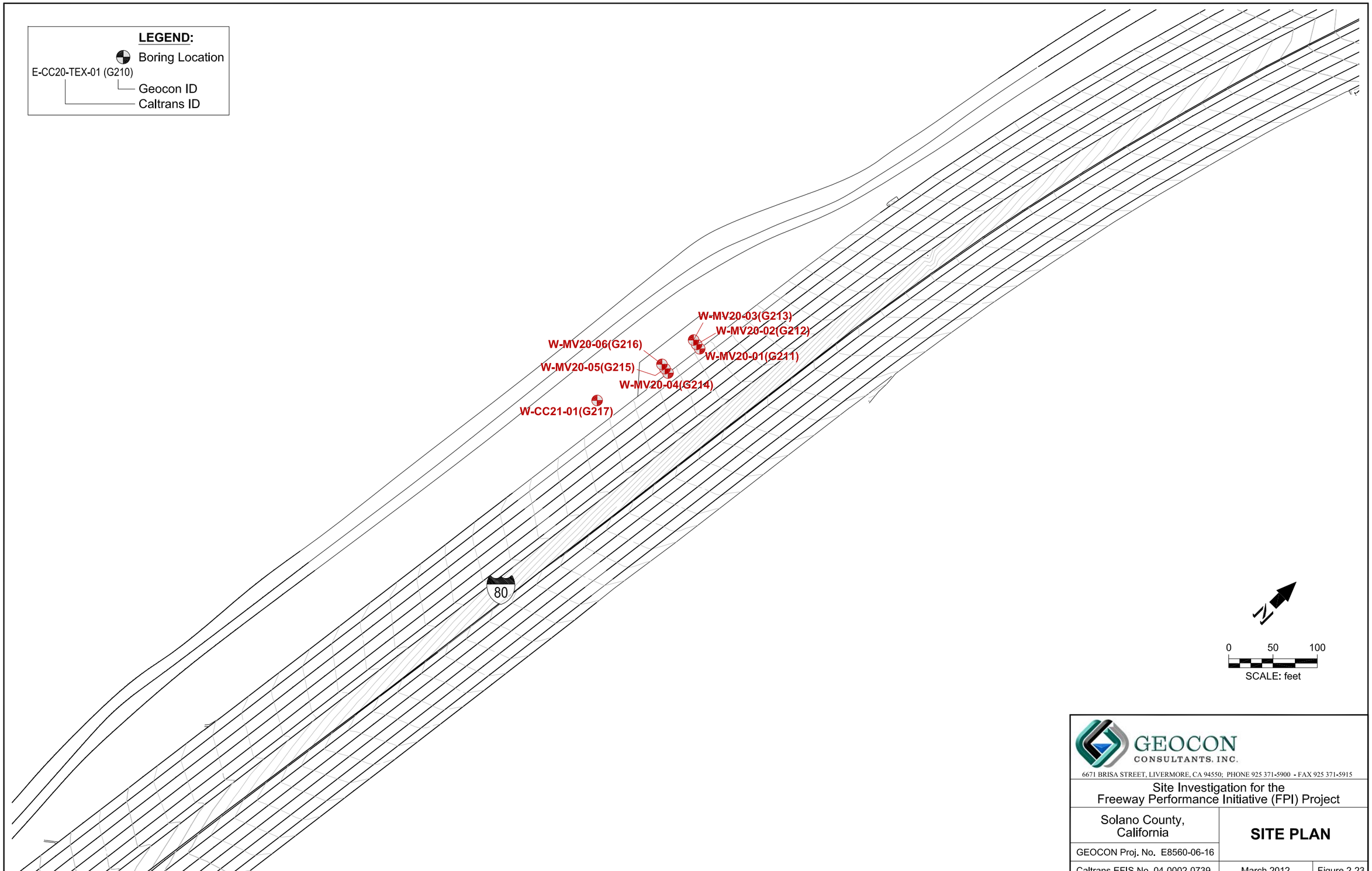
Site Investigation for the Freeway Performance Initiative (FPI) Project

Solano County, California	**SITE PLAN**
GEOCON Proj. No. E8560-06-16	
Caltrans EFIS No. 04-0002-0739	March 2012 — Figure 2-22

SITE0312



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SITE PLAN

GEOCON Proj. No. E8560-06-16

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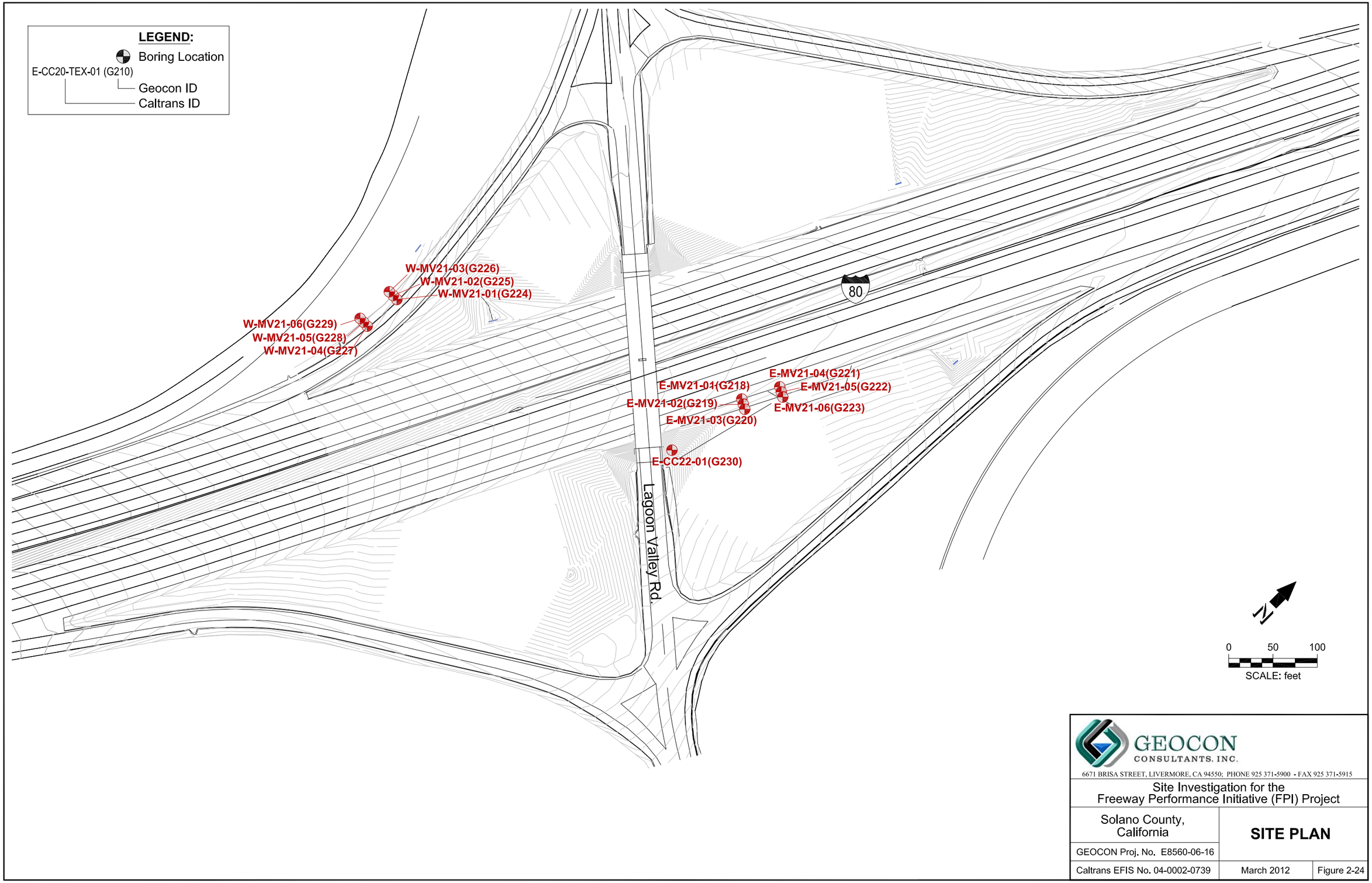
Figure 2-23

SITE0312



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Solano County, California

SITE PLAN

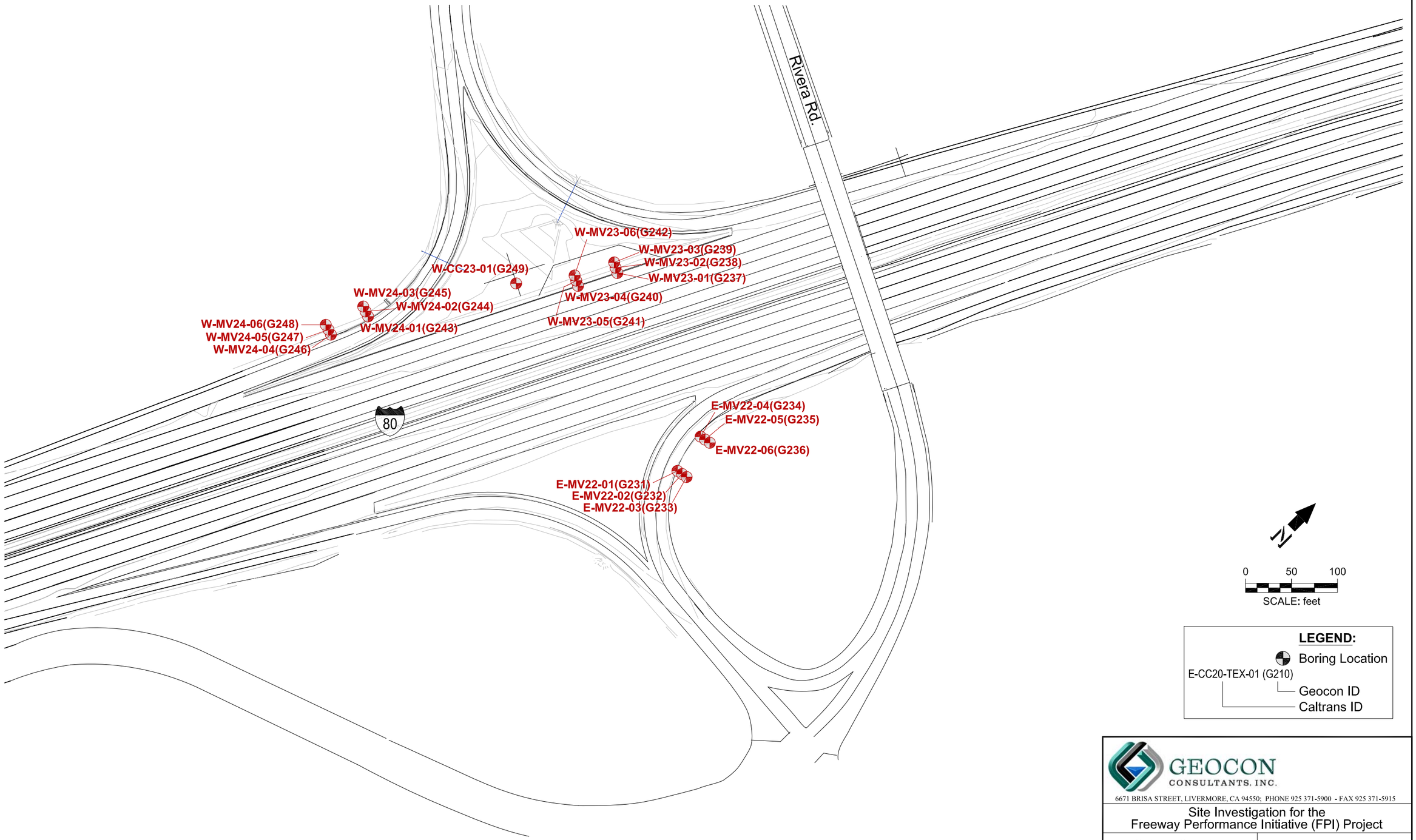
GEOCON Proj. No. E8560-06-16

Caltrans EFIS No. 04-0002-0739

March 2012

Figure 2-24

SITE0312



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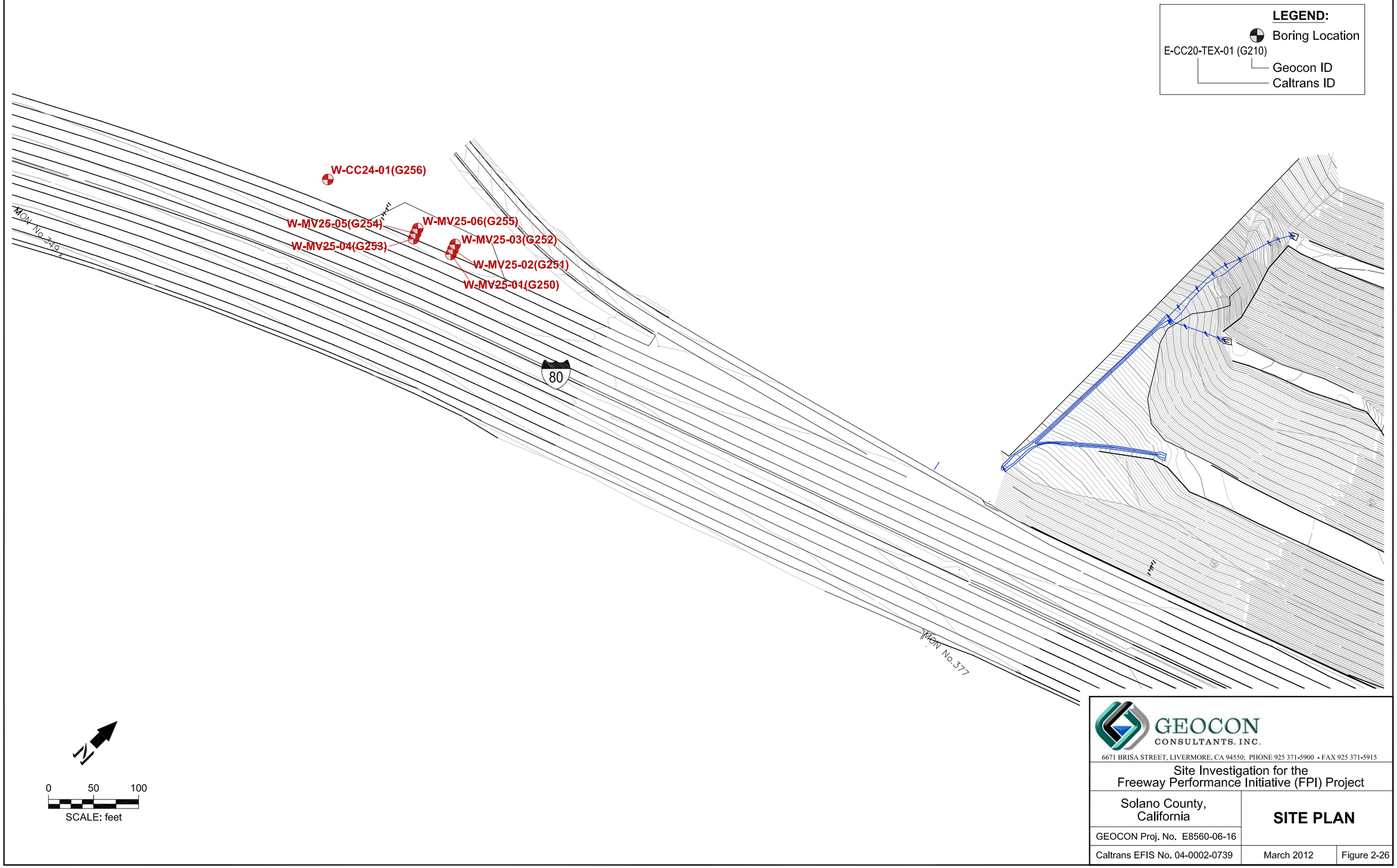
Solano County, California	**SITE PLAN**	
GEOCON Proj. No. E8560-06-16		
Caltrans EFIS No. 04-0002-0739	March 2012	Figure 2-25

SITE0312



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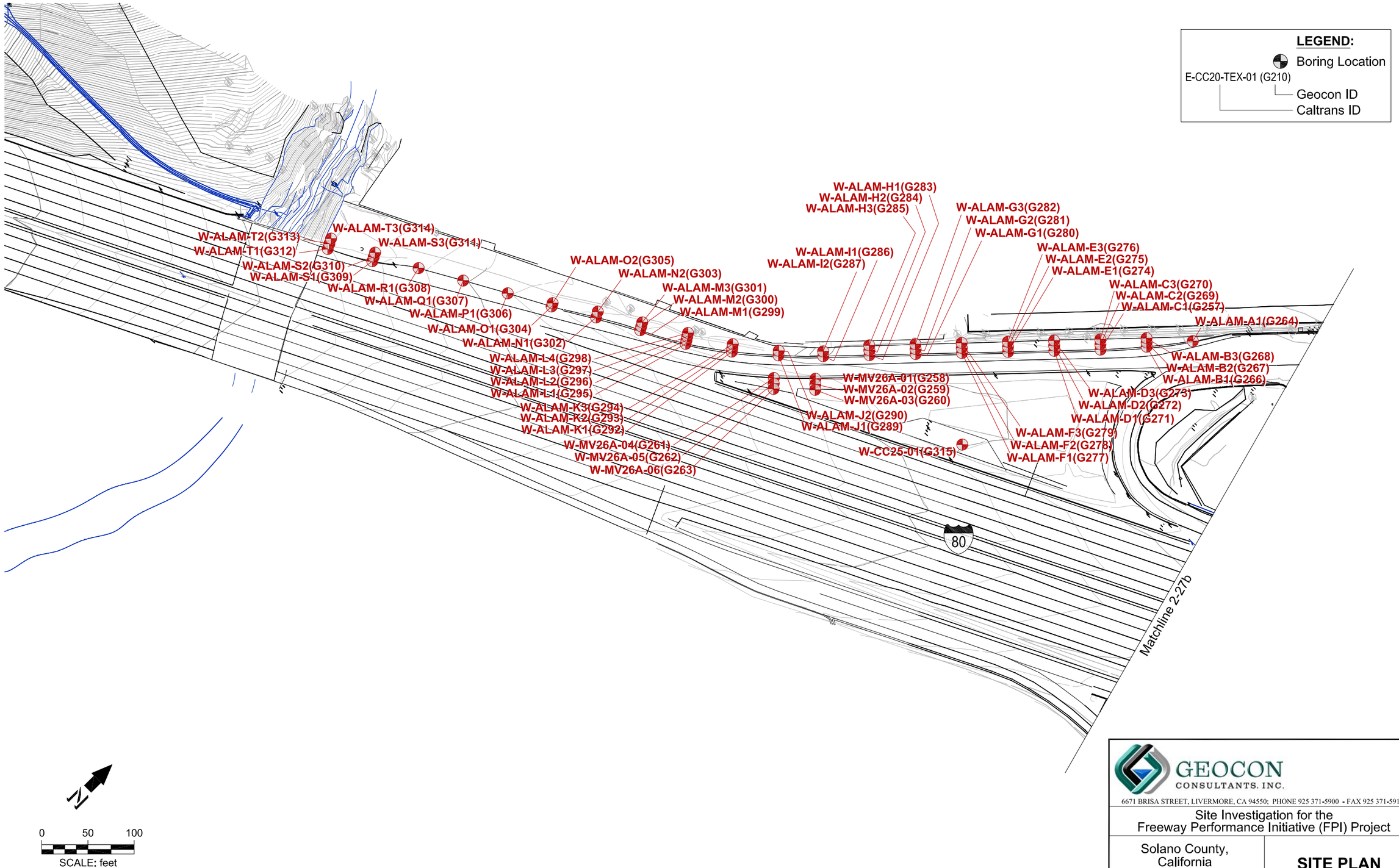
Solano County, California

SITE PLAN

GEOCON Proj. No. E8560-06-16

Caltrans EFIS No. 04-0002-0739 | March 2012 | Figure 2-26

SITE0312



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Freeway Performance Initiative (FPI) Project

Solano County, California

SITE PLAN

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Figure 2-27a

SITE0312

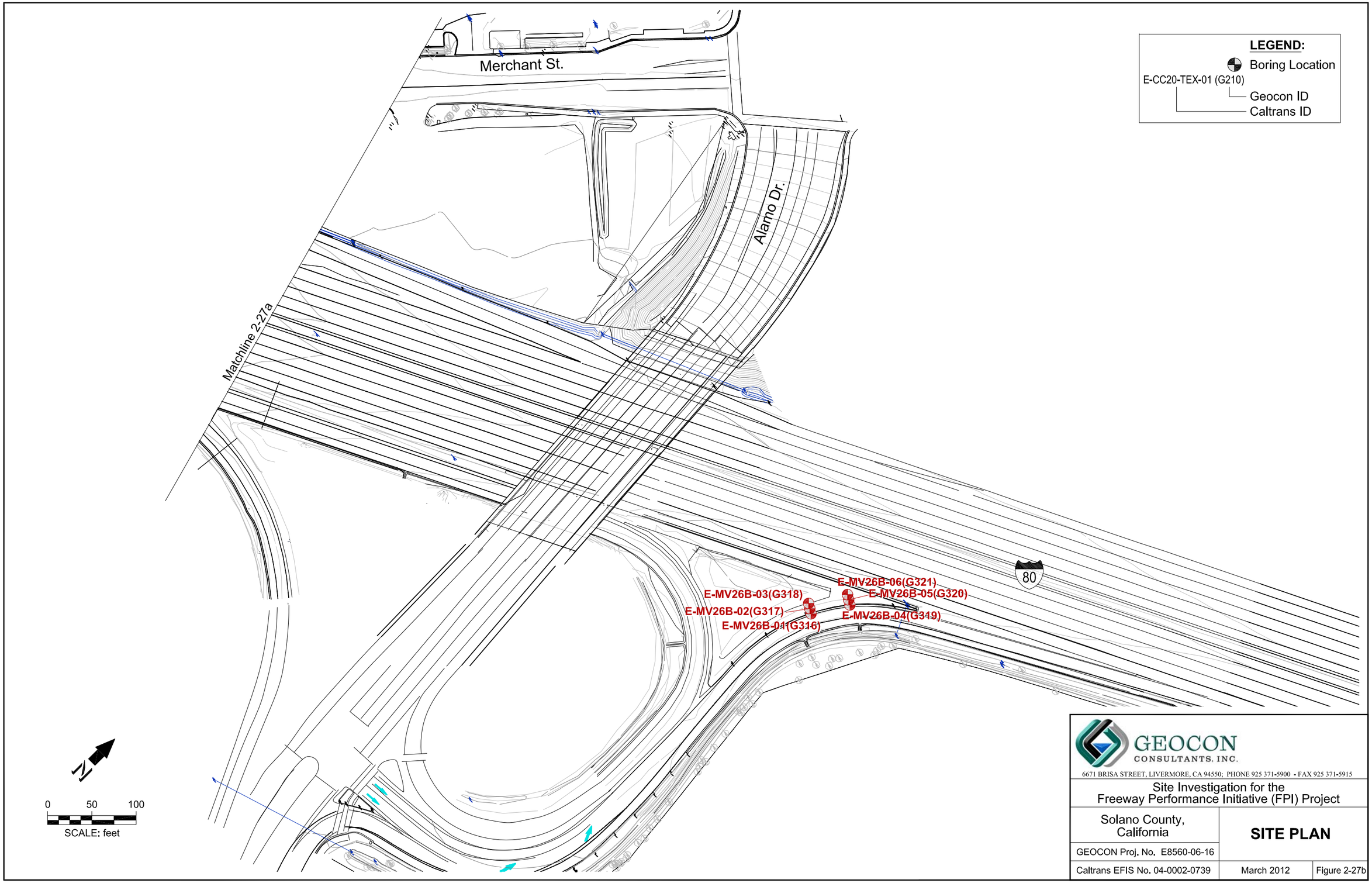

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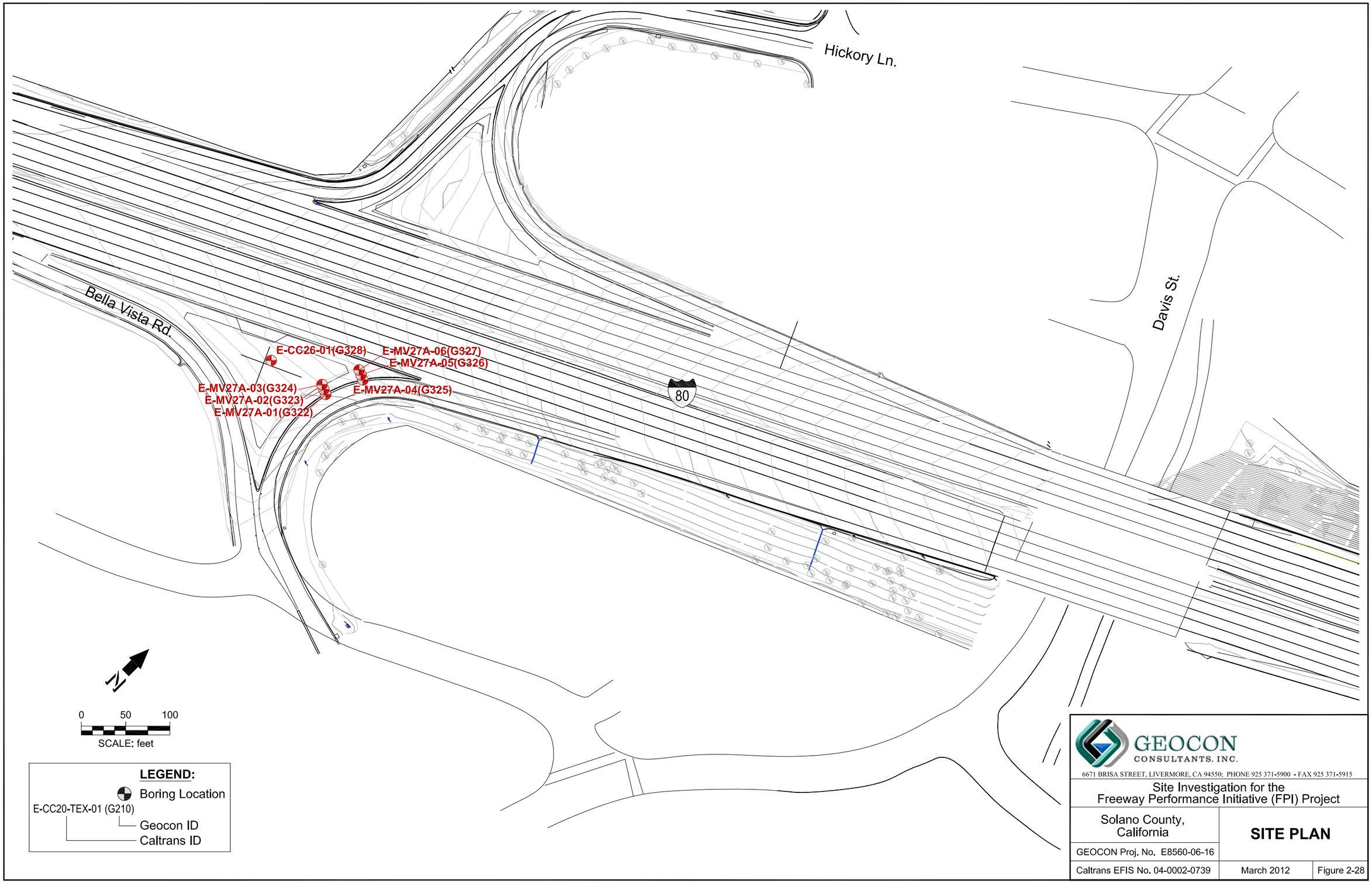
Figure 2-27b

SITE0312



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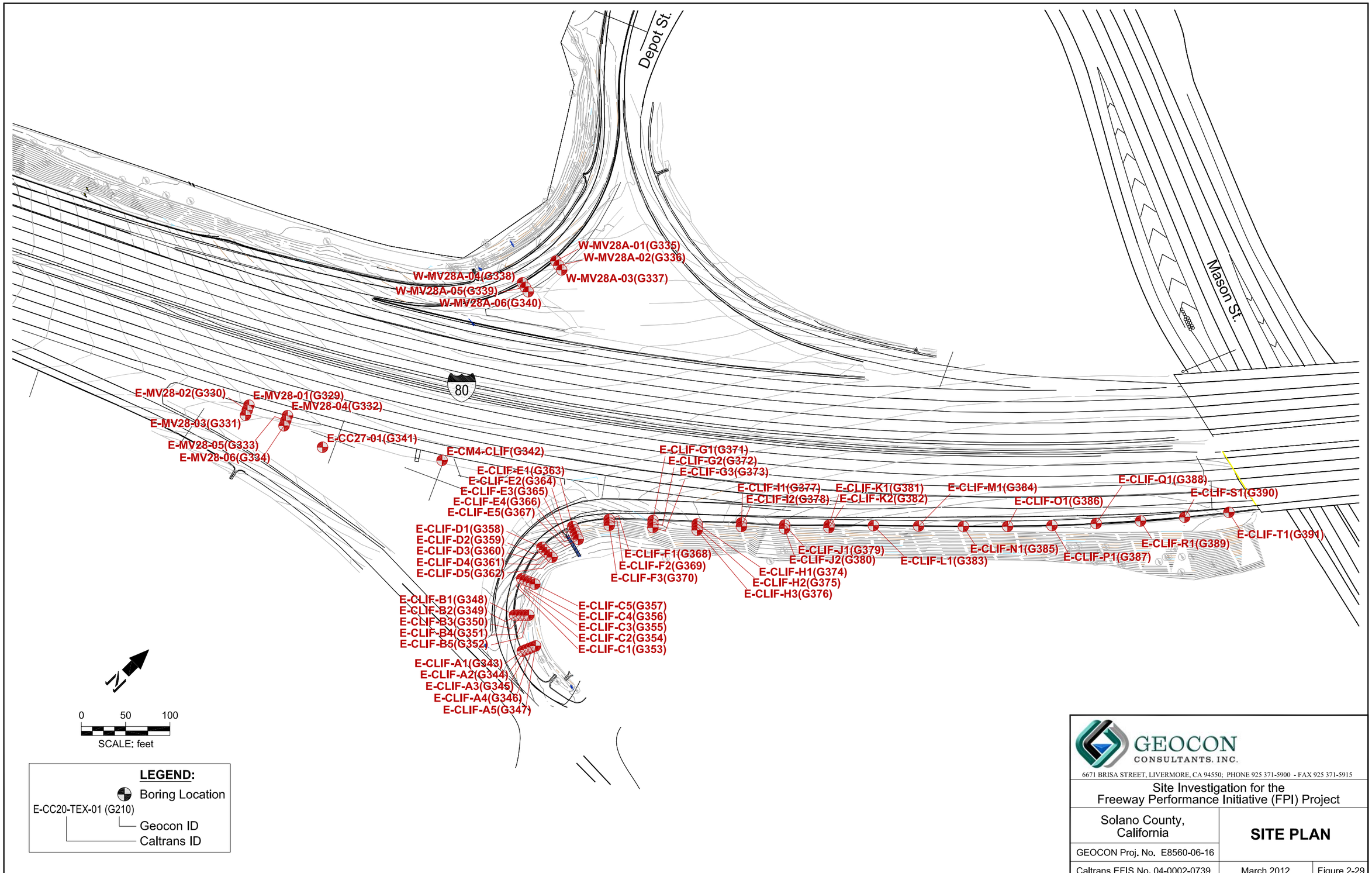
March 2012

Figure 2-28

SITE0312



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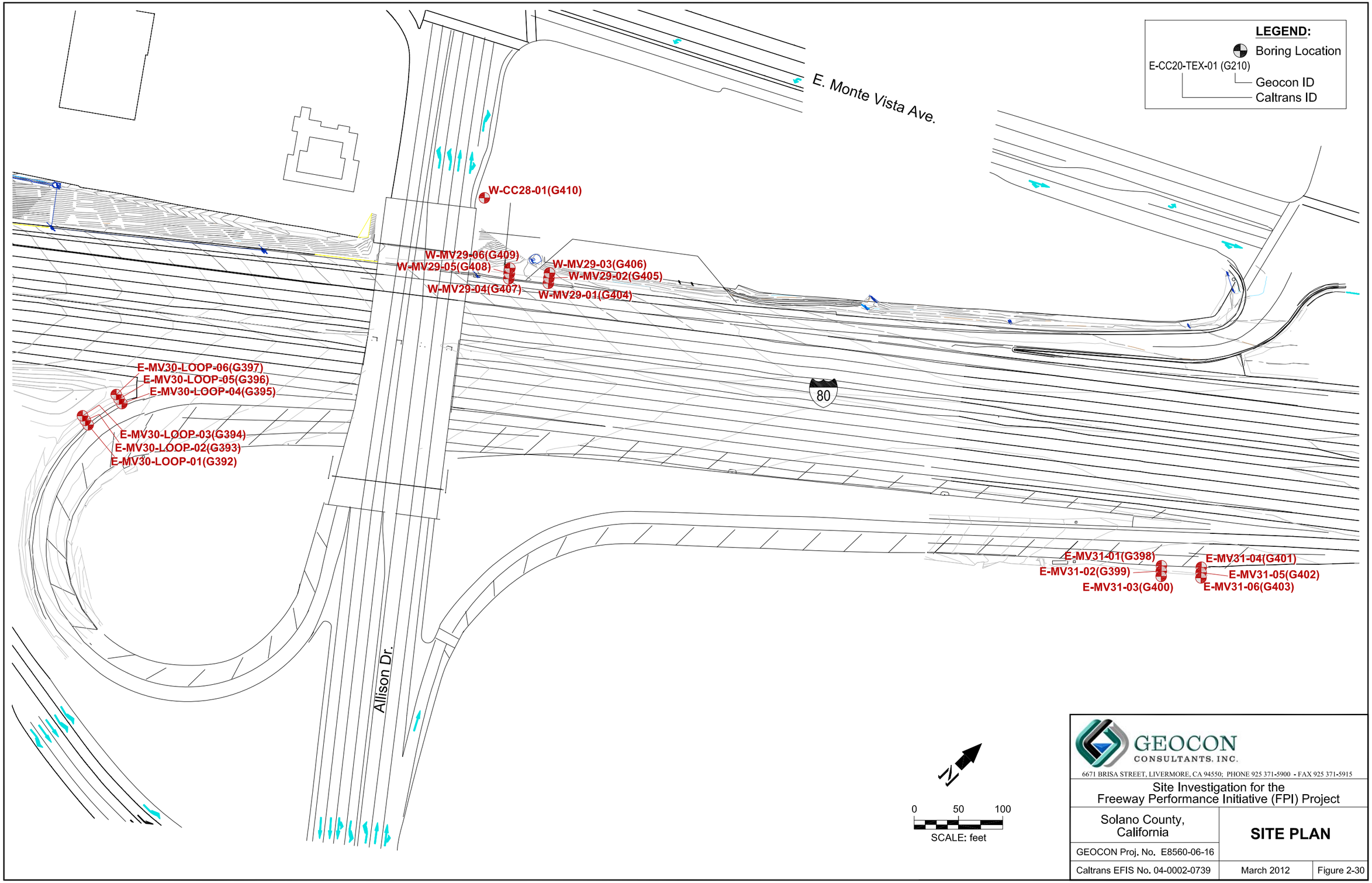
Caltrans EFIS No. 04-0002-0739	March 2012 — Figure 2-29

SITE0312



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Solano County, California

SITE PLAN

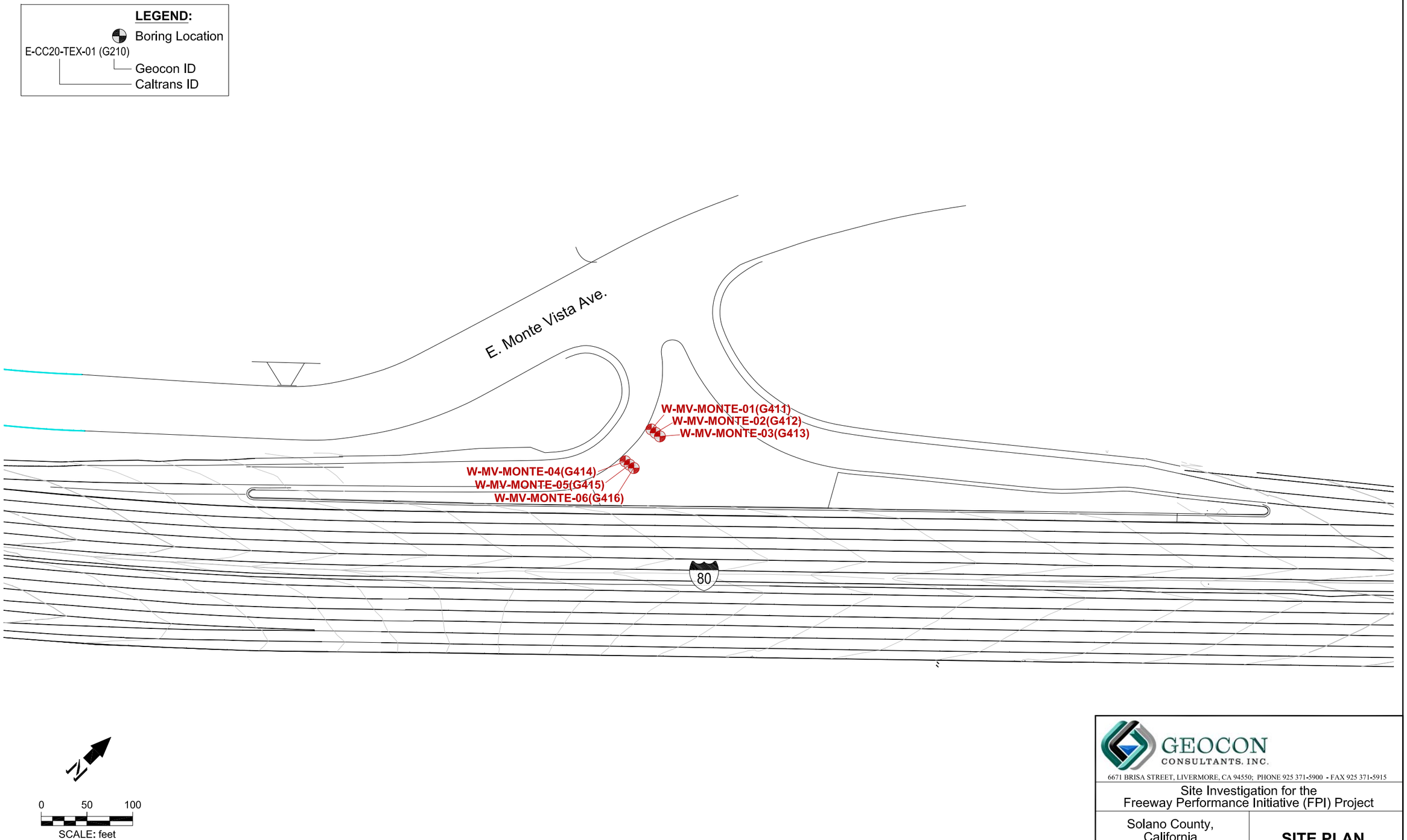
GEOCON Proj. No. E8560-06-16

Caltrans EFIS No. 04-0002-0739

March 2012

Figure 2-30

SITE0312



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SITE PLAN

GEOCON Proj. No. E8560-06-16

Caltrans EFIS No. 04-0002-0739 | March 2012 | Figure 2-31

SITE0312

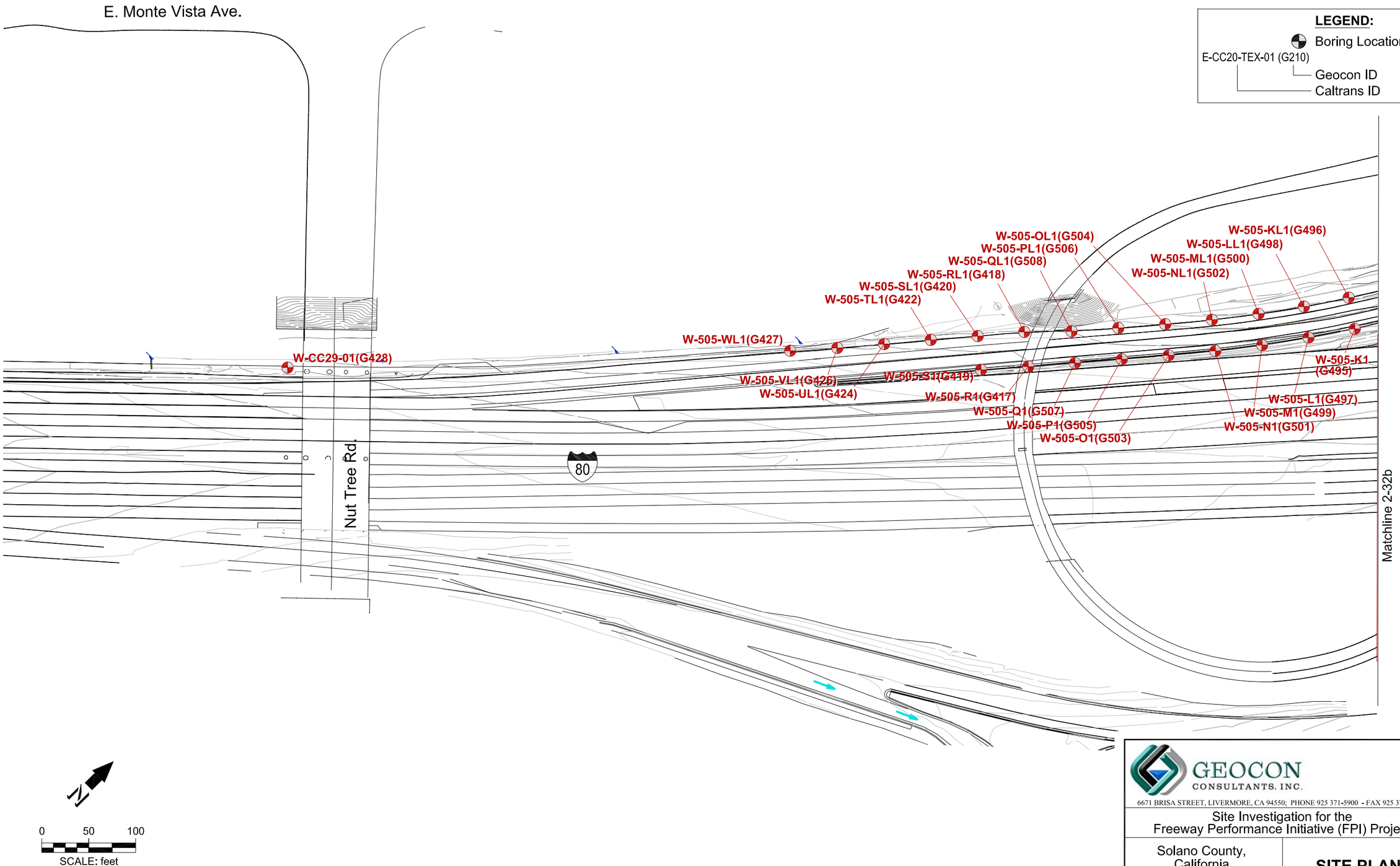

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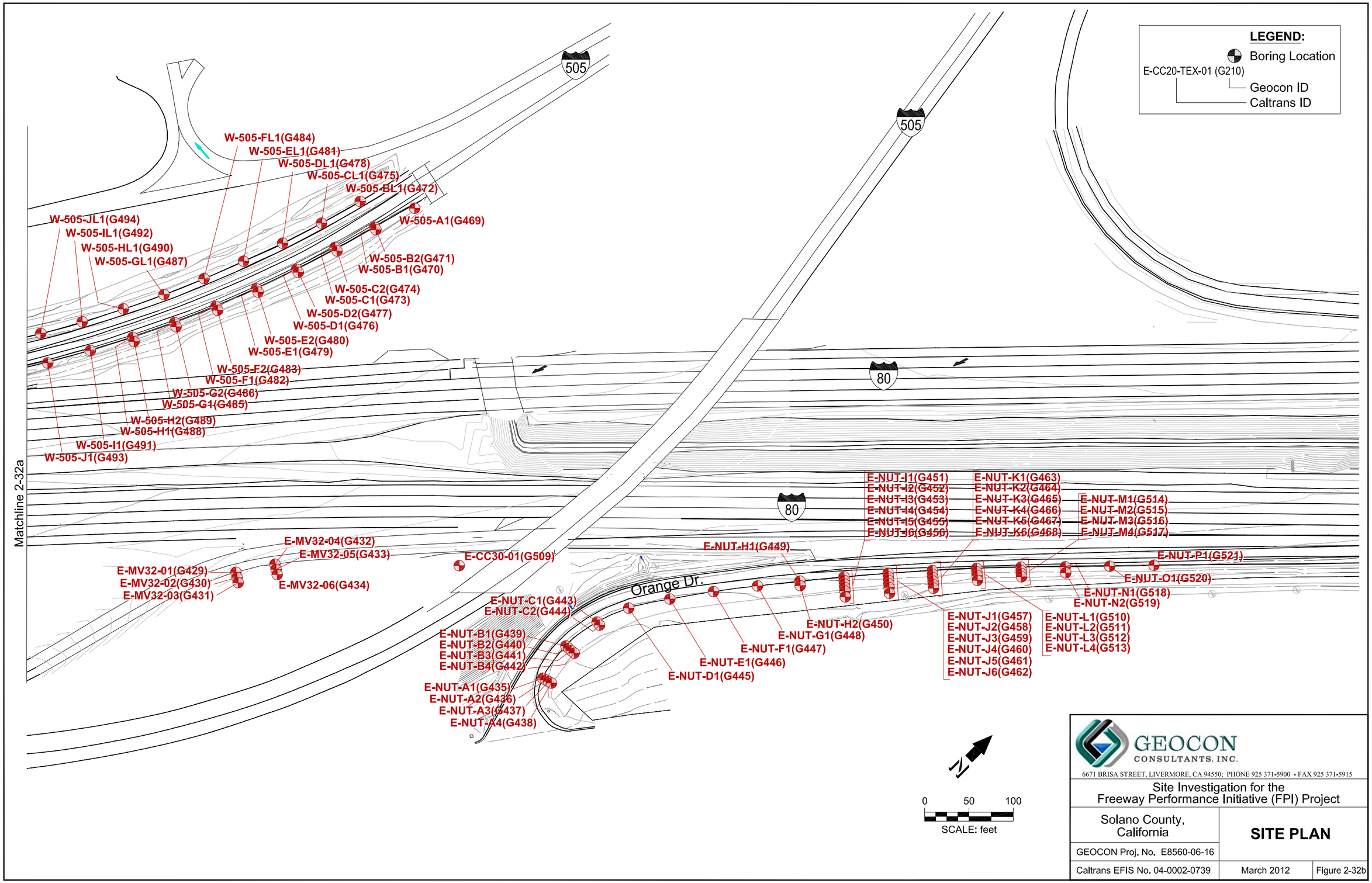
Figure 2-32a

SITE0312



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SITE0312

TABLE 1
Boring Coordinates
SOL-80 Freeway Performance Initiative Project
Solano County, California

Boring ID	Sample ID	Northing	Easting	Figure	Dataset
E-MV1-TEN-01	G1	1,801,883.830	6,495,686.850	2-1	1
E-MV1-TEN-02	G2	1,801,883.940	6,495,692.850	2-1	1
E-MV1-TEN-03	G3	1,801,884.080	6,495,698.840	2-1	1
E-MV1-TEN-04	G4	1,801,928.840	6,495,686.800	2-1	1
E-MV1-TEN-05	G5	1,801,928.970	6,495,692.790	2-1	1
E-MV1-TEN-06	G6	1,801,929.090	6,495,698.800	2-1	1
E-CC1-TEN	G7	1,801,872.450	6,495,793.190	2-1	2
E-CC2	G8	1,804,395.910	6,495,538.390	2-2	3
W-MV2-RED-01	G9	1,806,404.930	6,495,388.280	2-3	4
W-MV2-RED-02	G10	1,806,405.680	6,495,382.310	2-3	4
W-MV2-RED-03	G11	1,806,406.430	6,495,376.360	2-3	4
W-MV2-RED-04	G12	1,806,360.380	6,495,381.830	2-3	4
W-MV2-RED-05	G13	1,806,361.130	6,495,375.880	2-3	4
W-MV2-RED-06	G14	1,806,361.890	6,495,369.930	2-3	4
W-R37-A1	G15	1,813,282.100	6,496,997.070	2-4d	5
W-R37-B1	G16	1,813,255.810	6,497,195.340	2-4d	5
W-R37-C1	G17	1,813,208.120	6,497,380.870	2-4d	5
W-R37-C2	G18	1,813,204.380	6,497,379.280	2-4d	5
W-R37-D1	G19	1,813,124.110	6,497,555.420	2-4d	5
W-R37-D2	G20	1,813,120.200	6,497,552.710	2-4d	5
W-R37-E1	G21	1,813,005.800	6,497,708.740	2-4d	5
W-R37-E2	G22	1,813,002.920	6,497,705.730	2-4d	5
W-R37-F1	G23	1,812,859.830	6,497,836.190	2-4c	5
W-R37-F2	G24	1,812,856.280	6,497,830.570	2-4c	5
W-R37-G1	G33	1,812,690.810	6,497,930.860	2-4c	5
W-R37-H1	G36	1,812,506.410	6,497,990.440	2-4c	5
W-R37-H2	G37	1,812,505.390	6,497,983.710	2-4c	5
W-R37-I1	G40	1,812,313.810	6,498,011.940	2-4b	5
W-R37-I2	G41	1,812,313.980	6,498,007.940	2-4b	5
W-R37-I3	G42	1,812,314.160	6,498,003.940	2-4b	5
W-R37-I4	G43	1,812,314.320	6,497,999.940	2-4b	5
W-R37-I5	G44	1,812,314.520	6,497,995.550	2-4b	5
W-R37-J1	G47	1,812,117.450	6,497,996.540	2-4b	5
W-R37-J2	G48	1,812,118.060	6,497,992.410	2-4b	5
W-R37-J3	G49	1,812,118.650	6,497,988.350	2-4b	5
W-R37-K1	G52	1,811,931.430	6,497,942.980	2-4b	5
W-R37-K2	G53	1,811,932.980	6,497,939.310	2-4b	5
W-R37-K3	G54	1,811,935.130	6,497,934.190	2-4b	5
W-R37-K4	G55	1,811,937.290	6,497,929.100	2-4b	5
W-R37-L1	G56	1,811,749.590	6,497,862.460	2-4b	5
W-R37-L2	G57	1,811,751.340	6,497,858.860	2-4b	5
W-R37-L3	G58	1,811,753.060	6,497,855.300	2-4b	5
W-R37-L4	G59	1,811,754.750	6,497,851.760	2-4b	5
W-R37-M1	G60	1,811,569.490	6,497,775.470	2-4b	5
W-R37-M2	G61	1,811,571.240	6,497,771.870	2-4b	5
W-R37-M3	G62	1,811,572.960	6,497,768.310	2-4b	5
W-R37-M4	G63	1,811,574.650	6,497,764.770	2-4b	5
W-R37-N1	G64	1,811,389.270	6,497,688.760	2-4b	5
W-R37-N2	G65	1,811,391.790	6,497,683.570	2-4b	5
W-R37-N3	G66	1,811,394.300	6,497,678.370	2-4b	5
W-R37-O1	G68	1,811,209.120	6,497,601.900	2-4a	5
W-R37-O2	G69	1,811,210.850	6,497,598.310	2-4a	5
W-R37-O3	G70	1,811,212.510	6,497,594.870	2-4a	5
W-R37-O4	G71	1,811,214.120	6,497,591.470	2-4a	5
W-R37-P1	G72	1,811,028.830	6,497,515.190	2-4a	5

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W-R37-P2	G73	1,811,030.650	6,497,511.600	2-4a	5
W-R37-P3	G74	1,811,032.310	6,497,508.090	2-4a	5
W-R37-P4	G75	1,811,033.950	6,497,504.650	2-4a	5
W-R37-Q1	G76	1,810,849.550	6,497,426.180	2-4a	5
W-R37-Q2	G77	1,810,851.370	6,497,422.590	2-4a	5
W-R37-Q3	G78	1,810,853.080	6,497,419.210	2-4a	5
W-R37-Q4	G79	1,810,854.780	6,497,415.850	2-4a	5
W-R37-R1	G80	1,810,671.110	6,497,335.860	2-4a	5
W-R37-R2	G81	1,810,672.920	6,497,332.270	2-4a	5
W-R37-R3	G82	1,810,674.680	6,497,328.800	2-4a	5
W-R37-R4	G83	1,810,676.410	6,497,325.380	2-4a	5
W-R37-S1	G84	1,810,492.780	6,497,245.300	2-4a	5
W-R37-S2	G85	1,810,494.600	6,497,241.720	2-4a	5
W-R37-S3	G86	1,810,496.280	6,497,238.380	2-4a	5
W-R37-S4	G87	1,810,497.950	6,497,235.100	2-4a	5
W-R37-T1	G88	1,810,313.920	6,497,155.800	2-4a	5
W-R37-T2	G89	1,810,315.740	6,497,152.220	2-4a	5
W-R37-T3	G90	1,810,317.640	6,497,148.430	2-4a	5
W-R37-T4	G91	1,810,319.610	6,497,144.570	2-4a	5
W-R37-U1	G92	1,810,135.320	6,497,065.780	2-4a	5
W-R37-U2	G93	1,810,137.140	6,497,062.190	2-4a	5
W-R37-U3	G94	1,810,139.150	6,497,058.200	2-4a	5
W-R37-U4	G95	1,810,141.210	6,497,054.170	2-4a	5
E-MV3-01	G27	1,811,289.770	6,497,802.710	2-4b	6
E-MV3-02	G28	1,811,287.100	6,497,808.080	2-4b	6
E-MV3-03	G29	1,811,284.560	6,497,813.520	2-4b	6
E-MV3-04	G30	1,811,329.910	6,497,823.080	2-4b	6
E-MV3-05	G31	1,811,327.300	6,497,828.490	2-4b	6
E-MV3-06	G32	1,811,324.690	6,497,833.900	2-4b	6
E-CC4-01	G67	1,811,361.110	6,497,857.150	2-4b	7
W-R37-FL1	G25	1,812,876.010	6,497,861.850	2-4c	8
W-R37-FL2	G26	1,812,878.590	6,497,865.940	2-4c	8
W-R37-GL1	G34	1,812,703.230	6,497,963.860	2-4c	8
W-R37-GL2	G35	1,812,704.820	6,497,967.990	2-4c	8
W-R37-HL1	G38	1,812,511.970	6,498,024.860	2-4c	8
W-R37-HL2	G39	1,812,512.640	6,498,029.200	2-4c	8
W-R37-IL1	G45	1,812,312.300	6,498,046.580	2-4b	8
W-R37-IL2	G46	1,812,312.130	6,498,050.580	2-4b	8
W-R37-JL1	G50	1,812,113.020	6,498,026.720	2-4b	8
W-R37-JL2	G51	1,812,112.310	6,498,031.550	2-4b	8
W-MV3C-LOOP-01	G108	1,813,349.960	6,498,413.360	2-4c	9
W-MV3C-LOOP-02	G109	1,813,354.570	6,498,417.190	2-4c	9
W-MV3C-LOOP-03	G110	1,813,359.190	6,498,421.020	2-4c	9
W-MV3C-LOOP-04	G111	1,813,321.210	6,498,447.980	2-4c	9
W-MV3C-LOOP-05	G112	1,813,325.830	6,498,451.810	2-4c	9
W-MV3C-LOOP-06	G113	1,813,330.450	6,498,455.650	2-4c	9
E-MV3B-01	G102	1,812,810.310	6,498,687.220	2-4c	10
E-MV3B-02	G103	1,812,809.260	6,498,693.130	2-4c	10
E-MV3B-03	G104	1,812,808.200	6,498,699.030	2-4c	10
E-MV3B-04	G105	1,812,854.640	6,498,694.970	2-4c	10
E-MV3B-05	G106	1,812,853.590	6,498,701.030	2-4c	10
E-MV3B-06	G107	1,812,852.500	6,498,706.930	2-4c	10
E-MV3A-01	G96	1,814,526.060	6,499,393.060	2-5	11
E-MV3A-02	G97	1,814,525.520	6,499,399.040	2-5	11
E-MV3A-03	G98	1,814,525.070	6,499,404.180	2-5	11

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E-MV3A-04	G99	1,814,570.690	6,499,397.040	2-5	11
E-MV3A-05	G100	1,814,570.350	6,499,403.030	2-5	11
E-MV3A-06	G101	1,814,569.910	6,499,409.010	2-5	11
W-CC5-01	G114	1,817,577.560	6,499,372.240	2-6	12
W-MV4-01	G115	1,821,796.590	6,501,962.060	2-7	13
W-MV4-02	G116	1,821,800.900	6,501,957.880	2-7	13
W-MV4-03	G117	1,821,805.200	6,501,953.690	2-7	13
W-MV4-04	G118	1,821,765.480	6,501,929.550	2-7	13
W-MV4-05	G119	1,821,769.780	6,501,925.370	2-7	13
W-MV4-06	G120	1,821,774.080	6,501,921.190	2-7	13
W-CC6-01	G121	1,821,870.290	6,501,997.110	2-7	14
W-MV6-AME-01	G128	1,823,387.280	6,503,753.670	2-8	15
W-MV6-AME-02	G129	1,823,391.250	6,503,749.170	2-8	15
W-MV6-AME-03	G130	1,823,395.230	6,503,744.670	2-8	15
W-MV6-AME-04	G131	1,823,353.570	6,503,723.860	2-8	15
W-MV6-AME-05	G132	1,823,357.530	6,503,719.380	2-8	15
W-MV6-AME-06	G133	1,823,361.510	6,503,714.870	2-8	15
W-CM1-01	G134	1,823,686.310	6,504,126.060	2-8	16
E-MV5-AME-01	G122	1,823,794.890	6,504,665.280	2-8	17
E-MV5-AME-02	G123	1,823,790.930	6,504,669.790	2-8	17
E-MV5-AME-03	G124	1,823,786.960	6,504,674.290	2-8	17
E-MV5-AME-04	G125	1,823,829.030	6,504,694.600	2-8	17
E-MV5-AME-05	G126	1,823,825.070	6,504,699.110	2-8	17
E-MV5-AME-06	G127	1,823,821.110	6,504,703.610	2-8	17
W-MV7A-01	G135	1,827,008.660	6,507,079.720	2-9	18
W-MV7A-02	G136	1,827,012.420	6,507,075.400	2-9	18
W-MV7A-03	G137	1,827,016.370	6,507,070.880	2-9	18
W-MV7A-04	G138	1,826,974.560	6,507,050.350	2-9	18
W-MV7A-05	G139	1,826,978.500	6,507,045.830	2-9	18
W-MV7A-06	G140	1,826,982.190	6,507,041.080	2-9	18
W-CC7-01	G141	1,827,460.470	6,507,553.810	2-9	19
W-CC8-01	G142	1,829,204.280	6,509,357.050	2-10	20
E-CC9-01	G143	1,830,169.450	6,512,056.800	2-11	21
E-CM2	G144	1,830,287.090	6,512,210.330	2-11	22
W-CC10-01	G151	1,833,069.840	6,514,243.920	2-12	23
W-MV9-01	G145	1,833,132.130	6,514,326.840	2-12	24
W-MV9-02	G146	1,833,135.970	6,514,322.250	2-12	24
W-MV9-03	G147	1,833,139.820	6,514,317.640	2-12	24
W-MV9-04	G148	1,833,097.920	6,514,297.600	2-12	24
W-MV9-05	G149	1,833,101.650	6,514,292.680	2-12	24
W-MV9-06	G150	1,833,105.660	6,514,288.340	2-12	24
E-CC11-01	G152	1,841,933.540	6,523,577.690	2-13	25
E-MV11-01	G153	1,842,836.470	6,524,560.710	2-14	26
E-MV11-02	G154	1,842,831.670	6,524,564.330	2-14	26
E-MV11-03	G155	1,842,827.360	6,524,568.520	2-14	26
E-MV11-04	G156	1,842,866.000	6,524,595.130	2-14	26
E-MV11-05	G157	1,842,861.850	6,524,598.820	2-14	26
E-MV11-06	G158	1,842,856.550	6,524,602.540	2-14	26
E-CM3	G159	1,842,903.400	6,524,641.210	2-14	27
W-CC12-01	G166	1,848,303.620	6,533,234.490	2-15a	28
W-MV12-01	G160	1,848,350.370	6,533,350.850	2-15a	29
W-MV12-02	G161	1,848,355.160	6,533,347.230	2-15a	29
W-MV12-03	G162	1,848,360.380	6,533,344.250	2-15a	29
W-MV12-04	G163	1,848,325.590	6,533,313.290	2-15a	29
W-MV12-05	G164	1,848,330.740	6,533,309.890	2-15a	29

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W-MV12-06	G165	1,848,335.600	6,533,306.680	2-15a	29
E-MV13-01	G167	1,849,187.060	6,535,260.750	2-15b	30
E-MV13-02	G168	1,849,181.660	6,535,263.380	2-15b	30
E-MV13-03	G169	1,849,177.580	6,535,266.620	2-15b	30
E-MV13-04	G170	1,849,209.340	6,535,300.710	2-15b	30
E-MV13-05	G171	1,849,204.310	6,535,304.020	2-15b	30
E-MV13-06	G172	1,849,199.100	6,535,306.150	2-15b	30
E-CC13-01	G173	1,849,211.330	6,535,447.470	2-15b	31
E-CC14-01	G180	1,850,038.990	6,536,896.290	2-16	32
E-MV14-01	G174	1,850,125.180	6,536,959.640	2-16	33
E-MV14-02	G175	1,850,119.940	6,536,962.550	2-16	33
E-MV14-03	G176	1,850,114.690	6,536,965.460	2-16	33
E-MV14-04	G177	1,850,147.790	6,536,998.560	2-16	33
E-MV14-05	G178	1,850,142.550	6,537,001.470	2-16	33
E-MV14-06	G179	1,850,137.300	6,537,004.380	2-16	33
E-MV15-01	G181	1,851,989.680	6,540,751.190	2-17	34
E-MV15-02	G182	1,851,984.490	6,540,754.280	2-17	34
E-MV15-03	G183	1,851,979.540	6,540,757.890	2-17	34
E-MV15-04	G184	1,852,008.560	6,540,793.060	2-17	34
E-MV15-05	G185	1,852,002.550	6,540,795.980	2-17	34
E-MV15-06	G186	1,851,997.090	6,540,798.450	2-17	34
E-CC15-01	G187	1,852,029.630	6,540,876.880	2-17	35
W-CC16-01	G188	1,856,111.410	6,543,747.800	2-18	36
E-CC17-01	G195	1,857,888.350	6,545,174.350	2-19	37
E-MV16-01	G189	1,857,936.550	6,545,189.090	2-19	38
E-MV16-02	G190	1,857,932.770	6,545,194.620	2-19	38
E-MV16-03	G191	1,857,929.400	6,545,199.550	2-19	38
E-MV16-04	G192	1,857,973.820	6,545,214.300	2-19	38
E-MV16-05	G193	1,857,970.140	6,545,219.690	2-19	38
E-MV16-06	G194	1,857,966.570	6,545,224.900	2-19	38
E-MV17-01	G196	1,861,239.330	6,547,399.350	2-20	39
E-MV17-02	G197	1,861,236.390	6,547,404.600	2-20	39
E-MV17-03	G198	1,861,232.680	6,547,409.340	2-20	39
E-MV17-04	G199	1,861,277.040	6,547,423.910	2-20	39
E-MV17-05	G200	1,861,273.640	6,547,429.020	2-20	39
E-MV17-06	G201	1,861,270.320	6,547,434.010	2-20	39
E-CC18-01	G202	1,861,298.650	6,547,477.310	2-20	40
E-CC19-01	G203	1,865,626.830	6,550,360.550	2-21	41
E-CC20-TEX-01	G210	1,869,317.460	6,552,029.700	2-22	42
W-MV19A-TEX-01	G204	1,870,097.800	6,551,837.340	2-22	43
W-MV19A-TEX-02	G205	1,870,097.940	6,551,831.340	2-22	43
W-MV19A-TEX-03	G206	1,870,098.070	6,551,825.350	2-22	43
W-MV19A-TEX-04	G207	1,870,052.810	6,551,836.320	2-22	43
W-MV19A-TEX-05	G208	1,870,052.950	6,551,830.320	2-22	43
W-MV19A-TEX-06	G209	1,870,053.090	6,551,824.110	2-22	43
W-CC21-01	G217	1,875,445.250	6,552,084.750	2-23	44
W-MV20-01	G211	1,875,568.410	6,552,125.360	2-23	45
W-MV20-02	G212	1,875,569.440	6,552,119.450	2-23	45
W-MV20-03	G213	1,875,570.460	6,552,113.530	2-23	45
W-MV20-04	G214	1,875,523.760	6,552,119.480	2-23	45
W-MV20-05	G215	1,875,524.790	6,552,113.570	2-23	45
W-MV20-06	G216	1,875,525.820	6,552,107.650	2-23	45
W-MV21-01	G224	1,880,091.640	6,554,543.300	2-24	46
W-MV21-02	G225	1,880,091.900	6,554,537.310	2-24	46
W-MV21-03	G226	1,880,091.810	6,554,531.150	2-24	46

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W-MV21-04	G227	1,880,046.700	6,554,540.850	2-24	46
W-MV21-05	G228	1,880,046.980	6,554,534.700	2-24	46
W-MV21-06	G229	1,880,047.230	6,554,529.030	2-24	46
E-CC22-01	G230	1,880,191.030	6,554,883.060	2-24	47
E-MV21-01	G218	1,880,287.590	6,554,898.000	2-24	48
E-MV21-02	G219	1,880,284.720	6,554,903.270	2-24	48
E-MV21-03	G220	1,880,281.810	6,554,908.520	2-24	48
E-MV21-04	G221	1,880,327.610	6,554,918.620	2-24	48
E-MV21-05	G222	1,880,324.720	6,554,923.870	2-24	48
E-MV21-06	G223	1,880,321.830	6,554,929.140	2-24	48
W-MV24-01	G243	1,883,705.410	6,556,398.040	2-25	49
W-MV24-02	G244	1,883,707.350	6,556,392.360	2-25	49
W-MV24-03	G245	1,883,709.300	6,556,386.680	2-25	49
W-MV24-04	G246	1,883,662.840	6,556,383.450	2-25	49
W-MV24-05	G247	1,883,664.780	6,556,377.770	2-25	49
W-MV24-06	G248	1,883,666.400	6,556,371.980	2-25	49
W-CC23-01	G249	1,883,844.730	6,556,486.550	2-25	50
W-MV23-01	G237	1,883,930.570	6,556,556.320	2-25	51
W-MV23-02	G238	1,883,933.280	6,556,550.960	2-25	51
W-MV23-03	G239	1,883,936.290	6,556,545.760	2-25	51
W-MV23-04	G240	1,883,890.410	6,556,536.020	2-25	51
W-MV23-05	G241	1,883,893.110	6,556,530.670	2-25	51
W-MV23-06	G242	1,883,895.820	6,556,525.310	2-25	51
E-MV22-01	G231	1,883,824.550	6,556,754.800	2-25	52
E-MV22-02	G232	1,883,825.710	6,556,760.680	2-25	52
E-MV22-03	G233	1,883,826.870	6,556,766.570	2-25	52
E-MV22-04	G234	1,883,868.730	6,556,746.250	2-25	52
E-MV22-05	G235	1,883,869.860	6,556,751.970	2-25	52
E-MV22-06	G236	1,883,871.060	6,556,758.070	2-25	52
W-CC24-01	G256	1,886,486.600	6,558,892.100	2-26	53
W-MV25-01	G250	1,886,524.360	6,559,047.280	2-26	54
W-MV25-02	G251	1,886,529.920	6,559,045.020	2-26	54
W-MV25-03	G252	1,886,535.330	6,559,042.810	2-26	54
W-MV25-04	G253	1,886,507.410	6,559,005.690	2-26	54
W-MV25-05	G254	1,886,512.930	6,559,003.340	2-26	54
W-MV25-06	G255	1,886,518.480	6,559,001.080	2-26	54
W-ALAM-A1	G264	1,888,012.750	6,561,952.220	2-27a	55
W-ALAM-B1	G266	1,887,973.240	6,561,921.210	2-27a	55
W-ALAM-B2	G267	1,887,976.440	6,561,917.840	2-27a	55
W-ALAM-B3	G268	1,887,979.630	6,561,914.470	2-27a	55
W-ALAM-C1	G257	1,887,935.700	6,561,888.090	2-27a	55
W-ALAM-C2	G269	1,887,939.550	6,561,884.080	2-27a	55
W-ALAM-C3	G270	1,887,943.380	6,561,880.040	2-27a	55
W-ALAM-D1	G271	1,887,899.450	6,561,853.690	2-27a	55
W-ALAM-D2	G272	1,887,903.350	6,561,849.580	2-27a	55
W-ALAM-D3	G273	1,887,907.110	6,561,845.630	2-27a	55
W-ALAM-E1	G274	1,887,863.280	6,561,819.170	2-27a	55
W-ALAM-E2	G275	1,887,867.090	6,561,815.160	2-27a	55
W-ALAM-E3	G276	1,887,870.840	6,561,811.200	2-27a	55
W-ALAM-F1	G277	1,887,827.120	6,561,784.660	2-27a	55
W-ALAM-F2	G278	1,887,830.830	6,561,780.730	2-27a	55
W-ALAM-F3	G279	1,887,834.580	6,561,776.780	2-27a	55
W-ALAM-G1	G280	1,887,790.950	6,561,750.120	2-27a	55
W-ALAM-G2	G281	1,887,794.600	6,561,746.270	2-27a	55
W-ALAM-G3	G282	1,887,798.320	6,561,742.360	2-27a	55

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Boring ID	Sample ID	Northing	Easting	Figure	Dataset
W-ALAM-H1	G283	1,887,754.750	6,561,715.610	2-27a	55
W-ALAM-H2	G284	1,887,758.400	6,561,711.780	2-27a	55
W-ALAM-H3	G285	1,887,762.060	6,561,707.930	2-27a	55
W-ALAM-I1	G286	1,887,718.610	6,561,681.040	2-27a	55
W-ALAM-I2	G287	1,887,722.210	6,561,677.280	2-27a	55
W-ALAM-J1	G289	1,887,685.000	6,561,646.190	2-27a	55
W-ALAM-J2	G290	1,887,688.670	6,561,642.850	2-27a	55
W-ALAM-K1	G292	1,887,652.150	6,561,607.650	2-27a	55
W-ALAM-K2	G293	1,887,655.360	6,561,605.200	2-27a	55
W-ALAM-K3	G294	1,887,658.560	6,561,602.730	2-27a	55
W-ALAM-L1	G295	1,887,622.820	6,561,566.380	2-27a	55
W-ALAM-L2	G296	1,887,626.190	6,561,564.220	2-27a	55
W-ALAM-L3	G297	1,887,629.540	6,561,562.040	2-27a	55
W-ALAM-L4	G298	1,887,632.920	6,561,559.840	2-27a	55
W-ALAM-M1	G299	1,887,598.440	6,561,521.210	2-27a	55
W-ALAM-M2	G300	1,887,602.240	6,561,518.990	2-27a	55
W-ALAM-M3	G301	1,887,606.040	6,561,516.780	2-27a	55
W-ALAM-N1	G302	1,887,574.540	6,561,477.720	2-27a	55
W-ALAM-N2	G303	1,887,580.220	6,561,474.530	2-27a	55
W-ALAM-O1	G304	1,887,548.910	6,561,435.260	2-27a	55
W-ALAM-O2	G305	1,887,552.170	6,561,433.490	2-27a	55
W-ALAM-P1	G306	1,887,525.400	6,561,391.650	2-27a	55
W-ALAM-Q1	G307	1,887,501.050	6,561,347.820	2-27a	55
W-ALAM-R1	G308	1,887,476.530	6,561,304.240	2-27a	55
W-ALAM-S1	G309	1,887,446.430	6,561,263.540	2-27a	55
W-ALAM-S2	G310	1,887,450.730	6,561,261.310	2-27a	55
W-ALAM-S3	G311	1,887,455.020	6,561,259.070	2-27a	55
W-ALAM-T1	G312	1,887,421.650	6,561,220.060	2-27a	55
W-ALAM-T2	G313	1,887,426.880	6,561,217.350	2-27a	55
W-ALAM-T3	G314	1,887,432.090	6,561,214.640	2-27a	55
W-MV26A-01	G258	1,887,695.310	6,561,692.300	2-27a	56
W-MV26A-02	G259	1,887,690.990	6,561,696.470	2-27a	56
W-MV26A-03	G260	1,887,686.670	6,561,700.630	2-27a	56
W-MV26A-04	G261	1,887,664.080	6,561,659.910	2-27a	56
W-MV26A-05	G262	1,887,659.760	6,561,664.070	2-27a	56
W-MV26A-06	G263	1,887,655.590	6,561,668.090	2-27a	56
W-CC25-01	G315	1,887,757.330	6,561,855.020	2-27a	57
E-MV26B-01	G316	1,887,982.290	6,562,797.870	2-27b	58
E-MV26B-02	G317	1,887,985.490	6,562,792.790	2-27b	58
E-MV26B-03	G318	1,887,988.680	6,562,787.710	2-27b	58
E-MV26B-04	G319	1,888,020.380	6,562,821.840	2-27b	58
E-MV26B-05	G320	1,888,023.570	6,562,816.760	2-27b	58
E-MV26B-06	G321	1,888,026.770	6,562,811.680	2-27b	58
E-CC26-01	G328	1,889,086.580	6,565,009.620	2-28	59
E-MV27A-01	G322	1,889,103.020	6,565,080.130	2-28	60
E-MV27A-02	G323	1,889,105.520	6,565,074.670	2-28	60
E-MV27A-03	G324	1,889,107.940	6,565,069.350	2-28	60
E-MV27A-04	G325	1,889,144.250	6,565,098.190	2-28	60
E-MV27A-05	G326	1,889,146.740	6,565,092.730	2-28	60
E-MV27A-06	G327	1,889,149.230	6,565,087.270	2-28	60
E-MV28-01	G329	1,890,108.890	6,566,997.550	2-29	61
E-MV28-02	G330	1,890,103.520	6,567,000.230	2-29	61
E-MV28-03	G331	1,890,098.130	6,567,002.830	2-29	61
E-MV28-04	G332	1,890,131.290	6,567,036.680	2-29	61
E-MV28-05	G333	1,890,125.900	6,567,039.310	2-29	61

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Boring ID	Sample ID	Northing	Easting	Figure	Dataset
E-MV28-06	G334	1,890,120.500	6,567,041.970	2-29	61
E-CC27-01	G341	1,890,134.060	6,567,089.840	2-29	62
E-CM4-CLIF	G342	1,890,219.100	6,567,195.720	2-29	63
W-MV28A-01	G335	1,890,468.910	6,567,127.530	2-29	64
W-MV28A-02	G336	1,890,467.680	6,567,133.400	2-29	64
W-MV28A-03	G337	1,890,466.450	6,567,139.280	2-29	64
W-MV28A-04	G338	1,890,424.870	6,567,118.290	2-29	64
W-MV28A-05	G339	1,890,423.640	6,567,124.160	2-29	64
W-MV28A-06	G340	1,890,422.410	6,567,130.030	2-29	64
E-CLIF-A1	G343	1,890,130.880	6,567,412.050	2-29	65
E-CLIF-A2	G344	1,890,134.540	6,567,413.680	2-29	65
E-CLIF-A3	G345	1,890,138.220	6,567,415.270	2-29	65
E-CLIF-A4	G346	1,890,141.900	6,567,416.860	2-29	65
E-CLIF-A5	G347	1,890,145.570	6,567,418.450	2-29	65
E-CLIF-B1	G348	1,890,153.380	6,567,377.080	2-29	65
E-CLIF-B2	G349	1,890,156.200	6,567,379.940	2-29	65
E-CLIF-B3	G350	1,890,159.000	6,567,382.790	2-29	65
E-CLIF-B4	G351	1,890,161.810	6,567,385.640	2-29	65
E-CLIF-B5	G352	1,890,164.620	6,567,388.490	2-29	65
E-CLIF-C1	G353	1,890,188.170	6,567,353.790	2-29	65
E-CLIF-C2	G354	1,890,189.710	6,567,357.490	2-29	65
E-CLIF-C3	G355	1,890,191.240	6,567,361.180	2-29	65
E-CLIF-C4	G356	1,890,192.760	6,567,364.840	2-29	65
E-CLIF-C5	G357	1,890,194.310	6,567,368.570	2-29	65
E-CLIF-D1	G358	1,890,229.240	6,567,344.900	2-29	65
E-CLIF-D2	G359	1,890,229.260	6,567,348.900	2-29	65
E-CLIF-D3	G360	1,890,229.300	6,567,352.900	2-29	65
E-CLIF-D4	G361	1,890,229.330	6,567,356.900	2-29	65
E-CLIF-D5	G362	1,890,229.370	6,567,360.900	2-29	65
E-CLIF-E1	G363	1,890,270.520	6,567,352.820	2-29	65
E-CLIF-E2	G364	1,890,269.060	6,567,356.540	2-29	65
E-CLIF-E3	G365	1,890,267.590	6,567,360.260	2-29	65
E-CLIF-E4	G366	1,890,266.120	6,567,363.980	2-29	65
E-CLIF-E5	G367	1,890,264.700	6,567,367.590	2-29	65
E-CLIF-F1	G368	1,890,305.220	6,567,376.160	2-29	65
E-CLIF-F2	G369	1,890,302.830	6,567,378.630	2-29	65
E-CLIF-F3	G370	1,890,300.500	6,567,381.120	2-29	65
E-CLIF-G1	G371	1,890,339.380	6,567,411.970	2-29	65
E-CLIF-G2	G372	1,890,336.520	6,567,414.800	2-29	65
E-CLIF-G3	G373	1,890,333.650	6,567,417.620	2-29	65
E-CLIF-H1	G374	1,890,371.970	6,567,450.060	2-29	65
E-CLIF-H2	G375	1,890,369.420	6,567,452.530	2-29	65
E-CLIF-H3	G376	1,890,366.940	6,567,455.010	2-29	65
E-CLIF-I1	G377	1,890,408.090	6,567,484.670	2-29	65
E-CLIF-I2	G378	1,890,405.200	6,567,487.500	2-29	65
E-CLIF-J1	G379	1,890,440.870	6,567,520.840	2-29	65
E-CLIF-J2	G380	1,890,437.870	6,567,523.490	2-29	65
E-CLIF-K1	G381	1,890,476.240	6,567,556.340	2-29	65
E-CLIF-K2	G382	1,890,474.090	6,567,558.260	2-29	65
E-CLIF-L1	G383	1,890,511.260	6,567,592.110	2-29	65
E-CLIF-M1	G384	1,890,546.980	6,567,628.550	2-29	65
E-CLIF-N1	G385	1,890,582.400	6,567,664.560	2-29	65
E-CLIF-O1	G386	1,890,617.780	6,567,699.870	2-29	65
E-CLIF-P1	G387	1,890,653.820	6,567,734.570	2-29	65
E-CLIF-Q1	G388	1,890,690.780	6,567,768.260	2-29	65

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Boring ID	Sample ID	Northing	Easting	Figure	Dataset
E-CLIF-R1	G389	1,890,728.080	6,567,801.620	2-29	65
E-CLIF-S1	G390	1,890,766.440	6,567,833.870	2-29	65
E-CLIF-T1	G391	1,890,805.610	6,567,865.270	2-29	65
E-MV30-LOOP-01	G392	1,893,156.460	6,570,270.850	2-30	66
E-MV30-LOOP-02	G393	1,893,157.790	6,570,265.000	2-30	66
E-MV30-LOOP-03	G394	1,893,159.110	6,570,259.140	2-30	66
E-MV30-LOOP-04	G395	1,893,200.350	6,570,280.780	2-30	66
E-MV30-LOOP-05	G396	1,893,201.680	6,570,274.930	2-30	66
E-MV30-LOOP-06	G397	1,893,203.000	6,570,269.080	2-30	66
W-CC28-01	G410	1,893,653.860	6,570,406.030	2-30	67
W-MV29-01	G404	1,893,636.720	6,570,525.240	2-30	68
W-MV29-02	G405	1,893,641.410	6,570,521.500	2-30	68
W-MV29-03	G406	1,893,645.940	6,570,517.900	2-30	68
W-MV29-04	G407	1,893,608.700	6,570,490.030	2-30	68
W-MV29-05	G408	1,893,613.390	6,570,486.290	2-30	68
W-MV29-06	G409	1,893,618.150	6,570,482.390	2-30	68
E-MV31-01	G398	1,893,900.770	6,571,239.940	2-30	69
E-MV31-02	G399	1,893,896.410	6,571,244.060	2-30	69
E-MV31-03	G400	1,893,892.050	6,571,248.190	2-30	69
E-MV31-04	G401	1,893,931.350	6,571,272.980	2-30	69
E-MV31-05	G402	1,893,926.980	6,571,277.090	2-30	69
E-MV31-06	G403	1,893,922.620	6,571,281.210	2-30	69
W-MV-MONTE-01	G411	1,895,062.640	6,572,140.470	2-31	70
W-MV-MONTE-02	G412	1,895,063.240	6,572,146.440	2-31	70
W-MV-MONTE-03	G413	1,895,063.840	6,572,152.410	2-31	70
W-MV-MONTE-04	G414	1,895,017.860	6,572,144.970	2-31	70
W-MV-MONTE-05	G415	1,895,018.460	6,572,150.940	2-31	70
W-MV-MONTE-06	G416	1,895,019.140	6,572,156.750	2-31	70
W-CC29-01	G428	1,896,467.350	6,573,678.940	2-32a	71
W-505-BL1	G472	1,897,720.740	6,574,600.550	2-32b	72
W-505-CL1	G475	1,897,672.570	6,574,587.090	2-32b	72
W-505-DL1	G478	1,897,625.500	6,574,572.020	2-32b	72
W-505-EL1	G481	1,897,579.890	6,574,555.190	2-32b	72
W-505-FL1	G484	1,897,534.460	6,574,537.640	2-32b	72
W-505-GL1	G487	1,897,489.770	6,574,518.360	2-32b	72
W-505-HL1	G490	1,897,445.900	6,574,497.430	2-32b	72
W-505-IL1	G492	1,897,402.800	6,574,474.860	2-32b	72
W-505-JL1	G494	1,897,360.370	6,574,451.000	2-32b	72
W-505-KL1	G496	1,897,319.050	6,574,425.210	2-32a	72
W-505-LL1	G498	1,897,278.550	6,574,398.170	2-32a	72
W-505-ML1	G500	1,897,238.910	6,574,369.570	2-32a	72
W-505-NL1	G502	1,897,199.380	6,574,338.960	2-32a	72
W-505-OL1	G504	1,897,160.910	6,574,307.090	2-32a	72
W-505-PL1	G506	1,897,122.780	6,574,274.630	2-32a	72
W-505-QL1	G508	1,897,085.070	6,574,241.860	2-32a	72
W-505-RL1	G418	1,897,049.010	6,574,206.780	2-32a	72
W-505-SL1	G420	1,897,010.730	6,574,174.880	2-32a	72
W-505-TL1	G422	1,896,972.550	6,574,142.350	2-32a	72
W-505-UL1	G424	1,896,934.240	6,574,110.430	2-32a	72
W-505-VL1	G426	1,896,896.160	6,574,078.100	2-32a	72
W-505-WL1	G427	1,896,858.520	6,574,044.720	2-32a	72
W-505-A1	G469	1,897,758.810	6,574,649.490	2-32b	73
W-505-B1	G470	1,897,711.520	6,574,632.800	2-32b	73
W-505-B2	G471	1,897,710.750	6,574,635.750	2-32b	73
W-505-C1	G473	1,897,664.000	6,574,617.180	2-32b	73

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Boring ID	Sample ID	Northing	Easting	Figure	Dataset
W-505-C2	G474	1,897,662.700	6,574,621.650	2-32b	73
W-505-D1	G476	1,897,615.600	6,574,604.050	2-32b	73
W-505-D2	G477	1,897,614.700	6,574,607.860	2-32b	73
W-505-E1	G479	1,897,568.320	6,574,587.430	2-32b	73
W-505-E2	G480	1,897,566.860	6,574,591.530	2-32b	73
W-505-F1	G482	1,897,521.670	6,574,569.230	2-32b	73
W-505-F2	G483	1,897,520.020	6,574,573.720	2-32b	73
W-505-G1	G485	1,897,475.800	6,574,549.210	2-32b	73
W-505-G2	G486	1,897,473.730	6,574,553.760	2-32b	73
W-505-H1	G488	1,897,430.680	6,574,527.560	2-32b	73
W-505-H2	G489	1,897,428.390	6,574,532.070	2-32b	73
W-505-I1	G491	1,897,386.320	6,574,504.300	2-32b	73
W-505-J1	G493	1,897,342.450	6,574,480.160	2-32b	73
W-505-K1	G495	1,897,300.100	6,574,453.340	2-32a	73
W-505-L1	G497	1,897,258.690	6,574,425.070	2-32a	73
W-505-M1	G499	1,897,218.010	6,574,395.790	2-32a	73
W-505-N1	G501	1,897,178.490	6,574,364.980	2-32a	73
W-505-O1	G503	1,897,139.950	6,574,333.130	2-32a	73
W-505-P1	G505	1,897,101.790	6,574,300.790	2-32a	73
W-505-Q1	G507	1,897,063.670	6,574,268.410	2-32a	73
W-505-R1	G417	1,897,025.850	6,574,235.890	2-32a	73
W-505-S1	G419	1,896,987.840	6,574,202.740	2-32a	73
E-MV32-01	G429	1,897,325.450	6,574,797.520	2-32b	74
E-MV32-02	G430	1,897,322.200	6,574,802.560	2-32b	74
E-MV32-03	G431	1,897,318.940	6,574,807.610	2-32b	74
E-MV32-04	G432	1,897,363.090	6,574,822.250	2-32b	74
E-MV32-05	G433	1,897,359.810	6,574,827.270	2-32b	74
E-MV32-06	G434	1,897,356.540	6,574,832.330	2-32b	74
E-CC30-01	G509	1,897,508.980	6,574,970.500	2-32b	75
E-NUT-A1	G435	1,897,485.710	6,575,127.010	2-32b	76
E-NUT-A2	G436	1,897,486.840	6,575,130.850	2-32b	76
E-NUT-A3	G437	1,897,487.810	6,575,134.320	2-32b	76
E-NUT-A4	G438	1,897,488.780	6,575,137.830	2-32b	76
E-NUT-B1	G439	1,897,529.940	6,575,119.750	2-32b	76
E-NUT-B2	G440	1,897,530.290	6,575,123.750	2-32b	76
E-NUT-B3	G441	1,897,530.570	6,575,127.790	2-32b	76
E-NUT-B4	G442	1,897,530.900	6,575,132.120	2-32b	76
E-NUT-C1	G443	1,897,574.000	6,575,125.580	2-32b	76
E-NUT-C2	G444	1,897,573.540	6,575,129.980	2-32b	76
E-NUT-D1	G445	1,897,610.370	6,575,139.670	2-32b	76
E-NUT-E1	G446	1,897,650.450	6,575,165.270	2-32b	76
E-NUT-F1	G447	1,897,691.260	6,575,194.170	2-32b	76
E-NUT-G1	G448	1,897,730.820	6,575,224.790	2-32b	76
E-NUT-H1	G449	1,897,768.560	6,575,254.770	2-32b	76
E-NUT-H2	G450	1,897,765.210	6,575,258.590	2-32b	76
E-NUT-I1	G451	1,897,807.120	6,575,286.630	2-32b	76
E-NUT-I2	G452	1,897,804.490	6,575,289.630	2-32b	76
E-NUT-I3	G453	1,897,801.850	6,575,292.640	2-32b	76
E-NUT-I4	G454	1,897,799.210	6,575,295.650	2-32b	76
E-NUT-I5	G455	1,897,796.580	6,575,298.660	2-32b	76
E-NUT-I6	G456	1,897,792.220	6,575,303.620	2-32b	76
E-NUT-J1	G457	1,897,845.180	6,575,319.010	2-32b	76
E-NUT-J2	G458	1,897,842.560	6,575,322.040	2-32b	76
E-NUT-J3	G459	1,897,839.940	6,575,325.060	2-32b	76
E-NUT-J4	G460	1,897,837.300	6,575,328.040	2-32b	76

TABLE 1
Boring Coordinates
SOL-80 Freeway Performance Initiative Project
Solano County, California

Boring ID	Sample ID	Northing	Easting	Figure	Dataset
E-NUT-J5	G461	1,897,834.670	6,575,331.070	2-32b	76
E-NUT-J6	G462	1,897,830.340	6,575,336.000	2-32b	76
E-NUT-K1	G463	1,897,882.690	6,575,352.030	2-32b	76
E-NUT-K2	G464	1,897,880.080	6,575,355.060	2-32b	76
E-NUT-K3	G465	1,897,877.430	6,575,358.050	2-32b	76
E-NUT-K4	G466	1,897,874.830	6,575,361.090	2-32b	76
E-NUT-K5	G467	1,897,872.160	6,575,364.120	2-32b	76
E-NUT-K6	G468	1,897,869.540	6,575,367.110	2-32b	76
E-NUT-L1	G510	1,897,919.750	6,575,385.700	2-32b	76
E-NUT-L2	G511	1,897,917.120	6,575,388.700	2-32b	76
E-NUT-L3	G512	1,897,914.480	6,575,391.710	2-32b	76
E-NUT-L4	G513	1,897,910.860	6,575,395.850	2-32b	76
E-NUT-M1	G514	1,897,956.170	6,575,420.040	2-32b	76
E-NUT-M2	G515	1,897,953.520	6,575,423.030	2-32b	76
E-NUT-M3	G516	1,897,951.240	6,575,425.620	2-32b	76
E-NUT-M4	G517	1,897,948.970	6,575,428.220	2-32b	76
E-NUT-N1	G518	1,897,991.830	6,575,455.180	2-32b	76
E-NUT-N2	G519	1,897,987.330	6,575,460.310	2-32b	76
E-NUT-O1	G520	1,898,027.670	6,575,490.140	2-32b	76
E-NUT-P1	G521	1,898,063.850	6,575,524.710	2-32b	76

Coordinates shown in feet, NAD 83, Zone 2

TABLE 2
Approximate Stationing for MVP, CCTV, and CMS Locations
SOL-80 Freeway Performance Initiative Project
Solano County, California

Location	Station Location	Dataset
E-MV1-TEN	"C5" 183+23 to 184+08	1
E-CC1-TEN	"C5" 183+00	2
E-CC2	"C5" 208+50	3
W-MV2-RED	"C5" 228+00 to 228+85	4
E-MV3	"C6" 282+92 to 283+77	6
E-CC4-01	"C6" 284+30	7
W-MV3C-LOOP	"WCP" 17+35 to 18+20	9
E-MV3B	"ECP" 20+71 to 21+63	10
E-MV3A	"SV" 42+66 to 43+51	11
W-CC5-01	"C6" 348+95	12
W-MV4	"C6" 397+50 to 398+35	13
W-CC6-01	"C6" 399+10	14
W-MV6-AME	"WAC" 14+00 to 14+80	15
W-CM1-01	"L" 151+80	16
E-MV5-AME	"EAC" 14+84 to 15+69	17
W-MV7A	"L" 196+00 to 196+85	18
W-CC7-01	"L" 203+40	19
W-CC8-01	"L" 228+30	20
E-CC9-01	"R" 256+20	21
E-CM2	"R" 258+00	22
W-CC10-01	"C2" 187+80	23
W-MV9	"C2" 188+48 to 189+33	24
E-CC11-01	"C2" 317+00	25
E-MV11	"C2" 330+16 to 331+01	26
E-CM3	"C2" 331+65	27
W-CC12-01	"M" 119+60	28
W-MV12	"M" 120+20 to 121+05	29
E-MV13	"M" 141+38 to 142+23	30
E-CC13-01	"M" 143+55	31
E-CC14-01	"M" 159+80	32
E-MV14	"M" 160+76 to 161+61	33
E-MV15	"M" 203+21 to 204+06	34
E-CC15-01	"M" 205+00	35
W-CC16-01	"M" 254+60	36
E-CC17-01	"M" 277+00	37
E-MV16	"M" 277+58 to 278+43	38
E-MV17	"M" 317+32 to 318+17	39
E-CC18-01	"M" 318+65	40
E-CC19-01	"M" 370+50	41
E-CC20-TEX	"C1" 151+65	42
W-MV19A-TEX-01	"C1" 159+26 to 160+11	43
W-CC21-01	"C1" 213+50	44
W-MV20	"C1" 214+04 to 214+89	45
W-MV21	"WCG" 14+80 to 15+65	46
E-CC22-01	"C1" 278+90	47
E-MV21	"C1" 279+44 to 280+29	48
W-MV24	"WPV" 15+43 to 16+20	49

TABLE 2
Approximate Stationing for MVP, CCTV, and CMS Locations
SOL-80 Freeway Performance Initiative Project
Solano County, California

Location	Station Location	Dataset
W-CC23-01	"C1" 308+65	50
W-MV23	"C1" 308+97 to 309+82	51
E-MV22	"EPV" 11+40 to 12+25	52
W-CC24-01	"C1" 344+90	53
W-MV25	"C1" 345+42 to 346+27	54
W-MV26A	"WA" 15+89 to 16+74	56
W-CC25-01	"C1" 376+85	57
E-MV26B	"D" 386+00 to 386+85	58
E-CC26-01	"C1" 411+00	59
E-MV27A	"EDS" 12+20 to 13+05	60
E-MV28	"C1" 433+15 to 434+00	61
E-CC27-01	"C1" 434+25	62
E-CM4-CLIF	"C1" 435+55	63
W-MV28A	"WM" 24+00 to 24+85	64
E-MV30-LOOP	"SAD" 17+35 to 18+20	66
W-CC28-01	"C1" 482+60	67
W-MV29	"C1" 483+00 to 483+85	68
E-MV31	"NAD" 20+00 to 20+85	69
W-MV-MONTE	"MT" 20+93 to 21+78	70
W-CC29-01	"C1" 525+75	71
E-MV32	"SF" 23+88 to 24+79	74
E-CC30-01	"C" 542+25	75

TABLE 3
Summary of Lead and pH Results
SOL-80 Freeway Performance Initiative Project
Solano County, California

Boring ID	Sample ID	Dataset	Sample Depth (ft)	Distance from EOP (ft)	Total Lead (mg/kg)	WET Lead (mg/l)	DI-WET Lead (mg/l)	TCLP Lead (mg/l)	pH
E-MV1-TEN-01	G1-0	1	0	0 to 3	11	---	---	---	---
E-MV1-TEN-01	G1-0.5	1	0.5	0 to 3	23	---	---	---	---
E-MV1-TEN-02	G2-0	1	0	3 to 6	2,200	160	---	2.2	---
E-MV1-TEN-02	G2-0.5	1	0.5	3 to 6	290	13	<0.50	---	---
E-MV1-TEN-03	G3-0	1	0	>9	3,100	160	---	1.6	---
E-MV1-TEN-03	G3-0.5	1	0.5	>9	74	5.3	<0.50	---	---
E-MV1-TEN-04	G4-0	1	0	0 to 3	16	---	---	---	---
E-MV1-TEN-04	G4-0.5	1	0.5	0 to 3	73	4.0	---	---	---
E-MV1-TEN-05	G5-0	1	0	3 to 6	460	31	---	<0.50	---
E-MV1-TEN-05	G5-0.5	1	0.5	3 to 6	720	37	---	<0.50	7.2
E-MV1-TEN-06	G6-0	1	0	>9	340	17	---	<0.50	---
E-MV1-TEN-06	G6-0.5	1	0.5	>9	43	---	---	---	---
E-CC1-TEN	G7-0	2	0	>9	140	10	<0.50	---	---
E-CC1-TEN	G7-0.5	2	0.5	>9	250	14	<0.50	---	---
E-CC1-TEN	G7-1.5	2	1.5	>9	110	8.7	<0.50	---	---
E-CC1-TEN	G7-2.5	2	2.5	>9	160	15	<0.50	---	---
E-CC1-TEN	G7-3.5	2	3.5	>9	160	9.0	<0.50	---	---
E-CC2	G8-0	3	0	>9	250	7.1	<0.50	---	7.5
E-CC2	G8-0.5	3	0.5	>9	20	---	---	---	---
W-MV2-RED-01	G9-0	4	0	0 to 3	61	2.4	---	---	---
W-MV2-RED-01	G9-0.5	4	0.5	0 to 3	55	1.7	---	---	7.6
W-MV2-RED-02	G10-0	4	0	3 to 6	61	2.7	---	---	---
W-MV2-RED-02	G10-0.5	4	0.5	3 to 6	44	---	---	---	---
W-MV2-RED-03	G11-0	4	0	>9	53	1.8	---	---	---
W-MV2-RED-03	G11-0.5	4	0.5	>9	79	3.8	---	---	---
W-MV2-RED-04	G12-0	4	0	0 to 3	63	2.5	---	---	---
W-MV2-RED-04	G12-0.5	4	0.5	0 to 3	260	8.3	<0.50	---	---
W-MV2-RED-05	G13-0	4	0	3 to 6	51	1.9	---	---	---
W-MV2-RED-05	G13-0.5	4	0.5	3 to 6	67	3.4	---	---	---
W-MV2-RED-06	G14-0	4	0	>9	38	---	---	---	---
W-MV2-RED-06	G14-0.5	4	0.5	>9	56	2.4	---	---	7.9
W-R37-A1	G15-0	5	0	0 to 3	28	---	---	---	8.6
W-R37-A1	G15-0.5	5	0.5	0 to 3	4.7	---	---	---	---
W-R37-A1	G15-1.5	5	1.5	0 to 3	11	---	---	---	---
W-R37-A1	G15-2.5	5	2.5	0 to 3	7.6	---	---	---	---
W-R37-B1	G16-0	5	0	0 to 3	27	---	---	---	---
W-R37-B1	G16-0.5	5	0.5	0 to 3	26	---	---	---	---
W-R37-B1	G16-1.5	5	1.5	0 to 3	25	---	---	---	---
W-R37-B1	G16-2.5	5	2.5	0 to 3	1.3	---	---	---	---
W-R37-C1	G17-0	5	0	0 to 3	14	---	---	---	---
W-R37-C1	G17-0.5	5	0.5	0 to 3	<1.0	---	---	---	8.8
W-R37-C1	G17-1.5	5	1.5	0 to 3	1.4	---	---	---	---
W-R37-C1	G17-2.5	5	2.5	0 to 3	1.1	---	---	---	---
W-R37-C2	G18-0	5	0	3 to 6	36	---	---	---	---
W-R37-C2	G18-0.5	5	0.5	3 to 6	1.8	---	---	---	---
W-R37-C2	G18-1.5	5	1.5	3 to 6	15	---	---	---	---
W-R37-C2	G18-2.5	5	2.5	3 to 6	1.7	---	---	---	---
W-R37-D1	G19-0	5	0	0 to 3	36	---	---	---	---
W-R37-D1	G19-0.5	5	0.5	0 to 3	<1.0	---	---	---	---
W-R37-D1	G19-1.5	5	1.5	0 to 3	<1.0	---	---	---	---
W-R37-D1	G19-2.5	5	2.5	0 to 3	1.4	---	---	---	9.0

TABLE 3
Summary of Lead and pH Results
SOL-80 Freeway Performance Initiative Project
Solano County, California

Boring ID	Sample ID	Dataset	Sample Depth (ft)	Distance from EOP (ft)	Total Lead (mg/kg)	WET Lead (mg/l)	DI-WET Lead (mg/l)	TCLP Lead (mg/l)	pH
W-R37-D2	G20-0	5	0	3 to 6	25	---	---	---	---
W-R37-D2	G20-0.5	5	0.5	3 to 6	5.3	---	---	---	---
W-R37-D2	G20-1.5	5	1.5	3 to 6	25	---	---	---	---
W-R37-D2	G20-2.5	5	2.5	3 to 6	29	---	---	---	---
W-R37-E1	G21-0	5	0	0 to 3	13	---	---	---	---
W-R37-E1	G21-0.5	5	0.5	0 to 3	<1.0	---	---	---	---
W-R37-E1	G21-1.5	5	1.5	0 to 3	1.5	---	---	---	---
W-R37-E1	G21-2.5	5	2.5	0 to 3	1.8	---	---	---	---
W-R37-E2	G22-0	5	0	3 to 6	4.4	---	---	---	---
W-R37-E2	G22-0.5	5	0.5	3 to 6	8.7	---	---	---	8.1
W-R37-E2	G22-1.5	5	1.5	3 to 6	2.5	---	---	---	---
W-R37-E2	G22-2.5	5	2.5	3 to 6	1.6	---	---	---	---
W-R37-F1	G23-0	5	0	0 to 3	<1.0	---	---	---	---
W-R37-F1	G23-0.5	5	0.5	0 to 3	<1.0	---	---	---	---
W-R37-F1	G23-1.5	5	1.5	0 to 3	<1.0	---	---	---	---
W-R37-F1	G23-2.5	5	2.5	0 to 3	<1.0	---	---	---	---
W-R37-F2	G24-0	5	0	6 to 9	36	---	---	---	---
W-R37-F2	G24-0.5	5	0.5	6 to 9	29	---	---	---	---
W-R37-F2	G24-1.5	5	1.5	6 to 9	5.9	---	---	---	---
W-R37-F2	G24-2.5	5	2.5	6 to 9	6.3	---	---	---	8.7
W-R37-G1	G33-0	5	0	0 to 3	2.5	---	---	---	---
W-R37-G1	G33-0.5	5	0.5	0 to 3	<1.0	---	---	---	---
W-R37-G1	G33-1.5	5	1.5	0 to 3	<1.0	---	---	---	---
W-R37-G1	G33-2.5	5	2.5	0 to 3	<1.0	---	---	---	---
W-R37-H1	G36-0	5	0	0 to 3	<1.0	---	---	---	---
W-R37-H1	G36-0.5	5	0.5	0 to 3	<1.0	---	---	---	---
W-R37-H1	G36-1.5	5	1.5	0 to 3	<1.0	---	---	---	---
W-R37-H1	G36-2.5	5	2.5	0 to 3	<1.0	---	---	---	---
W-R37-H2	G37-0	5	0	6 to 9	8.9	---	---	---	---
W-R37-H2	G37-0.5	5	0.5	6 to 9	11	---	---	---	8.3
W-R37-H2	G37-1.5	5	1.5	6 to 9	7.9	---	---	---	---
W-R37-H2	G37-2.5	5	2.5	6 to 9	6.5	---	---	---	---
W-R37-I1	G40-0	5	0	0 to 3	13	---	---	---	---
W-R37-I1	G40-0.5	5	0.5	0 to 3	<1.0	---	---	---	---
W-R37-I1	G40-1.5	5	1.5	0 to 3	<1.0	---	---	---	---
W-R37-I1	G40-2.5	5	2.5	0 to 3	<1.0	---	---	---	---
W-R37-I2	G41-0	5	0	3 to 6	<1.0	---	---	---	---
W-R37-I2	G41-0.5	5	0.5	3 to 6	8.6	---	---	---	---
W-R37-I2	G41-1.5	5	1.5	3 to 6	7.4	---	---	---	---
W-R37-I2	G41-2.5	5	2.5	3 to 6	7.1	---	---	---	8.7
W-R37-I3	G42-0	5	0	6 to 9	3.5	---	---	---	---
W-R37-I3	G42-0.5	5	0.5	6 to 9	8.9	---	---	---	---
W-R37-I3	G42-1.5	5	1.5	6 to 9	9.7	---	---	---	---
W-R37-I3	G42-2.5	5	2.5	6 to 9	8.7	---	---	---	---
W-R37-I4	G43-0	5	0	>9	7.3	---	---	---	---
W-R37-I4	G43-0.5	5	0.5	>9	10	---	---	---	---
W-R37-I4	G43-1.5	5	1.5	>9	8.6	---	---	---	---
W-R37-I4	G43-2.5	5	2.5	>9	8.1	---	---	---	---
W-R37-I5	G44-0	5	0	>9	7.7	---	---	---	---
W-R37-I5	G44-0.5	5	0.5	>9	7.5	---	---	---	8.2
W-R37-I5	G44-1.5	5	1.5	>9	9.4	---	---	---	---
W-R37-I5	G44-2.5	5	2.5	>9	8.8	---	---	---	---
W-R37-J1	G47-0	5	0	0 to 3	4.9	---	---	---	---
W-R37-J1	G47-0.5	5	0.5	0 to 3	<1.0	---	---	---	---
W-R37-J1	G47-1.5	5	1.5	0 to 3	<1.0	---	---	---	---
W-R37-J1	G47-2.5	5	2.5	0 to 3	<1.0	---	---	---	---

TABLE 3
Summary of Lead and pH Results
SOL-80 Freeway Performance Initiative Project
Solano County, California

Boring ID	Sample ID	Dataset	Sample Depth (ft)	Distance from EOP (ft)	Total Lead (mg/kg)	WET Lead (mg/l)	DI-WET Lead (mg/l)	TCLP Lead (mg/l)	pH
W-R37-J2	G48-0	5	0	3 to 6	<1.0	---	---	---	---
W-R37-J2	G48-0.5	5	0.5	3 to 6	<1.0	---	---	---	---
W-R37-J2	G48-1.5	5	1.5	3 to 6	8.1	---	---	---	---
W-R37-J2	G48-2.5	5	2.5	3 to 6	9.7	---	---	---	8.2
W-R37-J3	G49-0	5	0	6 to 9	8.6	---	---	---	---
W-R37-J3	G49-0.5	5	0.5	6 to 9	11	---	---	---	---
W-R37-J3	G49-1.5	5	1.5	6 to 9	7.8	---	---	---	---
W-R37-J3	G49-2.5	5	2.5	6 to 9	7.0	---	---	---	---
W-R37-K1	G52-0	5	0	0 to 3	31	---	---	---	---
W-R37-K1	G52-0.5	5	0.5	0 to 3	8.3	---	---	---	---
W-R37-K1	G52-1.5	5	1.5	0 to 3	<1.0	---	---	---	---
W-R37-K1	G52-2.5	5	2.5	0 to 3	6.1	---	---	---	---
W-R37-K2	G53-0	5	0	3 to 6	28	---	---	---	---
W-R37-K2	G53-0.5	5	0.5	3 to 6	31	---	---	---	8.4
W-R37-K2	G53-1.5	5	1.5	3 to 6	27	---	---	---	---
W-R37-K2	G53-2.5	5	2.5	3 to 6	16	---	---	---	---
W-R37-K3	G54-0	5	0	>9	45	---	---	---	---
W-R37-K3	G54-0.5	5	0.5	>9	88	3.1	---	---	---
W-R37-K3	G54-1.5	5	1.5	>9	36	---	---	---	---
W-R37-K3	G54-2.5	5	2.5	>9	11	---	---	---	---
W-R37-K4	G55-0	5	0	>9	16	---	---	---	---
W-R37-K4	G55-0.5	5	0.5	>9	40	---	---	---	---
W-R37-K4	G55-1.5	5	1.5	>9	130	4.5	---	---	---
W-R37-K4	G55-2.5	5	2.5	>9	15	---	---	---	7.9
W-R37-L1	G56-0	5	0	0 to 3	94	4.5	---	---	---
W-R37-L1	G56-0.5	5	0.5	0 to 3	<1.0	---	---	---	---
W-R37-L1	G56-1.5	5	1.5	0 to 3	<1.0	---	---	---	---
W-R37-L1	G56-2.5	5	2.5	0 to 3	<1.0	---	---	---	---
W-R37-L2	G57-0	5	0	3 to 6	<5.0	---	---	---	---
W-R37-L2	G57-0.5	5	0.5	3 to 6	4.6	---	---	---	---
W-R37-L2	G57-1.5	5	1.5	3 to 6	81	6.0	<0.50	---	---
W-R37-L2	G57-2.5	5	2.5	3 to 6	49	---	---	---	---
W-R37-L3	G58-0	5	0	6 to 9	14	---	---	---	---
W-R37-L3	G58-0.5	5	0.5	6 to 9	25	---	---	---	7.6
W-R37-L3	G58-1.5	5	1.5	6 to 9	140	8.3	<0.50	---	---
W-R37-L3	G58-2.5	5	2.5	6 to 9	210	2.4	---	---	---
W-R37-L4	G59-0	5	0	>9	28	---	---	---	---
W-R37-L4	G59-0.5	5	0.5	>9	71	2.7	---	---	---
W-R37-L4	G59-1.5	5	1.5	>9	17	---	---	---	---
W-R37-L4	G59-2.5	5	2.5	>9	160	1.4	---	---	---
W-R37-M1	G60-0	5	0	0 to 3	12	---	---	---	---
W-R37-M1	G60-0.5	5	0.5	0 to 3	3.3	---	---	---	---
W-R37-M1	G60-1.5	5	1.5	0 to 3	2.6	---	---	---	---
W-R37-M1	G60-2.5	5	2.5	0 to 3	<1.0	---	---	---	7.8
W-R37-M2	G61-0	5	0	3 to 6	670	9.4	---	<0.50	---
W-R37-M2	G61-0.5	5	0.5	3 to 6	<1.0	---	---	---	---
W-R37-M2	G61-1.5	5	1.5	3 to 6	100	2.2	---	---	---
W-R37-M2	G61-2.5	5	2.5	3 to 6	42	---	---	---	---
W-R37-M3	G62-0	5	0	6 to 9	26	---	---	---	---
W-R37-M3	G62-0.5	5	0.5	6 to 9	23	---	---	---	---
W-R37-M3	G62-1.5	5	1.5	6 to 9	87	2.4	---	---	---
W-R37-M3	G62-2.5	5	2.5	6 to 9	33	---	---	---	---
W-R37-M4	G63-0	5	0	>9	97	3.8	---	---	---
W-R37-M4	G63-0.5	5	0.5	>9	89	3.3	---	---	7.5
W-R37-M4	G63-1.5	5	1.5	>9	70	3.4	---	---	---
W-R37-M4	G63-2.5	5	2.5	>9	82	4.4	---	---	---

TABLE 3
Summary of Lead and pH Results
SOL-80 Freeway Performance Initiative Project
Solano County, California

Boring ID	Sample ID	Dataset	Sample Depth (ft)	Distance from EOP (ft)	Total Lead (mg/kg)	WET Lead (mg/l)	DI-WET Lead (mg/l)	TCLP Lead (mg/l)	pH
W-R37-N1	G64-0	5	0	0 to 3	420	37	---	0.93	---
W-R37-N1	G64-0.5	5	0.5	0 to 3	<1.0	---	---	---	---
W-R37-N1	G64-1.5	5	1.5	0 to 3	<1.0	---	---	---	---
W-R37-N1	G64-2.5	5	2.5	0 to 3	<1.0	---	---	---	---
W-R37-N2	G65-0	5	0	3 to 6	690	49	---	1.2	---
W-R37-N2	G65-0.5	5	0.5	3 to 6	86	5.1	<0.50	---	---
W-R37-N2	G65-1.5	5	1.5	3 to 6	39	---	---	---	---
W-R37-N2	G65-2.5	5	2.5	3 to 6	280	14	<0.50	---	7.7
W-R37-N3	G66-0	5	0	>9	94	2.7	---	---	---
W-R37-N3	G66-0.5	5	0.5	>9	59	2.4	---	---	---
W-R37-N3	G66-1.5	5	1.5	>9	51	2.6	---	---	---
W-R37-N3	G66-2.5	5	2.5	>9	170	12	<0.50	---	---
W-R37-O1	G68-0	5	0	0 to 3	120	3.7	---	---	---
W-R37-O1	G68-0.5	5	0.5	0 to 3	<1.0	---	---	---	---
W-R37-O1	G68-1.5	5	1.5	0 to 3	<1.0	---	---	---	---
W-R37-O1	G68-2.5	5	2.5	0 to 3	<1.0	---	---	---	---
W-R37-O2	G69-0	5	0	3 to 6	190	13	<0.50	---	---
W-R37-O2	G69-0.5	5	0.5	3 to 6	13	---	---	---	8.0
W-R37-O2	G69-1.5	5	1.5	3 to 6	60	1.9	---	---	---
W-R37-O2	G69-2.5	5	2.5	3 to 6	540	21	---	0.63	---
W-R37-O3	G70-0	5	0	6 to 9	190	13	<0.50	---	---
W-R37-O3	G70-0.5	5	0.5	6 to 9	34	---	---	---	---
W-R37-O3	G70-1.5	5	1.5	6 to 9	150	9.5	<0.50	---	---
W-R37-O3	G70-2.5	5	2.5	6 to 9	17	---	---	---	---
W-R37-O4	G71-0	5	0	>9	62	0.74	---	---	---
W-R37-O4	G71-0.5	5	0.5	>9	140	7.6	<0.50	---	---
W-R37-O4	G71-1.5	5	1.5	>9	6.3	---	---	---	---
W-R37-O4	G71-2.5	5	2.5	>9	<1.0	---	---	---	8.6
W-R37-P1	G72-0	5	0	0 to 3	130	4.9	---	---	---
W-R37-P1	G72-0.5	5	0.5	0 to 3	<1.0	---	---	---	---
W-R37-P1	G72-1.5	5	1.5	0 to 3	<1.0	---	---	---	---
W-R37-P1	G72-2.5	5	2.5	0 to 3	<1.0	---	---	---	---
W-R37-P2	G73-0	5	0	3 to 6	400	2.9	---	<0.50	---
W-R37-P2	G73-0.5	5	0.5	3 to 6	21	---	---	---	---
W-R37-P2	G73-1.5	5	1.5	3 to 6	13	---	---	---	---
W-R37-P2	G73-2.5	5	2.5	3 to 6	7.4	---	---	---	---
W-R37-P3	G74-0	5	0	6 to 9	20	---	---	---	---
W-R37-P3	G74-0.5	5	0.5	6 to 9	14	---	---	---	8.4
W-R37-P3	G74-1.5	5	1.5	6 to 9	11	---	---	---	---
W-R37-P3	G74-2.5	5	2.5	6 to 9	57	1.9	---	---	---
W-R37-P4	G75-0	5	0	>9	100	4.6	---	---	---
W-R37-P4	G75-0.5	5	0.5	>9	11	---	---	---	---
W-R37-P4	G75-1.5	5	1.5	>9	110	4.4	---	---	---
W-R37-P4	G75-2.5	5	2.5	>9	37	---	---	---	---
W-R37-Q1	G76-0	5	0	0 to 3	710	26	---	<0.50	---
W-R37-Q1	G76-0.5	5	0.5	0 to 3	1.2	---	---	---	---
W-R37-Q1	G76-1.5	5	1.5	0 to 3	<5.0	---	---	---	---
W-R37-Q1	G76-2.5	5	2.5	0 to 3	15	---	---	---	7.6
W-R37-Q2	G77-0	5	0	3 to 6	17	---	---	---	---
W-R37-Q2	G77-0.5	5	0.5	3 to 6	78	2.7	---	---	---
W-R37-Q2	G77-1.5	5	1.5	3 to 6	15	---	---	---	---
W-R37-Q2	G77-2.5	5	2.5	3 to 6	25	---	---	---	---
W-R37-Q3	G78-0	5	0	6 to 9	18	---	---	---	---
W-R37-Q3	G78-0.5	5	0.5	6 to 9	9.6	---	---	---	---
W-R37-Q3	G78-1.5	5	1.5	6 to 9	7.5	---	---	---	---
W-R37-Q3	G78-2.5	5	2.5	6 to 9	18	---	---	---	---

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SOL-80 Freeway Performance Initiative Project
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Boring ID	Sample ID	Dataset	Sample Depth (ft)	Distance from EOP (ft)	Total Lead (mg/kg)	WET Lead (mg/l)	DI-WET Lead (mg/l)	TCLP Lead (mg/l)	pH
W-R37-Q4	G79-0	5	0	>9	64	2.2	---	---	---
W-R37-Q4	G79-0.5	5	0.5	>9	7.8	---	---	---	8.1
W-R37-Q4	G79-1.5	5	1.5	>9	30	---	---	---	---
W-R37-Q4	G79-2.5	5	2.5	>9	19	---	---	---	---
W-R37-R1	G80-0	5	0	0 to 3	170	9.9	<0.50	---	---
W-R37-R1	G80-0.5	5	0.5	0 to 3	1.6	---	---	---	---
W-R37-R1	G80-1.5	5	1.5	0 to 3	<1.0	---	---	---	---
W-R37-R1	G80-2.5	5	2.5	0 to 3	10	---	---	---	---
W-R37-R2	G81-0	5	0	3 to 6	58	3.8	---	---	---
W-R37-R2	G81-0.5	5	0.5	3 to 6	6.5	---	---	---	8.3
W-R37-R2	G81-1.5	5	1.5	3 to 6	8.8	---	---	---	---
W-R37-R2	G81-2.5	5	2.5	3 to 6	12	---	---	---	---
W-R37-R3	G82-0	5	0	6 to 9	9.5	---	---	---	---
W-R37-R3	G82-0.5	5	0.5	6 to 9	15	---	---	---	---
W-R37-R3	G82-1.5	5	1.5	6 to 9	15	---	---	---	---
W-R37-R3	G82-2.5	5	2.5	6 to 9	98	0.54	---	---	---
W-R37-R4	G83-0	5	0	>9	36	---	---	---	---
W-R37-R4	G83-0.5	5	0.5	>9	18	---	---	---	---
W-R37-R4	G83-1.5	5	1.5	>9	26	---	---	---	---
W-R37-R4	G83-2.5	5	2.5	>9	38	1.6	---	---	---
W-R37-S1	G84-0	5	0	0 to 3	330	17	---	<0.50	8.2
W-R37-S1	G84-0.5	5	0.5	0 to 3	1.5	---	---	---	---
W-R37-S1	G84-1.5	5	1.5	0 to 3	<1.0	---	---	---	---
W-R37-S1	G84-2.5	5	2.5	0 to 3	<1.0	---	---	---	---
W-R37-S2	G85-0	5	0	3 to 6	55	---	---	---	---
W-R37-S2	G85-0.5	5	0.5	3 to 6	25	---	---	---	---
W-R37-S2	G85-1.5	5	1.5	3 to 6	10	---	---	---	---
W-R37-S2	G85-2.5	5	2.5	3 to 6	23	---	---	---	---
W-R37-S3	G86-0	5	0	6 to 9	16	---	---	---	---
W-R37-S3	G86-0.5	5	0.5	6 to 9	8.5	---	---	---	---
W-R37-S3	G86-1.5	5	1.5	6 to 9	40	---	---	---	---
W-R37-S3	G86-2.5	5	2.5	6 to 9	16	---	---	---	8.2
W-R37-S4	G87-0	5	0	>9	14	---	---	---	---
W-R37-S4	G87-0.5	5	0.5	>9	38	---	---	---	---
W-R37-S4	G87-1.5	5	1.5	>9	37	---	---	---	---
W-R37-S4	G87-2.5	5	2.5	>9	26	---	---	---	---
W-R37-T1	G88-0	5	0	0 to 3	98	9.9	<0.50	---	---
W-R37-T1	G88-0.5	5	0.5	0 to 3	2.6	---	---	---	---
W-R37-T1	G88-1.5	5	1.5	0 to 3	<1.0	---	---	---	---
W-R37-T1	G88-2.5	5	2.5	0 to 3	<1.0	---	---	---	---
W-R37-T2	G89-0	5	0	3 to 6	17	---	---	---	---
W-R37-T2	G89-0.5	5	0.5	3 to 6	3.0	---	---	---	---
W-R37-T2	G89-1.5	5	1.5	3 to 6	28	---	---	---	8.1
W-R37-T2	G89-2.5	5	2.5	3 to 6	26	---	---	---	---
W-R37-T3	G90-0	5	0	6 to 9	25	---	---	---	7.8
W-R37-T3	G90-0.5	5	0.5	6 to 9	13	---	---	---	---
W-R37-T3	G90-1.5	5	1.5	6 to 9	7.9	---	---	---	---
W-R37-T3	G90-2.5	5	2.5	6 to 9	38	---	---	---	---
W-R37-T4	G91-0	5	0	>9	22	---	---	---	---
W-R37-T4	G91-0.5	5	0.5	>9	120	1.2	---	---	---
W-R37-T4	G91-1.5	5	1.5	>9	31	---	---	---	---
W-R37-T4	G91-2.5	5	2.5	>9	3.0	---	---	---	---
W-R37-U1	G92-0	5	0	0 to 3	36	---	---	---	---
W-R37-U1	G92-0.5	5	0.5	0 to 3	<1.0	---	---	---	---
W-R37-U1	G92-1.5	5	1.5	0 to 3	<1.0	---	---	---	---
W-R37-U1	G92-2.5	5	2.5	0 to 3	<1.0	---	---	---	7.7

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W-R37-U2	G93-0	5	0	3 to 6	18	---	---	---	---
W-R37-U2	G93-0.5	5	0.5	3 to 6	28	---	---	---	---
W-R37-U2	G93-1.5	5	1.5	3 to 6	120	3.4	---	---	---
W-R37-U2	G93-2.5	5	2.5	3 to 6	24	---	---	---	---
W-R37-U3	G94-0	5	0	6 to 9	33	---	---	---	---
W-R37-U3	G94-0.5	5	0.5	6 to 9	38	---	---	---	---
W-R37-U3	G94-1.5	5	1.5	6 to 9	16	---	---	---	---
W-R37-U3	G94-2.5	5	2.5	6 to 9	20	---	---	---	---
W-R37-U4	G95-0	5	0	>9	26	---	---	---	---
W-R37-U4	G95-0.5	5	0.5	>9	59	2.2	---	---	---
W-R37-U4	G95-1.5	5	1.5	>9	15	---	---	---	7.0
W-R37-U4	G95-2.5	5	2.5	>9	2.2	---	---	---	---
E-MV3-01	G27-0	6	0	0 to 3	210	14	<0.50	---	---
E-MV3-01	G27-0.5	6	0.5	0 to 3	320	14	---	<0.50	---
E-MV3-02	G28-0	6	0	3 to 6	220	8.0	<0.50	---	---
E-MV3-02	G28-0.5	6	0.5	3 to 6	130	4.8	---	---	---
E-MV3-03	G29-0	6	0	>9	170	7.0	<0.50	---	---
E-MV3-03	G29-0.5	6	0.5	>9	140	6.1	<0.50	---	---
E-MV3-04	G30-0	6	0	0 to 3	430	25	---	<0.50	---
E-MV3-04	G30-0.5	6	0.5	0 to 3	200	1.7	---	---	8.2
E-MV3-05	G31-0	6	0	3 to 6	18	---	---	---	---
E-MV3-05	G31-0.5	6	0.5	3 to 6	210	1.1	---	---	---
E-MV3-06	G32-0	6	0	>9	270	10	<0.50	---	---
E-MV3-06	G32-0.5	6	0.5	>9	41	---	---	---	---
E-CC4-01	G67-0	7	0	>9	34	---	---	---	---
E-CC4-01	G67-0.5	7	0.5	>9	1.4	---	---	---	---
E-CC4-01	G67-1.5	7	1.5	>9	9.0	---	---	---	---
E-CC4-01	G67-2.5	7	2.5	>9	13	---	---	---	---
E-CC4-01	G67-3.5	7	3.5	>9	9.7	---	---	---	---
E-CC4-01	G67-4.5	7	4.5	>9	8.6	---	---	---	---
E-CC4-01	G67-5.5	7	5.5	>9	9.6	---	---	---	---
E-CC4-01	G67-6.5	7	6.5	>9	7.0	---	---	---	8.6
W-R37-FL1	G25-0	8	0	0 to 3	27	---	---	---	---
W-R37-FL1	G25-0.5	8	0.5	0 to 3	1.1	---	---	---	8.0
W-R37-FL1	G25-1.5	8	1.5	0 to 3	15	---	---	---	---
W-R37-FL1	G25-2.5	8	2.5	0 to 3	8.9	---	---	---	---
W-R37-FL2	G26-0	8	0	3 to 6	11	---	---	---	---
W-R37-FL2	G26-0.5	8	0.5	3 to 6	14	---	---	---	---
W-R37-FL2	G26-1.5	8	1.5	3 to 6	15	---	---	---	---
W-R37-FL2	G26-2.5	8	2.5	3 to 6	8.1	---	---	---	---
W-R37-GL1	G34-0	8	0	0 to 3	100	6.5	<0.50	---	---
W-R37-GL1	G34-0.5	8	0.5	0 to 3	4.8	---	---	---	---
W-R37-GL1	G34-1.5	8	1.5	0 to 3	1.3	---	---	---	---
W-R37-GL1	G34-2.5	8	2.5	0 to 3	16	---	---	---	---
W-R37-GL2	G35-0	8	0	3 to 6	110	4.5	---	---	7.5
W-R37-GL2	G35-0.5	8	0.5	3 to 6	39	---	---	---	---
W-R37-GL2	G35-1.5	8	1.5	3 to 6	6.2	---	---	---	---
W-R37-GL2	G35-2.5	8	2.5	3 to 6	130	6.5	<0.50	---	---
W-R37-HL1	G38-0	8	0	0 to 3	15	---	---	---	---
W-R37-HL1	G38-0.5	8	0.5	0 to 3	3.7	---	---	---	---
W-R37-HL1	G38-1.5	8	1.5	0 to 3	1.2	---	---	---	---
W-R37-HL1	G38-2.5	8	2.5	0 to 3	<1.0	---	---	---	---

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W-R37-HL2	G39-0	8	0	3 to 6	83	5.0	<0.50	---	---
W-R37-HL2	G39-0.5	8	0.5	3 to 6	9.4	---	---	---	---
W-R37-HL2	G39-1.5	8	1.5	3 to 6	<1.0	---	---	---	---
W-R37-HL2	G39-2.5	8	2.5	3 to 6	13	---	---	---	7.8
W-R37-IL1	G45-0	8	0	0 to 3	4.4	---	---	---	---
W-R37-IL1	G45-0.5	8	0.5	0 to 3	2.0	---	---	---	---
W-R37-IL1	G45-1.5	8	1.5	0 to 3	<1.0	---	---	---	---
W-R37-IL1	G45-2.5	8	2.5	0 to 3	<1.0	---	---	---	---
W-R37-IL2	G46-0	8	0	3 to 6	560	11	---	1.2	---
W-R37-IL2	G46-0.5	8	0.5	3 to 6	23	---	---	---	---
W-R37-IL2	G46-1.5	8	1.5	3 to 6	<1.0	---	---	---	---
W-R37-IL2	G46-2.5	8	2.5	3 to 6	8.2	---	---	---	---
W-R37-JL1	G50-0	8	0	0 to 3	260	8.7	<0.50	---	---
W-R37-JL1	G50-0.5	8	0.5	0 to 3	3.9	---	---	---	---
W-R37-JL1	G50-1.5	8	1.5	0 to 3	21	---	---	---	8.3
W-R37-JL1	G50-2.5	8	2.5	0 to 3	<1.0	---	---	---	---
W-R37-JL2	G51-0	8	0	3 to 6	6.2	---	---	---	---
W-R37-JL2	G51-0.5	8	0.5	3 to 6	9.5	---	---	---	---
W-R37-JL2	G51-1.5	8	1.5	3 to 6	29	---	---	---	---
W-R37-JL2	G51-2.5	8	2.5	3 to 6	8.9	---	---	---	---
W-MV3C-LOOP-01	G108-0	9	0	0 to 3	21	---	---	---	---
W-MV3C-LOOP-01	G108-0.5	9	0.5	0 to 3	7.1	---	---	---	---
W-MV3C-LOOP-02	G109-0	9	0	3 to 6	32	---	---	---	---
W-MV3C-LOOP-02	G109-0.5	9	0.5	3 to 6	20	---	---	---	---
W-MV3C-LOOP-03	G110-0	9	0	>9	95	3.8	---	---	---
W-MV3C-LOOP-03	G110-0.5	9	0.5	>9	35	---	---	---	7.6
W-MV3C-LOOP-04	G111-0	9	0	0 to 3	59	1.8	---	---	---
W-MV3C-LOOP-04	G111-0.5	9	0.5	0 to 3	17	---	---	---	---
W-MV3C-LOOP-05	G112-0	9	0	3 to 6	22	---	---	---	---
W-MV3C-LOOP-05	G112-0.5	9	0.5	3 to 6	16	---	---	---	---
W-MV3C-LOOP-06	G113-0	9	0	>9	15	---	---	---	---
W-MV3C-LOOP-06	G113-0.5	9	0.5	>9	16	---	---	---	---
E-MV3B-01	G102-0	10	0	0 to 3	23	---	---	---	---
E-MV3B-01	G102-0.5	10	0.5	0 to 3	12	---	---	---	---
E-MV3B-02	G103-0	10	0	3 to 6	27	---	---	---	---
E-MV3B-02	G103-0.5	10	0.5	3 to 6	26	---	---	---	8.0
E-MV3B-03	G104-0	10	0	>9	23	---	---	---	---
E-MV3B-03	G104-0.5	10	0.5	>9	8.7	---	---	---	---
E-MV3B-04	G105-0	10	0	0 to 3	42	---	---	---	---
E-MV3B-04	G105-0.5	10	0.5	0 to 3	51	2.3	---	---	---
E-MV3B-05	G106-0	10	0	3 to 6	81	2.7	---	---	---
E-MV3B-05	G106-0.5	10	0.5	3 to 6	23	---	---	---	---
E-MV3B-06	G107-0	10	0	>9	68	1.3	---	---	---
E-MV3B-06	G107-0.5	10	0.5	>9	28	---	---	---	---
E-MV3A-01	G96-0	11	0	0 to 3	270	6.8	<0.50	---	---
E-MV3A-01	G96-0.5	11	0.5	0 to 3	670	7.7	---	<0.50	7.4
E-MV3A-02	G97-0	11	0	3 to 6	220	5.2	<0.50	---	---
E-MV3A-02	G97-0.5	11	0.5	3 to 6	130	4.5	---	---	---
E-MV3A-03	G98-0	11	0	>9	150	4.9	---	---	---
E-MV3A-03	G98-0.5	11	0.5	>9	86	2.7	---	---	---

TABLE 3
Summary of Lead and pH Results
SOL-80 Freeway Performance Initiative Project
Solano County, California

Boring ID	Sample ID	Dataset	Sample Depth (ft)	Distance from EOP (ft)	Total Lead (mg/kg)	WET Lead (mg/l)	DI-WET Lead (mg/l)	TCLP Lead (mg/l)	pH
E-MV3A-04	G99-0	11	0	0 to 3	370	15	---	<0.50	---
E-MV3A-04	G99-0.5	11	0.5	0 to 3	54	2.2	---	---	---
E-MV3A-05	G100-0	11	0	3 to 6	49	---	---	---	---
E-MV3A-05	G100-0.5	11	0.5	3 to 6	32	---	---	---	---
E-MV3A-06	G101-0	11	0	>9	200	6.7	<0.50	---	---
E-MV3A-06	G101-0.5	11	0.5	>9	56	2.0	---	---	7.8
W-CC5-01	G114-0	12	0	>9	15	---	---	---	---
W-CC5-01	G114-0.5	12	0.5	>9	9.7	---	---	---	---
W-CC5-01	G114-1.5	12	1.5	>9	10	---	---	---	---
W-CC5-01	G114-2.5	12	2.5	>9	9.1	---	---	---	---
W-CC5-01	G114-3.5	12	3.5	>9	7.8	---	---	---	---
W-CC5-01	G114-4.5	12	4.5	>9	11	---	---	---	---
W-MV4-01	G115-0	13	0	0 to 3	82	4.9	---	---	---
W-MV4-01	G115-0.5	13	0.5	0 to 3	140	7.7	<0.50	---	---
W-MV4-02	G116-0	13	0	3 to 6	280	13	<0.50	---	---
W-MV4-02	G116-0.5	13	0.5	3 to 6	130	5.9	<0.50	---	8.0
W-MV4-03	G117-0	13	0	>9	160	6.0	<0.50	---	---
W-MV4-03	G117-0.5	13	0.5	>9	85	9.8	<0.50	---	---
W-MV4-04	G118-0	13	0	0 to 3	27	---	---	---	---
W-MV4-04	G118-0.5	13	0.5	0 to 3	260	10	<0.50	---	---
W-MV4-05	G119-0	13	0	3 to 6	290	10	<0.50	---	---
W-MV4-05	G119-0.5	13	0.5	3 to 6	270	23	<0.50	---	---
W-MV4-06	G120-0	13	0	>9	240	14	<0.50	---	---
W-MV4-06	G120-0.5	13	0.5	>9	18	---	---	---	---
W-CC6-01	G121-0	14	0	>9	69	2.9	---	---	---
W-CC6-01	G121-0.5	14	0.5	>9	55	1.8	---	---	7.8
W-CC6-01	G121-1.5	14	1.5	>9	7.3	---	---	---	---
W-MV6-AME-01	G128-0	15	0	0 to 3	140	8.1	<0.50	---	---
W-MV6-AME-01	G128-0.5	15	0.5	0 to 3	190	9.1	<0.50	---	---
W-MV6-AME-02	G129-0	15	0	3 to 6	380	20	---	<0.50	---
W-MV6-AME-02	G129-0.5	15	0.5	3 to 6	460	26	---	<0.50	---
W-MV6-AME-03	G130-0	15	0	>9	370	17	---	<0.50	---
W-MV6-AME-03	G130-0.5	15	0.5	>9	19	---	---	---	---
W-MV6-AME-04	G131-0	15	0	0 to 3	35	---	---	---	---
W-MV6-AME-04	G131-0.5	15	0.5	0 to 3	57	2.0	---	---	7.7
W-MV6-AME-05	G132-0	15	0	3 to 6	170	28	<0.50	---	---
W-MV6-AME-05	G132-0.5	15	0.5	3 to 6	100	4.9	---	---	---
W-MV6-AME-06	G133-0	15	0	>9	48	---	---	---	7.8
W-MV6-AME-06	G133-0.5	15	0.5	>9	8.5	---	---	---	---
W-CM1-01	G134-0	16	0	6 to 9	64	3.8	---	---	---
W-CM1-01	G134-0.5	16	0.5	6 to 9	65	3.2	---	---	---
W-CM1-01	G134-1.5	16	1.5	6 to 9	84	1.2	---	---	---
W-CM1-01	G134-2.5	16	2.5	6 to 9	<1.0	---	---	---	---
W-CM1-01	G134-3.5	16	3.5	6 to 9	27	---	---	---	---
W-CM1-01	G134-4.5	16	4.5	6 to 9	12	---	---	---	---
W-CM1-01	G134-5.5	16	5.5	6 to 9	10	---	---	---	---
W-CM1-01	G134-6.5	16	6.5	6 to 9	9.5	---	---	---	---
E-MV5-AME-01	G122-0	17	0	0 to 3	1.8	---	---	---	---
E-MV5-AME-01	G122-0.5	17	0.5	0 to 3	38	---	---	---	---

TABLE 3
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SOL-80 Freeway Performance Initiative Project
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Boring ID	Sample ID	Dataset	Sample Depth (ft)	Distance from EOP (ft)	Total Lead (mg/kg)	WET Lead (mg/l)	DI-WET Lead (mg/l)	TCLP Lead (mg/l)	pH
E-MV5-AME-02	G123-0	17	0	3 to 6	31	---	---	---	---
E-MV5-AME-02	G123-0.5	17	0.5	3 to 6	40	---	---	---	---
E-MV5-AME-03	G124-0	17	0	>9	50	1.7	---	---	---
E-MV5-AME-03	G124-0.5	17	0.5	>9	220	6.8	<0.50	---	---
E-MV5-AME-04	G125-0	17	0	0 to 3	2.3	---	---	---	---
E-MV5-AME-04	G125-0.5	17	0.5	0 to 3	21	---	---	---	---
E-MV5-AME-05	G126-0	17	0	3 to 6	29	---	---	---	---
E-MV5-AME-05	G126-0.5	17	0.5	3 to 6	94	4.6	---	---	8.0
E-MV5-AME-06	G127-0	17	0	>9	53	2.1	---	---	---
E-MV5-AME-06	G127-0.5	17	0.5	>9	64	2.5	---	---	---
W-MV7A-01	G135-0	18	0	0 to 3	380	13	---	<0.50	---
W-MV7A-01	G135-0.5	18	0.5	0 to 3	9.4	---	---	---	---
W-MV7A-02	G136-0	18	0	3 to 6	350	17	---	<0.50	---
W-MV7A-02	G136-0.5	18	0.5	3 to 6	25	---	---	---	---
W-MV7A-03	G137-0	18	0	>9	38	---	---	---	---
W-MV7A-03	G137-0.5	18	0.5	>9	2.6	---	---	---	8.0
W-MV7A-04	G138-0	18	0	0 to 3	3.7	---	---	---	---
W-MV7A-04	G138-0.5	18	0.5	0 to 3	170	7.1	<0.50	---	---
W-MV7A-05	G139-0	18	0	3 to 6	680	27	---	<0.50	---
W-MV7A-05	G139-0.5	18	0.5	3 to 6	100	5.1	<0.50	---	---
W-MV7A-06	G140-0	18	0	>9	79	2.8	---	---	---
W-MV7A-06	G140-0.5	18	0.5	>9	33	---	---	---	---
W-CC7-01	G141-0	19	0	>9	52	2.3	---	---	---
W-CC7-01	G141-0.5	19	0.5	>9	12	---	---	---	---
W-CC7-01	G141-1.5	19	1.5	>9	9.2	---	---	---	---
W-CC7-01	G141-2.5	19	2.5	>9	7.9	---	---	---	7.3
W-CC7-01	G141-3.5	19	3.5	>9	5.6	---	---	---	---
W-CC8-01	G142-0	20	0	>9	47	---	---	---	---
W-CC8-01	G142-0.5	20	0.5	>9	4.4	---	---	---	7.1
E-CC9-01	G143-0	21	0	>9	100	5.5	<0.50	---	---
E-CC9-01	G143-0.5	21	0.5	>9	17	---	---	---	---
E-CC9-01	G143-1.5	21	1.5	>9	7.3	---	---	---	---
E-CC9-01	G143-2.5	21	2.5	>9	8.9	---	---	---	---
E-CC9-01	G143-3.5	21	3.5	>9	7.4	---	---	---	---
E-CC9-01	G143-4.5	21	4.5	>9	7.6	---	---	---	---
E-CC9-01	G143-5.5	21	5.5	>9	9.2	---	---	---	---
E-CM2	G144-0	22	0	>9	19	---	---	---	---
E-CM2	G144-0.5	22	0.5	>9	150	15	<0.50	---	---
E-CM2	G144-1.5	22	1.5	>9	160	8.7	<0.50	---	---
E-CM2	G144-2.5	22	2.5	>9	6.4	---	---	---	---
E-CM2	G144-3.5	22	3.5	>9	23	---	---	---	---
E-CM2	G144-4.5	22	4.5	>9	7.0	---	---	---	---
E-CM2	G144-5.5	22	5.5	>9	7.0	---	---	---	7.9
E-CM2	G144-6.5	22	6.5	>9	7.4	---	---	---	---
W-CC10-01	G151-0	23	0	>9	120	4.4	---	---	---
W-CC10-01	G151-0.5	23	0.5	>9	77	3.2	---	---	---
W-CC10-01	G151-1.5	23	1.5	>9	8.3	---	---	---	---
W-CC10-01	G151-2.5	23	2.5	>9	4.6	---	---	---	---
W-CC10-01	G151-3.5	23	3.5	>9	6.3	---	---	---	---
W-CC10-01	G151-4.5	23	4.5	>9	9.3	---	---	---	---
W-MV9-01	G145-0	24	0	0 to 3	15	---	---	---	---
W-MV9-01	G145-0.5	24	0.5	0 to 3	110	11	<0.50	---	---

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SOL-80 Freeway Performance Initiative Project
Solano County, California

Boring ID	Sample ID	Dataset	Sample Depth (ft)	Distance from EOP (ft)	Total Lead (mg/kg)	WET Lead (mg/l)	DI-WET Lead (mg/l)	TCLP Lead (mg/l)	pH
W-MV9-02	G146-0	24	0	3 to 6	210	10	<0.50	---	---
W-MV9-02	G146-0.5	24	0.5	3 to 6	12	---	---	---	---
W-MV9-03	G147-0	24	0	>9	33	---	---	---	---
W-MV9-03	G147-0.5	24	0.5	>9	9.4	---	---	---	---
W-MV9-04	G148-0	24	0	0 to 3	3.0	---	---	---	---
W-MV9-04	G148-0.5	24	0.5	0 to 3	69	10	<0.50	---	8.0
W-MV9-05	G149-0	24	0	3 to 6	70	3.9	---	---	---
W-MV9-05	G149-0.5	24	0.5	3 to 6	280	4.3	---	---	---
W-MV9-06	G150-0	24	0	>9	61	1.7	---	---	---
W-MV9-06	G150-0.5	24	0.5	>9	170	6.8	<0.50	---	---
E-CC11-01	G152-0	25	0	>9	140	6.6	<0.50	---	---
E-CC11-01	G152-0.5	25	0.5	>9	55	1.3	---	---	8.0
E-CC11-01	G152-1.5	25	1.5	>9	30	---	---	---	---
E-CC11-01	G152-2.5	25	2.5	>9	8.5	---	---	---	---
E-CC11-01	G152-3.5	25	3.5	>9	7.7	---	---	---	---
E-CC11-01	G152-4.5	25	4.5	>9	6.0	---	---	---	---
E-CC11-01	G152-5.5	25	5.5	>9	4.6	---	---	---	---
E-CC11-01	G152-6.5	25	6.5	>9	5.1	---	---	---	---
E-MV11-01	G153-0	26	0	0 to 3	22	---	---	---	---
E-MV11-01	G153-0.5	26	0.5	0 to 3	86	2.8	---	---	---
E-MV11-02	G154-0	26	0	3 to 6	40	---	---	---	---
E-MV11-02	G154-0.5	26	0.5	3 to 6	90	2.5	---	---	---
E-MV11-03	G155-0	26	0	>9	98	3.3	---	---	---
E-MV11-03	G155-0.5	26	0.5	>9	50	1.2	---	---	---
E-MV11-04	G156-0	26	0	0 to 3	75	3.3	---	---	---
E-MV11-04	G156-0.5	26	0.5	0 to 3	26	---	---	---	8.7
E-MV11-05	G157-0	26	0	3 to 6	64	4.3	---	---	---
E-MV11-05	G157-0.5	26	0.5	3 to 6	12	---	---	---	---
E-MV11-06	G158-0	26	0	>9	52	1.3	---	---	---
E-MV11-06	G158-0.5	26	0.5	>9	7.1	---	---	---	---
E-CM3	G159-0	27	0	6 to 9	84	4.3	---	---	---
E-CM3	G159-0.5	27	0.5	6 to 9	380	25	---	<0.50	---
E-CM3	G159-1.5	27	1.5	6 to 9	10	---	---	---	---
E-CM3	G159-2.5	27	2.5	6 to 9	9.6	---	---	---	8.1
E-CM3	G159-3.5	27	3.5	6 to 9	5.9	---	---	---	---
E-CM3	G159-4.5	27	4.5	6 to 9	7.5	---	---	---	---
E-CM3	G159-5.5	27	5.5	6 to 9	7.2	---	---	---	---
E-CM3	G159-6.5	27	6.5	6 to 9	16	---	---	---	---
E-CM3	G159-11.5	27	11.5	6 to 9	6.8	---	---	---	---
W-CC12-01	G166-0	28	0	>9	32	---	---	---	---
W-CC12-01	G166-0.5	28	0.5	>9	15	---	---	---	---
W-CC12-01	G166-1.5	28	1.5	>9	8.2	---	---	---	---
W-CC12-01	G166-2.5	28	2.5	>9	8.5	---	---	---	7.3
W-CC12-01	G166-3.5	28	3.5	>9	6.8	---	---	---	---
W-CC12-01	G166-4.5	28	4.5	>9	6.5	---	---	---	---
W-CC12-01	G166-5.5	28	5.5	>9	5.2	---	---	---	---
W-CC12-01	G166-6.5	28	6.5	>9	7.5	---	---	---	---
W-MV12-01	G160-0	29	0	0 to 3	11	---	---	---	---
W-MV12-01	G160-0.5	29	0.5	0 to 3	33	---	---	---	---
W-MV12-02	G161-0	29	0	3 to 6	13	---	---	---	---
W-MV12-02	G161-0.5	29	0.5	3 to 6	7.4	---	---	---	---
W-MV12-03	G162-0	29	0	>9	4.2	---	---	---	---
W-MV12-03	G162-0.5	29	0.5	>9	4.4	---	---	---	---

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Boring ID	Sample ID	Dataset	Sample Depth (ft)	Distance from EOP (ft)	Total Lead (mg/kg)	WET Lead (mg/l)	DI-WET Lead (mg/l)	TCLP Lead (mg/l)	pH
W-MV12-04	G163-0	29	0	0 to 3	5.9	---	---	---	---
W-MV12-04	G163-0.5	29	0.5	0 to 3	18	---	---	---	---
W-MV12-05	G164-0	29	0	3 to 6	11	---	---	---	---
W-MV12-05	G164-0.5	29	0.5	3 to 6	17	---	---	---	7.0
W-MV12-06	G165-0	29	0	>9	11	---	---	---	---
W-MV12-06	G165-0.5	29	0.5	>9	30	---	---	---	---
E-MV13-01	G167-0	30	0	0 to 3	21	---	---	---	---
E-MV13-01	G167-0.5	30	0.5	0 to 3	18	---	---	---	---
E-MV13-02	G168-0	30	0	3 to 6	26	---	---	---	---
E-MV13-02	G168-0.5	30	0.5	3 to 6	25	---	---	---	---
E-MV13-03	G169-0	30	0	>9	25	---	---	---	---
E-MV13-03	G169-0.5	30	0.5	>9	6.0	---	---	---	8.2
E-MV13-04	G170-0	30	0	0 to 3	48	---	---	---	---
E-MV13-04	G170-0.5	30	0.5	0 to 3	38	---	---	---	---
E-MV13-05	G171-0	30	0	3 to 6	17	---	---	---	---
E-MV13-05	G171-0.5	30	0.5	3 to 6	15	---	---	---	---
E-MV13-06	G172-0	30	0	>9	140	3.5	---	---	---
E-MV13-06	G172-0.5	30	0.5	>9	60	1.1	---	---	---
E-CC13-01	G173-0	31	0	>9	16	---	---	---	---
E-CC13-01	G173-0.5	31	0.5	>9	11	---	---	---	---
E-CC13-01	G173-1.5	31	1.5	>9	11	---	---	---	---
E-CC13-01	G173-2.5	31	2.5	>9	5.1	---	---	---	---
E-CC13-01	G173-3.5	31	3.5	>9	6.0	---	---	---	7.5
E-CC14-01	G180-0	32	0	>9	8.6	---	---	---	---
E-CC14-01	G180-0.5	32	0.5	>9	5.0	---	---	---	---
E-CC14-01	G180-1.5	32	1.5	>9	5.4	---	---	---	---
E-CC14-01	G180-2.5	32	2.5	>9	5.7	---	---	---	---
E-MV14-01	G174-0	33	0	0 to 3	36	---	---	---	---
E-MV14-01	G174-0.5	33	0.5	0 to 3	15	---	---	---	---
E-MV14-02	G175-0	33	0	3 to 6	30	---	---	---	---
E-MV14-02	G175-0.5	33	0.5	3 to 6	13	---	---	---	7.9
E-MV14-03	G176-0	33	0	>9	18	---	---	---	---
E-MV14-03	G176-0.5	33	0.5	>9	8.3	---	---	---	---
E-MV14-04	G177-0	33	0	0 to 3	8.6	---	---	---	---
E-MV14-04	G177-0.5	33	0.5	0 to 3	21	---	---	---	---
E-MV14-05	G178-0	33	0	3 to 6	71	3.2	---	---	---
E-MV14-05	G178-0.5	33	0.5	3 to 6	22	---	---	---	---
E-MV14-06	G179-0	33	0	>9	79	2.4	---	---	---
E-MV14-06	G179-0.5	33	0.5	>9	24	---	---	---	---
E-MV15-01	G181-0	34	0	0 to 3	9.3	---	---	---	---
E-MV15-01	G181-0.5	34	0.5	0 to 3	11	---	---	---	---
E-MV15-02	G182-0	34	0	3 to 6	190	9.8	<0.50	---	7.8
E-MV15-02	G182-0.5	34	0.5	3 to 6	4.4	---	---	---	---
E-MV15-03	G183-0	34	0	>9	250	11	<0.50	---	---
E-MV15-03	G183-0.5	34	0.5	>9	60	1.7	---	---	---

TABLE 3
Summary of Lead and pH Results
SOL-80 Freeway Performance Initiative Project
Solano County, California

Boring ID	Sample ID	Dataset	Sample Depth (ft)	Distance from EOP (ft)	Total Lead (mg/kg)	WET Lead (mg/l)	DI-WET Lead (mg/l)	TCLP Lead (mg/l)	pH
E-MV15-04	G184-0	34	0	0 to 3	7.9	---	---	---	---
E-MV15-04	G184-0.5	34	0.5	0 to 3	16	---	---	---	---
E-MV15-05	G185-0	34	0	3 to 6	590	31	---	0.96	---
E-MV15-05	G185-0.5	34	0.5	3 to 6	7.9	---	---	---	---
E-MV15-06	G186-0	34	0	>9	110	10	<0.50	---	---
E-MV15-06	G186-0.5	34	0.5	>9	17	---	---	---	---
E-CC15-01	G187-0	35	0	>9	46	---	---	---	---
E-CC15-01	G187-0.5	35	0.5	>9	35	---	---	---	---
E-CC15-01	G187-1.5	35	1.5	>9	25	---	---	---	---
E-CC15-01	G187-2.5	35	2.5	>9	27	---	---	---	---
E-CC15-01	G187-3.5	35	3.5	>9	19	---	---	---	---
W-CC16-01	G188-0	36	0	>9	53	2.2	---	---	---
W-CC16-01	G188-0.5	36	0.5	>9	15	---	---	---	---
W-CC16-01	G188-1.5	36	1.5	>9	14	---	---	---	---
W-CC16-01	G188-2.5	36	2.5	>9	15	---	---	---	---
W-CC16-01	G188-3.5	36	3.5	>9	8.6	---	---	---	---
W-CC16-01	G188-4.5	36	4.5	>9	6.5	---	---	---	---
W-CC16-01	G188-5.5	36	5.5	>9	5.4	---	---	---	7.7
W-CC16-01	G188-6.5	36	6.5	>9	6.4	---	---	---	7.6
E-CC17-01	G195-0	37	0	>9	110	6.6	<0.50	---	---
E-CC17-01	G195-0.5	37	0.5	>9	71	2.4	---	---	---
E-CC17-01	G195-1.5	37	1.5	>9	18	---	---	---	---
E-CC17-01	G195-2.5	37	2.5	>9	9.4	---	---	---	---
E-CC17-01	G195-3.5	37	3.5	>9	7.4	---	---	---	---
E-CC17-01	G195-4.5	37	4.5	>9	8.3	---	---	---	---
E-CC17-01	G195-5.5	37	5.5	>9	11	---	---	---	8.2
E-MV16-01	G189-0	38	0	0 to 3	44	---	---	---	---
E-MV16-01	G189-0.5	38	0.5	0 to 3	1,500	130	---	4.4	---
E-MV16-02	G190-0	38	0	3 to 6	63	3.4	---	---	7.7
E-MV16-02	G190-0.5	38	0.5	3 to 6	4.2	---	---	---	---
E-MV16-03	G191-0	38	0	>9	190	16	<0.50	---	---
E-MV16-03	G191-0.5	38	0.5	>9	85	3.0	---	---	---
E-MV16-04	G192-0	38	0	0 to 3	13	---	---	---	---
E-MV16-04	G192-0.5	38	0.5	0 to 3	44	---	---	---	8.3
E-MV16-05	G193-0	38	0	3 to 6	32	---	---	---	---
E-MV16-05	G193-0.5	38	0.5	3 to 6	34	---	---	---	---
E-MV16-06	G194-0	38	0	>9	1,100	49	---	1.2	---
E-MV16-06	G194-0.5	38	0.5	>9	110	2.0	---	---	---
E-MV17-01	G196-0	39	0	0 to 3	11	---	---	---	---
E-MV17-01	G196-0.5	39	0.5	0 to 3	190	3.7	---	---	---
E-MV17-02	G197-0	39	0	3 to 6	170	4.9	---	---	---
E-MV17-02	G197-0.5	39	0.5	3 to 6	64	2.0	---	---	---
E-MV17-03	G198-0	39	0	>9	65	2.8	---	---	7.8
E-MV17-03	G198-0.5	39	0.5	>9	63	3.5	---	---	---
E-MV17-04	G199-0	39	0	0 to 3	72	1.8	---	---	---
E-MV17-04	G199-0.5	39	0.5	0 to 3	220	4.8	---	---	---
E-MV17-05	G200-0	39	0	3 to 6	41	---	---	---	---
E-MV17-05	G200-0.5	39	0.5	3 to 6	36	---	---	---	---

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SOL-80 Freeway Performance Initiative Project
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Boring ID	Sample ID	Dataset	Sample Depth (ft)	Distance from EOP (ft)	Total Lead (mg/kg)	WET Lead (mg/l)	DI-WET Lead (mg/l)	TCLP Lead (mg/l)	pH
E-MV17-06	G201-0	39	0	>9	48	---	---	---	---
E-MV17-06	G201-0.5	39	0.5	>9	49	---	---	---	---
E-CC18-01	G202-0	40	0	>9	18	---	---	---	---
E-CC18-01	G202-0.5	40	0.5	>9	14	---	---	---	---
E-CC18-01	G202-1.5	40	1.5	>9	16	---	---	---	---
E-CC18-01	G202-2.5	40	2.5	>9	23	---	---	---	---
E-CC18-01	G202-3.5	40	3.5	>9	9.6	---	---	---	---
E-CC18-01	G202-4.5	40	4.5	>9	10	---	---	---	7.4
E-CC18-01	G202-5.5	40	5.5	>9	8.7	---	---	---	---
E-CC18-01	G202-6.5	40	6.5	>9	5.0	---	---	---	---
E-CC19-01	G203-0	41	0	>9	240	12	<0.50	---	---
E-CC19-01	G203-0.5	41	0.5	>9	55	0.53	---	---	---
E-CC19-01	G203-1.5	41	1.5	>9	15	---	---	---	---
E-CC19-01	G203-2.5	41	2.5	>9	19	---	---	---	---
E-CC19-01	G203-3.5	41	3.5	>9	11	---	---	---	---
E-CC19-01	G203-4.5	41	4.5	>9	7.8	---	---	---	---
E-CC19-01	G203-5.5	41	5.5	>9	8.8	---	---	---	---
E-CC19-01	G203-6.5	41	6.5	>9	9.3	---	---	---	---
E-CC20-TEX-01	G210-0	42	0	>9	7.8	---	---	---	---
E-CC20-TEX-01	G210-0.5	42	0.5	>9	30	---	---	---	---
E-CC20-TEX-01	G210-1.5	42	1.5	>9	19	---	---	---	---
E-CC20-TEX-01	G210-2.5	42	2.5	>9	16	---	---	---	---
W-MV19A-TEX-01	G204-0	43	0	0 to 3	6.3	---	---	---	---
W-MV19A-TEX-01	G204-0.5	43	0.5	0 to 3	40	---	---	---	---
W-MV19A-TEX-02	G205-0	43	0	3 to 6	210	7.7	<0.50	---	---
W-MV19A-TEX-02	G205-0.5	43	0.5	3 to 6	110	1.6	---	---	---
W-MV19A-TEX-03	G206-0	43	0	>9	87	2.2	---	---	---
W-MV19A-TEX-03	G206-0.5	43	0.5	>9	20	---	---	---	---
W-MV19A-TEX-04	G207-0	43	0	0 to 3	81	6.0	<0.50	---	---
W-MV19A-TEX-04	G207-0.5	43	0.5	0 to 3	52	1.7	---	---	---
W-MV19A-TEX-05	G208-0	43	0	3 to 6	180	11	<0.50	---	6.9
W-MV19A-TEX-05	G208-0.5	43	0.5	3 to 6	21	---	---	---	---
W-MV19A-TEX-06	G209-0	43	0	>9	130	3.8	---	---	---
W-MV19A-TEX-06	G209-0.5	43	0.5	>9	30	---	---	---	---
W-CC21-01	G217-0	44	0	>9	110	4.1	---	---	---
W-CC21-01	G217-0.5	44	0.5	>9	19	---	---	---	7.7
W-CC21-01	G217-1.5	44	1.5	>9	11	---	---	---	---
W-CC21-01	G217-2	44	2	>9	71	3.4	---	---	---
W-MV20-01	G211-0	45	0	0 to 3	74	7.4	<0.50	---	---
W-MV20-01	G211-0.5	45	0.5	0 to 3	67	4.1	---	---	---
W-MV20-02	G212-0	45	0	3 to 6	130	13	<0.50	---	---
W-MV20-02	G212-0.5	45	0.5	3 to 6	120	7.0	<0.50	---	---
W-MV20-03	G213-0	45	0	>9	200	11	<0.50	---	---
W-MV20-03	G213-0.5	45	0.5	>9	240	16	<0.50	---	---
W-MV20-04	G214-0	45	0	0 to 3	260	14	<0.50	---	---
W-MV20-04	G214-0.5	45	0.5	0 to 3	240	20	<0.50	---	---
W-MV20-05	G215-0	45	0	3 to 6	200	18	<0.50	---	7.2
W-MV20-05	G215-0.5	45	0.5	3 to 6	120	4.2	---	---	---

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Boring ID	Sample ID	Dataset	Sample Depth (ft)	Distance from EOP (ft)	Total Lead (mg/kg)	WET Lead (mg/l)	DI-WET Lead (mg/l)	TCLP Lead (mg/l)	pH
W-MV20-06	G216-0	45	0	>9	150	9.0	<0.50	---	---
W-MV20-06	G216-0.5	45	0.5	>9	130	6.2	<0.50	---	---
W-MV21-01	G224-0	46	0	0 to 3	97	4.1	---	---	6.5
W-MV21-01	G224-0.5	46	0.5	0 to 3	8.3	---	---	---	---
W-MV21-02	G225-0	46	0	3 to 6	79	2.9	---	---	---
W-MV21-02	G225-0.5	46	0.5	3 to 6	38	---	---	---	---
W-MV21-03	G226-0	46	0	>9	890	49	---	0.92	---
W-MV21-03	G226-0.5	46	0.5	>9	590	17	---	<0.50	---
W-MV21-04	G227-0	46	0	0 to 3	47	---	---	---	---
W-MV21-04	G227-0.5	46	0.5	0 to 3	11	---	---	---	---
W-MV21-05	G228-0	46	0	3 to 6	36	---	---	---	---
W-MV21-05	G228-0.5	46	0.5	3 to 6	9.4	---	---	---	---
W-MV21-06	G229-0	46	0	>9	180	8.1	<0.50	---	6.2
W-MV21-06	G229-0.5	46	0.5	>9	68	2.8	---	---	---
E-CC22-01	G230-0	47	0	>9	50	2.3	---	---	---
E-CC22-01	G230-0.5	47	0.5	>9	17	---	---	---	---
E-CC22-01	G230-1.5	47	1.5	>9	6.3	---	---	---	---
E-CC22-01	G230-2.5	47	2.5	>9	7.5	---	---	---	7.5
E-MV21-01	G218-0	48	0	0 to 3	8.1	---	---	---	---
E-MV21-01	G218-0.5	48	0.5	0 to 3	2.7	---	---	---	---
E-MV21-02	G219-0	48	0	3 to 6	43	---	---	---	---
E-MV21-02	G219-0.5	48	0.5	3 to 6	31	---	---	---	---
E-MV21-03	G220-0	48	0	>9	89	1.4	---	---	---
E-MV21-03	G220-0.5	48	0.5	>9	36	---	---	---	---
E-MV21-04	G221-0	48	0	0 to 3	11	---	---	---	---
E-MV21-04	G221-0.5	48	0.5	0 to 3	48	---	---	---	---
E-MV21-05	G222-0	48	0	3 to 6	10	---	---	---	---
E-MV21-05	G222-0.5	48	0.5	3 to 6	25	---	---	---	6.8
E-MV21-06	G223-0	48	0	>9	40	---	---	---	---
E-MV21-06	G223-0.5	48	0.5	>9	21	---	---	---	---
W-MV24-01	G243-0	49	0	0 to 3	6.6	---	---	---	---
W-MV24-01	G243-0.5	49	0.5	0 to 3	40	---	---	---	---
W-MV24-02	G244-0	49	0	3 to 6	36	---	---	---	7.1
W-MV24-02	G244-0.5	49	0.5	3 to 6	52	1.3	---	---	---
W-MV24-03	G245-0	49	0	>9	28	---	---	---	---
W-MV24-03	G245-0.5	49	0.5	>9	56	1.3	---	---	---
W-MV24-04	G246-0	49	0	0 to 3	9.7	---	---	---	---
W-MV24-04	G246-0.5	49	0.5	0 to 3	41	---	---	---	---
W-MV24-05	G247-0	49	0	3 to 6	63	2.9	---	---	---
W-MV24-05	G247-0.5	49	0.5	3 to 6	120	4.8	---	---	---
W-MV24-06	G248-0	49	0	>9	30	---	---	---	---
W-MV24-06	G248-0.5	49	0.5	>9	110	2.7	---	---	---

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W-CC23-01	G249-0	50	0	>9	100	4.2	---	---	---
W-CC23-01	G249-0.5	50	0.5	>9	17	---	---	---	---
W-CC23-01	G249-1.5	50	1.5	>9	14	---	---	---	---
W-CC23-01	G249-2.5	50	2.5	>9	15	---	---	---	---
W-CC23-01	G249-3.5	50	3.5	>9	9.8	---	---	---	7.6
W-CC23-01	G249-4.5	50	4.5	>9	8.8	---	---	---	---
W-CC23-01	G249-5.5	50	5.5	>9	9.8	---	---	---	---
W-CC23-01	G249-6.5	50	6.5	>9	8.8	---	---	---	---
W-MV23-01	G237-0	51	0	0 to 3	7.4	---	---	---	---
W-MV23-01	G237-0.5	51	0.5	0 to 3	31	---	---	---	---
W-MV23-02	G238-0	51	0	3 to 6	410	19	---	<0.50	---
W-MV23-02	G238-0.5	51	0.5	3 to 6	38	---	---	---	---
W-MV23-03	G239-0	51	0	>9	210	10	<0.50	---	7.0
W-MV23-03	G239-0.5	51	0.5	>9	140	6.4	<0.50	---	---
W-MV23-04	G240-0	51	0	0 to 3	6.2	---	---	---	---
W-MV23-04	G240-0.5	51	0.5	0 to 3	7.8	---	---	---	---
W-MV23-05	G241-0	51	0	3 to 6	79	3.2	---	---	---
W-MV23-05	G241-0.5	51	0.5	3 to 6	210	6.5	<0.50	---	---
W-MV23-06	G242-0	51	0	>9	190	11	<0.50	---	---
W-MV23-06	G242-0.5	51	0.5	>9	150	6.3	<0.50	---	---
E-MV22-01	G231-0	52	0	0 to 3	5.4	---	---	---	---
E-MV22-01	G231-0.5	52	0.5	0 to 3	10	---	---	---	8.4
E-MV22-02	G232-0	52	0	3 to 6	140	9.8	<0.50	---	---
E-MV22-02	G232-0.5	52	0.5	3 to 6	310	16	---	<0.50	---
E-MV22-03	G233-0	52	0	>9	370	16	---	<0.50	---
E-MV22-03	G233-0.5	52	0.5	>9	9.7	---	---	---	---
E-MV22-04	G234-0	52	0	0 to 3	8.6	---	---	---	---
E-MV22-04	G234-0.5	52	0.5	0 to 3	21	---	---	---	---
E-MV22-05	G235-0	52	0	3 to 6	93	4.0	---	---	---
E-MV22-05	G235-0.5	52	0.5	3 to 6	29	---	---	---	---
E-MV22-06	G236-0	52	0	>9	260	7.2	<0.50	---	---
E-MV22-06	G236-0.5	52	0.5	>9	48	---	---	---	8.0
W-CC24-01	G256-0	53	0	>9	34	---	---	---	---
W-CC24-01	G256-0.5	53	0.5	>9	15	---	---	---	---
W-CC24-01	G256-1.5	53	1.5	>9	11	---	---	---	---
W-CC24-01	G256-2.5	53	2.5	>9	15	---	---	---	---
W-CC24-01	G256-3.5	53	3.5	>9	13	---	---	---	---
W-MV25-01	G250-0	54	0	0 to 3	8.1	---	---	---	---
W-MV25-01	G250-0.5	54	0.5	0 to 3	7.6	---	---	---	---
W-MV25-02	G251-0	54	0	3 to 6	460	21	---	0.53	---
W-MV25-02	G251-0.5	54	0.5	3 to 6	250	7.2	<0.50	---	---
W-MV25-03	G252-0	54	0	>9	260	10	<0.50	---	---
W-MV25-03	G252-0.5	54	0.5	>9	40	---	---	---	---
W-MV25-04	G253-0	54	0	0 to 3	6.7	---	---	---	7.2
W-MV25-04	G253-0.5	54	0.5	0 to 3	10	---	---	---	---

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W-MV25-05	G254-0	54	0	3 to 6	990	6.3	---	<0.50	---
W-MV25-05	G254-0.5	54	0.5	3 to 6	40	---	---	---	---
W-MV25-06	G255-0	54	0	>9	180	8.3	<0.50	---	---
W-MV25-06	G255-0.5	54	0.5	>9	20	---	---	---	---
W-ALAM-A1	G264-0	55	0	0 to 3	330	9.7	---	<0.50	---
W-ALAM-A1	G264-0.5	55	0.5	0 to 3	130	6.2	<0.50	---	---
W-ALAM-A1	G264-1.5	55	1.5	0 to 3	4.2	---	---	---	---
W-ALAM-A1	G264-2.5	55	2.5	0 to 3	15	---	---	---	---
W-ALAM-B1	G266-0	55	0	0 to 3	280	15	<0.50	---	---
W-ALAM-B1	G266-0.5	55	0.5	0 to 3	76	4.0	---	---	---
W-ALAM-B1	G266-1.5	55	1.5	0 to 3	190	6.1	<0.50	---	---
W-ALAM-B1	G266-2.5	55	2.5	0 to 3	9.2	---	---	---	---
W-ALAM-B2	G267-0	55	0	3 to 6	340	20	---	<0.50	---
W-ALAM-B2	G267-0.5	55	0.5	3 to 6	96	1.5	---	---	7.6
W-ALAM-B2	G267-1.5	55	1.5	3 to 6	45	---	---	---	---
W-ALAM-B2	G267-2.5	55	2.5	3 to 6	21	---	---	---	---
W-ALAM-B3	G268-0	55	0	>9	510	17	---	<0.50	---
W-ALAM-B3	G268-0.5	55	0.5	>9	28	---	---	---	---
W-ALAM-B3	G268-1.5	55	1.5	>9	41	---	---	---	---
W-ALAM-B3	G268-2.5	55	2.5	>9	24	---	---	---	---
W-ALAM-C1	G257-0	55	0	0 to 3	470	23	---	<0.50	---
W-ALAM-C1	G257-0.5	55	0.5	0 to 3	28	---	---	---	---
W-ALAM-C1	G257-1.5	55	1.5	0 to 3	140	3.0	---	---	---
W-ALAM-C1	G257-2.5	55	2.5	0 to 3	15	---	---	---	7.9
W-ALAM-C2	G269-0	55	0	3 to 6	350	17	---	<0.50	---
W-ALAM-C2	G269-0.5	55	0.5	3 to 6	56	1.1	---	---	---
W-ALAM-C2	G269-1.5	55	1.5	3 to 6	65	0.92	---	---	---
W-ALAM-C2	G269-2.5	55	2.5	3 to 6	23	---	---	---	---
W-ALAM-C3	G270-0	55	0	>9	240	15	<0.50	---	---
W-ALAM-C3	G270-0.5	55	0.5	>9	59	0.76	---	---	---
W-ALAM-C3	G270-1.5	55	1.5	>9	25	---	---	---	---
W-ALAM-C3	G270-2.5	55	2.5	>9	15	---	---	---	---
W-ALAM-D1	G271-0	55	0	0 to 3	250	13	<0.50	---	---
W-ALAM-D1	G271-0.5	55	0.5	0 to 3	44	---	---	---	6.4
W-ALAM-D1	G271-1.5	55	1.5	0 to 3	45	---	---	---	---
W-ALAM-D1	G271-2.5	55	2.5	0 to 3	44	---	---	---	---
W-ALAM-D2	G272-0	55	0	3 to 6	290	13	<0.50	---	---
W-ALAM-D2	G272-0.5	55	0.5	3 to 6	48	---	---	---	---
W-ALAM-D2	G272-1.5	55	1.5	3 to 6	57	2.1	---	---	---
W-ALAM-D2	G272-2.5	55	2.5	3 to 6	49	---	---	---	---
W-ALAM-D3	G273-0	55	0	>9	330	15	---	<0.50	---
W-ALAM-D3	G273-0.5	55	0.5	>9	50	0.76	---	---	---
W-ALAM-D3	G273-1.5	55	1.5	>9	23	---	---	---	---
W-ALAM-D3	G273-2.5	55	2.5	>9	12	---	---	---	6.1
W-ALAM-E1	G274-0	55	0	0 to 3	200	12	<0.50	---	---
W-ALAM-E1	G274-0.5	55	0.5	0 to 3	280	10	<0.50	---	---
W-ALAM-E1	G274-1.5	55	1.5	0 to 3	49	---	---	---	---
W-ALAM-E1	G274-2.5	55	2.5	0 to 3	32	---	---	---	---

TABLE 3
Summary of Lead and pH Results
SOL-80 Freeway Performance Initiative Project
Solano County, California

Boring ID	Sample ID	Dataset	Sample Depth (ft)	Distance from EOP (ft)	Total Lead (mg/kg)	WET Lead (mg/l)	DI-WET Lead (mg/l)	TCLP Lead (mg/l)	pH
W-ALAM-E2	G275-0	55	0	3 to 6	420	16	---	<0.50	---
W-ALAM-E2	G275-0.5	55	0.5	3 to 6	52	1.2	---	---	---
W-ALAM-E2	G275-1.5	55	1.5	3 to 6	25	---	---	---	---
W-ALAM-E2	G275-2.5	55	2.5	3 to 6	18	---	---	---	---
W-ALAM-E3	G276-0	55	0	>9	230	10	<0.50	---	---
W-ALAM-E3	G276-0.5	55	0.5	>9	31	---	---	---	6.9
W-ALAM-E3	G276-1.5	55	1.5	>9	15	---	---	---	---
W-ALAM-E3	G276-2.5	55	2.5	>9	11	---	---	---	---
W-ALAM-F1	G277-0	55	0	0 to 3	100	5.4	<0.50	---	---
W-ALAM-F1	G277-0.5	55	0.5	0 to 3	88	2.1	---	---	---
W-ALAM-F1	G277-1.5	55	1.5	0 to 3	7.3	---	---	---	---
W-ALAM-F1	G277-2.5	55	2.5	0 to 3	15	---	---	---	---
W-ALAM-F2	G278-0	55	0	3 to 6	160	230	<0.50	---	---
W-ALAM-F2	G278-0.5	55	0.5	3 to 6	23	---	---	---	---
W-ALAM-F2	G278-1.5	55	1.5	3 to 6	98	4.0	---	---	---
W-ALAM-F2	G278-2.5	55	2.5	3 to 6	16	---	---	---	7.1
W-ALAM-F3	G279-0	55	0	>9	260	16	<0.50	---	---
W-ALAM-F3	G279-0.5	55	0.5	>9	62	1.9	---	---	---
W-ALAM-F3	G279-1.5	55	1.5	>9	26	---	---	---	---
W-ALAM-F3	G279-2.5	55	2.5	>9	17	---	---	---	---
W-ALAM-G1	G280-0	55	0	0 to 3	93	5.5	<0.50	---	---
W-ALAM-G1	G280-0.5	55	0.5	0 to 3	92	2.1	---	---	---
W-ALAM-G1	G280-1.5	55	1.5	0 to 3	9.9	---	---	---	---
W-ALAM-G1	G280-2.5	55	2.5	0 to 3	12	---	---	---	---
W-ALAM-G2	G281-0	55	0	3 to 6	100	13	<0.50	---	---
W-ALAM-G2	G281-0.5	55	0.5	3 to 6	100	2.2	---	---	7.6
W-ALAM-G2	G281-1.5	55	1.5	3 to 6	68	1.5	---	---	---
W-ALAM-G2	G281-2.5	55	2.5	3 to 6	23	---	---	---	---
W-ALAM-G3	G282-0	55	0	>9	190	10	<0.50	---	---
W-ALAM-G3	G282-0.5	55	0.5	>9	85	1.6	---	---	---
W-ALAM-G3	G282-1.5	55	1.5	>9	29	---	---	---	---
W-ALAM-G3	G282-2.5	55	2.5	>9	15	---	---	---	---
W-ALAM-H1	G283-0	55	0	0 to 3	110	3.2	---	---	---
W-ALAM-H1	G283-0.5	55	0.5	0 to 3	26	---	---	---	---
W-ALAM-H1	G283-1.5	55	1.5	0 to 3	8.4	---	---	---	---
W-ALAM-H1	G283-2.5	55	2.5	0 to 3	12	---	---	---	7.5
W-ALAM-H2	G284-0	55	0	3 to 6	140	6.9	<0.50	---	---
W-ALAM-H2	G284-0.5	55	0.5	3 to 6	75	0.64	---	---	---
W-ALAM-H2	G284-1.5	55	1.5	3 to 6	27	---	---	---	---
W-ALAM-H2	G284-2.5	55	2.5	3 to 6	21	---	---	---	---
W-ALAM-H3	G285-0	55	0	>9	320	20	---	<0.50	---
W-ALAM-H3	G285-0.5	55	0.5	>9	58	1.7	---	---	---
W-ALAM-H3	G285-1.5	55	1.5	>9	19	---	---	---	---
W-ALAM-H3	G285-2.5	55	2.5	>9	17	---	---	---	---
W-ALAM-I1	G286-0	55	0	0 to 3	290	15	<0.50	---	---
W-ALAM-I1	G286-0.5	55	0.5	0 to 3	280	13	<0.50	---	8.2
W-ALAM-I1	G286-1.5	55	1.5	0 to 3	11	---	---	---	---
W-ALAM-I1	G286-2.5	55	2.5	0 to 3	18	---	---	---	---
W-ALAM-I2	G287-0	55	0	3 to 6	180	14	<0.50	---	---
W-ALAM-I2	G287-0.5	55	0.5	3 to 6	110	4.9	---	---	---
W-ALAM-I2	G287-1.5	55	1.5	3 to 6	39	---	---	---	---
W-ALAM-I2	G287-2.5	55	2.5	3 to 6	26	---	---	---	---

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Summary of Lead and pH Results
SOL-80 Freeway Performance Initiative Project
Solano County, California

Boring ID	Sample ID	Dataset	Sample Depth (ft)	Distance from EOP (ft)	Total Lead (mg/kg)	WET Lead (mg/l)	DI-WET Lead (mg/l)	TCLP Lead (mg/l)	pH
W-ALAM-J1	G289-0	55	0	0 to 3	6.5	---	---	---	---
W-ALAM-J1	G289-0.5	55	0.5	0 to 3	15	---	---	---	---
W-ALAM-J1	G289-1.5	55	1.5	0 to 3	15	---	---	---	---
W-ALAM-J1	G289-2.5	55	2.5	0 to 3	9.2	---	---	---	7.3
W-ALAM-J2	G290-0	55	0	3 to 6	670	27	---	<0.50	---
W-ALAM-J2	G290-0.5	55	0.5	3 to 6	60	1.1	---	---	---
W-ALAM-J2	G290-1.5	55	1.5	3 to 6	100	1.4	---	---	---
W-ALAM-J2	G290-2.5	55	2.5	3 to 6	22	---	---	---	---
W-ALAM-K1	G292-0	55	0	0 to 3	8.5	---	---	---	---
W-ALAM-K1	G292-0.5	55	0.5	0 to 3	24	---	---	---	---
W-ALAM-K1	G292-1.5	55	1.5	0 to 3	16	---	---	---	---
W-ALAM-K1	G292-2.5	55	2.5	0 to 3	12	---	---	---	---
W-ALAM-K2	G293-0	55	0	3 to 6	350	27	---	<0.50	---
W-ALAM-K2	G293-0.5	55	0.5	3 to 6	18	---	---	---	7.0
W-ALAM-K2	G293-1.5	55	1.5	3 to 6	10	---	---	---	---
W-ALAM-K2	G293-2.5	55	2.5	3 to 6	12	---	---	---	---
W-ALAM-K3	G294-0	55	0	6 to 9	140	4.5	---	---	---
W-ALAM-K3	G294-0.5	55	0.5	6 to 9	9.2	---	---	---	---
W-ALAM-K3	G294-1.5	55	1.5	6 to 9	9.7	---	---	---	---
W-ALAM-K3	G294-2.5	55	2.5	6 to 9	8.9	---	---	---	---
W-ALAM-L1	G295-0	55	0	0 to 3	8.5	---	---	---	---
W-ALAM-L1	G295-0.5	55	0.5	0 to 3	17	---	---	---	---
W-ALAM-L1	G295-1.5	55	1.5	0 to 3	8.9	---	---	---	---
W-ALAM-L1	G295-2.5	55	2.5	0 to 3	7.6	---	---	---	7.1
W-ALAM-L2	G296-0	55	0	3 to 6	230	7.2	<0.50	---	---
W-ALAM-L2	G296-0.5	55	0.5	3 to 6	100	0.66	---	---	---
W-ALAM-L2	G296-1.5	55	1.5	3 to 6	10	---	---	---	---
W-ALAM-L2	G296-2.5	55	2.5	3 to 6	17	---	---	---	---
W-ALAM-L3	G297-0	55	0	6 to 9	380	26	---	<0.50	---
W-ALAM-L3	G297-0.5	55	0.5	6 to 9	37	---	---	---	---
W-ALAM-L3	G297-1.5	55	1.5	6 to 9	13	---	---	---	---
W-ALAM-L3	G297-2.5	55	2.5	6 to 9	22	---	---	---	---
W-ALAM-L4	G298-0	55	0	>9	130	4.0	---	---	---
W-ALAM-L4	G298-0.5	55	0.5	>9	13	---	---	---	6.8
W-ALAM-L4	G298-1.5	55	1.5	>9	8.5	---	---	---	---
W-ALAM-L4	G298-2.5	55	2.5	>9	9.7	---	---	---	---
W-ALAM-M1	G299-0	55	0	0 to 3	33	---	---	---	---
W-ALAM-M1	G299-0.5	55	0.5	0 to 3	11	---	---	---	---
W-ALAM-M1	G299-1.5	55	1.5	0 to 3	8.8	---	---	---	---
W-ALAM-M1	G299-2.5	55	2.5	0 to 3	8.5	---	---	---	---
W-ALAM-M2	G300-0	55	0	3 to 6	690	440	---	0.61	---
W-ALAM-M2	G300-0.5	55	0.5	3 to 6	93	2.4	---	---	---
W-ALAM-M2	G300-1.5	55	1.5	3 to 6	22	---	---	---	---
W-ALAM-M2	G300-2.5	55	2.5	3 to 6	18	---	---	---	6.7
W-ALAM-M3	G301-0	55	0	6 to 9	600	48	---	<0.50	---
W-ALAM-M3	G301-0.5	55	0.5	6 to 9	63	1.1	---	---	---
W-ALAM-M3	G301-1.5	55	1.5	6 to 9	16	---	---	---	---
W-ALAM-M3	G301-2.5	55	2.5	6 to 9	24	---	---	---	---
W-ALAM-N1	G302-0	55	0	0 to 3	210	8.8	<0.50	---	---
W-ALAM-N1	G302-0.5	55	0.5	0 to 3	20	---	---	---	---
W-ALAM-N1	G302-1.5	55	1.5	0 to 3	17	---	---	---	---
W-ALAM-N1	G302-2.5	55	2.5	0 to 3	23	---	---	---	---

TABLE 3
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SOL-80 Freeway Performance Initiative Project
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Boring ID	Sample ID	Dataset	Sample Depth (ft)	Distance from EOP (ft)	Total Lead (mg/kg)	WET Lead (mg/l)	DI-WET Lead (mg/l)	TCLP Lead (mg/l)	pH
W-ALAM-N2	G303-0	55	0	6 to 9	670	43	---	<0.50	---
W-ALAM-N2	G303-0.5	55	0.5	6 to 9	31	---	---	---	6.9
W-ALAM-N2	G303-1.5	55	1.5	6 to 9	31	---	---	---	---
W-ALAM-N2	G303-2.5	55	2.5	6 to 9	19	---	---	---	---
W-ALAM-O1	G304-0	55	0	0 to 3	88	41	<0.50	---	---
W-ALAM-O1	G304-0.5	55	0.5	0 to 3	110	1.6	---	---	---
W-ALAM-O1	G304-1.5	55	1.5	0 to 3	21	---	---	---	---
W-ALAM-O1	G304-2.5	55	2.5	0 to 3	14	---	---	---	---
W-ALAM-O2	G305-0	55	0	3 to 6	810	46	---	<0.50	---
W-ALAM-O2	G305-0.5	55	0.5	3 to 6	37	---	---	---	---
W-ALAM-O2	G305-1.5	55	1.5	3 to 6	34	---	---	---	---
W-ALAM-O2	G305-2.5	55	2.5	3 to 6	19	---	---	---	7.2
W-ALAM-P1	G306-0	55	0	0 to 3	21	---	---	---	---
W-ALAM-P1	G306-0.5	55	0.5	0 to 3	1,300	85	---	3.0	---
W-ALAM-P1	G306-1.5	55	1.5	0 to 3	27	---	---	---	---
W-ALAM-P1	G306-2.5	55	2.5	0 to 3	8.8	---	---	---	---
W-ALAM-Q1	G307-0	55	0	0 to 3	10	---	---	---	---
W-ALAM-Q1	G307-0.5	55	0.5	0 to 3	780	14	---	<0.50	---
W-ALAM-Q1	G307-1.5	55	1.5	0 to 3	18	---	---	---	---
W-ALAM-Q1	G307-2.5	55	2.5	0 to 3	9.0	---	---	---	---
W-ALAM-R1	G308-0	55	0	0 to 3	12	---	---	---	---
W-ALAM-R1	G308-0.5	55	0.5	0 to 3	470	40	---	<0.50	7.5
W-ALAM-R1	G308-1.5	55	1.5	0 to 3	21	---	---	---	---
W-ALAM-R1	G308-2.5	55	2.5	0 to 3	59	2.2	---	---	---
W-ALAM-S1	G309-0	55	0	0 to 3	36	---	---	---	---
W-ALAM-S1	G309-0.5	55	0.5	0 to 3	9.3	---	---	---	---
W-ALAM-S1	G309-1.5	55	1.5	0 to 3	14	---	---	---	---
W-ALAM-S1	G309-2.5	55	2.5	0 to 3	9.6	---	---	---	---
W-ALAM-S2	G310-0	55	0	3 to 6	110	8.3	<0.50	---	---
W-ALAM-S2	G310-0.5	55	0.5	3 to 6	140	5.1	<0.50	---	---
W-ALAM-S2	G310-1.5	55	1.5	3 to 6	6.7	---	---	---	---
W-ALAM-S2	G310-2.5	55	2.5	3 to 6	7.9	---	---	---	7.5
W-ALAM-S3	G311-0	55	0	>9	670	56	---	<0.50	---
W-ALAM-S3	G311-0.5	55	0.5	>9	54	1.5	---	---	---
W-ALAM-S3	G311-1.5	55	1.5	>9	19	---	---	---	---
W-ALAM-S3	G311-2.5	55	2.5	>9	26	---	---	---	---
W-ALAM-T1	G312-0	55	0	0 to 3	1,700	220	---	3.4	---
W-ALAM-T1	G312-0.5	55	0.5	0 to 3	220	22	<0.50	---	---
W-ALAM-T1	G312-1.5	55	1.5	0 to 3	10	---	---	---	---
W-ALAM-T1	G312-2.5	55	2.5	0 to 3	12	---	---	---	---
W-ALAM-T2	G313-0	55	0	3 to 6	2,000	140	---	1.5	---
W-ALAM-T2	G313-0.5	55	0.5	3 to 6	150	6.2	<0.50	---	7.7
W-ALAM-T2	G313-1.5	55	1.5	3 to 6	12	---	---	---	---
W-ALAM-T2	G313-2.5	55	2.5	3 to 6	11	---	---	---	---
W-ALAM-T3	G314-0	55	0	>9	760	52	---	0.52	---
W-ALAM-T3	G314-0.5	55	0.5	>9	91	4.0	---	---	---
W-ALAM-T3	G314-1.5	55	1.5	>9	29	---	---	---	---
W-ALAM-T3	G314-2.5	55	2.5	>9	16	---	---	---	7.8
W-MV26A-01	G258-0	56	0	0 to 3	300	25	---	<0.50	---
W-MV26A-01	G258-0.5	56	0.5	0 to 3	93	4.4	---	---	---

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SOL-80 Freeway Performance Initiative Project
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Boring ID	Sample ID	Dataset	Sample Depth (ft)	Distance from EOP (ft)	Total Lead (mg/kg)	WET Lead (mg/l)	DI-WET Lead (mg/l)	TCLP Lead (mg/l)	pH
W-MV26A-02	G259-0	56	0	3 to 6	210	15	<0.50	---	---
W-MV26A-02	G259-0.5	56	0.5	3 to 6	89	5.3	<0.50	---	---
W-MV26A-03	G260-0	56	0	>9	330	30	---	<0.50	---
W-MV26A-03	G260-0.5	56	0.5	>9	150	6.0	<0.50	---	---
W-MV26A-04	G261-0	56	0	0 to 3	870	32	---	<0.50	---
W-MV26A-04	G261-0.5	56	0.5	0 to 3	12	---	---	---	---
W-MV26A-05	G262-0	56	0	3 to 6	490	30	---	<0.50	9.1
W-MV26A-05	G262-0.5	56	0.5	3 to 6	88	2.9	---	---	---
W-MV26A-06	G263-0	56	0	>9	330	17	---	<0.50	---
W-MV26A-06	G263-0.5	56	0.5	>9	220	5.0	<0.50	---	---
W-CC25-01	G315-0	57	0	>9	170	7.6	<0.50	---	---
W-CC25-01	G315-0.5	57	0.5	>9	49	---	---	---	---
W-CC25-01	G315-1.5	57	1.5	>9	36	---	---	---	---
W-CC25-01	G315-2.5	57	2.5	>9	30	---	---	---	---
W-CC25-01	G315-3.5	57	3.5	>9	31	---	---	---	---
W-CC25-01	G315-4.5	57	4.5	>9	29	---	---	---	---
W-CC25-01	G315-5.5	57	5.5	>9	11	---	---	---	---
W-CC25-01	G315-6.5	57	6.5	>9	9.6	---	---	---	6.6
E-MV26B-01	G316-0	58	0	0 to 3	200	9.9	<0.50	---	---
E-MV26B-01	G316-0.5	58	0.5	0 to 3	20	---	---	---	---
E-MV26B-02	G317-0	58	0	3 to 6	130	7.8	<0.50	---	---
E-MV26B-02	G317-0.5	58	0.5	3 to 6	28	---	---	---	---
E-MV26B-03	G318-0	58	0	>9	45	---	---	---	---
E-MV26B-03	G318-0.5	58	0.5	>9	28	---	---	---	---
E-MV26B-04	G319-0	58	0	0 to 3	120	8.4	<0.50	---	---
E-MV26B-04	G319-0.5	58	0.5	0 to 3	34	---	---	---	7.4
E-MV26B-05	G320-0	58	0	3 to 6	84	5.3	<0.50	---	---
E-MV26B-05	G320-0.5	58	0.5	3 to 6	40	---	---	---	---
E-MV26B-06	G321-0	58	0	>9	110	5.7	<0.50	---	---
E-MV26B-06	G321-0.5	58	0.5	>9	25	---	---	---	---
E-CC26-01	G328-0	59	0	>9	140	6.5	<0.50	---	---
E-CC26-01	G328-0.5	59	0.5	>9	14	---	---	---	---
E-CC26-01	G328-1.5	59	1.5	>9	13	---	---	---	7.1
E-CC26-01	G328-2.5	59	2.5	>9	10	---	---	---	---
E-CC26-01	G328-3.5	59	3.5	>9	14	---	---	---	---
E-MV27A-01	G322-0	60	0	0 to 3	10	---	---	---	---
E-MV27A-01	G322-0.5	60	0.5	0 to 3	10	---	---	---	---
E-MV27A-02	G323-0	60	0	3 to 6	18	---	---	---	---
E-MV27A-02	G323-0.5	60	0.5	3 to 6	33	---	---	---	---
E-MV27A-03	G324-0	60	0	>9	540	35	---	<0.50	---
E-MV27A-03	G324-0.5	60	0.5	>9	49	---	---	---	---
E-MV27A-04	G325-0	60	0	0 to 3	100	5.0	<0.50	---	6.6
E-MV27A-04	G325-0.5	60	0.5	0 to 3	64	3.9	---	---	---
E-MV27A-05	G326-0	60	0	3 to 6	76	3.3	---	---	---
E-MV27A-05	G326-0.5	60	0.5	3 to 6	9.0	---	---	---	---

TABLE 3
Summary of Lead and pH Results
SOL-80 Freeway Performance Initiative Project
Solano County, California

Boring ID	Sample ID	Dataset	Sample Depth (ft)	Distance from EOP (ft)	Total Lead (mg/kg)	WET Lead (mg/l)	DI-WET Lead (mg/l)	TCLP Lead (mg/l)	pH
E-MV27A-06	G327-0	60	0	>9	74	4.0	---	---	---
E-MV27A-06	G327-0.5	60	0.5	>9	9.2	---	---	---	7.4
E-MV28-01	G329-0	61	0	0 to 3	7.1	---	---	---	---
E-MV28-01	G329-0.5	61	0.5	0 to 3	10	---	---	---	---
E-MV28-02	G330-0	61	0	3 to 6	30	---	---	---	---
E-MV28-02	G330-0.5	61	0.5	3 to 6	12	---	---	---	---
E-MV28-03	G331-0	61	0	>9	19	---	---	---	---
E-MV28-03	G331-0.5	61	0.5	>9	11	---	---	---	7.5
E-MV28-04	G332-0	61	0	0 to 3	8.5	---	---	---	---
E-MV28-04	G332-0.5	61	0.5	0 to 3	35	---	---	---	---
E-MV28-05	G333-0	61	0	3 to 6	67	2.1	---	---	---
E-MV28-05	G333-0.5	61	0.5	3 to 6	36	---	---	---	---
E-MV28-06	G334-0	61	0	>9	17	---	---	---	---
E-MV28-06	G334-0.5	61	0.5	>9	17	---	---	---	---
E-CC27-01	G341-0	62	0	>9	25	---	---	---	---
E-CC27-01	G341-0.5	62	0.5	>9	4.6	---	---	---	---
E-CC27-01	G341-1.5	62	1.5	>9	5.3	---	---	---	---
E-CC27-01	G341-2.5	62	2.5	>9	6.2	---	---	---	---
E-CC27-01	G341-3.5	62	3.5	>9	4.6	---	---	---	---
E-CC27-01	G341-4	62	4	>9	3.2	---	---	---	---
E-CM4-CLIF	G342-0	63	0	3 to 6	48	---	---	---	---
E-CM4-CLIF	G342-0.5	63	0.5	3 to 6	9.4	---	---	---	---
E-CM4-CLIF	G342-1.5	63	1.5	3 to 6	6.5	---	---	---	---
E-CM4-CLIF	G342-2.5	63	2.5	3 to 6	7.8	---	---	---	---
E-CM4-CLIF	G342-3.5	63	3.5	3 to 6	6.4	---	---	---	---
E-CM4-CLIF	G342-4.5	63	4.5	3 to 6	5.1	---	---	---	---
E-CM4-CLIF	G342-5.5	63	5.5	3 to 6	6.4	---	---	---	---
E-CM4-CLIF	G342-6.5	63	6.5	3 to 6	5.7	---	---	---	8.0
W-MV28A-01	G335-0	64	0	0 to 3	3.4	---	---	---	8.2
W-MV28A-01	G335-0.5	64	0.5	0 to 3	160	6.1	<0.50	---	---
W-MV28A-02	G336-0	64	0	3 to 6	3.5	---	---	---	---
W-MV28A-02	G336-0.5	64	0.5	3 to 6	160	4.7	---	---	---
W-MV28A-03	G337-0	64	0	>9	5.1	---	---	---	---
W-MV28A-03	G337-0.5	64	0.5	>9	140	5.6	<0.50	---	---
W-MV28A-04	G338-0	64	0	0 to 3	4.1	---	---	---	---
W-MV28A-04	G338-0.5	64	0.5	0 to 3	130	5.0	<0.50	---	---
W-MV28A-05	G339-0	64	0	3 to 6	3.1	---	---	---	---
W-MV28A-05	G339-0.5	64	0.5	3 to 6	150	6.4	<0.50	---	---
W-MV28A-06	G340-0	64	0	>9	6.6	---	---	---	---
W-MV28A-06	G340-0.5	64	0.5	>9	13	---	---	---	---
E-CLIF-A1	G343-0	65	0	0 to 3	9.8	---	---	---	---
E-CLIF-A1	G343-0.5	65	0.5	0 to 3	5.7	---	---	---	---
E-CLIF-A1	G343-1.5	65	1.5	0 to 3	8.4	---	---	---	---
E-CLIF-A1	G343-2.5	65	2.5	0 to 3	6.1	---	---	---	---
E-CLIF-A2	G344-0	65	0	3 to 6	7.2	---	---	---	---
E-CLIF-A2	G344-0.5	65	0.5	3 to 6	5.8	---	---	---	---
E-CLIF-A2	G344-1.5	65	1.5	3 to 6	5.7	---	---	---	---
E-CLIF-A2	G344-2.5	65	2.5	3 to 6	4.8	---	---	---	---

TABLE 3
Summary of Lead and pH Results
SOL-80 Freeway Performance Initiative Project
Solano County, California

Boring ID	Sample ID	Dataset	Sample Depth (ft)	Distance from EOP (ft)	Total Lead (mg/kg)	WET Lead (mg/l)	DI-WET Lead (mg/l)	TCLP Lead (mg/l)	pH
E-CLIF-A3	G345-0	65	0	6 to 9	6.6	---	---	---	---
E-CLIF-A3	G345-0.5	65	0.5	6 to 9	6.8	---	---	---	5.3
E-CLIF-A3	G345-1.5	65	1.5	6 to 9	5.6	---	---	---	---
E-CLIF-A3	G345-2.5	65	2.5	6 to 9	3.1	---	---	---	---
E-CLIF-A4	G346-0	65	0	>9	9.6	---	---	---	---
E-CLIF-A4	G346-0.5	65	0.5	>9	5.1	---	---	---	---
E-CLIF-A4	G346-1.5	65	1.5	>9	5.0	---	---	---	---
E-CLIF-A4	G346-2.5	65	2.5	>9	3.8	---	---	---	---
E-CLIF-A5	G347-0	65	0	>9	6.5	---	---	---	---
E-CLIF-A5	G347-0.5	65	0.5	>9	4.6	---	---	---	---
E-CLIF-A5	G347-1.5	65	1.5	>9	4.8	---	---	---	---
E-CLIF-A5	G347-2.5	65	2.5	>9	3.3	---	---	---	8.3
E-CLIF-B1	G348-0	65	0	0 to 3	10	---	---	---	---
E-CLIF-B1	G348-0.5	65	0.5	0 to 3	5.6	---	---	---	---
E-CLIF-B1	G348-1.5	65	1.5	0 to 3	7.7	---	---	---	---
E-CLIF-B1	G348-2.5	65	2.5	0 to 3	4.4	---	---	---	---
E-CLIF-B2	G349-0	65	0	3 to 6	7.4	---	---	---	---
E-CLIF-B2	G349-0.5	65	0.5	3 to 6	6.7	---	---	---	---
E-CLIF-B2	G349-1.5	65	1.5	3 to 6	9.0	---	---	---	---
E-CLIF-B2	G349-2.5	65	2.5	3 to 6	6.3	---	---	---	---
E-CLIF-B3	G350-0	65	0	6 to 9	7.0	---	---	---	---
E-CLIF-B3	G350-0.5	65	0.5	6 to 9	2.8	---	---	---	10.0
E-CLIF-B3	G350-1.5	65	1.5	6 to 9	12	---	---	---	---
E-CLIF-B3	G350-2.5	65	2.5	6 to 9	6.2	---	---	---	---
E-CLIF-B4	G351-0	65	0	>9	6.6	---	---	---	---
E-CLIF-B4	G351-0.5	65	0.5	>9	9.1	---	---	---	---
E-CLIF-B4	G351-1.5	65	1.5	>9	6.1	---	---	---	---
E-CLIF-B4	G351-2.5	65	2.5	>9	4.5	---	---	---	---
E-CLIF-B5	G352-0	65	0	>9	9.0	---	---	---	---
E-CLIF-B5	G352-0.5	65	0.5	>9	10	---	---	---	---
E-CLIF-B5	G352-1.5	65	1.5	>9	5.7	---	---	---	---
E-CLIF-B5	G352-2.5	65	2.5	>9	3.3	---	---	---	8.2
E-CLIF-C1	G353-0	65	0	0 to 3	15	---	---	---	---
E-CLIF-C1	G353-0.5	65	0.5	0 to 3	10	---	---	---	---
E-CLIF-C1	G353-1.5	65	1.5	0 to 3	5.9	---	---	---	---
E-CLIF-C1	G353-2.5	65	2.5	0 to 3	7.1	---	---	---	---
E-CLIF-C2	G354-0	65	0	3 to 6	7.4	---	---	---	---
E-CLIF-C2	G354-0.5	65	0.5	3 to 6	4.2	---	---	---	---
E-CLIF-C2	G354-1.5	65	1.5	3 to 6	5.8	---	---	---	---
E-CLIF-C2	G354-2.5	65	2.5	3 to 6	6.6	---	---	---	---
E-CLIF-C3	G355-0	65	0	6 to 9	5.9	---	---	---	---
E-CLIF-C3	G355-0.5	65	0.5	6 to 9	5.3	---	---	---	7.1
E-CLIF-C3	G355-1.5	65	1.5	6 to 9	4.8	---	---	---	---
E-CLIF-C3	G355-2.5	65	2.5	6 to 9	6.2	---	---	---	---
E-CLIF-C4	G356-0	65	0	>9	6.1	---	---	---	---
E-CLIF-C4	G356-0.5	65	0.5	>9	5.8	---	---	---	---
E-CLIF-C4	G356-1.5	65	1.5	>9	6.2	---	---	---	---
E-CLIF-C4	G356-2.5	65	2.5	>9	5.6	---	---	---	---
E-CLIF-C5	G357-0	65	0	>9	6.5	---	---	---	---
E-CLIF-C5	G357-0.5	65	0.5	>9	5.5	---	---	---	---
E-CLIF-C5	G357-1.5	65	1.5	>9	15	---	---	---	---
E-CLIF-C5	G357-2.5	65	2.5	>9	7.7	---	---	---	6.8

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Boring ID	Sample ID	Dataset	Sample Depth (ft)	Distance from EOP (ft)	Total Lead (mg/kg)	WET Lead (mg/l)	DI-WET Lead (mg/l)	TCLP Lead (mg/l)	pH
E-CLIF-D1	G358-0	65	0	0 to 3	5.6	---	---	---	---
E-CLIF-D1	G358-0.5	65	0.5	0 to 3	17	---	---	---	---
E-CLIF-D1	G358-1.5	65	1.5	0 to 3	2.6	---	---	---	---
E-CLIF-D1	G358-2.5	65	2.5	0 to 3	5.3	---	---	---	---
E-CLIF-D2	G359-0	65	0	3 to 6	11	---	---	---	---
E-CLIF-D2	G359-0.5	65	0.5	3 to 6	6.8	---	---	---	---
E-CLIF-D2	G359-1.5	65	1.5	3 to 6	2.6	---	---	---	---
E-CLIF-D2	G359-2.5	65	2.5	3 to 6	4.8	---	---	---	---
E-CLIF-D3	G360-0	65	0	6 to 9	13	---	---	---	---
E-CLIF-D3	G360-0.5	65	0.5	6 to 9	9.6	---	---	---	8.3
E-CLIF-D3	G360-1.5	65	1.5	6 to 9	5.9	---	---	---	---
E-CLIF-D3	G360-2.5	65	2.5	6 to 9	4.3	---	---	---	---
E-CLIF-D4	G361-0	65	0	>9	8.5	---	---	---	---
E-CLIF-D4	G361-0.5	65	0.5	>9	5.7	---	---	---	---
E-CLIF-D4	G361-1.5	65	1.5	>9	4.9	---	---	---	---
E-CLIF-D4	G361-2.5	65	2.5	>9	6.0	---	---	---	---
E-CLIF-D5	G362-0	65	0	>9	9.9	---	---	---	6.8
E-CLIF-D5	G362-0.5	65	0.5	>9	6.7	---	---	---	---
E-CLIF-D5	G362-1.5	65	1.5	>9	9.6	---	---	---	---
E-CLIF-D5	G362-2.5	65	2.5	>9	6.7	---	---	---	---
E-CLIF-E1	G363-0	65	0	0 to 3	8.9	---	---	---	---
E-CLIF-E1	G363-0.5	65	0.5	0 to 3	11	---	---	---	---
E-CLIF-E1	G363-1.5	65	1.5	0 to 3	36	---	---	---	---
E-CLIF-E1	G363-2.5	65	2.5	0 to 3	2.9	---	---	---	7.6
E-CLIF-E2	G364-0	65	0	3 to 6	10	---	---	---	---
E-CLIF-E2	G364-0.5	65	0.5	3 to 6	19	---	---	---	---
E-CLIF-E2	G364-1.5	65	1.5	3 to 6	5.8	---	---	---	---
E-CLIF-E2	G364-2.5	65	2.5	3 to 6	4.1	---	---	---	---
E-CLIF-E3	G365-0	65	0	6 to 9	30	---	---	---	---
E-CLIF-E3	G365-0.5	65	0.5	6 to 9	11	---	---	---	---
E-CLIF-E3	G365-1.5	65	1.5	6 to 9	6.9	---	---	---	---
E-CLIF-E3	G365-2.5	65	2.5	6 to 9	3.2	---	---	---	---
E-CLIF-E4	G366-0	65	0	>9	29	---	---	---	---
E-CLIF-E4	G366-0.5	65	0.5	>9	120	1.9	---	---	---
E-CLIF-E4	G366-1.5	65	1.5	>9	9.3	---	---	---	---
E-CLIF-E4	G366-2.5	65	2.5	>9	9.6	---	---	---	---
E-CLIF-E5	G367-0	65	0	>9	49	---	---	---	---
E-CLIF-E5	G367-0.5	65	0.5	>9	160	5.2	<0.50	---	---
E-CLIF-E5	G367-1.5	65	1.5	>9	40	---	---	---	7.6
E-CLIF-E5	G367-2.5	65	2.5	>9	41	---	---	---	---
E-CLIF-F1	G368-0	65	0	0 to 3	6.8	---	---	---	---
E-CLIF-F1	G368-0.5	65	0.5	0 to 3	11	---	---	---	8.5
E-CLIF-F1	G368-1.5	65	1.5	0 to 3	5.5	---	---	---	---
E-CLIF-F1	G368-2.5	65	2.5	0 to 3	11	---	---	---	---
E-CLIF-F2	G369-0	65	0	3 to 6	7.0	---	---	---	---
E-CLIF-F2	G369-0.5	65	0.5	3 to 6	15	---	---	---	---
E-CLIF-F2	G369-1.5	65	1.5	3 to 6	29	---	---	---	---
E-CLIF-F2	G369-2.5	65	2.5	3 to 6	9.1	---	---	---	---
E-CLIF-F3	G370-0	65	0	6 to 9	7.9	---	---	---	---
E-CLIF-F3	G370-0.5	65	0.5	6 to 9	7.4	---	---	---	---
E-CLIF-F3	G370-1.5	65	1.5	6 to 9	4.6	---	---	---	---
E-CLIF-F3	G370-2.5	65	2.5	6 to 9	5.8	---	---	---	---

TABLE 3
Summary of Lead and pH Results
SOL-80 Freeway Performance Initiative Project
Solano County, California

Boring ID	Sample ID	Dataset	Sample Depth (ft)	Distance from EOP (ft)	Total Lead (mg/kg)	WET Lead (mg/l)	DI-WET Lead (mg/l)	TCLP Lead (mg/l)	pH
E-CLIF-G1	G371-0	65	0	0 to 3	5.4	---	---	---	---
E-CLIF-G1	G371-0.5	65	0.5	0 to 3	26	---	---	---	---
E-CLIF-G1	G371-1.5	65	1.5	0 to 3	3.8	---	---	---	---
E-CLIF-G1	G371-2.5	65	2.5	0 to 3	6.1	---	---	---	8.6
E-CLIF-G2	G372-0	65	0	3 to 6	64	2.0	---	---	---
E-CLIF-G2	G372-0.5	65	0.5	3 to 6	7.7	---	---	---	---
E-CLIF-G2	G372-1.5	65	1.5	3 to 6	5.7	---	---	---	---
E-CLIF-G2	G372-2.5	65	2.5	3 to 6	6.1	---	---	---	---
E-CLIF-G3	G373-0	65	0	6 to 9	210	4.3	---	---	---
E-CLIF-G3	G373-0.5	65	0.5	6 to 9	89	3.8	---	---	---
E-CLIF-G3	G373-1.5	65	1.5	6 to 9	14	---	---	---	---
E-CLIF-G3	G373-2.5	65	2.5	6 to 9	4.9	---	---	---	---
E-CLIF-H1	G374-0	65	0	0 to 3	7.3	---	---	---	---
E-CLIF-H1	G374-0.5	65	0.5	0 to 3	56	4.5	---	---	7.5
E-CLIF-H1	G374-1.5	65	1.5	0 to 3	7.6	---	---	---	---
E-CLIF-H1	G374-2.5	65	2.5	0 to 3	6.3	---	---	---	---
E-CLIF-H2	G375-0	65	0	3 to 6	47	---	---	---	---
E-CLIF-H2	G375-0.5	65	0.5	3 to 6	71	1.8	---	---	---
E-CLIF-H2	G375-1.5	65	1.5	3 to 6	6.7	---	---	---	---
E-CLIF-H2	G375-2.5	65	2.5	3 to 6	6.0	---	---	---	---
E-CLIF-H3	G376-0	65	0	6 to 9	180	7.9	<0.50	---	---
E-CLIF-H3	G376-0.5	65	0.5	6 to 9	210	6.5	<0.50	---	---
E-CLIF-H3	G376-1.5	65	1.5	6 to 9	25	---	---	---	---
E-CLIF-H3	G376-2.5	65	2.5	6 to 9	5.1	---	---	---	7.8
E-CLIF-I1	G377-0	65	0	0 to 3	9.5	---	---	---	---
E-CLIF-I1	G377-0.5	65	0.5	0 to 3	9.3	---	---	---	---
E-CLIF-I1	G377-1.5	65	1.5	0 to 3	35	---	---	---	---
E-CLIF-I1	G377-2.5	65	2.5	0 to 3	3.7	---	---	---	---
E-CLIF-I2	G378-0	65	0	3 to 6	110	1.7	---	---	---
E-CLIF-I2	G378-0.5	65	0.5	3 to 6	55	1.1	---	---	---
E-CLIF-I2	G378-1.5	65	1.5	3 to 6	6.2	---	---	---	---
E-CLIF-I2	G378-2.5	65	2.5	3 to 6	6.1	---	---	---	---
E-CLIF-J1	G379-0	65	0	0 to 3	9.0	---	---	---	---
E-CLIF-J1	G379-0.5	65	0.5	0 to 3	100	5.3	<0.50	---	8.1
E-CLIF-J1	G379-1.5	65	1.5	0 to 3	21	---	---	---	---
E-CLIF-J1	G379-2.5	65	2.5	0 to 3	6.3	---	---	---	---
E-CLIF-J2	G380-0	65	0	3 to 6	17	---	---	---	---
E-CLIF-J2	G380-0.5	65	0.5	3 to 6	150	7.2	<0.50	---	---
E-CLIF-J2	G380-1.5	65	1.5	3 to 6	76	4.3	---	---	---
E-CLIF-J2	G380-2.5	65	2.5	3 to 6	5.4	---	---	---	---
E-CLIF-K1	G381-0	65	0	0 to 3	9.0	---	---	---	---
E-CLIF-K1	G381-0.5	65	0.5	0 to 3	17	---	---	---	---
E-CLIF-K1	G381-1.5	65	1.5	0 to 3	2.9	---	---	---	---
E-CLIF-K1	G381-2.5	65	2.5	0 to 3	4.1	---	---	---	8.3
E-CLIF-K2	G382-0	65	0	0 to 3	50	4.7	---	---	---
E-CLIF-K2	G382-0.5	65	0.5	0 to 3	6.3	---	---	---	---
E-CLIF-K2	G382-1.5	65	1.5	0 to 3	4.2	---	---	---	---
E-CLIF-K2	G382-2.5	65	2.5	0 to 3	6.3	---	---	---	---
E-CLIF-L1	G383-0	65	0	0 to 3	260	10	<0.50	---	8.6
E-CLIF-L1	G383-0.5	65	0.5	0 to 3	5.3	---	---	---	---
E-CLIF-L1	G383-1.5	65	1.5	0 to 3	12	---	---	---	---
E-CLIF-L1	G383-2.5	65	2.5	0 to 3	6.2	---	---	---	---

TABLE 3
Summary of Lead and pH Results
SOL-80 Freeway Performance Initiative Project
Solano County, California

Boring ID	Sample ID	Dataset	Sample Depth (ft)	Distance from EOP (ft)	Total Lead (mg/kg)	WET Lead (mg/l)	DI-WET Lead (mg/l)	TCLP Lead (mg/l)	pH
E-CLIF-M1	G384-0	65	0	0 to 3	700	47	---	1.8	---
E-CLIF-M1	G384-0.5	65	0.5	0 to 3	24	---	---	---	---
E-CLIF-M1	G384-1.5	65	1.5	0 to 3	7.5	---	---	---	---
E-CLIF-M1	G384-2.5	65	2.5	0 to 3	14	---	---	---	---
E-CLIF-N1	G385-0	65	0	0 to 3	640	41	---	1.0	---
E-CLIF-N1	G385-0.5	65	0.5	0 to 3	11	---	---	---	---
E-CLIF-N1	G385-1.5	65	1.5	0 to 3	6.7	---	---	---	6.5
E-CLIF-N1	G385-2.5	65	2.5	0 to 3	6.6	---	---	---	---
E-CLIF-O1	G386-0	65	0	0 to 3	790	70	---	1.3	---
E-CLIF-O1	G386-0.5	65	0.5	0 to 3	360	25	---	0.83	---
E-CLIF-O1	G386-1.5	65	1.5	0 to 3	16	---	---	---	---
E-CLIF-O1	G386-2.5	65	2.5	0 to 3	17	---	---	---	---
E-CLIF-P1	G387-0	65	0	0 to 3	2,500	140	<0.50	11	---
E-CLIF-P1	G387-0.5	65	0.5	0 to 3	210	14	<0.50	---	---
E-CLIF-P1	G387-1.5	65	1.5	0 to 3	140	1.9	---	---	---
E-CLIF-P1	G387-2.5	65	2.5	0 to 3	5.4	---	---	---	---
E-CLIF-Q1	G388-0	65	0	0 to 3	740	54	---	3.0	---
E-CLIF-Q1	G388-0.5	65	0.5	0 to 3	910	52	---	0.95	---
E-CLIF-Q1	G388-1.5	65	1.5	0 to 3	1,000	50	---	1.6	---
E-CLIF-Q1	G388-2.5	65	2.5	0 to 3	140	<0.50	---	---	---
E-CLIF-R1	G389-0	65	0	0 to 3	2,000	170	---	<0.50	---
E-CLIF-R1	G389-0.5	65	0.5	0 to 3	290	13	<0.50	---	---
E-CLIF-R1	G389-1.5	65	1.5	0 to 3	13	---	---	---	---
E-CLIF-R1	G389-2.5	65	2.5	0 to 3	43	---	---	---	---
E-CLIF-S1	G390-0	65	0	0 to 3	1,200	150	<0.50	10	---
E-CLIF-S1	G390-0.5	65	0.5	0 to 3	100	3.5	---	---	---
E-CLIF-S1	G390-1.5	65	1.5	0 to 3	18	---	---	---	7.7
E-CLIF-S1	G390-2.5	65	2.5	0 to 3	120	11	<0.50	---	---
E-CLIF-T1	G391-0	65	0	0 to 3	3,100	270	1.9	11	---
E-CLIF-T1	G391-0.5	65	0.5	0 to 3	340	32	---	1.2	---
E-CLIF-T1	G391-1.5	65	1.5	0 to 3	250	10	<0.50	---	---
E-CLIF-T1	G391-2.5	65	2.5	0 to 3	170	12	<0.50	---	---
E-MV30-LOOP-01	G392-0	66	0	0 to 3	7.5	---	---	---	---
E-MV30-LOOP-01	G392-0.5	66	0.5	0 to 3	5.3	---	---	---	---
E-MV30-LOOP-02	G393-0	66	0	3 to 6	7.2	---	---	---	---
E-MV30-LOOP-02	G393-0.5	66	0.5	3 to 6	5.5	---	---	---	7.7
E-MV30-LOOP-03	G394-0	66	0	>9	7.0	---	---	---	---
E-MV30-LOOP-03	G394-0.5	66	0.5	>9	6.6	---	---	---	---
E-MV30-LOOP-04	G395-0	66	0	0 to 3	6.4	---	---	---	---
E-MV30-LOOP-04	G395-0.5	66	0.5	0 to 3	7.7	---	---	---	---
E-MV30-LOOP-05	G396-0	66	0	3 to 6	8.9	---	---	---	---
E-MV30-LOOP-05	G396-0.5	66	0.5	3 to 6	8.1	---	---	---	---
E-MV30-LOOP-06	G397-0	66	0	>9	8.8	---	---	---	---
E-MV30-LOOP-06	G397-0.5	66	0.5	>9	6.5	---	---	---	---
W-CC28-01	G410-0	67	0	>9	6.5	---	---	---	---
W-CC28-01	G410-0.5	67	0.5	>9	7.2	---	---	---	---
W-CC28-01	G410-1.5	67	1.5	>9	6.8	---	---	---	---
W-CC28-01	G410-2.5	67	2.5	>9	6.9	---	---	---	---

TABLE 3
Summary of Lead and pH Results
SOL-80 Freeway Performance Initiative Project
Solano County, California

Boring ID	Sample ID	Dataset	Sample Depth (ft)	Distance from EOP (ft)	Total Lead (mg/kg)	WET Lead (mg/l)	DI-WET Lead (mg/l)	TCLP Lead (mg/l)	pH
W-MV29-01	G404-0	68	0	0 to 3	7.0	---	---	---	---
W-MV29-01	G404-0.5	68	0.5	0 to 3	4.7	---	---	---	---
W-MV29-02	G405-0	68	0	3 to 6	11	---	---	---	---
W-MV29-02	G405-0.5	68	0.5	3 to 6	48	---	---	---	---
W-MV29-03	G406-0	68	0	>9	29	---	---	---	---
W-MV29-03	G406-0.5	68	0.5	>9	9.5	---	---	---	8.0
W-MV29-04	G407-0	68	0	0 to 3	5.2	---	---	---	---
W-MV29-04	G407-0.5	68	0.5	0 to 3	14	---	---	---	---
W-MV29-05	G408-0	68	0	3 to 6	24	---	---	---	---
W-MV29-05	G408-0.5	68	0.5	3 to 6	17	---	---	---	---
W-MV29-06	G409-0	68	0	>9	19	---	---	---	---
W-MV29-06	G409-0.5	68	0.5	>9	16	---	---	---	8.6
E-MV31-01	G398-0	69	0	0 to 3	6.1	---	---	---	---
E-MV31-01	G398-0.5	69	0.5	0 to 3	37	---	---	---	7.9
E-MV31-02	G399-0	69	0	3 to 6	17	---	---	---	---
E-MV31-02	G399-0.5	69	0.5	3 to 6	7.6	---	---	---	---
E-MV31-03	G400-0	69	0	>9	11	---	---	---	---
E-MV31-03	G400-0.5	69	0.5	>9	7.9	---	---	---	---
E-MV31-04	G401-0	69	0	0 to 3	5.5	---	---	---	---
E-MV31-04	G401-0.5	69	0.5	0 to 3	6.3	---	---	---	---
E-MV31-05	G402-0	69	0	3 to 6	9.7	---	---	---	---
E-MV31-05	G402-0.5	69	0.5	3 to 6	6.6	---	---	---	---
E-MV31-06	G403-0	69	0	>9	9.3	---	---	---	---
E-MV31-06	G403-0.5	69	0.5	>9	13	---	---	---	7.1
W-MV-MONTE-01	G411-0	70	0	0 to 3	19	---	---	---	---
W-MV-MONTE-01	G411-0.5	70	0.5	0 to 3	14	---	---	---	---
W-MV-MONTE-02	G412-0	70	0	3 to 6	11	---	---	---	---
W-MV-MONTE-02	G412-0.5	70	0.5	3 to 6	2.7	---	---	---	---
W-MV-MONTE-03	G413-0	70	0	>9	13	---	---	---	---
W-MV-MONTE-03	G413-0.5	70	0.5	>9	2.3	---	---	---	---
W-MV-MONTE-04	G414-0	70	0	0 to 3	15	---	---	---	---
W-MV-MONTE-04	G414-0.5	70	0.5	0 to 3	2.3	---	---	---	8.2
W-MV-MONTE-05	G415-0	70	0	3 to 6	15	---	---	---	---
W-MV-MONTE-05	G415-0.5	70	0.5	3 to 6	18	---	---	---	---
W-MV-MONTE-06	G416-0	70	0	>9	15	---	---	---	---
W-MV-MONTE-06	G416-0.5	70	0.5	>9	5.3	---	---	---	---
W-CC29-01	G428-0	71	0	>9	12	---	---	---	---
W-CC29-01	G428-0.5	71	0.5	>9	21	---	---	---	---
W-CC29-01	G428-1.5	71	1.5	>9	23	---	---	---	---
W-CC29-01	G428-2.5	71	2.5	>9	19	---	---	---	---
W-CC29-01	G428-3.5	71	3.5	>9	15	---	---	---	---
W-CC29-01	G428-4.5	71	4.5	>9	15	---	---	---	---
W-CC29-01	G428-5.5	71	5.5	>9	13	---	---	---	---
W-CC29-01	G428-6.5	71	6.5	>9	17	---	---	---	8.0

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W-505-BL1	G472-0	72	0	0 to 3	31	---	---	---	---
W-505-BL1	G472-0.5	72	0.5	0 to 3	17	---	---	---	---
W-505-BL1	G472-1.5	72	1.5	0 to 3	7.8	---	---	---	---
W-505-BL1	G472-2.5	72	2.5	0 to 3	5.5	---	---	---	8.0
W-505-CL1	G475-0	72	0	0 to 3	27	---	---	---	---
W-505-CL1	G475-0.5	72	0.5	0 to 3	27	---	---	---	7.6
W-505-CL1	G475-1.5	72	1.5	0 to 3	14	---	---	---	---
W-505-CL1	G475-2.5	72	2.5	0 to 3	4.9	---	---	---	---
W-505-DL1	G478-0	72	0	0 to 3	6.7	---	---	---	---
W-505-DL1	G478-0.5	72	0.5	0 to 3	5.4	---	---	---	---
W-505-DL1	G478-1.5	72	1.5	0 to 3	16	---	---	---	---
W-505-DL1	G478-2.5	72	2.5	0 to 3	150	<0.50	---	---	---
W-505-EL1	G481-0	72	0	0 to 3	220	<0.50	---	---	---
W-505-EL1	G481-0.5	72	0.5	0 to 3	6.9	---	---	---	---
W-505-EL1	G481-1.5	72	1.5	0 to 3	7.4	---	---	---	---
W-505-EL1	G481-2.5	72	2.5	0 to 3	230	<0.50	---	---	---
W-505-FL1	G484-0	72	0	0 to 3	250	<0.50	---	---	---
W-505-FL1	G484-0.5	72	0.5	0 to 3	250	<0.50	---	---	---
W-505-FL1	G484-1.5	72	1.5	0 to 3	6.7	---	---	---	---
W-505-FL1	G484-2.5	72	2.5	0 to 3	8.0	---	---	---	---
W-505-GL1	G487-0	72	0	0 to 3	23	---	---	---	---
W-505-GL1	G487-0.5	72	0.5	0 to 3	29	---	---	---	---
W-505-GL1	G487-1.5	72	1.5	0 to 3	170	<0.50	---	---	---
W-505-GL1	G487-2.5	72	2.5	0 to 3	16	---	---	---	7.2
W-505-HL1	G490-0	72	0	0 to 3	19	---	---	---	---
W-505-HL1	G490-0.5	72	0.5	0 to 3	18	---	---	---	7.5
W-505-HL1	G490-1.5	72	1.5	0 to 3	11	---	---	---	---
W-505-HL1	G490-2.5	72	2.5	0 to 3	8.0	---	---	---	---
W-505-IL1	G492-0	72	0	0 to 3	26	---	---	---	---
W-505-IL1	G492-0.5	72	0.5	0 to 3	20	---	---	---	---
W-505-IL1	G492-1.5	72	1.5	0 to 3	7.5	---	---	---	---
W-505-IL1	G492-2.5	72	2.5	0 to 3	7.2	---	---	---	7.1
W-505-JL1	G494-0	72	0	0 to 3	19	---	---	---	---
W-505-JL1	G494-0.5	72	0.5	0 to 3	29	---	---	---	---
W-505-JL1	G494-1.5	72	1.5	0 to 3	8.5	---	---	---	---
W-505-JL1	G494-2.5	72	2.5	0 to 3	12	---	---	---	---
W-505-KL1	G496-0	72	0	0 to 3	10	---	---	---	---
W-505-KL1	G496-0.5	72	0.5	0 to 3	3.0	---	---	---	---
W-505-KL1	G496-1.5	72	1.5	0 to 3	2.1	---	---	---	---
W-505-KL1	G496-2.5	72	2.5	0 to 3	7.4	---	---	---	---
W-505-LL1	G498-0	72	0	0 to 3	18	---	---	---	---
W-505-LL1	G498-0.5	72	0.5	0 to 3	4.2	---	---	---	---
W-505-LL1	G498-1.5	72	1.5	0 to 3	2.1	---	---	---	---
W-505-LL1	G498-2.5	72	2.5	0 to 3	7.1	---	---	---	---
W-505-ML1	G500-0	72	0	0 to 3	17	---	---	---	---
W-505-ML1	G500-0.5	72	0.5	0 to 3	5.2	---	---	---	8.8
W-505-ML1	G500-1.5	72	1.5	0 to 3	2.5	---	---	---	---
W-505-ML1	G500-2.5	72	2.5	0 to 3	18	---	---	---	---
W-505-NL1	G502-0	72	0	0 to 3	15	---	---	---	---
W-505-NL1	G502-0.5	72	0.5	0 to 3	4.7	---	---	---	---
W-505-NL1	G502-1.5	72	1.5	0 to 3	1.9	---	---	---	---
W-505-NL1	G502-2.5	72	2.5	0 to 3	2.0	---	---	---	---

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Boring ID	Sample ID	Dataset	Sample Depth (ft)	Distance from EOP (ft)	Total Lead (mg/kg)	WET Lead (mg/l)	DI-WET Lead (mg/l)	TCLP Lead (mg/l)	pH
W-505-OL1	G504-0	72	0	0 to 3	8.2	---	---	---	---
W-505-OL1	G504-0.5	72	0.5	0 to 3	3.2	---	---	---	---
W-505-OL1	G504-1.5	72	1.5	0 to 3	2.2	---	---	---	---
W-505-OL1	G504-2.5	72	2.5	0 to 3	24	---	---	---	7.3
W-505-PL1	G506-0	72	0	0 to 3	28	---	---	---	---
W-505-PL1	G506-0.5	72	0.5	0 to 3	11	---	---	---	---
W-505-PL1	G506-1.5	72	1.5	0 to 3	2.1	---	---	---	---
W-505-PL1	G506-2.5	72	2.5	0 to 3	3.3	---	---	---	---
W-505-QL1	G508-0	72	0	0 to 3	38	---	---	---	---
W-505-QL1	G508-0.5	72	0.5	0 to 3	51	3.9	---	---	---
W-505-QL1	G508-1.5	72	1.5	0 to 3	2.2	---	---	---	---
W-505-QL1	G508-2.5	72	2.5	0 to 3	2.0	---	---	---	7.2
W-505-RL1	G418-0	72	0	0 to 3	59	15	<0.50	---	---
W-505-RL1	G418-0.5	72	0.5	0 to 3	17	---	---	---	---
W-505-RL1	G418-1.5	72	1.5	0 to 3	13	---	---	---	---
W-505-RL1	G418-2.5	72	2.5	0 to 3	2.6	---	---	---	---
W-505-SL1	G420-0	72	0	0 to 3	53	3.6	---	---	---
W-505-SL1	G420-0.5	72	0.5	0 to 3	60	12	<0.50	---	8.4
W-505-SL1	G420-1.5	72	1.5	0 to 3	3.2	---	---	---	---
W-505-SL1	G420-2.5	72	2.5	0 to 3	2.2	---	---	---	---
W-505-TL1	G422-0	72	0	0 to 3	240	37	<0.50	---	---
W-505-TL1	G422-0.5	72	0.5	0 to 3	290	11	<0.50	---	---
W-505-UL1	G424-0	72	0	0 to 3	5.0	---	---	---	---
W-505-UL1	G424-0.5	72	0.5	0 to 3	31	---	---	---	---
W-505-UL1	G424-1.5	72	1.5	0 to 3	3.1	---	---	---	---
W-505-UL1	G424-2.5	72	2.5	0 to 3	2.8	---	---	---	---
W-505-VL1	G426-0	72	0	0 to 3	110	3.0	---	---	---
W-505-VL1	G426-0.5	72	0.5	0 to 3	73	0.55	---	---	8.2
W-505-VL1	G426-1.5	72	1.5	0 to 3	3.7	---	---	---	---
W-505-VL1	G426-2.5	72	2.5	0 to 3	14	---	---	---	---
W-505-WL1	G427-0	72	0	0 to 3	51	0.69	---	---	---
W-505-WL1	G427-0.5	72	0.5	0 to 3	6.2	---	---	---	---
W-505-A1	G469-0	73	0	3 to 6	130	3.3	---	---	---
W-505-A1	G469-0.5	73	0.5	3 to 6	30	---	---	---	---
W-505-A1	G469-1.5	73	1.5	3 to 6	31	---	---	---	---
W-505-A1	G469-2.5	73	2.5	3 to 6	13	---	---	---	---
W-505-B1	G470-0	73	0	0 to 3	18	---	---	---	---
W-505-B1	G470-0.5	73	0.5	0 to 3	19	---	---	---	7.9
W-505-B1	G470-1.5	73	1.5	0 to 3	6.3	---	---	---	---
W-505-B1	G470-2.5	73	2.5	0 to 3	21	---	---	---	---
W-505-B2	G471-0	73	0	3 to 6	68	3.8	---	---	---
W-505-B2	G471-0.5	73	0.5	3 to 6	30	---	---	---	---
W-505-B2	G471-1.5	73	1.5	3 to 6	14	---	---	---	---
W-505-B2	G471-2.5	73	2.5	3 to 6	39	---	---	---	---
W-505-C1	G473-0	73	0	0 to 3	55	3.1	---	---	---
W-505-C1	G473-0.5	73	0.5	0 to 3	99	3.3	---	---	---
W-505-C1	G473-1.5	73	1.5	0 to 3	9.2	---	---	---	---
W-505-C1	G473-2.5	73	2.5	0 to 3	15	---	---	---	---

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Boring ID	Sample ID	Dataset	Sample Depth (ft)	Distance from EOP (ft)	Total Lead (mg/kg)	WET Lead (mg/l)	DI-WET Lead (mg/l)	TCLP Lead (mg/l)	pH
W-505-C2	G474-0	73	0	3 to 6	180	11	<0.50	---	---
W-505-C2	G474-0.5	73	0.5	3 to 6	29	---	---	---	---
W-505-C2	G474-1.5	73	1.5	3 to 6	16	---	---	---	---
W-505-C2	G474-2.5	73	2.5	3 to 6	29	---	---	---	---
W-505-D1	G476-0	73	0	0 to 3	67	4.3	---	---	---
W-505-D1	G476-0.5	73	0.5	0 to 3	22	---	---	---	---
W-505-D1	G476-1.5	73	1.5	0 to 3	9.3	---	---	---	---
W-505-D1	G476-2.5	73	2.5	0 to 3	230	0.79	---	---	---
W-505-D2	G477-0	73	0	3 to 6	20	---	---	---	---
W-505-D2	G477-0.5	73	0.5	3 to 6	12	---	---	---	---
W-505-D2	G477-1.5	73	1.5	3 to 6	78	0.67	---	---	---
W-505-D2	G477-2.5	73	2.5	3 to 6	7.4	---	---	---	7.8
W-505-E1	G479-0	73	0	0 to 3	240	0.63	---	---	---
W-505-E1	G479-0.5	73	0.5	0 to 3	240	0.54	---	---	---
W-505-E1	G479-1.5	73	1.5	0 to 3	9.6	---	---	---	---
W-505-E1	G479-2.5	73	2.5	0 to 3	6.6	---	---	---	---
W-505-E2	G480-0	73	0	3 to 6	8.7	---	---	---	---
W-505-E2	G480-0.5	73	0.5	3 to 6	9.0	---	---	---	7.0
W-505-E2	G480-1.5	73	1.5	3 to 6	8.7	---	---	---	---
W-505-E2	G480-2.5	73	2.5	3 to 6	7.3	---	---	---	---
W-505-F1	G482-0	73	0	0 to 3	12	---	---	---	---
W-505-F1	G482-0.5	73	0.5	0 to 3	8.6	---	---	---	---
W-505-F1	G482-1.5	73	1.5	0 to 3	240	<0.50	---	---	---
W-505-F1	G482-2.5	73	2.5	0 to 3	6.3	---	---	---	7.9
W-505-F2	G483-0	73	0	3 to 6	6.3	---	---	---	---
W-505-F2	G483-0.5	73	0.5	3 to 6	7.6	---	---	---	---
W-505-F2	G483-1.5	73	1.5	3 to 6	39	---	---	---	---
W-505-F2	G483-2.5	73	2.5	3 to 6	120	<0.50	---	---	---
W-505-G1	G485-0	73	0	0 to 3	6.4	---	---	---	---
W-505-G1	G485-0.5	73	0.5	0 to 3	35	---	---	---	8.1
W-505-G1	G485-1.5	73	1.5	0 to 3	5.6	---	---	---	---
W-505-G1	G485-2.5	73	2.5	0 to 3	8.0	---	---	---	---
W-505-G2	G486-0	73	0	3 to 6	8.2	---	---	---	---
W-505-G2	G486-0.5	73	0.5	3 to 6	40	---	---	---	---
W-505-G2	G486-1.5	73	1.5	3 to 6	21	---	---	---	---
W-505-G2	G486-2.5	73	2.5	3 to 6	240	<0.50	---	---	---
W-505-H1	G488-0	73	0	0 to 3	4.7	---	---	---	---
W-505-H1	G488-0.5	73	0.5	0 to 3	6.7	---	---	---	---
W-505-H1	G488-1.5	73	1.5	0 to 3	7.4	---	---	---	---
W-505-H1	G488-2.5	73	2.5	0 to 3	13	---	---	---	---
W-505-H2	G489-0	73	0	3 to 6	250	2.2	---	---	---
W-505-H2	G489-0.5	73	0.5	3 to 6	250	<0.50	---	---	---
W-505-H2	G489-1.5	73	1.5	3 to 6	55	<0.50	---	---	---
W-505-H2	G489-2.5	73	2.5	3 to 6	30	---	---	---	---
W-505-I1	G491-0	73	0	0 to 3	260	2.8	---	---	---
W-505-I1	G491-0.5	73	0.5	0 to 3	33	---	---	---	---
W-505-I1	G491-1.5	73	1.5	0 to 3	6.9	---	---	---	---
W-505-I1	G491-2.5	73	2.5	0 to 3	5.9	---	---	---	---
W-505-J1	G493-0	73	0	0 to 3	28	---	---	---	---
W-505-J1	G493-0.5	73	0.5	0 to 3	27	---	---	---	---
W-505-J1	G493-1.5	73	1.5	0 to 3	5.7	---	---	---	---
W-505-J1	G493-2.5	73	2.5	0 to 3	10	---	---	---	---

TABLE 3
Summary of Lead and pH Results
SOL-80 Freeway Performance Initiative Project
Solano County, California

Boring ID	Sample ID	Dataset	Sample Depth (ft)	Distance from EOP (ft)	Total Lead (mg/kg)	WET Lead (mg/l)	DI-WET Lead (mg/l)	TCLP Lead (mg/l)	pH
W-505-K1	G495-0	73	0	0 to 3	810	8.0	---	<0.50	---
W-505-K1	G495-0.5	73	0.5	0 to 3	14	---	---	---	8.1
W-505-K1	G495-1.5	73	1.5	0 to 3	7.4	---	---	---	---
W-505-K1	G495-2.5	73	2.5	0 to 3	6.5	---	---	---	---
W-505-L1	G497-0	73	0	0 to 3	35	---	---	---	---
W-505-L1	G497-0.5	73	0.5	0 to 3	6.9	---	---	---	---
W-505-L1	G497-1.5	73	1.5	0 to 3	7.3	---	---	---	---
W-505-L1	G497-2.5	73	2.5	0 to 3	14	---	---	---	8.3
W-505-M1	G499-0	73	0	0 to 3	12	---	---	---	---
W-505-M1	G499-0.5	73	0.5	0 to 3	9.8	---	---	---	---
W-505-M1	G499-1.5	73	1.5	0 to 3	4.4	---	---	---	---
W-505-M1	G499-2.5	73	2.5	0 to 3	3.9	---	---	---	---
W-505-N1	G501-0	73	0	0 to 3	15	---	---	---	---
W-505-N1	G501-0.5	73	0.5	0 to 3	6.3	---	---	---	8.2
W-505-N1	G501-1.5	73	1.5	0 to 3	4.9	---	---	---	---
W-505-N1	G501-2.5	73	2.5	0 to 3	5.1	---	---	---	---
W-505-O1	G503-0	73	0	0 to 3	35	---	---	---	---
W-505-O1	G503-0.5	73	0.5	0 to 3	5.2	---	---	---	---
W-505-O1	G503-1.5	73	1.5	0 to 3	5.5	---	---	---	---
W-505-O1	G503-2.5	73	2.5	0 to 3	4.4	---	---	---	---
W-505-P1	G505-0	73	0	0 to 3	29	---	---	---	---
W-505-P1	G505-0.5	73	0.5	0 to 3	12	---	---	---	---
W-505-P1	G505-1.5	73	1.5	0 to 3	5.0	---	---	---	---
W-505-P1	G505-2.5	73	2.5	0 to 3	8.1	---	---	---	8.1
W-505-Q1	G507-0	73	0	0 to 3	42	---	---	---	---
W-505-Q1	G507-0.5	73	0.5	0 to 3	42	---	---	---	---
W-505-Q1	G507-1.5	73	1.5	0 to 3	50	0.98	---	---	---
W-505-R1	G417-0	73	0	3 to 6	45	---	---	---	---
W-505-R1	G417-0.5	73	0.5	3 to 6	7.0	---	---	---	---
W-505-R1	G417-1.5	73	1.5	3 to 6	9.1	---	---	---	---
W-505-R1	G417-2.5	73	2.5	3 to 6	6.2	---	---	---	---
W-505-S1	G419-0	73	0	3 to 6	5.7	---	---	---	---
W-505-S1	G419-0.5	73	0.5	3 to 6	8.1	---	---	---	---
W-505-S1	G419-1.5	73	1.5	3 to 6	11	---	---	---	---
W-505-S1	G419-2.5	73	2.5	3 to 6	5.0	---	---	---	---
E-MV32-01	G429-0	74	0	0 to 3	10	---	---	---	---
E-MV32-01	G429-0.5	74	0.5	0 to 3	6.0	---	---	---	---
E-MV32-02	G430-0	74	0	3 to 6	60	1.6	---	---	---
E-MV32-02	G430-0.5	74	0.5	3 to 6	19	---	---	---	---
E-MV32-03	G431-0	74	0	>9	39	---	---	---	---
E-MV32-03	G431-0.5	74	0.5	>9	11	---	---	---	---
E-MV32-04	G432-0	74	0	0 to 3	4.7	---	---	---	---
E-MV32-04	G432-0.5	74	0.5	0 to 3	30	---	---	---	---
E-MV32-05	G433-0	74	0	3 to 6	25	---	---	---	---
E-MV32-05	G433-0.5	74	0.5	3 to 6	11	---	---	---	7.7
E-MV32-06	G434-0	74	0	>9	71	1.6	---	---	---
E-MV32-06	G434-0.5	74	0.5	>9	19	---	---	---	---

TABLE 3
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SOL-80 Freeway Performance Initiative Project
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Boring ID	Sample ID	Dataset	Sample Depth (ft)	Distance from EOP (ft)	Total Lead (mg/kg)	WET Lead (mg/l)	DI-WET Lead (mg/l)	TCLP Lead (mg/l)	pH
E-CC30-01	G509-0	75	0	>9	79	5.0	<0.50	---	---
E-CC30-01	G509-0.5	75	0.5	>9	12	---	---	---	---
E-CC30-01	G509-1.5	75	1.5	>9	6.3	---	---	---	---
E-CC30-01	G509-2.5	75	2.5	>9	5.5	---	---	---	7.0
E-CC30-01	G509-3.5	75	3.5	>9	5.8	---	---	---	---
E-CC30-01	G509-4.5	75	4.5	>9	6.6	---	---	---	---
E-CC30-01	G509-5.5	75	5.5	>9	8.3	---	---	---	---
E-CC30-01	G509-6.5	75	6.5	>9	5.1	---	---	---	---
E-NUT-A1	G435-0	76	0	0 to 3	14	---	---	---	6.4
E-NUT-A1	G435-0.5	76	0.5	0 to 3	13	---	---	---	---
E-NUT-A1	G435-1.5	76	1.5	0 to 3	7.9	---	---	---	---
E-NUT-A1	G435-2.5	76	2.5	0 to 3	8.1	---	---	---	---
E-NUT-A2	G436-0	76	0	3 to 6	11	---	---	---	---
E-NUT-A2	G436-0.5	76	0.5	3 to 6	7.6	---	---	---	---
E-NUT-A2	G436-1.5	76	1.5	3 to 6	6.5	---	---	---	---
E-NUT-A2	G436-2.5	76	2.5	3 to 6	5.9	---	---	---	---
E-NUT-A3	G437-0	76	0	6 to 9	16	---	---	---	---
E-NUT-A3	G437-0.5	76	0.5	6 to 9	6.8	---	---	---	6.9
E-NUT-A3	G437-1.5	76	1.5	6 to 9	5.9	---	---	---	---
E-NUT-A3	G437-2.5	76	2.5	6 to 9	5.5	---	---	---	---
E-NUT-A4	G438-0	76	0	>9	9.2	---	---	---	---
E-NUT-A4	G438-0.5	76	0.5	>9	5.7	---	---	---	---
E-NUT-A4	G438-1.5	76	1.5	>9	6.1	---	---	---	---
E-NUT-A4	G438-2.5	76	2.5	>9	5.6	---	---	---	---
E-NUT-B1	G439-0	76	0	0 to 3	13	---	---	---	---
E-NUT-B1	G439-0.5	76	0.5	0 to 3	6.1	---	---	---	---
E-NUT-B1	G439-1.5	76	1.5	0 to 3	8.8	---	---	---	---
E-NUT-B1	G439-2.5	76	2.5	0 to 3	5.2	---	---	---	8.4
E-NUT-B2	G440-0	76	0	3 to 6	8.5	---	---	---	---
E-NUT-B2	G440-0.5	76	0.5	3 to 6	20	---	---	---	---
E-NUT-B2	G440-1.5	76	1.5	3 to 6	8.3	---	---	---	---
E-NUT-B2	G440-2.5	76	2.5	3 to 6	4.9	---	---	---	---
E-NUT-B3	G441-0	76	0	6 to 9	10	---	---	---	---
E-NUT-B3	G441-0.5	76	0.5	6 to 9	5.6	---	---	---	---
E-NUT-B3	G441-1.5	76	1.5	6 to 9	5.7	---	---	---	---
E-NUT-B3	G441-2.5	76	2.5	6 to 9	6.1	---	---	---	---
E-NUT-B4	G442-0	76	0	>9	10	---	---	---	---
E-NUT-B4	G442-0.5	76	0.5	>9	4.1	---	---	---	8.0
E-NUT-B4	G442-1.5	76	1.5	>9	5.3	---	---	---	---
E-NUT-B4	G442-2.5	76	2.5	>9	4.7	---	---	---	---
E-NUT-C1	G443-0	76	0	0 to 3	11	---	---	---	---
E-NUT-C1	G443-0.5	76	0.5	0 to 3	<5.0	---	---	---	---
E-NUT-C1	G443-1.5	76	1.5	0 to 3	5.4	---	---	---	---
E-NUT-C1	G443-2.5	76	2.5	0 to 3	5.3	---	---	---	---
E-NUT-C2	G444-0	76	0	3 to 6	12	---	---	---	---
E-NUT-C2	G444-0.5	76	0.5	3 to 6	7.5	---	---	---	---
E-NUT-C2	G444-1.5	76	1.5	3 to 6	15	---	---	---	---
E-NUT-C2	G444-2.5	76	2.5	3 to 6	5.7	---	---	---	7.7
E-NUT-D1	G445-0	76	0	0 to 3	2.7	---	---	---	---
E-NUT-D1	G445-0.5	76	0.5	0 to 3	5.5	---	---	---	---
E-NUT-D1	G445-1.5	76	1.5	0 to 3	5.4	---	---	---	---
E-NUT-D1	G445-2.5	76	2.5	0 to 3	5.9	---	---	---	---

TABLE 3
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SOL-80 Freeway Performance Initiative Project
Solano County, California

Boring ID	Sample ID	Dataset	Sample Depth (ft)	Distance from EOP (ft)	Total Lead (mg/kg)	WET Lead (mg/l)	DI-WET Lead (mg/l)	TCLP Lead (mg/l)	pH
E-NUT-E1	G446-0	76	0	0 to 3	3.4	---	---	---	---
E-NUT-E1	G446-0.5	76	0.5	0 to 3	5.8	---	---	---	---
E-NUT-E1	G446-1.5	76	1.5	0 to 3	5.6	---	---	---	---
E-NUT-E1	G446-2.5	76	2.5	0 to 3	5.8	---	---	---	---
E-NUT-F1	G447-0	76	0	0 to 3	2.8	---	---	---	---
E-NUT-F1	G447-0.5	76	0.5	0 to 3	9.7	---	---	---	8.0
E-NUT-F1	G447-1.5	76	1.5	0 to 3	5.8	---	---	---	---
E-NUT-F1	G447-2.5	76	2.5	0 to 3	6.2	---	---	---	---
E-NUT-G1	G448-0	76	0	0 to 3	23	---	---	---	---
E-NUT-G1	G448-0.5	76	0.5	0 to 3	1.9	---	---	---	---
E-NUT-G1	G448-1.5	76	1.5	0 to 3	6.9	---	---	---	---
E-NUT-G1	G448-2.5	76	2.5	0 to 3	6.0	---	---	---	---
E-NUT-H1	G449-0	76	0	0 to 3	4.7	---	---	---	---
E-NUT-H1	G449-0.5	76	0.5	0 to 3	3.2	---	---	---	---
E-NUT-H1	G449-1.5	76	1.5	0 to 3	2.1	---	---	---	---
E-NUT-H1	G449-2.5	76	2.5	0 to 3	6.9	---	---	---	7.3
E-NUT-H2	G450-0	76	0	3 to 6	13	---	---	---	---
E-NUT-H2	G450-0.5	76	0.5	3 to 6	2.1	---	---	---	---
E-NUT-H2	G450-1.5	76	1.5	3 to 6	5.5	---	---	---	---
E-NUT-H2	G450-2.5	76	2.5	3 to 6	6.0	---	---	---	---
E-NUT-I1	G451-0	76	0	0 to 3	9.8	---	---	---	---
E-NUT-I1	G451-0.5	76	0.5	0 to 3	1.8	---	---	---	---
E-NUT-I1	G451-1.5	76	1.5	0 to 3	68	<1.0	---	---	---
E-NUT-I1	G451-2.5	76	2.5	0 to 3	1.7	---	---	---	---
E-NUT-I2	G452-0	76	0	3 to 6	10	---	---	---	---
E-NUT-I2	G452-0.5	76	0.5	3 to 6	6.2	---	---	---	9.0
E-NUT-I2	G452-1.5	76	1.5	3 to 6	3.1	---	---	---	---
E-NUT-I2	G452-2.5	76	2.5	3 to 6	1.5	---	---	---	---
E-NUT-I3	G453-0	76	0	6 to 9	7.0	---	---	---	---
E-NUT-I3	G453-0.5	76	0.5	6 to 9	9.0	---	---	---	---
E-NUT-I3	G453-1.5	76	1.5	6 to 9	5.8	---	---	---	---
E-NUT-I3	G453-2.5	76	2.5	6 to 9	7.1	---	---	---	---
E-NUT-I4	G454-0	76	0	>9	7.7	---	---	---	---
E-NUT-I4	G454-0.5	76	0.5	>9	30	---	---	---	---
E-NUT-I4	G454-1.5	76	1.5	>9	18	---	---	---	---
E-NUT-I4	G454-2.5	76	2.5	>9	9.6	---	---	---	7.7
E-NUT-I5	G455-0	76	0	>9	18	---	---	---	---
E-NUT-I5	G455-0.5	76	0.5	>9	8.9	---	---	---	---
E-NUT-I5	G455-1.5	76	1.5	>9	7.2	---	---	---	---
E-NUT-I5	G455-2.5	76	2.5	>9	6.6	---	---	---	---
E-NUT-I6	G456-0	76	0	>9	19	---	---	---	---
E-NUT-I6	G456-0.5	76	0.5	>9	13	---	---	---	---
E-NUT-I6	G456-1.5	76	1.5	>9	11	---	---	---	---
E-NUT-I6	G456-2.5	76	2.5	>9	7.8	---	---	---	---
E-NUT-J1	G457-0	76	0	0 to 3	9.1	---	---	---	---
E-NUT-J1	G457-0.5	76	0.5	0 to 3	3.0	---	---	---	8.9
E-NUT-J1	G457-1.5	76	1.5	0 to 3	1.9	---	---	---	---
E-NUT-J1	G457-2.5	76	2.5	0 to 3	9.5	---	---	---	---
E-NUT-J2	G458-0	76	0	3 to 6	15	---	---	---	---
E-NUT-J2	G458-0.5	76	0.5	3 to 6	15	---	---	---	---
E-NUT-J2	G458-1.5	76	1.5	3 to 6	5.8	---	---	---	---
E-NUT-J2	G458-2.5	76	2.5	3 to 6	11	---	---	---	---

TABLE 3
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SOL-80 Freeway Performance Initiative Project
Solano County, California

Boring ID	Sample ID	Dataset	Sample Depth (ft)	Distance from EOP (ft)	Total Lead (mg/kg)	WET Lead (mg/l)	DI-WET Lead (mg/l)	TCLP Lead (mg/l)	pH
E-NUT-J3	G459-0	76	0	6 to 9	25	---	---	---	---
E-NUT-J3	G459-0.5	76	0.5	6 to 9	11	---	---	---	---
E-NUT-J3	G459-1.5	76	1.5	6 to 9	17	---	---	---	---
E-NUT-J3	G459-2.5	76	2.5	6 to 9	6.9	---	---	---	7.2
E-NUT-J4	G460-0	76	0	>9	54	1.2	---	---	---
E-NUT-J4	G460-0.5	76	0.5	>9	13	---	---	---	---
E-NUT-J4	G460-1.5	76	1.5	>9	13	---	---	---	---
E-NUT-J4	G460-2.5	76	2.5	>9	5.8	---	---	---	---
E-NUT-J5	G461-0	76	0	>9	52	1.1	---	---	---
E-NUT-J5	G461-0.5	76	0.5	>9	13	---	---	---	---
E-NUT-J5	G461-1.5	76	1.5	>9	8.3	---	---	---	---
E-NUT-J5	G461-2.5	76	2.5	>9	6.3	---	---	---	---
E-NUT-J6	G462-0	76	0	>9	44	---	---	---	---
E-NUT-J6	G462-0.5	76	0.5	>9	38	---	---	---	7.2
E-NUT-J6	G462-1.5	76	1.5	>9	13	---	---	---	---
E-NUT-J6	G462-2.5	76	2.5	>9	47	---	---	---	---
E-NUT-K1	G463-0	76	0	0 to 3	3.7	---	---	---	---
E-NUT-K1	G463-0.5	76	0.5	0 to 3	17	---	---	---	---
E-NUT-K1	G463-1.5	76	1.5	0 to 3	110	1.5	---	---	---
E-NUT-K1	G463-2.5	76	2.5	0 to 3	84	2.5	---	---	---
E-NUT-K2	G464-0	76	0	3 to 6	4.0	---	---	---	---
E-NUT-K2	G464-0.5	76	0.5	3 to 6	9.7	---	---	---	---
E-NUT-K2	G464-1.5	76	1.5	3 to 6	92	4.9	---	---	---
E-NUT-K2	G464-2.5	76	2.5	3 to 6	29	---	---	---	---
E-NUT-K3	G465-0	76	0	6 to 9	22	---	---	---	---
E-NUT-K3	G465-0.5	76	0.5	6 to 9	37	---	---	---	7.6
E-NUT-K3	G465-1.5	76	1.5	6 to 9	10	---	---	---	---
E-NUT-K3	G465-2.5	76	2.5	6 to 9	7.5	---	---	---	---
E-NUT-K4	G466-0	76	0	>9	13	---	---	---	---
E-NUT-K4	G466-0.5	76	0.5	>9	88	4.8	---	---	---
E-NUT-K4	G466-1.5	76	1.5	>9	7.9	---	---	---	---
E-NUT-K4	G466-2.5	76	2.5	>9	8.6	---	---	---	---
E-NUT-K5	G467-0	76	0	>9	19	---	---	---	---
E-NUT-K5	G467-0.5	76	0.5	>9	80	0.88	---	---	---
E-NUT-K5	G467-1.5	76	1.5	>9	18	---	---	---	---
E-NUT-K5	G467-2.5	76	2.5	>9	6.2	---	---	---	7.6
E-NUT-K6	G468-0	76	0	>9	13	---	---	---	---
E-NUT-K6	G468-0.5	76	0.5	>9	13	---	---	---	---
E-NUT-K6	G468-1.5	76	1.5	>9	5.9	---	---	---	---
E-NUT-K6	G468-2.5	76	2.5	>9	11	---	---	---	---
E-NUT-L1	G510-0	76	0	0 to 3	4.3	---	---	---	---
E-NUT-L1	G510-0.5	76	0.5	0 to 3	33	---	---	---	---
E-NUT-L1	G510-1.5	76	1.5	0 to 3	130	1.8	---	---	---
E-NUT-L1	G510-2.5	76	2.5	0 to 3	10	---	---	---	---
E-NUT-L2	G511-0	76	0	3 to 6	3.6	---	---	---	---
E-NUT-L2	G511-0.5	76	0.5	3 to 6	19	---	---	---	---
E-NUT-L2	G511-1.5	76	1.5	3 to 6	21	---	---	---	---
E-NUT-L2	G511-2.5	76	2.5	3 to 6	9.7	---	---	---	7.2
E-NUT-L3	G512-0	76	0	6 to 9	15	---	---	---	---
E-NUT-L3	G512-0.5	76	0.5	6 to 9	6.3	---	---	---	---
E-NUT-L3	G512-1.5	76	1.5	6 to 9	60	2.0	---	---	---
E-NUT-L3	G512-2.5	76	2.5	6 to 9	8.2	---	---	---	---

TABLE 3
Summary of Lead and pH Results
SOL-80 Freeway Performance Initiative Project
Solano County, California

Boring ID	Sample ID	Dataset	Sample Depth (ft)	Distance from EOP (ft)	Total Lead (mg/kg)	WET Lead (mg/l)	DI-WET Lead (mg/l)	TCLP Lead (mg/l)	pH
E-NUT-L4	G513-0	76	0	>9	18	---	---	---	---
E-NUT-L4	G513-0.5	76	0.5	>9	14	---	---	---	7.1
E-NUT-L4	G513-1.5	76	1.5	>9	7.2	---	---	---	---
E-NUT-L4	G513-2.5	76	2.5	>9	5.9	---	---	---	---
E-NUT-M1	G514-0	76	0	0 to 3	3.0	---	---	---	---
E-NUT-M1	G514-0.5	76	0.5	0 to 3	11	---	---	---	8.4
E-NUT-M1	G514-1.5	76	1.5	0 to 3	3.2	---	---	---	---
E-NUT-M1	G514-2.5	76	2.5	0 to 3	10	---	---	---	---
E-NUT-M2	G515-0	76	0	3 to 6	10	---	---	---	---
E-NUT-M2	G515-0.5	76	0.5	3 to 6	17	---	---	---	---
E-NUT-M2	G515-1.5	76	1.5	3 to 6	70	2.6	---	---	---
E-NUT-M2	G515-2.5	76	2.5	3 to 6	11	---	---	---	---
E-NUT-M3	G516-0	76	0	6 to 9	7.1	---	---	---	---
E-NUT-M3	G516-0.5	76	0.5	6 to 9	95	3.7	---	---	---
E-NUT-M3	G516-1.5	76	1.5	6 to 9	21	---	---	---	---
E-NUT-M3	G516-2.5	76	2.5	6 to 9	6.4	---	---	---	---
E-NUT-M4	G517-0	76	0	>9	33	---	---	---	---
E-NUT-M4	G517-0.5	76	0.5	>9	99	6.7	<0.50	---	---
E-NUT-M4	G517-1.5	76	1.5	>9	150	5.5	<0.50	---	---
E-NUT-M4	G517-2.5	76	2.5	>9	85	2.5	---	---	---
E-NUT-N1	G518-0	76	0	0 to 3	4.7	---	---	---	---
E-NUT-N1	G518-0.5	76	0.5	0 to 3	2.5	---	---	---	---
E-NUT-N1	G518-1.5	76	1.5	0 to 3	120	8.1	<0.50	---	---
E-NUT-N1	G518-2.5	76	2.5	0 to 3	30	---	---	---	7.1
E-NUT-N2	G519-0	76	0	6 to 9	16	---	---	---	---
E-NUT-N2	G519-0.5	76	0.5	6 to 9	33	---	---	---	---
E-NUT-N2	G519-1.5	76	1.5	6 to 9	130	14	<0.50	---	---
E-NUT-N2	G519-2.5	76	2.5	6 to 9	13	---	---	---	---
E-NUT-O1	G520-0	76	0	0 to 3	9.8	---	---	---	---
E-NUT-O1	G520-0.5	76	0.5	0 to 3	3.5	---	---	---	---
E-NUT-O1	G520-1.5	76	1.5	0 to 3	430	18	---	<0.50	---
E-NUT-O1	G520-2.5	76	2.5	0 to 3	20	---	---	---	---
E-NUT-P1	G521-0	76	0	0 to 3	2.7	---	---	---	---
E-NUT-P1	G521-0.5	76	0.5	0 to 3	5.5	---	---	---	8.2
E-NUT-P1	G521-1.5	76	1.5	0 to 3	9.7	---	---	---	---
E-NUT-P1	G521-2.5	76	2.5	0 to 3	250	5.1	<0.50	---	---
				Hazardous Waste Criteria					
				TTLC (mg/kg)	1,000	---	---	---	---
				STLC (mg/l)	---	5.0	---	---	---
				TCLP (mg/l)	---	---	---	5.0	---

Notes:
mg/kg = Milligrams per kilogram
mg/l = Milligrams per liter
--- = Not analyzed or no standard
< = Not detected above the laboratory reporting limit
WET = Waste Extraction Test using citric acid as the extraction fluid
DI-WET = Waste Extraction Test using deionized water as the extraction fluid
TCLP = Toxicity Characteristic Leaching Procedure
TTLC = Total Threshold Limit Concentration
STLC = Soluble Threshold Limit Concentration
EOP = Edge of Pavement

TABLE 4
Summary of CAM 17 Metals Results
SOL-80 Freeway Performance Initiative Project
Solano County, California

Boring ID	Sample ID	Dataset	Sample Depth (ft)	Distance from EOP (ft)	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Mercury	Molybdenum	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
W-R37-A1	G15-0	5	0	0 to 3	<2.0	<1.0	48	<1.0	<1.0	22	15	30	28	2.0	<1.0	26	<1.0	<1.0	<1.0	83	46
W-R37-A1	G15-0.5	5	0.5	0 to 3	<2.0	2.5	38	<1.0	<1.0	28	8.3	17	4.7	0.89	<1.0	32	<1.0	<1.0	<1.0	37	25
W-R37-A1	G15-1.5	5	1.5	0 to 3	<2.0	<1.0	49	<1.0	<1.0	17	10	19	11	1.4	<1.0	20	<1.0	<1.0	<1.0	58	37
W-R37-A1	G15-2.5	5	2.5	0 to 3	<2.0	1.9	42	<1.0	<1.0	29	10	19	7.6	2.0	<1.0	30	<1.0	<1.0	<1.0	57	33
W-R37-B1	G16-0	5	0	0 to 3	<2.0	<1.0	32	<1.0	<1.0	14	13	33	27	0.67	<1.0	22	<1.0	<1.0	<1.0	82	76
W-R37-B1	G16-0.5	5	0.5	0 to 3	<2.0	1.6	38	<1.0	<1.0	20	11	21	26	1.5	<1.0	26	<1.0	<1.0	<1.0	68	38
W-R37-B1	G16-1.5	5	1.5	0 to 3	<2.0	1.8	42	<1.0	<1.0	22	11	23	25	1.2	<1.0	26	<1.0	<1.0	<1.0	60	33
W-R37-B1	G16-2.5	5	2.5	0 to 3	<2.0	2.5	44	<1.0	<1.0	19	13	22	1.3	1.8	<1.0	24	<1.0	<1.0	<1.0	66	31
W-R37-C1	G17-0	5	0	0 to 3	<2.0	<1.0	23	<1.0	<1.0	14	14	29	14	28	<1.0	26	<1.0	<1.0	<1.0	97	44
W-R37-C1	G17-0.5	5	0.5	0 to 3	<2.0	<1.0	40	<1.0	<1.0	14	15	34	<1.0	1.3	<1.0	14	<1.0	<1.0	<1.0	100	42
W-R37-C1	G17-1.5	5	1.5	0 to 3	<2.0	1.5	37	<1.0	<1.0	26	7.3	11	1.4	0.35	<1.0	30	<1.0	<1.0	<1.0	35	21
W-R37-C1	G17-2.5	5	2.5	0 to 3	<2.0	<1.0	43	<1.0	<1.0	21	10	14	1.1	1.1	<1.0	27	<1.0	<1.0	<1.0	55	28
W-R37-C2	G18-0	5	0	3 to 6	<2.0	1.6	40	<1.0	<1.0	18	13	28	36	2.3	<1.0	22	<1.0	<1.0	<1.0	79	54
W-R37-C2	G18-0.5	5	0.5	3 to 6	<2.0	1.7	46	<1.0	<1.0	23	9.1	17	1.8	0.64	<1.0	25	<1.0	<1.0	<1.0	44	25
W-R37-C2	G18-1.5	5	1.5	3 to 6	<2.0	2.0	45	<1.0	<1.0	23	11	18	15	1.1	<1.0	24	<1.0	<1.0	<1.0	67	32
W-R37-C2	G18-2.5	5	2.5	3 to 6	<2.0	2.6	48	<1.0	<1.0	17	14	20	1.7	2.1	<1.0	19	<1.0	<1.0	<1.0	72	34
W-R37-D1	G19-0	5	0	0 to 3	<2.0	<1.0	25	<1.0	<1.0	12	14	29	36	3.5	<1.0	22	<1.0	<1.0	<1.0	81	43
W-R37-D1	G19-0.5	5	0.5	0 to 3	<2.0	<1.0	48	<1.0	<1.0	12	17	30	<1.0	7.8	<1.0	14	<1.0	<1.0	<1.0	88	38
W-R37-D1	G19-1.5	5	1.5	0 to 3	<2.0	<1.0	38	<1.0	<1.0	44	11	16	<1.0	1.4	<1.0	32	<1.0	<1.0	<1.0	58	27
W-R37-D1	G19-2.5	5	2.5	0 to 3	<2.0	2.3	47	<1.0	<1.0	21	12	18	1.4	1.0	<1.0	26	<1.0	<1.0	<1.0	56	30
W-R37-D2	G20-0	5	0	3 to 6	<2.0	2.1	46	<1.0	<1.0	17	12	34	25	1.1	<1.0	22	<1.0	<1.0	<1.0	70	100
W-R37-D2	G20-0.5	5	0.5	3 to 6	<2.0	1.3	48	<1.0	<1.0	21	8.7	13	5.3	1.5	<1.0	28	<1.0	<1.0	<1.0	49	27
W-R37-D2	G20-1.5	5	1.5	3 to 6	<2.0	1.7	47	<1.0	<1.0	19	12	21	25	4.8	<1.0	24	<1.0	<1.0	<1.0	65	37
W-R37-D2	G20-2.5	5	2.5	3 to 6	<2.0	1.7	42	<1.0	<1.0	27	11	18	29	1.7	<1.0	29	<1.0	<1.0	<1.0	55	30
W-R37-E1	G21-0	5	0	0 to 3	<2.0	1.7	36	<1.0	<1.0	16	11	25	13	1.8	<1.0	22	<1.0	<1.0	<1.0	67	39
W-R37-E1	G21-0.5	5	0.5	0 to 3	<2.0	<1.0	71	<1.0	<1.0	12	17	35	<1.0	1.9	<1.0	18	<1.0	<1.0	<1.0	100	47
W-R37-E1	G21-1.5	5	1.5	0 to 3	<2.0	1.6	45	<1.0	<1.0	25	7.2	9.0	1.5	0.28	<1.0	30	<1.0	<1.0	<1.0	28	19
W-R37-E1	G21-2.5	5	2.5	0 to 3	<2.0	1.9	53	<1.0	<1.0	28	6.3	8.5	1.8	0.11	<1.0	31	<1.0	<1.0	<1.0	27	18
W-R37-E2	G22-0	5	0	3 to 6	<2.0	2.0	47	<1.0	<1.0	19	11	17	4.4	1.3	<1.0	25	<1.0	<1.0	<1.0	49	28
W-R37-E2	G22-0.5	5	0.5	3 to 6	<2.0	1.2	43	<1.0	<1.0	23	11	18	8.7	2.7	<1.0	28	<1.0	<1.0	<1.0	62	32
W-R37-E2	G22-1.5	5	1.5	3 to 6	<2.0	1.4	45	<1.0	<1.0	21	6.7	11	2.5	0.20	<1.0	25	<1.0	<1.0	<1.0	31	20
W-R37-E2	G22-2.5	5	2.5	3 to 6	<2.0	1.6	45	<1.0	<1.0	24	5.4	7.7	1.6	0.20	<1.0	29	<1.0	<1.0	<1.0	22	17
W-R37-F1	G23-0	5	0	0 to 3	<2.0	<1.0	7.3	<1.0	<1.0	6.8	12	20	<1.0	0.40	<1.0	18	<1.0	<1.0	<1.0	97	40
W-R37-F1	G23-0.5	5	0.5	0 to 3	<2.0	<1.0	73	<1.0	<1.0	13	15	31	<1.0	6.3	<1.0	15	<1.0	<1.0	<1.0	100	42
W-R37-F1	G23-1.5	5	1.5	0 to 3	<2.0	<1.0	13	<1.0	<1.0	10	19	36	<1.0	0.49	<1.0	11	<1.0	<1.0	<1.0	140	50
W-R37-F1	G23-2.5	5	2.5	0 to 3	<2.0	<1.0	14	<1.0	<1.0	9.8	17	34	<1.0	0.98	<1.0	11	<1.0	<1.0	<1.0	130	48

TABLE 4
Summary of CAM 17 Metals Results
SOL-80 Freeway Performance Initiative Project
Solano County, California

Boring ID	Sample ID	Dataset	Sample Depth (ft)	Distance from EOP (ft)	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Mercury	Molybdenum	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
W-R37-F2	G24-0	5	0	6 to 9	<2.0	<1.0	34	<1.0	<1.0	15	15	36	36	1.1	<1.0	15	<1.0	<1.0	<1.0	120	69
W-R37-F2	G24-0.5	5	0.5	6 to 9	<2.0	<1.0	24	<1.0	<1.0	12	17	40	29	1.6	<1.0	13	<1.0	<1.0	<1.0	130	51
W-R37-F2	G24-1.5	5	1.5	6 to 9	<2.0	<1.0	19	<1.0	<1.0	10	15	31	5.9	1.1	<1.0	11	<1.0	<1.0	<1.0	120	45
W-R37-F2	G24-2.5	5	2.5	6 to 9	<2.0	<1.0	27	<1.0	<1.0	11	18	38	6.3	2.3	<1.0	13	<1.0	<1.0	<1.0	130	52
W-R37-G1	G33-0	5	0	0 to 3	<2.0	<1.0	12	<1.0	<1.0	7.3	12	23	2.5	1.7	<1.0	16	<1.0	<1.0	<1.0	82	38
W-R37-G1	G33-0.5	5	0.5	0 to 3	<2.0	<1.0	27	<1.0	<1.0	14	14	31	<1.0	2.9	<1.0	11	<1.0	<1.0	<1.0	97	38
W-R37-G1	G33-1.5	5	1.5	0 to 3	<2.0	<1.0	20	<1.0	<1.0	9.7	17	30	<1.0	7.8	<1.0	13	<1.0	<1.0	<1.0	100	44
W-R37-G1	G33-2.5	5	2.5	0 to 3	<2.0	<1.0	13	<1.0	<1.0	11	16	36	<1.0	0.27	<1.0	11	<1.0	<1.0	<1.0	110	47
W-R37-H1	G36-0	5	0	0 to 3	<2.0	<1.0	6.9	<1.0	<1.0	6.3	11	22	<1.0	0.89	<1.0	16	<1.0	<1.0	<1.0	82	36
W-R37-H1	G36-0.5	5	0.5	0 to 3	<2.0	<1.0	78	<1.0	<1.0	11	13	27	<1.0	1.2	<1.0	13	<1.0	<1.0	<1.0	93	40
W-R37-H1	G36-1.5	5	1.5	0 to 3	<2.0	<1.0	11	<1.0	<1.0	9.8	17	31	<1.0	0.72	<1.0	10	<1.0	<1.0	<1.0	130	44
W-R37-H1	G36-2.5	5	2.5	0 to 3	<2.0	<1.0	8.2	<1.0	<1.0	7.7	16	32	<1.0	0.81	<1.0	9.4	<1.0	<1.0	<1.0	130	46
W-R37-H2	G37-0	5	0	6 to 9	<2.0	8.5	200	<1.0	<1.0	35	18	60	8.9	<0.10	<1.0	53	<1.0	<1.0	<1.0	42	82
W-R37-H2	G37-0.5	5	0.5	6 to 9	<2.0	7.2	250	<1.0	<1.0	31	19	46	11	<0.10	<1.0	52	<1.0	<1.0	<1.0	30	71
W-R37-H2	G37-1.5	5	1.5	6 to 9	<2.0	5.6	200	<1.0	<1.0	31	16	45	7.9	<0.10	<1.0	49	<1.0	<1.0	<1.0	36	67
W-R37-H2	G37-2.5	5	2.5	6 to 9	<2.0	5.0	210	<1.0	<1.0	28	15	43	6.5	<0.10	<1.0	40	<1.0	<1.0	<1.0	31	64
W-R37-I1	G40-0	5	0	0 to 3	<2.0	<1.0	26	<1.0	<1.0	11	14	25	13	0.58	<1.0	21	<1.0	<1.0	<1.0	91	47
W-R37-I1	G40-0.5	5	0.5	0 to 3	<2.0	<1.0	88	<1.0	<1.0	11	15	32	<1.0	4.2	<1.0	15	<1.0	<1.0	<1.0	110	43
W-R37-I1	G40-1.5	5	1.5	0 to 3	<2.0	<1.0	12	<1.0	<1.0	8.5	16	28	<1.0	1.3	<1.0	10	<1.0	<1.0	<1.0	130	47
W-R37-I1	G40-2.5	5	2.5	0 to 3	<2.0	<1.0	10	<1.0	<1.0	7.6	16	30	<1.0	1.3	<1.0	10	<1.0	<1.0	<1.0	130	48
W-R37-I2	G41-0	5	0	3 to 6	<2.0	<1.0	5.9	<1.0	<1.0	5.5	10	24	<1.0	0.15	<1.0	8.1	<1.0	<1.0	<1.0	77	39
W-R37-I2	G41-0.5	5	0.5	3 to 6	<2.0	6.3	240	<1.0	<1.0	35	19	53	8.6	<0.10	<1.0	50	<1.0	<1.0	<1.0	42	76
W-R37-I2	G41-1.5	5	1.5	3 to 6	<10	12	240	<5.0	<5.0	33	17	56	7.4	<0.10	<5.0	53	<5.0	<5.0	<5.0	35	77
W-R37-I2	G41-2.5	5	2.5	3 to 6	<2.0	9.4	200	<1.0	<1.0	37	15	47	7.1	<0.10	<1.0	44	<1.0	<1.0	<1.0	34	76
W-R37-I3	G42-0	5	0	6 to 9	<2.0	<1.0	27	<1.0	<1.0	11	12	32	3.5	0.34	<1.0	14	<1.0	<1.0	<1.0	96	57
W-R37-I3	G42-0.5	5	0.5	6 to 9	<2.0	7.9	300	<1.0	<1.0	43	23	57	8.9	0.12	<1.0	62	<1.0	<1.0	<1.0	48	92
W-R37-I3	G42-1.5	5	1.5	6 to 9	<2.0	8.5	310	<1.0	<1.0	41	18	60	9.7	<0.10	<1.0	55	<1.0	<1.0	<1.0	45	89
W-R37-I3	G42-2.5	5	2.5	6 to 9	<2.0	10	510	<1.0	<1.0	38	20	54	8.7	<0.10	<1.0	52	<1.0	<1.0	<1.0	41	77
W-R37-I4	G43-0	5	0	>9	<2.0	8.4	220	<1.0	<1.0	44	19	62	7.3	<0.10	<1.0	58	<1.0	<1.0	<1.0	44	89
W-R37-I4	G43-0.5	5	0.5	>9	<2.0	7.3	280	<1.0	<1.0	36	16	50	10	<0.10	<1.0	51	<1.0	<1.0	<1.0	38	77
W-R37-I4	G43-1.5	5	1.5	>9	<2.0	9.3	210	<1.0	<1.0	45	17	63	8.6	<0.10	<1.0	57	<1.0	<1.0	<1.0	51	92
W-R37-I4	G43-2.5	5	2.5	>9	<2.0	7.0	190	<1.0	<1.0	40	17	58	8.1	<0.10	<1.0	53	<1.0	<1.0	<1.0	42	84
W-R37-I5	G44-0	5	0	>9	<2.0	6.9	190	<1.0	<1.0	41	13	61	7.7	<0.10	<1.0	51	<1.0	<1.0	<1.0	42	87
W-R37-I5	G44-0.5	5	0.5	>9	<2.0	8.0	220	<1.0	<1.0	44	19	59	7.5	<0.10	<1.0	57	<1.0	<1.0	<1.0	44	88
W-R37-I5	G44-1.5	5	1.5	>9	<2.0	8.8	240	<1.0	<1.0	41	19	64	9.4	<0.10	<1.0	55	<1.0	<1.0	<1.0	46	85
W-R37-I5	G44-2.5	5	2.5	>9	<2.0	8.9	210	<1.0	<1.0	40	16	57	8.8	<0.10	<1.0	49	<1.0	<1.0	<1.0	45	75

TABLE 4
Summary of CAM 17 Metals Results
SOL-80 Freeway Performance Initiative Project
Solano County, California

Boring ID	Sample ID	Dataset	Sample Depth (ft)	Distance from EOP (ft)	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Mercury	Molybdenum	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
W-R37-J1	G47-0	5	0	0 to 3	<2.0	<1.0	25	<1.0	<1.0	13	20	40	4.9	2.8	<1.0	15	<1.0	<1.0	<1.0	120	66
W-R37-J1	G47-0.5	5	0.5	0 to 3	<2.0	<1.0	26	<1.0	<1.0	14	18	48	<1.0	5.3	<1.0	12	<1.0	<1.0	<1.0	120	48
W-R37-J1	G47-1.5	5	1.5	0 to 3	<2.0	<1.0	10	<1.0	<1.0	12	20	37	<1.0	0.13	<1.0	13	<1.0	<1.0	<1.0	150	51
W-R37-J1	G47-2.5	5	2.5	0 to 3	<2.0	<1.0	15	<1.0	<1.0	11	18	29	<1.0	0.76	<1.0	12	<1.0	<1.0	<1.0	130	50
W-R37-J2	G48-0	5	0	3 to 6	<2.0	<1.0	14	<1.0	<1.0	8.7	17	31	<1.0	0.14	<1.0	11	<1.0	<1.0	<1.0	110	59
W-R37-J2	G48-0.5	5	0.5	3 to 6	<2.0	<1.0	98	<1.0	<1.0	13	15	35	<1.0	5.3	<1.0	16	<1.0	<1.0	<1.0	130	48
W-R37-J2	G48-1.5	5	1.5	3 to 6	<2.0	9.3	160	<1.0	<1.0	37	17	51	8.1	<0.10	<1.0	49	<1.0	<1.0	<1.0	42	76
W-R37-J2	G48-2.5	5	2.5	3 to 6	<2.0	9.2	330	<1.0	<1.0	39	21	61	9.7	<0.10	<1.0	59	<1.0	<1.0	<1.0	42	85
W-R37-J3	G49-0	5	0	6 to 9	<2.0	7.7	190	<1.0	<1.0	40	16	53	8.6	<0.10	<1.0	45	<1.0	<1.0	<1.0	50	69
W-R37-J3	G49-0.5	5	0.5	6 to 9	<20	20	1,000	<10	<10	40	23	53	11	<0.10	<10	58	<10	<10	<10	42	92
W-R37-J3	G49-1.5	5	1.5	6 to 9	<2.0	6.2	160	<1.0	<1.0	40	15	58	7.8	<0.10	<1.0	54	<1.0	<1.0	<1.0	41	84
W-R37-J3	G49-2.5	5	2.5	6 to 9	<2.0	5.9	220	<1.0	<1.0	35	16	50	7.0	<0.10	<1.0	51	<1.0	<1.0	<1.0	37	74
W-R37-K1	G52-0	5	0	0 to 3	<2.0	3.9	80	<1.0	<1.0	20	9.5	29	31	0.28	<1.0	25	<1.0	<1.0	<1.0	54	55
W-R37-K1	G52-0.5	5	0.5	0 to 3	<2.0	12	220	<1.0	<1.0	38	15	43	8.3	1.2	<1.0	60	<1.0	<1.0	<1.0	53	60
W-R37-K1	G52-1.5	5	1.5	0 to 3	<2.0	<1.0	24	<1.0	<1.0	12	13	27	<1.0	1.9	<1.0	14	<1.0	<1.0	<1.0	110	36
W-R37-K1	G52-2.5	5	2.5	0 to 3	<2.0	10	240	<1.0	<1.0	34	13	37	6.1	0.52	<1.0	58	<1.0	<1.0	<1.0	47	51
W-R37-K2	G53-0	5	0	3 to 6	<2.0	3.4	79	<1.0	<1.0	25	16	40	28	0.59	<1.0	28	<1.0	<1.0	<1.0	97	85
W-R37-K2	G53-0.5	5	0.5	3 to 6	<2.0	1.8	77	<1.0	<1.0	21	13	36	31	0.44	<1.0	25	<1.0	<1.0	<1.0	87	70
W-R37-K2	G53-1.5	5	1.5	3 to 6	<2.0	3.3	75	<1.0	<1.0	17	11	29	27	0.71	<1.0	26	<1.0	<1.0	<1.0	60	58
W-R37-K2	G53-2.5	5	2.5	3 to 6	<2.0	7.6	120	<1.0	<1.0	32	12	34	16	0.33	<1.0	51	<1.0	<1.0	<1.0	53	55
W-R37-K3	G54-0	5	0	>9	<2.0	8.1	140	<1.0	<1.0	25	14	42	45	0.17	<1.0	35	<1.0	<1.0	<1.0	52	98
W-R37-K3	G54-0.5	5	0.5	>9	<2.0	7.2	160	<1.0	<1.0	31	13	40	88	0.10	<1.0	40	<1.0	<1.0	<1.0	40	65
W-R37-K3	G54-1.5	5	1.5	>9	<2.0	12	300	<1.0	<1.0	6.7	7.1	13	36	<0.10	<1.0	19	<1.0	<1.0	<1.0	8.7	29
W-R37-K3	G54-2.5	5	2.5	>9	<2.0	7.7	150	<1.0	<1.0	32	13	37	11	0.45	<1.0	46	<1.0	<1.0	<1.0	43	57
W-R37-K4	G55-0	5	0	>9	<2.0	4.1	120	<1.0	<1.0	42	15	53	16	<0.10	<1.0	54	<1.0	<1.0	<1.0	45	82
W-R37-K4	G55-0.5	5	0.5	>9	<2.0	12	350	<1.0	<1.0	7.3	5.4	14	40	<0.10	<1.0	13	<1.0	<1.0	<1.0	10	47
W-R37-K4	G55-1.5	5	1.5	>9	<2.0	9.5	270	<1.0	<1.0	17	8.9	29	130	0.10	<1.0	27	<1.0	<1.0	<1.0	22	79
W-R37-K4	G55-2.5	5	2.5	>9	<2.0	11	230	<1.0	<1.0	49	14	33	15	<0.10	<1.0	51	<1.0	<1.0	<1.0	58	55
W-R37-L1	G56-0	5	0	0 to 3	<2.0	2.4	110	<1.0	<1.0	28	12	59	94	0.46	1.9	28	<1.0	<1.0	<1.0	79	190
W-R37-L1	G56-0.5	5	0.5	0 to 3	<2.0	<1.0	27	<1.0	<1.0	17	22	41	<1.0	1.2	<1.0	15	<1.0	<1.0	<1.0	130	50
W-R37-L1	G56-1.5	5	1.5	0 to 3	<2.0	<1.0	95	<1.0	<1.0	12	12	22	<1.0	1.2	<1.0	13	<1.0	<1.0	<1.0	100	39
W-R37-L1	G56-2.5	5	2.5	0 to 3	<2.0	<1.0	10	<1.0	<1.0	11	16	35	<1.0	0.36	<1.0	11	<1.0	<1.0	<1.0	140	51
W-R37-L2	G57-0	5	0	3 to 6	<10	<5.0	18	<5.0	<5.0	<5.0	9.2	<10	<5.0	<0.10	<5.0	<5.0	<5.0	<5.0	<5.0	71	34
W-R37-L2	G57-0.5	5	0.5	3 to 6	<2.0	5.7	60	<1.0	<1.0	39	6.6	41	4.6	<0.10	<1.0	43	<1.0	<1.0	<1.0	35	64
W-R37-L2	G57-1.5	5	1.5	3 to 6	<2.0	3.0	44	<1.0	<1.0	42	13	28	81	0.10	<1.0	43	<1.0	<1.0	<1.0	26	36
W-R37-L2	G57-2.5	5	2.5	3 to 6	<2.0	5.3	160	<1.0	<1.0	24	10	28	49	0.24	<1.0	40	<1.0	<1.0	<1.0	32	54

TABLE 4
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SOL-80 Freeway Performance Initiative Project
Solano County, California

Boring ID	Sample ID	Dataset	Sample Depth (ft)	Distance from EOP (ft)	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Mercury	Molybdenum	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
W-R37-L3	G58-0	5	0	6 to 9	<2.0	2.5	120	<1.0	<1.0	19	15	39	14	0.57	<1.0	30	<1.0	<1.0	<1.0	88	90
W-R37-L3	G58-0.5	5	0.5	6 to 9	<2.0	6.9	160	<1.0	<1.0	36	16	45	25	<0.10	<1.0	49	<1.0	<1.0	<1.0	41	65
W-R37-L3	G58-1.5	5	1.5	6 to 9	<2.0	7.8	100	<1.0	<1.0	39	17	50	140	<0.10	<1.0	47	<1.0	<1.0	<1.0	50	67
W-R37-L3	G58-2.5	5	2.5	6 to 9	<10	8.5	230	<5.0	<5.0	31	13	27	210	0.23	<5.0	46	<5.0	<5.0	<5.0	38	73
W-R37-L4	G59-0	5	0	>9	<2.0	2.3	190	<1.0	<1.0	18	17	38	28	0.20	<1.0	30	<1.0	<1.0	<1.0	100	89
W-R37-L4	G59-0.5	5	0.5	>9	<2.0	7.8	130	<1.0	<1.0	30	13	38	71	0.41	<1.0	44	<1.0	<1.0	<1.0	43	70
W-R37-L4	G59-1.5	5	1.5	>9	<2.0	8.4	95	<1.0	<1.0	28	13	37	17	<0.10	<1.0	35	<1.0	<1.0	<1.0	39	56
W-R37-L4	G59-2.5	5	2.5	>9	<2.0	9.8	220	<1.0	<1.0	34	16	37	160	0.68	<1.0	57	<1.0	<1.0	<1.0	49	66
W-R37-M1	G60-0	5	0	0 to 3	<2.0	1.9	59	<1.0	<1.0	14	23	38	12	0.42	<1.0	23	<1.0	<1.0	<1.0	110	95
W-R37-M1	G60-0.5	5	0.5	0 to 3	<2.0	<1.0	20	<1.0	<1.0	11	23	47	3.3	0.88	<1.0	11	<1.0	<1.0	<1.0	130	56
W-R37-M1	G60-1.5	5	1.5	0 to 3	<2.0	<1.0	24	<1.0	<1.0	17	15	35	2.6	1.1	<1.0	13	<1.0	<1.0	<1.0	110	43
W-R37-M1	G60-2.5	5	2.5	0 to 3	<2.0	<1.0	7.9	<1.0	<1.0	10	18	32	<1.0	<0.10	<1.0	11	<1.0	<1.0	<1.0	140	46
W-R37-M2	G61-0	5	0	3 to 6	<2.0	2.1	150	<1.0	<1.0	23	12	47	670	0.47	<1.0	33	<1.0	<1.0	<1.0	80	200
W-R37-M2	G61-0.5	5	0.5	3 to 6	<2.0	<1.0	27	<1.0	<1.0	15	18	35	<1.0	0.97	<1.0	14	<1.0	<1.0	<1.0	120	46
W-R37-M2	G61-1.5	5	1.5	3 to 6	<2.0	5.2	65	<1.0	<1.0	31	14	42	100	<0.10	<1.0	38	<1.0	<1.0	<1.0	40	45
W-R37-M2	G61-2.5	5	2.5	3 to 6	<2.0	2.4	60	<1.0	<1.0	33	6.4	13	42	<0.10	<1.0	52	<1.0	<1.0	<1.0	24	25
W-R37-M3	G62-0	5	0	6 to 9	<2.0	5.5	98	<1.0	<1.0	28	12	37	26	<0.10	<1.0	37	<1.0	<1.0	<1.0	35	56
W-R37-M3	G62-0.5	5	0.5	6 to 9	<2.0	4.8	81	<1.0	<1.0	22	9.2	30	23	0.20	<1.0	33	<1.0	<1.0	<1.0	27	45
W-R37-M3	G62-1.5	5	1.5	6 to 9	<2.0	8.5	120	<1.0	<1.0	39	17	48	87	<0.10	<1.0	47	<1.0	<1.0	<1.0	44	63
W-R37-M3	G62-2.5	5	2.5	6 to 9	<2.0	8.1	130	<1.0	<1.0	28	11	33	33	0.17	<1.0	46	<1.0	<1.0	<1.0	37	53
W-R37-M4	G63-0	5	0	>9	<2.0	4.9	110	<1.0	<1.0	39	13	42	97	0.19	<1.0	50	<1.0	<1.0	<1.0	41	65
W-R37-M4	G63-0.5	5	0.5	>9	<2.0	5.6	510	<1.0	<1.0	23	12	34	89	0.16	<1.0	43	1.0	<1.0	1.3	32	51
W-R37-M4	G63-1.5	5	1.5	>9	<2.0	5.6	110	<1.0	<1.0	27	12	33	70	0.50	<1.0	40	<1.0	<1.0	<1.0	35	51
W-R37-M4	G63-2.5	5	2.5	>9	<2.0	5.0	100	<1.0	<1.0	37	15	44	82	0.22	<1.0	46	<1.0	<1.0	<1.0	42	49
W-R37-N1	G64-0	5	0	0 to 3	<2.0	3.0	85	<1.0	<1.0	21	11	40	420	0.78	<1.0	26	<1.0	<1.0	<1.0	72	140
W-R37-N1	G64-0.5	5	0.5	0 to 3	<2.0	<1.0	14	<1.0	<1.0	12	15	39	<1.0	1.7	<1.0	11	<1.0	<1.0	<1.0	130	46
W-R37-N1	G64-1.5	5	1.5	0 to 3	<2.0	<1.0	9.9	<1.0	<1.0	12	24	50	<1.0	0.19	<1.0	13	<1.0	<1.0	<1.0	170	51
W-R37-N1	G64-2.5	5	2.5	0 to 3	<2.0	1.1	9.9	<1.0	<1.0	8.1	16	26	<1.0	0.90	<1.0	10	<1.0	<1.0	<1.0	140	46
W-R37-N2	G65-0	5	0	3 to 6	<2.0	3.7	88	<1.0	<1.0	28	13	81	690	0.63	<1.0	34	<1.0	<1.0	<1.0	77	140
W-R37-N2	G65-0.5	5	0.5	3 to 6	<2.0	5.1	83	<1.0	<1.0	23	10	30	86	0.12	<1.0	31	<1.0	<1.0	<1.0	27	45
W-R37-N2	G65-1.5	5	1.5	3 to 6	<2.0	5.4	150	<1.0	<1.0	24	16	32	39	0.26	<1.0	45	<1.0	<1.0	<1.0	30	48
W-R37-N2	G65-2.5	5	2.5	3 to 6	<2.0	4.0	77	<1.0	<1.0	30	13	35	280	0.13	<1.0	43	<1.0	<1.0	<1.0	33	60
W-R37-N3	G66-0	5	0	>9	<2.0	5.3	130	<1.0	<1.0	27	12	48	94	0.17	<1.0	39	<1.0	<1.0	<1.0	44	140
W-R37-N3	G66-0.5	5	0.5	>9	<2.0	8.8	100	<1.0	<1.0	36	14	52	59	<0.10	<1.0	45	<1.0	<1.0	<1.0	41	61
W-R37-N3	G66-1.5	5	1.5	>9	<2.0	4.0	79	<1.0	<1.0	30	15	38	51	<0.10	<1.0	37	<1.0	<1.0	<1.0	44	46
W-R37-N3	G66-2.5	5	2.5	>9	<10	7.0	120	<5.0	<5.0	32	12	44	170	0.11	<5.0	46	<5.0	<5.0	<5.0	36	85

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Solano County, California

Boring ID	Sample ID	Dataset	Sample Depth (ft)	Distance from EOP (ft)	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Mercury	Molybdenum	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
W-R37-O1	G68-0	5	0	0 to 3	<2.0	<1.0	47	<1.0	<1.0	12	12	43	120	0.27	<1.0	18	<1.0	<1.0	<1.0	92	74
W-R37-O1	G68-0.5	5	0.5	0 to 3	<2.0	<1.0	14	<1.0	<1.0	11	26	37	<1.0	0.98	<1.0	14	<1.0	<1.0	<1.0	190	51
W-R37-O1	G68-1.5	5	1.5	0 to 3	<2.0	<1.0	7.8	<1.0	<1.0	9.8	27	40	<1.0	0.11	<1.0	24	<1.0	<1.0	<1.0	150	48
W-R37-O1	G68-2.5	5	2.5	0 to 3	<2.0	<1.0	10	<1.0	<1.0	8.3	16	33	<1.0	0.13	<1.0	9.8	<1.0	<1.0	<1.0	140	49
W-R37-O2	G69-0	5	0	3 to 6	<2.0	2.8	140	<1.0	<1.0	29	13	54	190	0.28	<1.0	34	<1.0	<1.0	<1.0	86	240
W-R37-O2	G69-0.5	5	0.5	3 to 6	<2.0	10	260	<1.0	<1.0	22	12	32	13	<0.10	<1.0	31	<1.0	<1.0	<1.0	32	48
W-R37-O2	G69-1.5	5	1.5	3 to 6	<2.0	8.6	180	<1.0	<1.0	20	9.4	27	60	<0.10	<1.0	26	<1.0	<1.0	<1.0	22	41
W-R37-O2	G69-2.5	5	2.5	3 to 6	<2.0	3.9	120	<1.0	<1.0	22	6.7	49	540	<0.10	<1.0	27	<1.0	<1.0	<1.0	23	95
W-R37-O3	G70-0	5	0	6 to 9	<2.0	6.7	110	<1.0	<1.0	26	12	57	190	0.11	<1.0	37	<1.0	<1.0	<1.0	45	77
W-R37-O3	G70-0.5	5	0.5	6 to 9	<2.0	7.3	140	<1.0	<1.0	28	14	43	34	<0.10	<1.0	40	<1.0	<1.0	<1.0	37	53
W-R37-O3	G70-1.5	5	1.5	6 to 9	<10	<5.0	34	<5.0	<5.0	24	6.6	19	150	0.10	<5.0	27	<5.0	<5.0	<5.0	21	60
W-R37-O3	G70-2.5	5	2.5	6 to 9	<2.0	1.5	25	<1.0	<1.0	39	15	33	17	0.29	<1.0	58	<1.0	<1.0	<1.0	47	32
W-R37-O4	G71-0	5	0	>9	<2.0	8.7	140	<1.0	<1.0	26	13	39	62	0.25	<1.0	41	<1.0	<1.0	<1.0	33	57
W-R37-O4	G71-0.5	5	0.5	>9	<10	<5.0	53	<5.0	<5.0	16	6.2	17	140	<0.10	<5.0	24	<5.0	<5.0	<5.0	22	62
W-R37-O4	G71-1.5	5	1.5	>9	<2.0	1.2	16	<1.0	<1.0	54	12	24	6.3	0.30	<1.0	55	<1.0	<1.0	<1.0	51	28
W-R37-O4	G71-2.5	5	2.5	>9	<2.0	<1.0	17	<1.0	<1.0	36	14	34	<1.0	0.16	<1.0	48	<1.0	<1.0	<1.0	59	22
W-R37-P1	G72-0	5	0	0 to 3	<2.0	1.3	72	<1.0	<1.0	18	12	62	130	0.29	<1.0	21	<1.0	<1.0	<1.0	89	150
W-R37-P1	G72-0.5	5	0.5	0 to 3	<2.0	<1.0	25	<1.0	<1.0	21	18	38	<1.0	8.4	<1.0	16	<1.0	<1.0	<1.0	130	44
W-R37-P1	G72-1.5	5	1.5	0 to 3	<2.0	<1.0	45	<1.0	<1.0	11	21	31	<1.0	2.0	<1.0	13	<1.0	<1.0	<1.0	130	43
W-R37-P1	G72-2.5	5	2.5	0 to 3	<2.0	<1.0	9.6	<1.0	<1.0	7.0	14	19	<1.0	0.32	<1.0	8.2	<1.0	<1.0	<1.0	120	41
W-R37-P2	G73-0	5	0	3 to 6	8.3	1.2	95	<1.0	<1.0	17	17	43	400	0.38	<1.0	21	<1.0	<1.0	<1.0	98	270
W-R37-P2	G73-0.5	5	0.5	3 to 6	<2.0	8.0	140	<1.0	<1.0	24	10	35	21	<0.10	<1.0	34	<1.0	<1.0	<1.0	30	51
W-R37-P2	G73-1.5	5	1.5	3 to 6	<2.0	15	330	<1.0	<1.0	34	29	45	13	15	<1.0	56	<1.0	<1.0	<1.0	69	69
W-R37-P2	G73-2.5	5	2.5	3 to 6	<2.0	6.8	220	<1.0	<1.0	33	13	30	7.4	<0.10	<1.0	27	<1.0	<1.0	<1.0	37	43
W-R37-P3	G74-0	5	0	6 to 9	<2.0	9.8	210	<1.0	<1.0	24	14	39	20	<0.10	<1.0	39	<1.0	<1.0	<1.0	35	57
W-R37-P3	G74-0.5	5	0.5	6 to 9	<2.0	11	220	<1.0	<1.0	34	22	40	14	<0.10	<1.0	55	<1.0	<1.0	<1.0	51	61
W-R37-P3	G74-1.5	5	1.5	6 to 9	<2.0	7.6	170	<1.0	<1.0	41	16	43	11	<0.10	<1.0	45	<1.0	<1.0	<1.0	59	55
W-R37-P3	G74-2.5	5	2.5	6 to 9	<2.0	2.8	53	<1.0	<1.0	32	14	36	57	<0.10	<1.0	38	<1.0	<1.0	<1.0	39	37
W-R37-P4	G75-0	5	0	>9	<2.0	4.9	120	<1.0	1.2	23	13	44	100	0.15	<1.0	32	<1.0	<1.0	<1.0	67	120
W-R37-P4	G75-0.5	5	0.5	>9	<2.0	4.0	95	<1.0	<1.0	28	13	49	11	<0.10	<1.0	39	<1.0	<1.0	<1.0	35	72
W-R37-P4	G75-1.5	5	1.5	>9	<2.0	9.2	78	<1.0	<1.0	30	13	42	110	<0.10	<1.0	40	<1.0	<1.0	<1.0	45	56
W-R37-P4	G75-2.5	5	2.5	>9	<2.0	7.9	150	<1.0	<1.0	38	16	49	37	<0.10	<1.0	59	<1.0	<1.0	<1.0	43	68
W-R37-Q1	G76-0	5	0	0 to 3	<2.0	3.8	870	<1.0	1.7	31	14	51	710	0.70	<1.0	53	<1.0	<1.0	<1.0	84	150
W-R37-Q1	G76-0.5	5	0.5	0 to 3	<2.0	<1.0	8.4	<1.0	1.2	11	15	39	1.2	0.17	<1.0	7.9	<1.0	<1.0	<1.0	150	46
W-R37-Q1	G76-1.5	5	1.5	0 to 3	<10	<5.0	8.0	<5.0	<5.0	12	24	37	<5.0	0.15	<5.0	11	<5.0	<5.0	<5.0	220	89
W-R37-Q1	G76-2.5	5	2.5	0 to 3	<2.0	8.1	100	<1.0	<1.0	31	14	44	15	<0.10	<1.0	35	<1.0	<1.0	<1.0	43	60

TABLE 4
Summary of CAM 17 Metals Results
SOL-80 Freeway Performance Initiative Project
Solano County, California

Boring ID	Sample ID	Dataset	Sample Depth (ft)	Distance from EOP (ft)	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Mercury	Molybdenum	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
W-R37-Q2	G77-0	5	0	3 to 6	<2.0	<1.0	29	<1.0	<1.0	9.3	11	83	17	0.38	<1.0	11	<1.0	<1.0	<1.0	91	91
W-R37-Q2	G77-0.5	5	0.5	3 to 6	<2.0	5.3	95	<1.0	<1.0	24	11	34	78	0.12	<1.0	39	<1.0	<1.0	<1.0	30	55
W-R37-Q2	G77-1.5	5	1.5	3 to 6	<10	8.3	220	<5.0	<5.0	43	14	44	15	<0.10	<5.0	50	<5.0	<5.0	<5.0	47	77
W-R37-Q2	G77-2.5	5	2.5	3 to 6	<2.0	6.0	120	<1.0	<1.0	36	12	33	25	<0.10	<1.0	36	<1.0	<1.0	<1.0	46	72
W-R37-Q3	G78-0	5	0	6 to 9	<2.0	6.2	140	<1.0	<1.0	33	17	52	18	<0.10	<1.0	48	<1.0	<1.0	<1.0	55	80
W-R37-Q3	G78-0.5	5	0.5	6 to 9	<2.0	12	100	<1.0	1.1	41	18	64	9.6	<0.10	<1.0	60	<1.0	<1.0	<1.0	47	84
W-R37-Q3	G78-1.5	5	1.5	6 to 9	<10	9.6	270	<5.0	<5.0	45	21	49	7.5	<0.10	<5.0	59	<5.0	<5.0	<5.0	53	78
W-R37-Q3	G78-2.5	5	2.5	6 to 9	<2.0	8.3	160	<1.0	<1.0	41	16	45	18	<0.10	<1.0	47	<1.0	<1.0	<1.0	51	65
W-R37-Q4	G79-0	5	0	>9	<2.0	8.5	210	<1.0	1.2	35	17	52	64	0.15	<1.0	46	<1.0	<1.0	<1.0	62	100
W-R37-Q4	G79-0.5	5	0.5	>9	<2.0	11	120	<1.0	1.1	49	17	60	7.8	<0.10	<1.0	65	<1.0	<1.0	<1.0	51	84
W-R37-Q4	G79-1.5	5	1.5	>9	<2.0	7.3	220	<1.0	1.0	37	15	48	30	<0.10	<1.0	47	<1.0	<1.0	<1.0	42	70
W-R37-Q4	G79-2.5	5	2.5	>9	<10	<5.0	53	<5.0	<5.0	13	<5.0	<10	19	<0.10	<5.0	19	<5.0	<5.0	<5.0	16	41
W-R37-R1	G80-0	5	0	0 to 3	<2.0	1.3	79	<1.0	1.4	25	13	53	170	0.58	<1.0	37	<1.0	<1.0	<1.0	82	130
W-R37-R1	G80-0.5	5	0.5	0 to 3	<2.0	<1.0	9.0	<1.0	1.4	12	17	39	1.6	35	<1.0	9.3	<1.0	<1.0	<1.0	130	49
W-R37-R1	G80-1.5	5	1.5	0 to 3	<2.0	<1.0	11	<1.0	1.2	8.9	15	33	<1.0	1.2	<1.0	8.3	<1.0	<1.0	<1.0	130	47
W-R37-R1	G80-2.5	5	2.5	0 to 3	<2.0	5.8	140	<1.0	<1.0	32	13	38	10	0.13	<1.0	36	<1.0	<1.0	<1.0	47	50
W-R37-R2	G81-0	5	0	3 to 6	<2.0	1.4	84	<1.0	2.9	19	12	48	58	0.29	<1.0	24	<1.0	<1.0	<1.0	79	180
W-R37-R2	G81-0.5	5	0.5	3 to 6	<2.0	6.3	110	<1.0	1.1	42	14	57	6.5	<0.10	<1.0	54	<1.0	<1.0	<1.0	41	71
W-R37-R2	G81-1.5	5	1.5	3 to 6	<2.0	7.7	130	<1.0	<1.0	44	16	38	8.8	<0.10	<1.0	37	<1.0	<1.0	<1.0	48	46
W-R37-R2	G81-2.5	5	2.5	3 to 6	<2.0	7.2	130	<1.0	<1.0	48	10	40	12	<0.10	<1.0	42	<1.0	<1.0	<1.0	46	53
W-R37-R3	G82-0	5	0	6 to 9	<2.0	5.2	110	<1.0	<1.0	36	12	45	9.5	0.15	<1.0	45	<1.0	<1.0	<1.0	36	63
W-R37-R3	G82-0.5	5	0.5	6 to 9	<2.0	8.2	180	<1.0	<1.0	41	18	45	15	0.12	<1.0	47	<1.0	<1.0	<1.0	47	61
W-R37-R3	G82-1.5	5	1.5	6 to 9	<2.0	3.6	59	<1.0	<1.0	18	6.2	17	15	<0.10	<1.0	20	<1.0	<1.0	<1.0	24	27
W-R37-R3	G82-2.5	5	2.5	6 to 9	<2.0	8.1	91	<1.0	<1.0	35	9.8	29	98	<0.10	<1.0	40	<1.0	<1.0	<1.0	33	55
W-R37-R4	G83-0	5	0	>9	<2.0	1.7	52	<1.0	<1.0	16	12	31	36	0.27	<1.0	31	<1.0	<1.0	<1.0	76	83
W-R37-R4	G83-0.5	5	0.5	>9	<2.0	6.0	200	<1.0	<1.0	22	10	29	18	<0.10	<1.0	28	<1.0	<1.0	<1.0	25	53
W-R37-R4	G83-1.5	5	1.5	>9	<2.0	6.7	150	<1.0	<1.0	38	16	35	26	<0.10	<1.0	44	<1.0	<1.0	<1.0	39	58
W-R37-R4	G83-2.5	5	2.5	>9	<4.0	2.6	55	<2.0	<2.0	18	8.0	23	38	<0.10	<2.0	24	<2.0	<2.0	<2.0	21	40
W-R37-S1	G84-0	5	0	0 to 3	<2.0	3.7	86	<1.0	<1.0	24	13	53	330	0.36	<1.0	35	<1.0	<1.0	<1.0	71	130
W-R37-S1	G84-0.5	5	0.5	0 to 3	<2.0	<1.0	11	<1.0	<1.0	12	15	38	1.5	0.24	<1.0	11	<1.0	<1.0	<1.0	120	46
W-R37-S1	G84-1.5	5	1.5	0 to 3	<2.0	<1.0	10	<1.0	<1.0	10	17	37	<1.0	0.53	<1.0	11	<1.0	<1.0	<1.0	150	53
W-R37-S1	G84-2.5	5	2.5	0 to 3	<2.0	<1.0	8.6	<1.0	<1.0	8.2	17	33	<1.0	4.7	<1.0	10	<1.0	<1.0	<1.0	140	47
W-R37-S2	G85-0	5	0	3 to 6	<2.0	8.9	130	<1.0	<1.0	28	13	42	55	0.12	<1.0	40	<1.0	<1.0	<1.0	36	68
W-R37-S2	G85-0.5	5	0.5	3 to 6	<2.0	7.3	120	<1.0	<1.0	31	15	33	25	0.14	<1.0	34	<1.0	<1.0	<1.0	37	56
W-R37-S2	G85-1.5	5	1.5	3 to 6	<2.0	6.9	170	<1.0	<1.0	40	18	49	10	<0.10	<1.0	53	<1.0	<1.0	<1.0	42	65
W-R37-S2	G85-2.5	5	2.5	3 to 6	<2.0	3.9	41	<1.0	<1.0	14	6.9	19	23	0.11	<1.0	20	<1.0	<1.0	<1.0	20	38

TABLE 4
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SOL-80 Freeway Performance Initiative Project
Solano County, California

Boring ID	Sample ID	Dataset	Sample Depth (ft)	Distance from EOP (ft)	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Mercury	Molybdenum	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
W-R37-S3	G86-0	5	0	6 to 9	<2.0	8.6	140	<1.0	<1.0	45	12	39	16	<0.10	<1.0	50	<1.0	<1.0	<1.0	48	56
W-R37-S3	G86-0.5	5	0.5	6 to 9	<2.0	8.6	160	<1.0	<1.0	42	16	36	8.5	<0.10	<1.0	44	<1.0	<1.0	<1.0	47	51
W-R37-S3	G86-1.5	5	1.5	6 to 9	<2.0	2.8	120	<1.0	<1.0	27	11	18	40	0.19	<1.0	52	<1.0	<1.0	<1.0	21	31
W-R37-S3	G86-2.5	5	2.5	6 to 9	<20	<10	32	<10	<10	23	<10	<20	16	0.14	<10	31	<10	<10	<10	23	41
W-R37-S4	G87-0	5	0	>9	<2.0	7.4	130	<1.0	<1.0	38	12	35	14	<0.10	<1.0	41	<1.0	<1.0	<1.0	41	51
W-R37-S4	G87-0.5	5	0.5	>9	<2.0	6.2	110	<1.0	<1.0	29	12	32	38	<0.10	<1.0	36	<1.0	<1.0	<1.0	34	54
W-R37-S4	G87-1.5	5	1.5	>9	<2.0	5.7	140	<1.0	<1.0	30	12	29	37	0.12	<1.0	37	<1.0	<1.0	<1.0	31	47
W-R37-S4	G87-2.5	5	2.5	>9	<2.0	3.7	89	<1.0	<1.0	24	8.0	26	26	<0.10	<1.0	28	<1.0	<1.0	<1.0	25	44
W-R37-T1	G88-0	5	0	0 to 3	<2.0	<1.0	61	<1.0	<1.0	17	13	43	98	1.8	<1.0	22	<1.0	<1.0	<1.0	85	130
W-R37-T1	G88-0.5	5	0.5	0 to 3	<2.0	<1.0	8.1	<1.0	<1.0	10	14	28	2.6	0.83	<1.0	9.5	<1.0	<1.0	<1.0	120	42
W-R37-T1	G88-1.5	5	1.5	0 to 3	<2.0	<1.0	10	<1.0	<1.0	7.9	16	28	<1.0	0.82	<1.0	10	<1.0	<1.0	<1.0	120	46
W-R37-T1	G88-2.5	5	2.5	0 to 3	<2.0	<1.0	14	<1.0	<1.0	8.8	17	35	<1.0	0.25	<1.0	10	<1.0	<1.0	<1.0	130	48
W-R37-T2	G89-0	5	0	3 to 6	<2.0	<1.0	25	<1.0	<1.0	16	17	46	17	3.4	<1.0	14	<1.0	<1.0	<1.0	110	52
W-R37-T2	G89-0.5	5	0.5	3 to 6	<2.0	<1.0	21	<1.0	<1.0	8.8	15	35	3.0	4.6	<1.0	11	<1.0	<1.0	<1.0	130	45
W-R37-T2	G89-1.5	5	1.5	3 to 6	<2.0	6.2	130	<1.0	<1.0	31	24	40	28	0.12	<1.0	51	<1.0	<1.0	<1.0	35	59
W-R37-T2	G89-2.5	5	2.5	3 to 6	<2.0	4.4	89	<1.0	<1.0	21	9.9	20	26	0.13	<1.0	28	<1.0	<1.0	<1.0	25	34
W-R37-T3	G90-0	5	0	6 to 9	<2.0	7.3	140	<1.0	<1.0	35	13	38	25	<0.10	<1.0	46	<1.0	<1.0	<1.0	41	59
W-R37-T3	G90-0.5	5	0.5	6 to 9	<2.0	7.6	160	<1.0	<1.0	48	16	39	13	<0.10	<1.0	48	<1.0	<1.0	<1.0	45	55
W-R37-T3	G90-1.5	5	1.5	6 to 9	<2.0	7.5	190	<1.0	<1.0	42	19	50	7.9	<0.10	<1.0	57	<1.0	<1.0	<1.0	46	69
W-R37-T3	G90-2.5	5	2.5	6 to 9	<2.0	5.1	74	<1.0	<1.0	29	10	22	38	0.13	<1.0	38	<1.0	<1.0	<1.0	27	45
W-R37-T4	G91-0	5	0	>9	<2.0	7.9	110	<1.0	<1.0	35	13	40	22	<0.10	<1.0	50	<1.0	<1.0	<1.0	40	65
W-R37-T4	G91-0.5	5	0.5	>9	<2.0	6.6	110	<1.0	<1.0	34	12	33	120	0.12	<1.0	45	<1.0	<1.0	<1.0	35	54
W-R37-T4	G91-1.5	5	1.5	>9	<2.0	6.4	120	<1.0	<1.0	34	14	34	31	<0.10	<1.0	52	<1.0	<1.0	<1.0	35	57
W-R37-T4	G91-2.5	5	2.5	>9	<2.0	1.7	26	<1.0	<1.0	5.9	2.2	7.3	3.0	<0.10	<1.0	6.9	<1.0	<1.0	<1.0	4.8	14
W-R37-U1	G92-0	5	0	0 to 3	<2.0	<1.0	32	<1.0	<1.0	13	16	36	36	2.1	<1.0	20	<1.0	<1.0	<1.0	120	75
W-R37-U1	G92-0.5	5	0.5	0 to 3	<2.0	<1.0	7.8	<1.0	<1.0	10	14	30	<1.0	0.70	<1.0	9.9	<1.0	<1.0	<1.0	110	41
W-R37-U1	G92-1.5	5	1.5	0 to 3	<2.0	<1.0	15	<1.0	<1.0	12	17	38	<1.0	0.28	<1.0	13	<1.0	<1.0	<1.0	130	49
W-R37-U1	G92-2.5	5	2.5	0 to 3	<2.0	<1.0	7.1	<1.0	<1.0	6.9	16	27	<1.0	2.5	<1.0	9.4	<1.0	<1.0	<1.0	120	44
W-R37-U2	G93-0	5	0	3 to 6	<2.0	<1.0	24	<1.0	<1.0	12	17	30	18	1.6	<1.0	16	<1.0	<1.0	<1.0	75	40
W-R37-U2	G93-0.5	5	0.5	3 to 6	<2.0	7.1	110	<1.0	<1.0	30	15	33	28	0.17	<1.0	36	<1.0	<1.0	<1.0	36	50
W-R37-U2	G93-1.5	5	1.5	3 to 6	<2.0	7.7	98	<1.0	<1.0	27	12	37	120	<0.10	<1.0	36	<1.0	<1.0	<1.0	35	65
W-R37-U2	G93-2.5	5	2.5	3 to 6	<2.0	1.1	29	<1.0	<1.0	21	11	28	24	<0.10	<1.0	30	<1.0	<1.0	<1.0	23	22
W-R37-U3	G94-0	5	0	6 to 9	<2.0	2.0	32	<1.0	<1.0	24	9.0	20	33	0.15	<1.0	29	<1.0	<1.0	<1.0	26	38
W-R37-U3	G94-0.5	5	0.5	6 to 9	<2.0	7.2	290	<1.0	<1.0	20	12	30	38	<0.10	<1.0	30	<1.0	<1.0	1.6	29	53
W-R37-U3	G94-1.5	5	1.5	6 to 9	<2.0	12	130	<1.0	<1.0	35	22	52	16	<0.10	<1.0	53	<1.0	<1.0	<1.0	52	82
W-R37-U3	G94-2.5	5	2.5	6 to 9	<2.0	1.5	28	<1.0	<1.0	26	13	40	20	<0.10	<1.0	41	<1.0	<1.0	<1.0	27	26

TABLE 4
Summary of CAM 17 Metals Results
SOL-80 Freeway Performance Initiative Project
Solano County, California

Boring ID	Sample ID	Dataset	Sample Depth (ft)	Distance from EOP (ft)	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Mercury	Molybdenum	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
W-R37-U4	G95-0	5	0	>9	<2.0	10	140	<1.0	<1.0	32	15	52	26	<0.10	<1.0	44	<1.0	<1.0	<1.0	39	75
W-R37-U4	G95-0.5	5	0.5	>9	<2.0	8.0	180	<1.0	<1.0	30	15	40	59	0.20	<1.0	46	<1.0	<1.0	<1.0	43	70
W-R37-U4	G95-1.5	5	1.5	>9	<2.0	16	97	<1.0	1.1	33	17	54	15	<0.10	<1.0	47	<1.0	<1.0	<1.0	44	74
W-R37-U4	G95-2.5	5	2.5	>9	<2.0	1.5	30	<1.0	<1.0	31	13	32	2.2	<0.10	<1.0	32	<1.0	<1.0	<1.0	34	27
W-R37-FL1	G25-0	8	0	0 to 3	<2.0	<1.0	25	<1.0	1.2	11	13	32	27	5.3	<1.0	12	<1.0	<1.0	<1.0	110	71
W-R37-FL1	G25-0.5	8	0.5	0 to 3	<2.0	<1.0	18	<1.0	1.2	12	16	47	1.1	4.1	<1.0	9.8	<1.0	<1.0	<1.0	120	45
W-R37-FL1	G25-1.5	8	1.5	0 to 3	<2.0	6.1	130	<1.0	<1.0	29	13	41	15	0.55	<1.0	34	<1.0	<1.0	<1.0	45	53
W-R37-FL1	G25-2.5	8	2.5	0 to 3	<2.0	5.4	190	<1.0	<1.0	34	14	47	8.9	0.22	<1.0	40	<1.0	<1.0	<1.0	48	61
W-R37-FL2	G26-0	8	0	3 to 6	<2.0	3.9	98	<1.0	<1.0	22	13	37	11	0.35	<1.0	25	<1.0	<1.0	<1.0	62	45
W-R37-FL2	G26-0.5	8	0.5	3 to 6	<2.0	6.2	150	<1.0	<1.0	33	15	46	14	<0.10	<1.0	37	<1.0	<1.0	<1.0	59	61
W-R37-FL2	G26-1.5	8	1.5	3 to 6	<2.0	5.8	170	<1.0	<1.0	27	12	39	15	<0.10	<1.0	33	<1.0	<1.0	<1.0	35	47
W-R37-FL2	G26-2.5	8	2.5	3 to 6	<2.0	8.5	130	<1.0	<1.0	44	16	46	8.1	0.26	<1.0	39	<1.0	<1.0	<1.0	53	61
W-R37-GL1	G34-0	8	0	0 to 3	<2.0	1.4	51	<1.0	1.1	25	14	46	100	13	<1.0	20	<1.0	<1.0	<1.0	96	95
W-R37-GL1	G34-0.5	8	0.5	0 to 3	<2.0	<1.0	12	<1.0	<1.0	9.3	11	25	4.8	3.2	<1.0	14	<1.0	<1.0	<1.0	90	31
W-R37-GL1	G34-1.5	8	1.5	0 to 3	<2.0	<1.0	18	<1.0	1.3	13	16	46	1.3	3.4	<1.0	9.6	<1.0	<1.0	<1.0	140	49
W-R37-GL1	G34-2.5	8	2.5	0 to 3	<2.0	7.2	150	<1.0	<1.0	35	17	51	16	0.19	<1.0	42	<1.0	<1.0	<1.0	55	60
W-R37-GL2	G35-0	8	0	3 to 6	<2.0	3.0	67	<1.0	<1.0	22	8.2	27	110	0.21	<1.0	30	<1.0	<1.0	<1.0	44	83
W-R37-GL2	G35-0.5	8	0.5	3 to 6	<2.0	4.4	98	<1.0	<1.0	28	12	39	39	0.13	<1.0	38	<1.0	<1.0	<1.0	50	64
W-R37-GL2	G35-1.5	8	1.5	3 to 6	<2.0	2.5	65	<1.0	<1.0	26	13	33	6.2	<0.10	<1.0	32	<1.0	<1.0	<1.0	37	30
W-R37-GL2	G35-2.5	8	2.5	3 to 6	<10	5.9	150	<5.0	<5.0	30	12	38	130	<0.10	<5.0	40	<5.0	<5.0	<5.0	34	73
W-R37-HL1	G38-0	8	0	0 to 3	<2.0	<1.0	15	<1.0	1.0	7.1	13	28	15	1.8	<1.0	14	<1.0	<1.0	<1.0	99	41
W-R37-HL1	G38-0.5	8	0.5	0 to 3	<2.0	<1.0	18	<1.0	1.5	15	19	52	3.7	6.7	<1.0	13	<1.0	<1.0	<1.0	160	54
W-R37-HL1	G38-1.5	8	1.5	0 to 3	<2.0	<1.0	16	<1.0	1.3	13	15	48	1.2	6.5	<1.0	9.5	<1.0	<1.0	<1.0	140	48
W-R37-HL1	G38-2.5	8	2.5	0 to 3	<2.0	<1.0	9.0	<1.0	1.3	11	17	36	<1.0	0.36	<1.0	9.9	<1.0	<1.0	<1.0	140	52
W-R37-HL2	G39-0	8	0	3 to 6	<2.0	4.6	100	<1.0	1.0	29	13	45	83	0.13	<1.0	36	<1.0	<1.0	<1.0	69	68
W-R37-HL2	G39-0.5	8	0.5	3 to 6	<2.0	<1.0	22	<1.0	1.2	10	16	50	9.4	1.1	<1.0	13	<1.0	<1.0	<1.0	120	52
W-R37-HL2	G39-1.5	8	1.5	3 to 6	<2.0	<1.0	35	<1.0	<1.0	74	21	68	<1.0	0.11	<1.0	51	<1.0	<1.0	<1.0	42	22
W-R37-HL2	G39-2.5	8	2.5	3 to 6	<2.0	9.8	240	<1.0	<1.0	26	12	44	13	<0.10	<1.0	36	<1.0	<1.0	<1.0	33	60
W-R37-IL1	G45-0	8	0	0 to 3	<2.0	<1.0	24	<1.0	1.4	22	16	37	4.4	2.3	3.4	12	<1.0	<1.0	<1.0	120	54
W-R37-IL1	G45-0.5	8	0.5	0 to 3	<2.0	<1.0	24	<1.0	1.4	17	19	45	2.0	2.5	<1.0	23	<1.0	<1.0	<1.0	120	48
W-R37-IL1	G45-1.5	8	1.5	0 to 3	<2.0	<1.0	11	<1.0	1.4	9.8	16	40	<1.0	0.54	<1.0	8.9	<1.0	<1.0	<1.0	140	53
W-R37-IL1	G45-2.5	8	2.5	0 to 3	<2.0	<1.0	12	<1.0	1.5	10	19	42	<1.0	0.25	<1.0	11	<1.0	<1.0	<1.0	160	55
W-R37-IL2	G46-0	8	0	3 to 6	<2.0	4.7	94	<1.0	<1.0	34	13	52	560	0.47	<1.0	40	<1.0	<1.0	<1.0	62	96
W-R37-IL2	G46-0.5	8	0.5	3 to 6	<2.0	4.8	97	<1.0	<1.0	30	15	46	23	0.46	<1.0	38	<1.0	<1.0	<1.0	61	51
W-R37-IL2	G46-1.5	8	1.5	3 to 6	<2.0	<1.0	13	<1.0	<1.0	29	15	49	<1.0	<0.10	<1.0	32	<1.0	<1.0	<1.0	36	16
W-R37-IL2	G46-2.5	8	2.5	3 to 6	<2.0	10	200	<1.0	<1.0	27	11	43	8.2	<0.10	<1.0	34	<1.0	<1.0	<1.0	39	53

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Solano County, California

Boring ID	Sample ID	Dataset	Sample Depth (ft)	Distance from EOP (ft)	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Mercury	Molybdenum	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
W-R37-JL1	G50-0	8	0	0 to 3	<2.0	2.2	57	<1.0	1.8	33	16	58	260	1.2	<1.0	25	<1.0	<1.0	<1.0	97	130
W-R37-JL1	G50-0.5	8	0.5	0 to 3	<2.0	<1.0	25	<1.0	1.3	13	17	40	3.9	5.2	<1.0	13	<1.0	<1.0	<1.0	130	47
W-R37-JL1	G50-1.5	8	1.5	0 to 3	<2.0	8.9	90	<1.0	1.0	32	14	40	21	0.37	<1.0	36	<1.0	<1.0	<1.0	47	50
W-R37-JL1	G50-2.5	8	2.5	0 to 3	<2.0	<1.0	7.4	<1.0	1.4	9.2	16	39	<1.0	0.15	<1.0	8.3	<1.0	<1.0	<1.0	150	49
W-R37-JL2	G51-0	8	0	3 to 6	<2.0	<1.0	45	<1.0	1.2	11	15	34	6.2	1.2	<1.0	15	<1.0	<1.0	<1.0	110	51
W-R37-JL2	G51-0.5	8	0.5	3 to 6	<2.0	6.6	170	<1.0	1.1	27	15	47	9.5	0.17	<1.0	38	<1.0	<1.0	<1.0	60	64
W-R37-JL2	G51-1.5	8	1.5	3 to 6	<2.0	5.0	110	<1.0	<1.0	24	12	36	29	0.17	<1.0	34	<1.0	<1.0	<1.0	38	47
W-R37-JL2	G51-2.5	8	2.5	3 to 6	<2.0	8.8	260	<1.0	<1.0	30	14	38	8.9	<0.10	<1.0	41	<1.0	<1.0	<1.0	38	48
W-505-RL1	G418-0	72	0	0 to 3	<2.0	3.8	110	<1.0	<1.0	45	6.9	17	59	<0.10	<1.0	54	<1.0	<1.0	<1.0	33	61
W-505-RL1	G418-0.5	72	0.5	0 to 3	<2.0	3.3	56	<1.0	<1.0	36	7.1	10	17	<0.10	<1.0	60	<1.0	<1.0	<1.0	25	29
W-505-RL1	G418-1.5	72	1.5	0 to 3	<2.0	3.2	29	<1.0	<1.0	16	5.1	4.1	13	<0.10	<1.0	21	<1.0	<1.0	<1.0	19	23
W-505-RL1	G418-2.5	72	2.5	0 to 3	<2.0	5.0	25	<1.0	<1.0	10	5.3	3.7	2.6	<0.10	<1.0	10	<1.0	<1.0	<1.0	20	22
W-505-SL1	G420-0	72	0	0 to 3	<2.0	3.0	100	<1.0	<1.0	60	7.0	21	53	<0.10	<1.0	61	<1.0	<1.0	<1.0	30	100
W-505-SL1	G420-0.5	72	0.5	0 to 3	<2.0	3.7	72	<1.0	<1.0	81	9.0	17	60	0.28	<1.0	87	<1.0	<1.0	<1.0	30	49
W-505-SL1	G420-1.5	72	1.5	0 to 3	<2.0	3.2	80	<1.0	<1.0	90	13	14	3.2	0.22	<1.0	150	<1.0	<1.0	<1.0	43	38
W-505-SL1	G420-2.5	72	2.5	0 to 3	<2.0	2.8	32	<1.0	<1.0	20	5.6	4.9	2.2	<0.10	<1.0	30	<1.0	<1.0	<1.0	20	22
W-505-TL1	G422-0	72	0	0 to 3	<2.0	3.6	91	<1.0	<1.0	64	8.5	22	240	<0.10	<1.0	81	<1.0	<1.0	<1.0	30	120
W-505-TL1	G422-0.5	72	0.5	0 to 3	<2.0	3.4	78	<1.0	<1.0	72	8.8	17	290	0.11	<1.0	120	<1.0	<1.0	<1.0	27	78
W-505-UL1	G424-0	72	0	0 to 3	<2.0	4.2	100	<1.0	<1.0	31	5.3	14	5.0	<0.10	<1.0	47	<1.0	<1.0	<1.0	29	34
W-505-UL1	G424-0.5	72	0.5	0 to 3	<2.0	2.5	81	<1.0	<1.0	60	8.2	21	31	0.14	2.2	84	<1.0	<1.0	<1.0	28	70
W-505-UL1	G424-1.5	72	1.5	0 to 3	<2.0	5.5	62	<1.0	<1.0	38	6.1	11	3.1	<0.10	<1.0	56	<1.0	<1.0	<1.0	26	22
W-505-UL1	G424-2.5	72	2.5	0 to 3	<2.0	3.4	74	<1.0	<1.0	150	16	13	2.8	0.26	<1.0	280	<1.0	<1.0	<1.0	30	29
W-505-VL1	G426-0	72	0	0 to 3	<2.0	3.6	110	<1.0	<1.0	57	7.1	22	110	<0.10	<1.0	64	<1.0	<1.0	<1.0	33	130
W-505-VL1	G426-0.5	72	0.5	0 to 3	<2.0	3.7	57	<1.0	<1.0	41	7.0	17	73	<0.10	<1.0	66	<1.0	<1.0	<1.0	23	41
W-505-VL1	G426-1.5	72	1.5	0 to 3	<2.0	3.0	75	<1.0	<1.0	180	16	13	3.7	<0.10	<1.0	250	<1.0	<1.0	<1.0	33	30
W-505-VL1	G426-2.5	72	2.5	0 to 3	<2.0	2.5	120	<1.0	<1.0	29	11	18	14	<0.10	<1.0	60	<1.0	<1.0	<1.0	21	51
W-505-WL1	G427-0	72	0	0 to 3	<2.0	4.1	130	<1.0	<1.0	43	7.8	26	51	<0.10	<1.0	54	<1.0	<1.0	<1.0	39	120
W-505-WL1	G427-0.5	72	0.5	0 to 3	<2.0	3.9	63	<1.0	<1.0	41	7.1	14	6.2	<0.10	<1.0	66	<1.0	<1.0	<1.0	25	29
W-505-R1	G417-0	73	0	3 to 6	<2.0	4.5	110	<1.0	<1.0	69	11	22	45	<0.10	<1.0	130	<1.0	<1.0	<1.0	25	110
W-505-R1	G417-0.5	73	0.5	3 to 6	<2.0	3.1	190	<1.0	<1.0	37	12	17	7.0	<0.10	<1.0	90	<1.0	<1.0	<1.0	26	41
W-505-R1	G417-1.5	73	1.5	3 to 6	<2.0	3.3	220	<1.0	<1.0	40	13	18	9.1	<0.10	<1.0	95	<1.0	<1.0	<1.0	29	47
W-505-R1	G417-2.5	73	2.5	3 to 6	<2.0	1.6	130	<1.0	<1.0	15	6.9	12	6.2	<0.10	<1.0	28	<1.0	<1.0	<1.0	19	29

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W-505-S1	G419-0	73	0	3 to 6	<2.0	3.5	120	<1.0	<1.0	26	6.9	17	5.7	<0.10	<1.0	40	<1.0	<1.0	<1.0	34	44
W-505-S1	G419-0.5	73	0.5	3 to 6	<2.0	3.6	160	<1.0	<1.0	36	10	14	8.1	<0.10	<1.0	73	<1.0	<1.0	<1.0	27	31
W-505-S1	G419-1.5	73	1.5	3 to 6	<2.0	3.2	160	<1.0	<1.0	46	12	16	11	<0.10	<1.0	90	<1.0	<1.0	<1.0	27	32
W-505-S1	G419-2.5	73	2.5	3 to 6	<2.0	2.2	170	<1.0	<1.0	40	12	14	5.0	<0.10	<1.0	88	<1.0	<1.0	<1.0	26	30
E-NUT-A1	G435-0	76	0	0 to 3	<2.0	4.9	160	<1.0	<1.0	20	7.4	20	14	<0.10	<1.0	23	<1.0	<1.0	<1.0	33	52
E-NUT-A1	G435-0.5	76	0.5	0 to 3	<2.0	6.5	150	<1.0	<1.0	24	10	25	13	<0.10	<1.0	25	<1.0	<1.0	<1.0	42	63
E-NUT-A1	G435-1.5	76	1.5	0 to 3	<2.0	3.8	130	<1.0	<1.0	18	8.8	18	7.9	<0.10	<1.0	19	<1.0	<1.0	<1.0	33	39
E-NUT-A1	G435-2.5	76	2.5	0 to 3	<2.0	5.3	130	<1.0	<1.0	20	12	20	8.1	<0.10	<1.0	20	<1.0	<1.0	<1.0	39	44
E-NUT-A2	G436-0	76	0	3 to 6	<2.0	5.4	120	<1.0	<1.0	21	7.8	19	11	<0.10	<1.0	30	<1.0	<1.0	<1.0	31	67
E-NUT-A2	G436-0.5	76	0.5	3 to 6	<2.0	7.1	150	<1.0	<1.0	24	9.8	26	7.6	<0.10	<1.0	27	<1.0	<1.0	<1.0	43	63
E-NUT-A2	G436-1.5	76	1.5	3 to 6	<2.0	4.8	140	<1.0	<1.0	20	8.1	20	6.5	<0.10	<1.0	18	<1.0	<1.0	<1.0	36	44
E-NUT-A2	G436-2.5	76	2.5	3 to 6	<2.0	3.2	180	<1.0	<1.0	17	9.4	15	5.9	<0.10	<1.0	15	<1.0	<1.0	<1.0	36	29
E-NUT-A3	G437-0	76	0	6 to 9	<2.0	6.0	140	<1.0	<1.0	21	6.6	21	16	<0.10	<1.0	21	<1.0	<1.0	<1.0	36	57
E-NUT-A3	G437-0.5	76	0.5	6 to 9	<2.0	5.4	140	<1.0	<1.0	20	13	19	6.8	<0.10	<1.0	21	<1.0	<1.0	<1.0	38	43
E-NUT-A3	G437-1.5	76	1.5	6 to 9	<2.0	4.3	130	<1.0	<1.0	19	8.9	18	5.9	<0.10	<1.0	17	<1.0	<1.0	<1.0	39	38
E-NUT-A3	G437-2.5	76	2.5	6 to 9	<2.0	3.3	120	<1.0	<1.0	18	8.5	15	5.5	<0.10	<1.0	15	<1.0	<1.0	<1.0	37	30
E-NUT-A4	G438-0	76	0	>9	<2.0	7.5	180	<1.0	<1.0	23	11	24	9.2	<0.10	<1.0	25	<1.0	<1.0	<1.0	43	61
E-NUT-A4	G438-0.5	76	0.5	>9	<2.0	4.7	120	<1.0	<1.0	18	7.7	17	5.7	<0.10	<1.0	16	<1.0	<1.0	<1.0	35	38
E-NUT-A4	G438-1.5	76	1.5	>9	<2.0	4.1	130	<1.0	<1.0	20	8.7	18	6.1	<0.10	<1.0	17	<1.0	<1.0	<1.0	39	38
E-NUT-A4	G438-2.5	76	2.5	>9	<2.0	3.1	150	<1.0	<1.0	16	8.9	13	5.6	<0.10	<1.0	13	<1.0	<1.0	<1.0	33	25
E-NUT-B1	G439-0	76	0	0 to 3	<2.0	6.7	130	<1.0	<1.0	23	8.3	22	13	<0.10	<1.0	28	<1.0	<1.0	<1.0	42	57
E-NUT-B1	G439-0.5	76	0.5	0 to 3	<2.0	4.8	130	<1.0	<1.0	21	6.8	19	6.1	<0.10	<1.0	18	<1.0	<1.0	<1.0	39	43
E-NUT-B1	G439-1.5	76	1.5	0 to 3	<2.0	4.9	130	<1.0	<1.0	20	14	18	8.8	<0.10	<1.0	22	<1.0	<1.0	<1.0	43	39
E-NUT-B1	G439-2.5	76	2.5	0 to 3	<2.0	3.3	100	<1.0	<1.0	17	7.7	14	5.2	<0.10	<1.0	13	<1.0	<1.0	<1.0	37	31
E-NUT-B2	G440-0	76	0	3 to 6	<2.0	6.5	160	<1.0	<1.0	24	8.7	24	8.5	<0.10	<1.0	24	<1.0	<1.0	<1.0	42	58
E-NUT-B2	G440-0.5	76	0.5	3 to 6	<2.0	6.6	130	<1.0	<1.0	24	8.0	21	20	<0.10	<1.0	20	<1.0	<1.0	<1.0	42	51
E-NUT-B2	G440-1.5	76	1.5	3 to 6	<2.0	4.9	110	<1.0	<1.0	21	11	19	8.3	<0.10	<1.0	18	<1.0	<1.0	<1.0	42	42
E-NUT-B2	G440-2.5	76	2.5	3 to 6	<2.0	2.9	150	<1.0	<1.0	17	7.1	14	4.9	<0.10	<1.0	15	<1.0	<1.0	<1.0	36	32
E-NUT-B3	G441-0	76	0	6 to 9	<2.0	7.0	200	<1.0	<1.0	21	8.1	21	10	<0.10	<1.0	21	<1.0	<1.0	<1.0	40	47
E-NUT-B3	G441-0.5	76	0.5	6 to 9	<2.0	4.3	110	<1.0	<1.0	18	4.9	15	5.6	<0.10	<1.0	13	<1.0	<1.0	<1.0	36	34
E-NUT-B3	G441-1.5	76	1.5	6 to 9	<2.0	3.6	97	<1.0	<1.0	19	9.3	16	5.7	<0.10	<1.0	17	<1.0	<1.0	<1.0	39	35
E-NUT-B3	G441-2.5	76	2.5	6 to 9	<2.0	3.4	230	<1.0	<1.0	18	11	15	6.1	<0.10	<1.0	17	<1.0	<1.0	<1.0	39	33
E-NUT-B4	G442-0	76	0	>9	<2.0	5.0	120	<1.0	<1.0	21	7.8	16	10	<0.10	<1.0	28	<1.0	<1.0	<1.0	30	49
E-NUT-B4	G442-0.5	76	0.5	>9	<2.0	2.8	99	<1.0	<1.0	16	3.6	13	4.1	<0.10	<1.0	10	<1.0	<1.0	<1.0	31	27
E-NUT-B4	G442-1.5	76	1.5	>9	<2.0	3.0	100	<1.0	<1.0	17	8.8	14	5.3	<0.10	<1.0	15	<1.0	<1.0	<1.0	34	28
E-NUT-B4	G442-2.5	76	2.5	>9	<2.0	2.9	110	<1.0	<1.0	16	6.4	13	4.7	<0.10	<1.0	13	<1.0	<1.0	<1.0	33	28

TABLE 4
Summary of CAM 17 Metals Results
SOL-80 Freeway Performance Initiative Project
Solano County, California

Boring ID	Sample ID	Dataset	Sample Depth (ft)	Distance from EOP (ft)	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Mercury	Molybdenum	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
E-NUT-C1	G443-0	76	0	0 to 3	<2.0	3.3	93	<1.0	<1.0	35	8.0	22	11	<0.10	<1.0	50	<1.0	<1.0	<1.0	31	92
E-NUT-C1	G443-0.5	76	0.5	0 to 3	<10	<5.0	16	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<0.10	<5.0	<5.0	<5.0	<5.0	<5.0	9.9	33
E-NUT-C1	G443-1.5	76	1.5	0 to 3	<2.0	3.1	130	<1.0	<1.0	16	8.9	15	5.4	<0.10	<1.0	15	<1.0	<1.0	<1.0	34	28
E-NUT-C1	G443-2.5	76	2.5	0 to 3	<2.0	2.6	160	<1.0	<1.0	16	8.5	15	5.3	<0.10	<1.0	14	<1.0	<1.0	<1.0	34	28
E-NUT-C2	G444-0	76	0	3 to 6	<2.0	4.2	110	<1.0	<1.0	27	7.9	17	12	<0.10	<1.0	35	<1.0	<1.0	<1.0	31	58
E-NUT-C2	G444-0.5	76	0.5	3 to 6	<2.0	5.1	110	<1.0	<1.0	19	6.2	18	7.5	<0.10	<1.0	18	<1.0	<1.0	<1.0	34	42
E-NUT-C2	G444-1.5	76	1.5	3 to 6	<2.0	8.0	290	<1.0	<1.0	23	9.0	22	15	<0.10	<1.0	23	<1.0	<1.0	<1.0	38	54
E-NUT-C2	G444-2.5	76	2.5	3 to 6	<2.0	2.8	140	<1.0	<1.0	14	8.7	15	5.7	<0.10	<1.0	14	<1.0	<1.0	<1.0	29	26
E-NUT-D1	G445-0	76	0	0 to 3	<2.0	1.7	60	<1.0	<1.0	17	4.4	12	2.7	<0.10	<1.0	29	<1.0	<1.0	<1.0	18	22
E-NUT-D1	G445-0.5	76	0.5	0 to 3	<2.0	4.5	94	<1.0	<1.0	21	6.8	17	5.5	<0.10	<1.0	20	<1.0	<1.0	<1.0	33	40
E-NUT-D1	G445-1.5	76	1.5	0 to 3	<2.0	2.9	270	<1.0	<1.0	13	8.3	14	5.4	<0.10	<1.0	13	<1.0	<1.0	<1.0	28	25
E-NUT-D1	G445-2.5	76	2.5	0 to 3	<2.0	3.2	190	<1.0	<1.0	15	9.6	15	5.9	<0.10	<1.0	14	<1.0	<1.0	<1.0	30	28
E-NUT-E1	G446-0	76	0	0 to 3	<2.0	2.8	68	<1.0	<1.0	35	7.0	16	3.4	0.12	<1.0	52	<1.0	<1.0	<1.0	25	35
E-NUT-E1	G446-0.5	76	0.5	0 to 3	<2.0	4.4	99	<1.0	<1.0	52	10	17	5.8	<0.10	<1.0	89	<1.0	<1.0	<1.0	29	34
E-NUT-E1	G446-1.5	76	1.5	0 to 3	<2.0	2.7	120	<1.0	<1.0	13	8.7	14	5.6	<0.10	<1.0	15	<1.0	<1.0	<1.0	28	24
E-NUT-E1	G446-2.5	76	2.5	0 to 3	<2.0	2.8	120	<1.0	<1.0	13	10	15	5.8	<0.10	<1.0	17	<1.0	<1.0	<1.0	28	25
E-NUT-F1	G447-0	76	0	0 to 3	<2.0	2.9	67	<1.0	<1.0	57	9.0	15	2.8	<0.10	<1.0	85	<1.0	<1.0	<1.0	27	37
E-NUT-F1	G447-0.5	76	0.5	0 to 3	<2.0	8.4	140	<1.0	<1.0	22	6.0	21	9.7	<0.10	<1.0	22	<1.0	<1.0	<1.0	38	55
E-NUT-F1	G447-1.5	76	1.5	0 to 3	<2.0	3.0	150	<1.0	<1.0	15	8.3	16	5.8	<0.10	<1.0	15	<1.0	<1.0	<1.0	31	28
E-NUT-F1	G447-2.5	76	2.5	0 to 3	<2.0	4.0	190	<1.0	<1.0	16	11	16	6.2	<0.10	<1.0	17	<1.0	<1.0	<1.0	34	32
E-NUT-G1	G448-0	76	0	0 to 3	<2.0	2.7	93	<1.0	<1.0	37	6.5	16	23	<0.10	<1.0	47	<1.0	<1.0	<1.0	37	53
E-NUT-G1	G448-0.5	76	0.5	0 to 3	<2.0	2.4	58	<1.0	<1.0	52	7.1	12	1.9	0.13	1.2	66	<1.0	<1.0	<1.0	22	25
E-NUT-G1	G448-1.5	76	1.5	0 to 3	<2.0	6.9	190	<1.0	<1.0	22	11	21	6.9	<0.10	<1.0	26	<1.0	<1.0	<1.0	38	53
E-NUT-G1	G448-2.5	76	2.5	0 to 3	<2.0	3.3	150	<1.0	<1.0	15	9.3	15	6.0	<0.10	<1.0	15	<1.0	<1.0	<1.0	31	29
E-NUT-H1	G449-0	76	0	0 to 3	<2.0	2.1	82	<1.0	<1.0	39	6.7	14	4.7	<0.10	<1.0	47	<1.0	<1.0	<1.0	37	33
E-NUT-H1	G449-0.5	76	0.5	0 to 3	<2.0	2.7	65	<1.0	<1.0	52	8.8	16	3.2	0.22	<1.0	73	<1.0	<1.0	<1.0	26	29
E-NUT-H1	G449-1.5	76	1.5	0 to 3	<2.0	2.6	68	<1.0	<1.0	47	7.7	14	2.1	0.15	<1.0	70	<1.0	<1.0	<1.0	27	31
E-NUT-H1	G449-2.5	76	2.5	0 to 3	<2.0	7.2	190	<1.0	<1.0	23	13	23	6.9	<0.10	<1.0	24	<1.0	<1.0	<1.0	41	54
E-NUT-H2	G450-0	76	0	3 to 6	<2.0	3.2	100	<1.0	<1.0	43	7.0	23	13	<0.10	<1.0	47	<1.0	<1.0	<1.0	31	100
E-NUT-H2	G450-0.5	76	0.5	3 to 6	<2.0	2.6	26	<1.0	<1.0	9.6	3.9	4.7	2.1	<0.10	<1.0	11	<1.0	<1.0	<1.0	17	20
E-NUT-H2	G450-1.5	76	1.5	3 to 6	<2.0	5.6	190	<1.0	<1.0	16	5.6	18	5.5	<0.10	<1.0	17	<1.0	<1.0	<1.0	31	39
E-NUT-H2	G450-2.5	76	2.5	3 to 6	<2.0	3.0	130	<1.0	<1.0	16	8.4	17	6.0	<0.10	<1.0	16	<1.0	<1.0	<1.0	31	31
E-NUT-I1	G451-0	76	0	0 to 3	<2.0	4.0	96	<1.0	<1.0	41	8.2	21	9.8	<0.10	<1.0	55	<1.0	<1.0	<1.0	44	86
E-NUT-I1	G451-0.5	76	0.5	0 to 3	<2.0	2.1	71	<1.0	<1.0	41	6.3	11	1.8	<0.10	<1.0	56	<1.0	<1.0	<1.0	23	27
E-NUT-I1	G451-1.5	76	1.5	0 to 3	<2.0	3.2	51	<1.0	<1.0	260	16	12	68	<0.10	<1.0	170	<1.0	<1.0	<1.0	23	59
E-NUT-I1	G451-2.5	76	2.5	0 to 3	<2.0	2.6	19	<1.0	<1.0	8.8	3.8	3.5	1.7	<0.10	<1.0	8.5	<1.0	<1.0	<1.0	14	18

TABLE 4
Summary of CAM 17 Metals Results
SOL-80 Freeway Performance Initiative Project
Solano County, California

Boring ID	Sample ID	Dataset	Sample Depth (ft)	Distance from EOP (ft)	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Mercury	Molybdenum	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
E-NUT-I2	G452-0	76	0	3 to 6	<2.0	3.2	98	<1.0	<1.0	55	8.3	22	10	<0.10	<1.0	55	<1.0	<1.0	<1.0	42	57
E-NUT-I2	G452-0.5	76	0.5	3 to 6	<2.0	5.3	84	<1.0	<1.0	89	11	15	6.2	0.23	<1.0	140	<1.0	<1.0	<1.0	31	39
E-NUT-I2	G452-1.5	76	1.5	3 to 6	<2.0	3.4	98	<1.0	<1.0	110	14	15	3.1	0.13	<1.0	200	<1.0	<1.0	<1.0	35	33
E-NUT-I2	G452-2.5	76	2.5	3 to 6	<2.0	2.4	15	<1.0	<1.0	7.7	3.0	2.8	1.5	<0.10	<1.0	7.5	<1.0	<1.0	<1.0	14	18
E-NUT-I3	G453-0	76	0	6 to 9	<2.0	5.8	130	<1.0	<1.0	24	9.8	20	7.0	<0.10	<1.0	32	<1.0	<1.0	<1.0	34	53
E-NUT-I3	G453-0.5	76	0.5	6 to 9	<2.0	5.6	180	<1.0	<1.0	19	8.3	20	9.0	<0.10	<1.0	19	<1.0	<1.0	<1.0	34	47
E-NUT-I3	G453-1.5	76	1.5	6 to 9	<2.0	6.3	140	<1.0	<1.0	13	25	20	5.8	<0.10	<1.0	17	<1.0	<1.0	<1.0	24	39
E-NUT-I3	G453-2.5	76	2.5	6 to 9	<2.0	6.0	200	<1.0	<1.0	20	8.1	23	7.1	<0.10	<1.0	21	<1.0	<1.0	<1.0	36	49
E-NUT-I4	G454-0	76	0	>9	<2.0	6.8	140	<1.0	<1.0	21	8.9	20	7.7	<0.10	<1.0	24	<1.0	<1.0	<1.0	34	48
E-NUT-I4	G454-0.5	76	0.5	>9	<2.0	6.2	160	<1.0	<1.0	16	8.8	19	30	<0.10	<1.0	21	<1.0	<1.0	<1.0	31	45
E-NUT-I4	G454-1.5	76	1.5	>9	<2.0	4.0	140	<1.0	<1.0	16	7.7	17	18	<0.10	<1.0	18	<1.0	<1.0	<1.0	30	36
E-NUT-I4	G454-2.5	76	2.5	>9	<2.0	4.7	130	<1.0	<1.0	19	11	19	9.6	<0.10	<1.0	22	<1.0	<1.0	<1.0	35	40
E-NUT-I5	G455-0	76	0	>9	<2.0	5.0	120	<1.0	<1.0	43	9.8	19	18	<0.10	<1.0	55	<1.0	<1.0	<1.0	31	75
E-NUT-I5	G455-0.5	76	0.5	>9	<2.0	6.4	180	<1.0	<1.0	16	10	19	8.9	<0.10	<1.0	20	<1.0	<1.0	<1.0	31	43
E-NUT-I5	G455-1.5	76	1.5	>9	<2.0	4.4	170	<1.0	<1.0	18	11	19	7.2	<0.10	<1.0	20	<1.0	<1.0	<1.0	35	40
E-NUT-I5	G455-2.5	76	2.5	>9	<2.0	3.9	130	<1.0	<1.0	17	8.3	18	6.6	<0.10	<1.0	16	<1.0	<1.0	<1.0	33	36
E-NUT-I6	G456-0	76	0	>9	<2.0	8.2	170	<1.0	<1.0	20	9.9	21	19	<0.10	<1.0	21	<1.0	<1.0	<1.0	36	54
E-NUT-I6	G456-0.5	76	0.5	>9	<2.0	11	160	<1.0	<1.0	23	8.7	22	13	<0.10	<1.0	21	<1.0	<1.0	<1.0	42	54
E-NUT-I6	G456-1.5	76	1.5	>9	<2.0	3.8	160	<1.0	<1.0	19	10	19	11	<0.10	<1.0	20	<1.0	<1.0	<1.0	36	39
E-NUT-I6	G456-2.5	76	2.5	>9	<2.0	4.3	130	<1.0	<1.0	22	8.6	20	7.8	<0.10	<1.0	19	<1.0	<1.0	<1.0	42	43
E-NUT-J1	G457-0	76	0	0 to 3	<2.0	2.9	91	<1.0	<1.0	53	7.1	17	9.1	<0.10	<1.0	50	<1.0	<1.0	<1.0	34	57
E-NUT-J1	G457-0.5	76	0.5	0 to 3	<2.0	2.6	63	<1.0	<1.0	54	8.4	14	3.0	<0.10	<1.0	89	<1.0	<1.0	<1.0	25	31
E-NUT-J1	G457-1.5	76	1.5	0 to 3	<2.0	3.0	75	<1.0	<1.0	60	9.4	16	1.9	<0.10	<1.0	78	<1.0	<1.0	<1.0	31	31
E-NUT-J1	G457-2.5	76	2.5	0 to 3	<2.0	15	170	<1.0	<1.0	23	8.8	21	9.5	<0.10	<1.0	21	<1.0	<1.0	<1.0	42	51
E-NUT-J2	G458-0	76	0	3 to 6	<2.0	4.0	110	<1.0	<1.0	84	9.5	26	15	<0.10	<1.0	76	<1.0	<1.0	<1.0	39	94
E-NUT-J2	G458-0.5	76	0.5	3 to 6	<2.0	7.2	170	<1.0	<1.0	26	8.9	22	15	<0.10	<1.0	29	<1.0	<1.0	<1.0	40	54
E-NUT-J2	G458-1.5	76	1.5	3 to 6	<2.0	6.5	180	<1.0	<1.0	32	9.3	21	5.8	<0.10	<1.0	24	<1.0	<1.0	<1.0	35	46
E-NUT-J2	G458-2.5	76	2.5	3 to 6	<2.0	15	230	<1.0	<1.0	22	9.3	21	11	<0.10	<1.0	21	<1.0	<1.0	<1.0	41	51
E-NUT-J3	G459-0	76	0	6 to 9	<2.0	3.7	93	<1.0	<1.0	42	7.2	25	25	<0.10	<1.0	51	<1.0	<1.0	<1.0	28	120
E-NUT-J3	G459-0.5	76	0.5	6 to 9	<2.0	6.5	190	<1.0	<1.0	24	8.6	23	11	<0.10	<1.0	26	<1.0	<1.0	<1.0	40	59
E-NUT-J3	G459-1.5	76	1.5	6 to 9	<2.0	14	190	<1.0	<1.0	23	8.1	21	17	<0.10	<1.0	20	<1.0	<1.0	<1.0	43	52
E-NUT-J3	G459-2.5	76	2.5	6 to 9	<2.0	4.6	180	<1.0	<1.0	20	9.4	19	6.9	<0.10	<1.0	18	<1.0	<1.0	<1.0	40	39
E-NUT-J4	G460-0	76	0	>9	<2.0	9.8	160	<1.0	<1.0	23	9.4	21	54	<0.10	<1.0	23	<1.0	<1.0	<1.0	39	61
E-NUT-J4	G460-0.5	76	0.5	>9	<2.0	13	160	<1.0	<1.0	22	9.7	20	13	<0.10	<1.0	21	<1.0	<1.0	<1.0	41	51
E-NUT-J4	G460-1.5	76	1.5	>9	<2.0	8.6	170	<1.0	<1.0	24	8.7	23	13	<0.10	<1.0	22	<1.0	<1.0	<1.0	43	54
E-NUT-J4	G460-2.5	76	2.5	>9	<2.0	2.7	150	<1.0	<1.0	17	7.0	15	5.8	<0.10	<1.0	14	<1.0	<1.0	<1.0	33	29

TABLE 4
Summary of CAM 17 Metals Results
SOL-80 Freeway Performance Initiative Project
Solano County, California

Boring ID	Sample ID	Dataset	Sample Depth (ft)	Distance from EOP (ft)	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Mercury	Molybdenum	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
E-NUT-J5	G461-0	76	0	>9	<2.0	8.5	140	<1.0	<1.0	26	9.1	19	52	<0.10	<1.0	34	<1.0	<1.0	<1.0	37	57
E-NUT-J5	G461-0.5	76	0.5	>9	<2.0	12	170	<1.0	<1.0	24	9.3	23	13	<0.10	<1.0	22	<1.0	<1.0	<1.0	44	55
E-NUT-J5	G461-1.5	76	1.5	>9	<2.0	6.3	200	<1.0	<1.0	29	8.9	21	8.3	<0.10	<1.0	22	<1.0	<1.0	<1.0	51	47
E-NUT-J5	G461-2.5	76	2.5	>9	<2.0	3.6	140	<1.0	<1.0	18	9.9	16	6.3	<0.10	<1.0	17	<1.0	<1.0	<1.0	38	31
E-NUT-J6	G462-0	76	0	>9	<2.0	3.5	110	<1.0	<1.0	35	6.7	19	44	<0.10	<1.0	46	<1.0	<1.0	<1.0	30	110
E-NUT-J6	G462-0.5	76	0.5	>9	<2.0	4.5	140	<1.0	<1.0	20	6.9	18	38	<0.10	<1.0	16	<1.0	<1.0	<1.0	37	41
E-NUT-J6	G462-1.5	76	1.5	>9	<2.0	2.5	250	<1.0	<1.0	16	10	16	13	<0.10	<1.0	18	<1.0	<1.0	<1.0	30	29
E-NUT-J6	G462-2.5	76	2.5	>9	<2.0	3.6	130	<1.0	<1.0	16	9.5	14	47	<0.10	<1.0	15	<1.0	<1.0	<1.0	34	30
E-NUT-K1	G463-0	76	0	0 to 3	<2.0	3.0	110	<1.0	<1.0	51	5.5	16	3.7	<0.10	<1.0	53	<1.0	<1.0	<1.0	31	32
E-NUT-K1	G463-0.5	76	0.5	0 to 3	<2.0	2.6	420	<1.0	<1.0	45	7.0	63	17	<0.10	1.1	50	<1.0	<1.0	<1.0	26	170
E-NUT-K1	G463-1.5	76	1.5	0 to 3	<2.0	7.2	110	<1.0	<1.0	19	8.8	21	110	<0.10	<1.0	22	<1.0	<1.0	<1.0	30	56
E-NUT-K1	G463-2.5	76	2.5	0 to 3	<2.0	8.6	160	<1.0	<1.0	18	9.6	21	84	<0.10	<1.0	19	<1.0	<1.0	<1.0	31	50
E-NUT-K2	G464-0	76	0	3 to 6	<2.0	3.1	110	<1.0	<1.0	38	5.3	17	4.0	<0.10	<1.0	38	<1.0	<1.0	<1.0	33	45
E-NUT-K2	G464-0.5	76	0.5	3 to 6	<2.0	2.0	81	<1.0	<1.0	42	6.9	21	9.7	<0.10	<1.0	50	<1.0	<1.0	<1.0	31	45
E-NUT-K2	G464-1.5	76	1.5	3 to 6	<2.0	6.5	160	<1.0	<1.0	19	9.6	19	92	<0.10	<1.0	25	<1.0	<1.0	<1.0	30	58
E-NUT-K2	G464-2.5	76	2.5	3 to 6	<2.0	5.3	130	<1.0	<1.0	13	8.2	16	29	<0.10	<1.0	21	<1.0	<1.0	<1.0	24	40
E-NUT-K3	G465-0	76	0	6 to 9	<2.0	3.9	97	<1.0	<1.0	34	7.1	35	22	<0.10	<1.0	40	<1.0	<1.0	<1.0	28	130
E-NUT-K3	G465-0.5	76	0.5	6 to 9	<2.0	12	160	<1.0	<1.0	19	8.7	21	37	<0.10	<1.0	20	<1.0	<1.0	<1.0	34	49
E-NUT-K3	G465-1.5	76	1.5	6 to 9	<2.0	13	160	<1.0	<1.0	17	6.9	20	10	<0.10	<1.0	18	<1.0	<1.0	<1.0	33	45
E-NUT-K3	G465-2.5	76	2.5	6 to 9	<2.0	2.9	120	<1.0	<1.0	12	6.2	14	7.5	<0.10	<1.0	12	<1.0	<1.0	<1.0	23	27
E-NUT-K4	G466-0	76	0	>9	<2.0	4.5	100	<1.0	<1.0	28	7.8	18	13	<0.10	<1.0	44	<1.0	<1.0	<1.0	28	63
E-NUT-K4	G466-0.5	76	0.5	>9	<2.0	4.5	110	<1.0	<1.0	34	6.8	15	88	<0.10	<1.0	51	<1.0	<1.0	<1.0	29	53
E-NUT-K4	G466-1.5	76	1.5	>9	<2.0	3.7	170	<1.0	<1.0	14	8.2	17	7.9	<0.10	<1.0	14	<1.0	<1.0	<1.0	30	32
E-NUT-K4	G466-2.5	76	2.5	>9	<2.0	4.0	150	<1.0	<1.0	15	9.1	18	8.6	<0.10	<1.0	18	<1.0	<1.0	<1.0	30	36
E-NUT-K5	G467-0	76	0	>9	<2.0	2.4	100	<1.0	<1.0	21	6.2	19	19	<0.10	<1.0	38	<1.0	<1.0	<1.0	18	100
E-NUT-K5	G467-0.5	76	0.5	>9	<2.0	3.0	110	<1.0	<1.0	16	5.1	17	80	<0.10	<1.0	14	<1.0	<1.0	<1.0	27	42
E-NUT-K5	G467-1.5	76	1.5	>9	<2.0	4.2	150	<1.0	<1.0	15	8.4	17	18	<0.10	<1.0	15	<1.0	<1.0	<1.0	29	37
E-NUT-K5	G467-2.5	76	2.5	>9	<2.0	2.3	160	<1.0	<1.0	9.2	9.5	12	6.2	<0.10	<1.0	14	<1.0	<1.0	<1.0	19	19
E-NUT-K6	G468-0	76	0	>9	<2.0	6.2	130	<1.0	<1.0	15	7.8	21	13	<0.10	<1.0	17	<1.0	<1.0	<1.0	29	29
E-NUT-K6	G468-0.5	76	0.5	>9	<2.0	5.7	130	<1.0	<1.0	15	4.7	17	13	<0.10	<1.0	14	<1.0	<1.0	<1.0	30	36
E-NUT-K6	G468-1.5	76	1.5	>9	<2.0	2.4	110	<1.0	<1.0	11	7.8	13	5.9	<0.10	<1.0	12	<1.0	<1.0	<1.0	20	23
E-NUT-K6	G468-2.5	76	2.5	>9	<2.0	2.0	91	<1.0	<1.0	8.5	11	11	11	<0.10	<1.0	13	<1.0	<1.0	<1.0	17	19
E-NUT-L1	G510-0	76	0	0 to 3	<2.0	3.7	94	<1.0	<1.0	46	6.8	15	4.3	<0.10	<1.0	49	<1.0	<1.0	<1.0	31	44
E-NUT-L1	G510-0.5	76	0.5	0 to 3	<2.0	2.6	110	<1.0	<1.0	36	8.6	41	33	<0.10	1.8	62	<1.0	<1.0	<1.0	24	240
E-NUT-L1	G510-1.5	76	1.5	0 to 3	<2.0	5.7	140	<1.0	<1.0	21	8.3	18	130	<0.10	<1.0	33	<1.0	<1.0	<1.0	27	48
E-NUT-L1	G510-2.5	76	2.5	0 to 3	<2.0	6.7	160	<1.0	<1.0	18	9.4	22	10	<0.10	<1.0	19	<1.0	<1.0	<1.0	33	47

TABLE 4
Summary of CAM 17 Metals Results
SOL-80 Freeway Performance Initiative Project
Solano County, California

Boring ID	Sample ID	Dataset	Sample Depth (ft)	Distance from EOP (ft)	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Mercury	Molybdenum	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
E-NUT-L2	G511-0	76	0	3 to 6	<2.0	2.7	84	<1.0	<1.0	39	5.0	13	3.6	0.17	<1.0	37	<1.0	<1.0	<1.0	27	38
E-NUT-L2	G511-0.5	76	0.5	3 to 6	<2.0	2.3	72	<1.0	<1.0	31	6.1	21	19	<0.10	<1.0	40	<1.0	<1.0	<1.0	20	95
E-NUT-L2	G511-1.5	76	1.5	3 to 6	<2.0	4.8	51	<1.0	<1.0	37	7.3	9.1	21	<0.10	<1.0	61	<1.0	<1.0	<1.0	22	27
E-NUT-L2	G511-2.5	76	2.5	3 to 6	<2.0	6.8	130	<1.0	<1.0	14	5.8	20	9.7	<0.10	<1.0	16	<1.0	<1.0	<1.0	28	38
E-NUT-L3	G512-0	76	0	6 to 9	<2.0	2.0	76	<1.0	<1.0	36	7.4	17	15	<0.10	<1.0	48	<1.0	<1.0	<1.0	33	50
E-NUT-L3	G512-0.5	76	0.5	6 to 9	<2.0	3.2	41	<1.0	<1.0	13	5.0	7.1	6.3	<0.10	<1.0	19	<1.0	<1.0	<1.0	17	27
E-NUT-L3	G512-1.5	76	1.5	6 to 9	<2.0	8.2	170	<1.0	<1.0	17	8.6	21	60	<0.10	<1.0	20	<1.0	<1.0	<1.0	32	48
E-NUT-L3	G512-2.5	76	2.5	6 to 9	<2.0	4.9	180	<1.0	<1.0	18	8.7	21	8.2	<0.10	<1.0	20	<1.0	<1.0	<1.0	33	44
E-NUT-L4	G513-0	76	0	>9	<2.0	5.0	110	<1.0	<1.0	27	7.4	24	18	<0.10	<1.0	37	<1.0	<1.0	<1.0	27	80
E-NUT-L4	G513-0.5	76	0.5	>9	<2.0	4.3	160	<1.0	<1.0	19	7.2	22	14	<0.10	<1.0	20	<1.0	<1.0	<1.0	35	47
E-NUT-L4	G513-1.5	76	1.5	>9	<2.0	2.7	110	<1.0	<1.0	8.0	20	9.6	7.2	<0.10	<1.0	18	<1.0	<1.0	<1.0	23	17
E-NUT-L4	G513-2.5	76	2.5	>9	<2.0	2.2	120	<1.0	<1.0	8.8	9.8	11	5.9	<0.10	<1.0	13	<1.0	<1.0	<1.0	20	16
E-NUT-M1	G514-0	76	0	0 to 3	<2.0	2.1	70	<1.0	<1.0	26	5.1	11	3.0	<0.10	<1.0	36	<1.0	<1.0	<1.0	25	47
E-NUT-M1	G514-0.5	76	0.5	0 to 3	<2.0	4.0	63	<1.0	<1.0	18	6.7	10	11	<0.10	<1.0	29	<1.0	<1.0	<1.0	22	28
E-NUT-M1	G514-1.5	76	1.5	0 to 3	<2.0	2.9	20	<1.0	<1.0	15	4.1	3.9	3.2	<0.10	<1.0	12	<1.0	<1.0	<1.0	15	18
E-NUT-M1	G514-2.5	76	2.5	0 to 3	<2.0	5.7	140	<1.0	<1.0	14	7.6	16	10	<0.10	<1.0	15	<1.0	<1.0	<1.0	28	35
E-NUT-M2	G515-0	76	0	3 to 6	<2.0	2.7	96	<1.0	<1.0	41	7.5	19	10	0.87	<1.0	51	<1.0	<1.0	<1.0	37	46
E-NUT-M2	G515-0.5	76	0.5	3 to 6	<2.0	3.2	43	<1.0	<1.0	24	5.5	8.9	17	0.89	<1.0	31	<1.0	<1.0	<1.0	20	29
E-NUT-M2	G515-1.5	76	1.5	3 to 6	<2.0	5.0	98	<1.0	<1.0	40	10	16	70	<0.10	<1.0	67	<1.0	<1.0	<1.0	27	45
E-NUT-M2	G515-2.5	76	2.5	3 to 6	<2.0	5.7	150	<1.0	<1.0	14	9.2	17	11	0.12	<1.0	16	<1.0	<1.0	<1.0	29	36
E-NUT-M3	G516-0	76	0	6 to 9	<2.0	3.4	48	<1.0	<1.0	15	4.8	8.2	7.1	<0.10	<1.0	20	<1.0	<1.0	<1.0	19	25
E-NUT-M3	G516-0.5	76	0.5	6 to 9	<2.0	4.5	110	<1.0	<1.0	20	7.2	16	95	<0.10	<1.0	30	<1.0	<1.0	<1.0	25	46
E-NUT-M3	G516-1.5	76	1.5	6 to 9	<2.0	4.6	190	<1.0	<1.0	15	11	18	21	<0.10	<1.0	18	<1.0	<1.0	<1.0	31	39
E-NUT-M3	G516-2.5	76	2.5	6 to 9	<2.0	2.7	96	<1.0	<1.0	9.1	8.3	10	6.4	<0.10	<1.0	10	<1.0	<1.0	<1.0	23	17
E-NUT-M4	G517-0	76	0	>9	<2.0	4.6	76	<1.0	<1.0	19	6.0	17	33	<0.10	<1.0	24	<1.0	<1.0	<1.0	22	84
E-NUT-M4	G517-0.5	76	0.5	>9	<2.0	5.0	110	<1.0	<1.0	26	9.2	16	99	<0.10	<1.0	38	<1.0	<1.0	<1.0	25	47
E-NUT-M4	G517-1.5	76	1.5	>9	<2.0	6.4	140	<1.0	<1.0	19	6.9	19	150	<0.10	<1.0	22	<1.0	<1.0	<1.0	27	67
E-NUT-M4	G517-2.5	76	2.5	>9	<2.0	4.7	140	<1.0	<1.0	13	15	16	85	<0.10	<1.0	19	<1.0	<1.0	<1.0	27	40
E-NUT-N1	G518-0	76	0	0 to 3	<2.0	2.5	88	<1.0	<1.0	43	7.7	15	4.7	<0.10	<1.0	69	<1.0	<1.0	<1.0	32	35
E-NUT-N1	G518-0.5	76	0.5	0 to 3	<2.0	3.0	24	<1.0	<1.0	9.6	5.2	4.2	2.5	<0.10	<1.0	15	<1.0	<1.0	<1.0	15	20
E-NUT-N1	G518-1.5	76	1.5	0 to 3	<2.0	4.8	170	<1.0	<1.0	32	12	18	120	<0.10	<1.0	62	<1.0	<1.0	<1.0	33	55
E-NUT-N1	G518-2.5	76	2.5	0 to 3	<2.0	6.3	180	<1.0	<1.0	13	6.3	19	30	<0.10	<1.0	16	<1.0	<1.0	<1.0	29	40
E-NUT-N2	G519-0	76	0	6 to 9	<2.0	2.7	67	<1.0	<1.0	28	6.2	24	16	<0.10	<1.0	42	<1.0	<1.0	<1.0	26	110
E-NUT-N2	G519-0.5	76	0.5	6 to 9	<2.0	3.2	47	<1.0	<1.0	23	6.6	9.1	33	<0.10	<1.0	44	<1.0	<1.0	<1.0	20	27
E-NUT-N2	G519-1.5	76	1.5	6 to 9	<2.0	3.6	100	<1.0	<1.0	51	9.4	15	130	<0.10	<1.0	66	<1.0	<1.0	<1.0	20	54
E-NUT-N2	G519-2.5	76	2.5	6 to 9	<2.0	2.2	110	<1.0	<1.0	10	6.1	12	13	<0.10	<1.0	12	<1.0	<1.0	<1.0	23	21

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Solano County, California

Boring ID	Sample ID	Dataset	Sample Depth (ft)	Distance from EOP (ft)	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Mercury	Molybdenum	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
E-NUT-O1	G520-0	76	0	0 to 3	<2.0	3.0	76	<1.0	<1.0	41	7.4	21	9.8	<0.10	<1.0	51	<1.0	<1.0	<1.0	32	49
E-NUT-O1	G520-0.5	76	0.5	0 to 3	<2.0	2.9	23	<1.0	<1.0	9.1	4.3	4.2	3.5	<0.10	<1.0	11	<1.0	<1.0	<1.0	15	19
E-NUT-O1	G520-1.5	76	1.5	0 to 3	<2.0	4.4	130	<1.0	<1.0	18	7.9	21	430	<0.10	<1.0	22	<1.0	<1.0	<1.0	25	100
E-NUT-O1	G520-2.5	76	2.5	0 to 3	<2.0	4.6	140	<1.0	<1.0	12	8.0	15	20	<0.10	<1.0	16	<1.0	<1.0	<1.0	26	37
E-NUT-P1	G521-0	76	0	0 to 3	<2.0	1.3	39	<1.0	<1.0	19	5.4	8.4	2.7	<0.10	<1.0	40	<1.0	<1.0	<1.0	29	150
E-NUT-P1	G521-0.5	76	0.5	0 to 3	<2.0	3.4	31	<1.0	<1.0	14	9.7	6.1	5.5	<0.10	<1.0	25	<1.0	<1.0	<1.0	18	22
E-NUT-P1	G521-1.5	76	1.5	0 to 3	<2.0	2.4	33	<1.0	<1.0	14	4.1	5.0	9.7	<0.10	<1.0	33	<1.0	<1.0	<1.0	14	20
E-NUT-P1	G521-2.5	76	2.5	0 to 3	<2.0	5.5	130	<1.0	<1.0	15	6.7	17	250	<0.10	<1.0	16	<1.0	<1.0	<1.0	23	57
				ESLs																	
				Residential Land Use	6.3	0.39	750	4.0	1.7	750	40	230	200	1.3	40	150	10	20	1.3	16	600
				Comm/Ind Land Use	40	1.6	1,500	8.0	7.4	750	80	230	750	10	40	150	10	40	16	200	600
				Construction Exposure	310	15	2,600	98	39	1,200,000	94	310,000	750	58	78	260	3,900	3,900	62	770	230,000
				Hazardous Waste Criteria																	
				TTLC	500	500	10,000	75	100	2,500	8,000	2,500	1,000	20	3,500	2,000	100	500	700	2,400	5,000
				STLC	15	5.0	100	0.75	1.0	5.0	80	25	5.0	0.2	350	20	1.0	5.0	7.0	24	250
				TCLP	---	5.0	100	---	1.0	6.0	---	---	5.0	0.2	---	---	1.0	5.0	---	---	---

Notes:

Results are shown in milligrams per kilogram (mg/kg).
ESL Values listed for chromium are for Chromium III, as there is no standard for total chromium
< = Analyte was not detected above the laboratory reporting limit.
ESLs = Environmental Screening Levels, Tables A and K-3, SFRWQCB, Revised May 2008.
TTLC = Total Threshold Limit Concentration
STLC = Soluble Threshold Limit Concentration
TCLP = Toxicity Characteristic Leaching Procedure
--- = not analyzed or no standard exists for this compound
EOP = Edge of pavement

TABLE 5
Summary of Other Soluble Metals Results
SOL-80 Freeway Performance Initiative Project
Solano County, California

Boring ID	Sample ID	Dataset	Sample Depth (ft)	Distance from EOP (ft)	Total Barium (mg/kg)	WET Barium (mg/l)	Total Chromium (mg/kg)	WET Chromium (mg/l)	Total Mercury (mg/kg)	WET Mercury (mg/l)	TCLP Mercury (mg/l)	Total Nickel (mg/kg)	WET Nickel (mg/l)
W-R37-A1	G15-0	5	0	0 to 3	48	---	22	---	2.0	<1.0	---	26	---
W-R37-A1	G15-2.5	5	2.5	0 to 3	42	---	29	---	2.0	<1.0	---	30	---
W-R37-C1	G17-0	5	0	0 to 3	23	---	14	---	28	<1.0	---	26	---
W-R37-C2	G18-0	5	0	3 to 6	40	---	18	---	2.3	<1.0	---	22	---
W-R37-C2	G18-2.5	5	2.5	3 to 6	48	---	17	---	2.1	<1.0	---	19	---
W-R37-D1	G19-0	5	0	0 to 3	25	---	12	---	3.5	<1.0	---	22	---
W-R37-D1	G19-0.5	5	0.5	0 to 3	48	---	12	---	7.8	<1.0	---	14	---
W-R37-D2	G20-1.5	5	1.5	3 to 6	47	---	19	---	4.8	<1.0	---	24	---
W-R37-E2	G22-0.5	5	0.5	3 to 6	43	---	23	---	2.7	<1.0	---	28	---
W-R37-F1	G23-0.5	5	0.5	0 to 3	73	---	13	---	6.3	<1.0	---	15	---
W-R37-F2	G24-2.5	5	2.5	6 to 9	27	---	11	---	2.3	<1.0	---	13	---
W-R37-G1	G33-0.5	5	0.5	0 to 3	27	---	14	---	2.9	<1.0	---	11	---
W-R37-G1	G33-1.5	5	1.5	0 to 3	20	---	9.7	---	7.8	<1.0	---	13	---
W-R37-I1	G40-0.5	5	0.5	0 to 3	88	---	11	---	4.2	<1.0	---	15	---
W-R37-J1	G47-0	5	0	0 to 3	25	---	13	---	2.8	<1.0	---	15	---
W-R37-J1	G47-0.5	5	0.5	0 to 3	26	---	14	---	5.3	<1.0	---	12	---
W-R37-J2	G48-0.5	5	0.5	3 to 6	98	---	13	---	5.3	<1.0	---	16	---
W-R37-J3	G49-0.5	5	0.5	6 to 9	1,000	13	40	---	<0.10	---	---	58	---
W-R37-O4	G71-1.5	5	1.5	>9	16	---	54	<1.0	0.30	---	---	55	---
W-R37-P1	G72-0.5	5	0.5	0 to 3	25	---	21	---	8.4	<1.0	---	16	---
W-R37-P1	G72-1.5	5	1.5	0 to 3	45	---	11	---	2.0	<1.0	---	13	---
W-R37-P2	G73-1.5	5	1.5	3 to 6	330	---	34	---	15	<1.0	---	56	---
W-R37-R1	G80-0.5	5	0.5	0 to 3	9.0	---	12	---	35	<1.0	1.2	9.3	---
W-R37-S1	G84-2.5	5	2.5	0 to 3	8.6	---	8.2	---	4.7	<1.0	<0.20	10	---

TABLE 5
Summary of Other Soluble Metals Results
SOL-80 Freeway Performance Initiative Project
Solano County, California

Boring ID	Sample ID	Dataset	Sample Depth (ft)	Distance from EOP (ft)	Total Barium (mg/kg)	WET Barium (mg/l)	Total Chromium (mg/kg)	WET Chromium (mg/l)	Total Mercury (mg/kg)	WET Mercury (mg/l)	TCLP Mercury (mg/l)	Total Nickel (mg/kg)	WET Nickel (mg/l)
W-R37-T2	G89-0	5	0	3 to 6	25	---	16	---	3.4	<1.0	---	14	---
W-R37-T2	G89-0.5	5	0.5	3 to 6	21	---	8.8	---	4.6	<1.0	<0.20	11	---
W-R37-U1	G92-0	5	0	0 to 3	32	---	13	---	2.1	<1.0	---	20	---
W-R37-U1	G92-2.5	5	2.5	0 to 3	7.1	---	6.9	---	2.5	<1.0	---	9.4	---
W-R37-FL1	G25-0	8	0	0 to 3	25	---	11	---	5.3	<1.0	<0.20	12	---
W-R37-FL1	G25-0.5	8	0.5	0 to 3	18	---	12	---	4.1	<1.0	<0.20	9.8	---
W-R37-GL1	G34-0	8	0	0 to 3	51	---	25	---	13	<1.0	<0.20	20	---
W-R37-GL1	G34-0.5	8	0.5	0 to 3	12	---	9.3	---	3.2	<1.0	---	14	---
W-R37-GL1	G34-1.5	8	1.5	0 to 3	18	---	13	---	3.4	<1.0	---	9.6	---
W-R37-HL1	G38-0.5	8	0.5	0 to 3	18	---	15	---	6.7	<1.0	<0.20	13	---
W-R37-HL1	G38-1.5	8	1.5	0 to 3	16	---	13	---	6.5	<1.0	<0.20	9.5	---
W-R37-HL2	G39-1.5	8	1.5	3 to 6	35	---	74	<1.0	0.11	---	---	51	---
W-R37-IL1	G45-0	8	0	0 to 3	24	---	22	---	2.3	<1.0	---	12	---
W-R37-IL1	G45-0.5	8	0.5	0 to 3	24	---	17	---	2.5	<1.0	---	23	---
W-R37-JL1	G50-0.5	8	0.5	0 to 3	25	---	13	---	5.2	<1.0	<0.20	13	---
W-505-SL1	G420-0	72	0	0 to 3	100	---	60	<1.0	<0.10	---	---	61	---
W-505-SL1	G420-0.5	72	0.5	0 to 3	72	---	81	<1.0	0.28	---	---	87	---
W-505-SL1	G420-1.5	72	1.5	0 to 3	80	---	90	<1.0	0.22	---	---	150	---
W-505-TL1	G422-0	72	0	0 to 3	91	---	64	<1.0	<0.10	---	---	81	---
W-505-TL1	G422-0.5	72	0.5	0 to 3	78	---	72	<1.0	0.11	---	---	120	---
W-505-UL1	G424-0.5	72	0.5	0 to 3	81	---	60	<1.0	0.14	---	---	84	---
W-505-UL1	G424-2.5	72	2.5	0 to 3	74	---	150	<1.0	0.26	---	---	280	1.8
W-505-VL1	G426-0	72	0	0 to 3	110	---	57	<1.0	<0.10	---	---	64	---
W-505-VL1	G426-1.5	72	1.5	0 to 3	75	---	180	<1.0	<0.10	---	---	250	1.2
W-505-R1	G417-0	73	0	3 to 6	110	---	69	<1.0	<0.10	---	---	130	---
E-NUT-E1	G446-0.5	76	0.5	0 to 3	99	---	52	<1.0	<0.10	---	---	89	---
E-NUT-F1	G447-0	76	0	0 to 3	67	---	57	<1.0	<0.10	---	---	85	---

TABLE 5
Summary of Other Soluble Metals Results
SOL-80 Freeway Performance Initiative Project
Solano County, California

Boring ID	Sample ID	Dataset	Sample Depth (ft)	Distance from EOP (ft)	Total Barium (mg/kg)	WET Barium (mg/l)	Total Chromium (mg/kg)	WET Chromium (mg/l)	Total Mercury (mg/kg)	WET Mercury (mg/l)	TCLP Mercury (mg/l)	Total Nickel (mg/kg)	WET Nickel (mg/l)
E-NUT-G1	G448-0.5	76	0.5	0 to 3	58	---	52	<1.0	0.13	---	---	66	---
E-NUT-H1	G449-0.5	76	0.5	0 to 3	65	---	52	<1.0	0.22	---	---	73	---
E-NUT-I1	G451-1.5	76	1.5	0 to 3	51	---	260	<1.0	<0.10	---	---	170	---
E-NUT-I2	G452-0	76	0	3 to 6	98	---	55	<1.0	<0.10	---	---	55	---
E-NUT-I2	G452-0.5	76	0.5	3 to 6	84	---	89	<1.0	0.23	---	---	140	---
E-NUT-I2	G452-1.5	76	1.5	3 to 6	98	---	110	<1.0	0.13	---	---	200	2.5
E-NUT-J1	G457-0	76	0	0 to 3	91	---	53	<1.0	<0.10	---	---	50	---
E-NUT-J1	G457-0.5	76	0.5	0 to 3	63	---	54	<1.0	<0.10	---	---	89	---
E-NUT-J1	G457-1.5	76	1.5	0 to 3	75	---	60	<1.0	<0.10	---	---	78	---
E-NUT-J2	G458-0	76	0	3 to 6	110	---	84	<1.0	<0.10	---	---	76	---
E-NUT-K1	G463-0	76	0	0 to 3	110	---	51	<1.0	<0.10	---	---	53	---
E-NUT-N2	G519-1.5	76	1.5	6 to 9	100	---	51	<1.0	<0.10	---	---	66	---
				Hazardous Waste Criteria									
				TTLC (mg/kg)	10,000	---	2,500*	---	20	---	---	2,000	---
				STLC (mg/l)	---	100	---	5.0*	---	0.2	---	---	20
				TCLP (mg/l)	---	---	---	---	---	---	0.2	---	---

Notes:

EOP = Edge of pavement
mg/kg = Milligrams per kilogram
mg/l = Milligrams per liter
--- = Not analyzed or no standard
< = Not detected above the laboratory reporting limit
WET = Waste Extraction Test using citric acid as the extraction fluid
DI-WET = Waste Extraction Test using deionized water as the extraction fluid
TCLP = Toxicity Characteristic Leaching Procedure
TTLC = Total Threshold Limit Concentration
STLC = Soluble Threshold Limit Concentration
* = Values listed for chromium are for Chromium III, as there is no standard for total chromium
STLC = Soluble Threshold Limit Concentration

TABLE 6
Summary of Hexavalent Chromium Results
SOL-80 Freeway Performance Initiative Project
Solano County, California

Boring ID	Sample ID	Dataset	Sample Depth (ft)	Distance from EOP (ft)	Hexavalent Chromium (mg/kg)
E-MV1-TEN-01	G1-0	1	0	0 to 3	<1.0
E-CC2	G8-0	3	0	>9	<1.0
W-MV2-RED-01	G9-0	4	0	0 to 3	<1.0
W-R37-A1	G15-0	5	0	0 to 3	<1.0
E-MV3-01	G27-0	6	0	0 to 3	<1.0
W-MV3C-LOOP-01	G108-0	9	0	0 to 3	<1.0
E-MV3B-01	G102-0	10	0	0 to 3	<1.0
E-MV3A-01	G96-0	11	0	0 to 3	<1.0
W-MV4-01	G115-0	13	0	0 to 3	<1.0
E-MV5-AME-01	G122-0	17	0	0 to 3	<1.0
W-MV7A-01	G135-0	18	0	0 to 3	<1.0
E-CC9-01	G143-0	21	0	>9	<1.0
W-MV9-01	G145-0	24	0	0 to 3	<1.0
E-MV11-01	G153-0	26	0	0 to 3	<1.0
W-MV12-01	G160-0	28	0	0 to 3	<1.0
E-MV13-01	G167-0	30	0	0 to 3	<1.0
E-MV14-01	G174-0	33	0	0 to 3	<1.0
E-MV15-01	G181-0	34	0	0 to 3	<1.0
E-MV16-01	G189-0	38	0	0 to 3	<1.0
E-MV17-01	G196-0	39	0	0 to 3	<1.0
W-MV19A-TEX-01	G204-0	43	0	0 to 3	<1.0
W-MV20-01	G211-0	45	0	0 to 3	<1.0
E-MV21-01	G218-0	48	0	0 to 3	<1.0
W-MV23-01	G237-0	51	0	0 to 3	1.1
E-MV22-01	G231-0	52	0	0 to 3	<1.0
W-MV25-01	G250-0	54	0	0 to 3	1.0
W-MV26A-01	G258-0	56	0	0 to 3	<25
E-MV26B-01	G316-0	58	0	0 to 3	<1.0
E-MV27A-01	G322-0	60	0	0 to 3	<1.0

TABLE 6
Summary of Hexavalent Chromium Results
SOL-80 Freeway Performance Initiative Project
Solano County, California

Boring ID	Sample ID	Dataset	Sample Depth (ft)	Distance from EOP (ft)	Hexavalent Chromium (mg/kg)
E-MV28-01	G329-0	61	0	0 to 3	<1.0
W-MV28A-01	G335-0	64	0	0 to 3	<1.0
W-MV29-01	G404-0	68	0	0 to 3	<1.0
E-MV31-01	G398-0	69	0	0 to 3	<1.0
W-MV-MONTE-01	G411-0	70	0	0 to 3	<1.0
E-MV32-01	G429-0	74	0	0 to 3	<1.0

ESLs	
Residential Land Use	8.0
Comm/Ind Land Use	8.0
Construction Exposure	0.53
Hazardous Waste Criteria	
TTLC	500
STLC	5.0
TCLP	---

Notes:

Results are shown in milligrams per kilogram (mg/kg).
< = Analyte was not detected above the laboratory reporting limit.
ESLs = Environmental Screening Levels, Tables A and K-3, SFRWQCB, Revised May 2008.
TTLC = Total Threshold Limit Concentration
STLC = Soluble Threshold Limit Concentration
TCLP = Toxicity Characteristic Leaching Procedure
--- = not analyzed or no standard exists for this compound
EOP = Edge of pavement

TABLE 7
Summary of Soil/Groundwater Interface and Groundwater Sample Results, Boring E-CM3
SOL-80 Freeway Performance Initiative Project
Solano County, California

Sample ID	Sample Depth (ft)	TPHd	TPHmo	TPHg	BTEX	MTBE	Total Lead
Interface Soil Sample							
E-CM3-Interface	11.5	<1.0 mg/kg	<1.0 mg/kg	<1.0 mg/kg	ND	<5.0 µg/kg	6.8 mg/kg
	ESLs for Soil	(mg/kg)	(mg/kg)	(mg/kg)	---	(µg/kg)	(mg/kg)
	Residential	83	370	83	---	23	200
	Commercial/Industrial	83	2,500	83	---	23	750
	Construction Exposure	4,200	12,000	4,200	---	5,000	750
Grab-Groundwater Sample							
E-CM3-GW	GW	<0.05 mg/l	<0.05 mg/l	0.06 mg/l	ND	<0.50 µg/l	0.82 mg/l
	ESLs for Groundwater	(mg/l)	(mg/l)	(mg/l)	---	(µg/l)	(mg/l)
	GW is current/potential source	0.10	0.10	0.10	---	5.0	0.0025
	GW not current/potential source	0.21	0.21	0.21	---	1,800	0.0025
	Surface Water - Freshwater	0.10	0.10	0.10	---	5.0	0.0025
	Surface Water - Marine	0.21	0.21	0.21	---	180	0.0056
	Surface Water - Estuarine	0.21	0.21	0.21	---	180	0.0025

Notes:

mg/kg = milligrams per kilogram
µg/kg = micrograms per kilogram
mg/l = milligrams per liter
µg/l = micrograms per liter
TPHg = Total petroleum hydrocarbons as gasoline
TPHd = Total petroleum hydrocarbons as diesel
TPHmo = Total petroleum hydrocarbons as motor oil
BTEX = Benzene, toluene, ethylbenzene, and xylenes
MTBE = Methyl tertiary-butyl ether
--- = Not Analyzed or no standard for this compound
< = Not detected above the stated laboratory reporting limit
ND = None detected
ESLs = Environmental Screening Levels (SFRWQCB, Screening for Environmental Concerns at Sites with Contaminated Soil and Groundwater, Interim Final, Table A, May 2008)

TABLE 8
Summary of Lead Statistical Analysis
SOL-80 Freeway Performance Initiative Project
Solano County, California

MVP, CCTV, and CMS Locations

Location	Dataset	90% UCL Total Lead (mg/kg)	Predicted WET Lead (mg/l)	95% UCL Total Lead (mg/kg)	Waste Classification
E-MV1-TEN	1	965.3	**52.3**	1073	**Hazardous 0 to 1 ft bgs**
E-CC1-TEN	2	190.9	**10.3**	199	**Hazardous 0 to 4 ft bgs**
E-CC2	3	250 (1)	**13.6**	---	**Hazardous 0 to 0.5 ft bgs**
W-MV2-RED	4	95.51	**5.2**	101	**Hazardous 0 to 1 ft bgs**
E-MV3	6	236.2	**12.8**	248	**Hazardous 0 to 1 ft bgs**
E-CC4	7	15.6	0.8	16.9	Non-hazardous
W-MV30-LOOP	9	38.09	2.1	40.5	Non-hazardous
E-MV3B	10	42.36	2.3	44.8	Non-hazardous
E-MV3A	11	256.4	**13.9**	273	**Hazardous 0 to 1 ft bgs**
W-CC5	12	11.62	0.6	11.9	Non-hazardous
W-MV4	13	200.7	**10.9**	211.4	**Hazardous 0 to 1 ft bgs**
W-CC6	14	69 (1)	3.7	---	Non-hazardous
W-MV6-AME	15	220.6	**12.0**	236	**Hazardous 0 to 1 ft bgs**
W-CM1	16	47	2.5	51.3	Non-hazardous
E-MV5-AME	17	74.06	4.0	80.3	Non-hazardous
W-MV7A	18	230.2	**12.5**	251	**Hazardous 0 to 1 ft bgs**
W-CC7	19	27.37	1.5	30	Non-hazardous
W-CC8	20	47 (1)	2.5	---	Non-hazardous
E-CC9	21	38.03	2.1	42.29	Non-hazardous
E-CM2	22	76.71	4.2	84.17	Non-hazardous
W-CC10	23	60.7	3.3	67.6	Non-hazardous
W-MV9	24	118	**6.4**	128	**Hazardous 0 to 1 ft bgs**
E-CC11	25	52.34	2.8	57.3	Non-hazardous
E-MV11	26	63.03	3.4	65.83	Non-hazardous
E-CM3	27	110	**6.0**	123.6	**Hazardous 0 to 1.5 ft bgs**
W-CC12	28	15	0.8	16.1	Non-hazardous
W-MV12	29	17.1	0.9	18.1	Non-hazardous
E-MV13	30	49.48	2.7	52.72	Non-hazardous
E-CC13	31	12.13	0.7	12.7	Non-hazardous
E-CC14	32	8.6 (1)	0.5	---	Non-hazardous
E-MV14	33	36.88	2.0	39.31	Non-hazardous
E-MV15	34	166.1	**9.0**	184.1	**Hazardous 0 to 1 ft bgs**
E-CC15	35	35.82	1.9	36.96	Non-hazardous
W-CC16	36	22.23	1.2	24	Non-hazardous
E-CC17	37	51.66	2.8	56.7	Non-hazardous
E-MV16	38	441	**23.9**	490	**Hazardous 0 to 1 ft bgs**
E-MV17	39	110	**6.0**	116.9	**Hazardous 0 to 1 ft bgs**
E-CC18	40	15.52	0.8	16.25	Non-hazardous
E-CC19	41	79.84	4.3	88.8	Non-hazardous
E-CC20-TEX	42	30 (1)	1.6	---	Non-hazardous
W-MV19A-TEX	43	103.9	**5.6**	111	**Hazardous 0 to 1 ft bgs**

TABLE 8
Summary of Lead Statistical Analysis
SOL-80 Freeway Performance Initiative Project
Solano County, California

MVP, CCTV, and CMS Locations

Location	Dataset	90% UCL Total Lead (mg/kg)	Predicted WET Lead (mg/l)	95% UCL Total Lead (mg/kg)	Waste Classification
W-CC21	44	110 (1)	**6.0**	---	**Hazardous 0 to 0.5 ft bgs**
W-MV20	45	183.8	**10.0**	190.8	**Hazardous 0 to 1 ft bgs**
W-MV21	46	270.8	**14.7**	296	**Hazardous 0 to 1 ft bgs**
E-CC22	47	50 (1)	2.7	---	Non-hazardous
E-MV21	48	39.04	2.1	41.17	Non-hazardous
W-MV24	49	61.53	3.3	65.2	Non-hazardous
W-CC23	50	36.41	2.0	40.02	Non-hazardous
W-MV23	51	166.3	**9.0**	178.1	**Hazardous 0 to 1 ft bgs**
E-MV22	52	155	**8.4**	169	**Hazardous 0 to 1 ft bgs**
W-CC24	53	22.47	1.2	23.77	Non-hazardous
W-MV25	54	289.3	**15.7**	321.4	**Hazardous 0 to 1 ft bgs**
W-MV26A	56	345.7	**18.7**	369.6	**Hazardous 0 to 1 ft bgs**
W-CC25	57	67.61	3.7	74.53	Non-hazardous
E-MV26B	58	92.51	**5.0**	97.9	**Hazardous 0 to 1 ft bgs**
E-CC26	59	67.28	3.6	76.43	Non-hazardous
E-MV27A	60	135.3	**7.3**	149.6	**Hazardous 0 to 1 ft bgs**
E-MV28	61	28.4	1.5	30.1	Non-hazardous
E-CC27	62	12.05	0.7	13.2	Non-hazardous
E-CM4-CLIF	63	18.12	1.0	20.04	Non-hazardous
W-MV28A	64	91.81	**5.0**	97.5	**Hazardous 0 to 1 ft bgs**
E-MV30-LOOP	66	7.53	0.4	7.66	Non-hazardous
W-CC28	67	7.2 (1)	0.4	---	Non-hazardous
W-MV29	68	21.37	1.2	22.55	Non-hazardous
E-MV31	69	14.54	0.8	15.43	Non-hazardous
W-MV-MONTE	70	13.25	0.7	13.9	Non-hazardous
W-CC29	71	18.54	1.0	19	Non-hazardous
E-MV32	74	33.2	1.8	35.2	Non-hazardous
E-CC30	75	26.7	1.4	30.3	Non-hazardous

Notes:

UCL = Upper Confidence Limit (90% UCL is applicable for waste classification; 95% UCL applicable for risk assessment)
(1) = UCLs not calculated due to insufficient data set. Maximum lead concentration used.
mg/kg = milligrams per kilogram
mg/l = milligrams per liter
WET lead concentrations are predicted using slope of regression line y = 0.0542x.
MVP = Maintenance Vehicle Pullout
CCTV = Closed Circuit Television
CMS = Changeable Message Sign
bgs = below ground surface

TABLE 9a
Summary of Lead Statistical Analysis
SOL-80 Freeway Performance Initiative Project
Solano County, California

W-R37 (Dataset 5) - 0 to 3 ft from EOP

TOTAL LEAD

Sample Interval	90% UCL	95% UCL
0 to 0.5 ft	158.1	170
0.5 to 1 ft	4.184	4.665
1.5 to 2 ft	3.993	4.4
2.5 to 3 ft	3.482	3.76

EXCAVATION SCENARIOS

	Weighted Averages		
Excavation Depth	90% UCL Total Lead (mg/kg)	90% UCL WET Lead* (mg/l)	95% UCL Total Lead (mg/kg)
0 to 0.5 ft	158.1	7.1	170.0
Underlying Soil (0.5 to 3 ft)	*4.0*	*0.2*	*4.4*
0 to 1.5 ft	55.5	2.5	59.8
Underlying Soil (1.5 to 3 ft)	*3.8*	*0.2*	*4.2*
0 to 2.5 ft	34.9	1.6	37.6
Underlying Soil (2.5 to 3 ft)	*3.5*	*0.2*	*3.8*
0 to 3 ft	29.7	1.3	32.0

Notes:
UCL = Upper Confidence Limit (90% UCL is applicable for waste classification; 95% UCL applicable for risk assessment)
mg/kg = milligrams per kilogram
mg/l = milligrams per liter
* = WET lead concentrations are predicted using slope of regression line,
where y = predicted WET lead and x = total lead.
EOP = Edge of pavement

Regression Line Slope: $y = 0.0451 \quad x$

TABLE 9b
Summary of Lead Statistical Analysis
SOL-80 Freeway Performance Initiative Project
Solano County, California

W-R37 (Dataset 5) - 3 to 6 ft from EOP

TOTAL LEAD

Sample Interval	90% UCL	95% UCL
0 to 0.5 ft	211.8	233
0.5 to 1 ft	28.21	30.5
1.5 to 2 ft	45.91	50
2.5 to 3 ft	112.3	126

EXCAVATION SCENARIOS

	Weighted Averages		
Excavation Depth	90% UCL Total Lead (mg/kg)	90% UCL WET Lead* (mg/l)	95% UCL Total Lead (mg/kg)
0 to 0.5 ft	211.8	9.6	233.0
Underlying Soil (0.5 to 3 ft)	*52.1*	*2.4*	*57.4*
0 to 1.5 ft	89.4	4.0	98.0
Underlying Soil (1.5 to 3 ft)	*68.0*	*3.1*	*75.3*
0 to 2.5 ft	72.0	3.2	78.8
Underlying Soil (2.5 to 3 ft)	*112.3*	*5.1*	*126.0*
0 to 3 ft	78.7	3.6	86.7

Notes:
UCL = Upper Confidence Limit (90% UCL is applicable for waste classification; 95% UCL applicable for risk assessment)
mg/kg = milligrams per kilogram
mg/l = milligrams per liter
* = WET lead concentrations are predicted using slope of regression line,
where y = predicted WET lead and x = total lead.
EOP = Edge of pavement

Regression Line Slope: $y = 0.0451 \quad x$

TABLE 9c
Summary of Lead Statistical Analysis
SOL-80 Freeway Performance Initiative Project
Solano County, California

W-R37 (Dataset 5) - 6 to 9 ft from EOP

TOTAL LEAD

Sample Interval	90% UCL	95% UCL
0 to 0.5 ft	48.18	52.4
0.5 to 1 ft	21.91	22.9
1.5 to 2 ft	56.29	61.5
2.5 to 3 ft	60.32	66.9

EXCAVATION SCENARIOS

	Weighted Averages		
Excavation Depth	90% UCL Total Lead (mg/kg)	90% UCL WET Lead* (mg/l)	95% UCL Total Lead (mg/kg)
0 to 0.5 ft	48.2	2.2	52.4
Underlying Soil (0.5 to 3 ft)	*43.3*	*2.0*	*47.1*
0 to 1.5 ft	30.7	1.4	32.7
Underlying Soil (1.5 to 3 ft)	*57.6*	*2.6*	*63.3*
0 to 2.5 ft	40.9	1.8	44.2
Underlying Soil (2.5 to 3 ft)	*60.3*	*2.7*	*66.9*
0 to 3 ft	44.2	2.0	48.0

Notes:
UCL = Upper Confidence Limit (90% UCL is applicable for waste classification; 95% UCL applicable for risk assessment)
mg/kg = milligrams per kilogram
mg/l = milligrams per liter
* = WET lead concentrations are predicted using slope of regression line,
where y = predicted WET lead and x = total lead.
EOP = Edge of pavement

Regression Line Slope: $y = 0.0451 \quad x$

TABLE 9d
Summary of Lead Statistical Analysis
SOL-80 Freeway Performance Initiative Project
Solano County, California

W-R37 (Dataset 5) - >9 ft from EOP

TOTAL LEAD

Sample Interval	90% UCL	95% UCL
0 to 0.5 ft	55.36	58.5
0.5 to 1 ft	68	72.3
1.5 to 2 ft	53.82	57.2
2.5 to 3 ft	60.21	65.2

EXCAVATION SCENARIOS

	Weighted Averages		
Excavation Depth	90% UCL Total Lead (mg/kg)	90% UCL WET Lead* (mg/l)	95% UCL Total Lead (mg/kg)
0 to 0.5 ft	55.4	2.5	58.5
Underlying Soil (0.5 to 3 ft)	*60.8*	*2.7*	*64.8*
0 to 1.5 ft	63.8	2.9	67.7
Underlying Soil (1.5 to 3 ft)	*56.0*	*2.5*	*59.9*
0 to 2.5 ft	59.8	2.7	63.5
Underlying Soil (2.5 to 3 ft)	*60.2*	*2.7*	*65.2*
0 to 3 ft	59.9	2.7	63.8

Notes:
UCL = Upper Confidence Limit (90% UCL is applicable for waste classification; 95% UCL applicable for risk assessment)
mg/kg = milligrams per kilogram
mg/l = milligrams per liter
* = WET lead concentrations are predicted using slope of regression line,
where y = predicted WET lead and x = total lead.
EOP = Edge of pavement

Regression Line Slope: $y = 0.0451 \quad x$

TABLE 10
Summary of Lead Statistical Analysis
SOL-80 Freeway Performance Initiative Project
Solano County, California

W-R37-L (Dataset 8)

TOTAL LEAD

Sample Interval	90% UCL	95% UCL
0 to 0.5 ft	184.3	203
0.5 to 1 ft	15.6	17
1.5 to 2 ft	13.01	14
2.5 to 3 ft	34.55	38.5

EXCAVATION SCENARIOS

	Weighted Averages		
Excavation Depth	90% UCL Total Lead (mg/kg)	90% UCL WET Lead* (mg/l)	95% UCL Total Lead (mg/kg)
0 to 0.5 ft	184.3	8.3	203.0
Underlying Soil (0.5 to 3 ft)	*18.4*	*0.8*	*20.1*
0 to 1.5 ft	71.8	3.2	79.0
Underlying Soil (1.5 to 3 ft)	*20.2*	*0.9*	*22.2*
0 to 2.5 ft	48.3	2.2	53.0
Underlying Soil (2.5 to 3 ft)	*34.6*	*1.6*	*38.5*
0 to 3 ft	46.0	2.1	50.6

Notes:
UCL = Upper Confidence Limit (90% UCL is applicable for waste classification; 95% UCL applicable for risk assessment)
mg/kg = milligrams per kilogram
mg/l = milligrams per liter
* = WET lead concentrations are predicted using slope of regression line,
where y = predicted WET lead and x = total lead.

Regression Line Slope: $y = 0.0451 \quad x$

TABLE 11a
Summary of Lead Statistical Analysis
SOL-80 Freeway Performance Initiative Project
Solano County, California

W-ALAM (Dataset 55) - 0 to 3 ft from EOP

TOTAL LEAD

Sample Interval	90% UCL	95% UCL
0 to 0.5 ft	317.6	348
0.5 to 1 ft	288.9	317
1.5 to 2 ft	45.16	48.8
2.5 to 3 ft	20.91	22

EXCAVATION SCENARIOS

	Weighted Averages		
Excavation Depth	90% UCL Total Lead (mg/kg)	90% UCL WET Lead* (mg/l)	95% UCL Total Lead (mg/kg)
0 to 0.5 ft	317.6	23.5	348.0
Underlying Soil (0.5 to 3 ft)	*137.8*	*10.2*	*150.7*
0 to 1.5 ft	298.5	22.1	327.3
Underlying Soil (1.5 to 3 ft)	*37.1*	*2.7*	*39.9*
0 to 2.5 ft	197.1	14.6	215.9
Underlying Soil (2.5 to 3 ft)	*20.9*	*1.5*	*22.0*
0 to 3 ft	167.8	12.4	183.6

Notes:
UCL = Upper Confidence Limit (90% UCL is applicable for waste classification; 95% UCL applicable for risk assessment)
mg/kg = milligrams per kilogram
mg/l = milligrams per liter
* = WET lead concentrations are predicted using slope of regression line,
where y = predicted WET lead and x = total lead.
EOP = Edge of pavement

Regression Line Slope: $y = 0.0741 \quad x$

TABLE 11b
Summary of Lead Statistical Analysis
SOL-80 Freeway Performance Initiative Project
Solano County, California

W-ALAM (Dataset 55) - 3 to 6 ft from EOP

TOTAL LEAD

Sample Interval	90% UCL	95% UCL
0 to 0.5 ft	608.2	653
0.5 to 1 ft	90.22	93.4
1.5 to 2 ft	51	53.7
2.5 to 3 ft	23.22	24.1

EXCAVATION SCENARIOS

	Weighted Averages		
Excavation Depth	90% UCL Total Lead (mg/kg)	90% UCL WET Lead* (mg/l)	95% UCL Total Lead (mg/kg)
0 to 0.5 ft	608.2	45.1	653.0
Underlying Soil (0.5 to 3 ft)	*61.1*	*4.5*	*63.7*
0 to 1.5 ft	262.9	19.5	279.9
Underlying Soil (1.5 to 3 ft)	*41.7*	*3.1*	*43.8*
0 to 2.5 ft	178.1	13.2	189.4
Underlying Soil (2.5 to 3 ft)	*23.2*	*1.7*	*24.1*
0 to 3 ft	152.3	11.3	161.9

Notes:
UCL = Upper Confidence Limit (90% UCL is applicable for waste classification; 95% UCL applicable for risk assessment)
mg/kg = milligrams per kilogram
mg/l = milligrams per liter
* = WET lead concentrations are predicted using slope of regression line,
where y = predicted WET lead and x = total lead.
EOP = Edge of pavement

Regression Line Slope: $y = 0.0741 \quad x$

TABLE 11c
Summary of Lead Statistical Analysis
SOL-80 Freeway Performance Initiative Project
Solano County, California

W-ALAM (Dataset 55) - 6 to 9 ft from EOP

TOTAL LEAD

Sample Interval	Maximum
0 to 0.5 ft	670
0.5 to 1 ft	63
1.5 to 2 ft	31
2.5 to 3 ft	24

EXCAVATION SCENARIOS

	Weighted Averages	
Excavation Depth	**Maximum Total Lead (mg/kg)**	**90% UCL WET Lead* (mg/l)**
0 to 0.5 ft	670.0	49.6
Underlying Soil (0.5 to 3 ft)	*42.4*	*3.1*
0 to 1.5 ft	265.3	19.7
Underlying Soil (1.5 to 3 ft)	*28.7*	*2.1*
0 to 2.5 ft	171.6	12.7
Underlying Soil (2.5 to 3 ft)	*24.0*	*1.8*
0 to 3 ft	147.0	10.9

Notes:
mg/kg = milligrams per kilogram
mg/l = milligrams per liter
* = WET lead concentrations are predicted using slope of regression line, where y = predicted WET lead and x = total lead.
EOP = Edge of pavement

Regression Line Slope: $y = 0.0741 \quad x$

TABLE 11d
Summary of Lead Statistical Analysis
SOL-80 Freeway Performance Initiative Project
Solano County, California

W-ALAM (Dataset 55) - >9 ft from EOP

TOTAL LEAD

Sample Interval	90% UCL	95% UCL
0 to 0.5 ft	444.7	465
0.5 to 1 ft	62.64	65
1.5 to 2 ft	26.88	27.8
2.5 to 3 ft	18.3	18.8

EXCAVATION SCENARIOS

	Weighted Averages		
Excavation Depth	90% UCL Total Lead (mg/kg)	90% UCL WET Lead* (mg/l)	95% UCL Total Lead (mg/kg)
0 to 0.5 ft	444.7	33.0	465.0
Underlying Soil (0.5 to 3 ft)	*39.5*	*2.9*	*40.9*
0 to 1.5 ft	190.0	14.1	198.3
Underlying Soil (1.5 to 3 ft)	*24.0*	*1.8*	*24.8*
0 to 2.5 ft	124.7	9.2	130.1
Underlying Soil (2.5 to 3 ft)	*18.3*	*1.4*	*18.8*
0 to 3 ft	107.0	7.9	111.6

Notes:
UCL = Upper Confidence Limit (90% UCL is applicable for waste classification; 95% UCL applicable for risk assessment)
mg/kg = milligrams per kilogram
mg/l = milligrams per liter
* = WET lead concentrations are predicted using slope of regression line,
where y = predicted WET lead and x = total lead.
EOP = Edge of pavement

Regression Line Slope: $y = 0.0741 \quad x$

TABLE 12a
Summary of Lead Statistical Analysis
SOL-80 Freeway Performance Initiative Project
Solano County, California

E-CLIF (Dataset 65) - 0 to 3 ft from EOP

TOTAL LEAD

Sample Interval	90% UCL	95% UCL
0 to 0.5 ft	829.7	890.3
0.5 to 1 ft	178	197
1.5 to 2 ft	136.2	154
2.5 to 3 ft	41.64	45.3

EXCAVATION SCENARIOS

	Weighted Averages		
Excavation Depth	90% UCL Total Lead (mg/kg)	90% UCL WET Lead* (mg/l)	95% UCL Total Lead (mg/kg)
0 to 0.5 ft	829.7	63.8	890.3
Underlying Soil (0.5 to 3 ft)	*134.0*	*10.3*	*149.5*
0 to 1.5 ft	395.2	30.4	428.1
Underlying Soil (1.5 to 3 ft)	*104.7*	*8.0*	*117.8*
0 to 2.5 ft	291.6	22.4	318.5
Underlying Soil (2.5 to 3 ft)	*41.6*	*3.2*	*45.3*
0 to 3 ft	250.0	19.2	272.9

Notes:
UCL = Upper Confidence Limit (90% UCL is applicable for waste classification; 95% UCL applicable for risk assessment)
mg/kg = milligrams per kilogram
mg/l = milligrams per liter
* = WET lead concentrations are predicted using slope of regression line,
where y = predicted WET lead and x = total lead.
EOP = Edge of pavement

Regression Line Slope: $y = 0.0769 \quad x$

TABLE 12b
Summary of Lead Statistical Analysis
SOL-80 Freeway Performance Initiative Project
Solano County, California

E-CLIF (Dataset 65) - 3 to 6 ft from EOP

TOTAL LEAD

Sample Interval	90% UCL	95% UCL
0 to 0.5 ft	42.03	45.3
0.5 to 1 ft	52.07	57.4
1.5 to 2 ft	23.96	26.5
2.5 to 3 ft	6.455	6.6

EXCAVATION SCENARIOS

	Weighted Averages		
Excavation Depth	90% UCL Total Lead (mg/kg)	90% UCL WET Lead* (mg/l)	95% UCL Total Lead (mg/kg)
0 to 0.5 ft	42.0	3.2	45.3
Underlying Soil (0.5 to 3 ft)	*31.7*	*2.4*	*34.9*
0 to 1.5 ft	48.7	3.7	53.4
Underlying Soil (1.5 to 3 ft)	*18.1*	*1.4*	*19.9*
0 to 2.5 ft	38.8	3.0	42.6
Underlying Soil (2.5 to 3 ft)	*6.5*	*0.5*	*6.6*
0 to 3 ft	33.4	2.6	36.6

Notes:
UCL = Upper Confidence Limit (90% UCL is applicable for waste classification; 95% UCL applicable for risk assessment)
mg/kg = milligrams per kilogram
mg/l = milligrams per liter
* = WET lead concentrations are predicted using slope of regression line,
where y = predicted WET lead and x = total lead.
EOP = Edge of pavement

Regression Line Slope: $y = 0.0769 \quad x$

TABLE 12c
Summary of Lead Statistical Analysis
SOL-80 Freeway Performance Initiative Project
Solano County, California

E-CLIF (Dataset 65) - 6 to 9 ft from EOP

TOTAL LEAD

Sample Interval	90% UCL	95% UCL
0 to 0.5 ft	93.44	101
0.5 to 1 ft	73.61	82.3
1.5 to 2 ft	12.83	13.7
2.5 to 3 ft	5.369	5.5

EXCAVATION SCENARIOS

	Weighted Averages		
Excavation Depth	90% UCL Total Lead (mg/kg)	90% UCL WET Lead* (mg/l)	95% UCL Total Lead (mg/kg)
0 to 0.5 ft	93.4	7.2	101.0
Underlying Soil (0.5 to 3 ft)	*35.6*	*2.7*	*39.5*
0 to 1.5 ft	80.2	6.2	88.5
Underlying Soil (1.5 to 3 ft)	*10.3*	*0.8*	*11.0*
0 to 2.5 ft	53.3	4.1	58.6
Underlying Soil (2.5 to 3 ft)	*5.4*	*0.4*	*5.5*
0 to 3 ft	45.3	3.5	49.8

Notes:
UCL = Upper Confidence Limit (90% UCL is applicable for waste classification; 95% UCL applicable for risk assessment)
mg/kg = milligrams per kilogram
mg/l = milligrams per liter
* = WET lead concentrations are predicted using slope of regression line,
where y = predicted WET lead and x = total lead.
EOP = Edge of pavement

Regression Line Slope: $y = 0.0769 \quad x$

TABLE 12d
Summary of Lead Statistical Analysis
SOL-80 Freeway Performance Initiative Project
Solano County, California

E-CLIF (Dataset 65) - >9 ft from EOP

TOTAL LEAD

Sample Interval	90% UCL	95% UCL
0 to 0.5 ft	19.39	21.1
0.5 to 1 ft	55.54	60.9
1.5 to 2 ft	14.81	16
2.5 to 3 ft	13.64	14.7

EXCAVATION SCENARIOS

	Weighted Averages		
Excavation Depth	90% UCL Total Lead (mg/kg)	90% UCL WET Lead* (mg/l)	95% UCL Total Lead (mg/kg)
0 to 0.5 ft	19.4	1.5	21.1
Underlying Soil (0.5 to 3 ft)	*30.9*	*2.4*	*33.7*
0 to 1.5 ft	43.5	3.3	47.6
Underlying Soil (1.5 to 3 ft)	*14.4*	*1.1*	*15.6*
0 to 2.5 ft	32.0	2.5	35.0
Underlying Soil (2.5 to 3 ft)	*13.6*	*1.0*	*14.7*
0 to 3 ft	29.0	2.2	31.6

Notes:
UCL = Upper Confidence Limit (90% UCL is applicable for waste classification; 95% UCL applicable for risk assessment)
mg/kg = milligrams per kilogram
mg/l = milligrams per liter
* = WET lead concentrations are predicted using slope of regression line,
where y = predicted WET lead and x = total lead.
EOP = Edge of pavement

Regression Line Slope: $y = 0.0769 \quad x$

TABLE 13a
Summary of Lead Statistical Analysis
SOL-80 Freeway Performance Initiative Project
Solano County, California

W-505 (Dataset 73) - 0 to 3 ft from EOP

TOTAL LEAD

Sample Interval	90% UCL	95% UCL
0 to 0.5 ft	167.2	186
0.5 to 1 ft	54.47	60.5
1.5 to 2 ft	41.75	48.3
2.5 to 3 ft	42	47

EXCAVATION SCENARIOS

	Weighted Averages		
Excavation Depth	90% UCL Total Lead (mg/kg)	90% UCL WET Lead* (mg/l)	95% UCL Total Lead (mg/kg)
0 to 0.5 ft	167.2	6.6	186.0
Underlying Soil (0.5 to 3 ft)	*46.9*	*1.8*	*52.9*
0 to 1.5 ft	92.0	3.6	102.3
Underlying Soil (1.5 to 3 ft)	*41.8*	*1.6*	*47.9*
0 to 2.5 ft	71.9	2.8	80.7
Underlying Soil (2.5 to 3 ft)	*42.0*	*1.7*	*47.0*
0 to 3 ft	66.9	2.6	75.1

Notes:
UCL = Upper Confidence Limit (90% UCL is applicable for waste classification; 95% UCL applicable for risk assessment)
mg/kg = milligrams per kilogram
mg/l = milligrams per liter
* = WET lead concentrations are predicted using slope of regression line,
where y = predicted WET lead and x = total lead.
EOP = Edge of pavement

Regression Line Slope: $y = 0.0393 \quad x$

TABLE 13b
Summary of Lead Statistical Analysis
SOL-80 Freeway Performance Initiative Project
Solano County, California

W-505 (Dataset 73) - 3 to 6 ft from EOP

TOTAL LEAD

Sample Interval	90% UCL	95% UCL
0 to 0.5 ft	106.1	115
0.5 to 1 ft	70.69	78.5
1.5 to 2 ft	36.94	39.9
2.5 to 3 ft	78.51	87.3

EXCAVATION SCENARIOS

	Weighted Averages		
Excavation Depth	90% UCL Total Lead (mg/kg)	90% UCL WET Lead* (mg/l)	95% UCL Total Lead (mg/kg)
0 to 0.5 ft	106.1	4.2	115.0
Underlying Soil (0.5 to 3 ft)	*58.8*	*2.3*	*64.8*
0 to 1.5 ft	82.5	3.2	90.7
Underlying Soil (1.5 to 3 ft)	*50.8*	*2.0*	*55.7*
0 to 2.5 ft	64.3	2.5	70.4
Underlying Soil (2.5 to 3 ft)	*78.5*	*3.1*	*87.3*
0 to 3 ft	66.6	2.6	73.2

Notes:
UCL = Upper Confidence Limit (90% UCL is applicable for waste classification; 95% UCL applicable for risk assessment)
mg/kg = milligrams per kilogram
mg/l = milligrams per liter
* = WET lead concentrations are predicted using slope of regression line,
where y = predicted WET lead and x = total lead.
EOP = Edge of pavement

Regression Line Slope: $y = 0.0393 \quad x$

TABLE 14
Summary of Lead Statistical Analysis
SOL-80 Freeway Performance Initiative Project
Solano County, California

W-505-L (Dataset 72)

TOTAL LEAD

Sample Interval	90% UCL	95% UCL
0 to 0.5 ft	78.2	83.9
0.5 to 1 ft	63.7	69.9
1.5 to 2 ft	24.47	27.6
2.5 to 3 ft	42.33	46.83

EXCAVATION SCENARIOS

	Weighted Averages		
Excavation Depth	90% UCL Total Lead (mg/kg)	90% UCL WET Lead* (mg/l)	95% UCL Total Lead (mg/kg)
0 to 0.5 ft	78.2	3.1	83.9
Underlying Soil (0.5 to 3 ft)	*43.7*	*1.7*	*48.4*
0 to 1.5 ft	68.5	2.7	74.6
Underlying Soil (1.5 to 3 ft)	*30.4*	*1.2*	*34.0*
0 to 2.5 ft	50.9	2.0	55.8
Underlying Soil (2.5 to 3 ft)	*42.3*	*1.7*	*46.8*
0 to 3 ft	49.5	1.9	54.3

Notes:
UCL = Upper Confidence Limit (90% UCL is applicable for waste classification; 95% UCL applicable for risk assessment)
mg/kg = milligrams per kilogram
mg/l = milligrams per liter
* = WET lead concentrations are predicted using slope of regression line,
where y = predicted WET lead and x = total lead.

Regression Line Slope: $y = 0.0393 \quad x$

TABLE 15a
Summary of Lead Statistical Analysis
SOL-80 Freeway Performance Initiative Project
Solano County, California

E-NUT (Dataset 76) - 0 to 3 ft from EOP

TOTAL LEAD

Sample Interval	90% UCL	95% UCL
0 to 0.5 ft	9.384	9.86
0.5 to 1 ft	10.28	11
1.5 to 2 ft	91.92	99.8
2.5 to 3 ft	48.91	53.4

EXCAVATION SCENARIOS

	Weighted Averages		
Excavation Depth	90% UCL Total Lead (mg/kg)	90% UCL WET Lead* (mg/l)	95% UCL Total Lead (mg/kg)
0 to 0.5 ft	9.4	0.3	9.9
Underlying Soil (0.5 to 3 ft)	*50.7*	*1.8*	*55.0*
0 to 1.5 ft	10.0	0.4	10.6
Underlying Soil (1.5 to 3 ft)	*77.6*	*2.8*	*84.3*
0 to 2.5 ft	42.8	1.5	46.3
Underlying Soil (2.5 to 3 ft)	*48.9*	*1.8*	*53.4*
0 to 3 ft	43.8	1.6	47.5

Notes:
UCL = Upper Confidence Limit (90% UCL is applicable for waste classification; 95% UCL applicable for risk assessment)
mg/kg = milligrams per kilogram
mg/l = milligrams per liter
* = WET lead concentrations are predicted using slope of regression line,
where y = predicted WET lead and x = total lead.
EOP = Edge of pavement

Regression Line Slope: $y = 0.0362\ x$

TABLE 15b
Summary of Lead Statistical Analysis
SOL-80 Freeway Performance Initiative Project
Solano County, California

E-NUT (Dataset 76) - 3 to 6 ft from EOP

TOTAL LEAD

Sample Interval	90% UCL	95% UCL
0 to 0.5 ft	11.2	11.62
0.5 to 1 ft	14.07	14.86
1.5 to 2 ft	38.47	42
2.5 to 3 ft	12.7	13.5

EXCAVATION SCENARIOS

	Weighted Averages		
Excavation Depth	90% UCL Total Lead (mg/kg)	90% UCL WET Lead* (mg/l)	95% UCL Total Lead (mg/kg)
0 to 0.5 ft	11.2	0.4	11.6
Underlying Soil (0.5 to 3 ft)	*23.6*	*0.9*	*25.4*
0 to 1.5 ft	13.1	0.5	13.8
Underlying Soil (1.5 to 3 ft)	*29.9*	*1.1*	*32.5*
0 to 2.5 ft	23.3	0.8	25.1
Underlying Soil (2.5 to 3 ft)	*12.7*	*0.5*	*13.5*
0 to 3 ft	21.5	0.8	23.1

Notes:
UCL = Upper Confidence Limit (90% UCL is applicable for waste classification; 95% UCL applicable for risk assessment)
mg/kg = milligrams per kilogram
mg/l = milligrams per liter
* = WET lead concentrations are predicted using slope of regression line,
where y = predicted WET lead and x = total lead.
EOP = Edge of pavement

Regression Line Slope: $y = 0.0362 \quad x$

TABLE 15c
Summary of Lead Statistical Analysis
SOL-80 Freeway Performance Initiative Project
Solano County, California

E-NUT (Dataset 76) - 6 to 9 ft from EOP

TOTAL LEAD

Sample Interval	90% UCL	95% UCL
0 to 0.5 ft	17.6	18.4
0.5 to 1 ft	38.31	42.9
1.5 to 2 ft	49.84	56.2
2.5 to 3 ft	8.592	8.8

EXCAVATION SCENARIOS

	Weighted Averages		
Excavation Depth	90% UCL Total Lead (mg/kg)	90% UCL WET Lead* (mg/l)	95% UCL Total Lead (mg/kg)
0 to 0.5 ft	17.6	0.6	18.4
Underlying Soil (0.5 to 3 ft)	*37.0*	*1.3*	*41.4*
0 to 1.5 ft	31.4	1.1	34.7
Underlying Soil (1.5 to 3 ft)	*36.1*	*1.3*	*40.4*
0 to 2.5 ft	38.8	1.4	43.3
Underlying Soil (2.5 to 3 ft)	*8.6*	*0.3*	*8.8*
0 to 3 ft	33.7	1.2	37.6

Notes:
UCL = Upper Confidence Limit (90% UCL is applicable for waste classification; 95% UCL applicable for risk assessment)
mg/kg = milligrams per kilogram
mg/l = milligrams per liter
* = WET lead concentrations are predicted using slope of regression line,
where y = predicted WET lead and x = total lead.
EOP = Edge of pavement

Regression Line Slope: $y = 0.0362 \quad x$

TABLE 15d
Summary of Lead Statistical Analysis
SOL-80 Freeway Performance Initiative Project
Solano County, California

E-NUT (Dataset 76) - >9 ft from EOP

TOTAL LEAD

Sample Interval	90% UCL	95% UCL
0 to 0.5 ft	29.37	31
0.5 to 1 ft	43.94	46.9
1.5 to 2 ft	33.84	37.6
2.5 to 3 ft	24.23	26.2

EXCAVATION SCENARIOS

	Weighted Averages		
Excavation Depth	90% UCL Total Lead (mg/kg)	90% UCL WET Lead* (mg/l)	95% UCL Total Lead (mg/kg)
0 to 0.5 ft	29.4	1.1	31.0
Underlying Soil (0.5 to 3 ft)	*36.0*	*1.3*	*39.0*
0 to 1.5 ft	39.1	1.4	41.6
Underlying Soil (1.5 to 3 ft)	*30.6*	*1.1*	*33.8*
0 to 2.5 ft	37.0	1.3	40.0
Underlying Soil (2.5 to 3 ft)	*24.2*	*0.9*	*26.2*
0 to 3 ft	34.9	1.3	37.7

Notes:
UCL = Upper Confidence Limit (90% UCL is applicable for waste classification; 95% UCL applicable for risk assessment)
mg/kg = milligrams per kilogram
mg/l = milligrams per liter
* = WET lead concentrations are predicted using slope of regression line,
where y = predicted WET lead and x = total lead.
EOP = Edge of pavement

Regression Line Slope: $y = 0.0362 \quad x$

APPENDIX A

California Environmental Protection Agency
Department of Toxic Substances Control

VARIANCE

Applicant Names:

State of California
Department of Transportation
(Caltrans)
1120 N Street
Sacramento, California 95814

Variance No. V09HQSCD006

Effective Date: July 1, 2009

Expiration Date: July 1, 2014

Modification History:

Pursuant to California Health and Safety Code, Section 25143, the Department of Toxic Substances Control hereby issues the attached Variance consisting of 9 pages to the Department of Transportation.

Beverly Rikala
Team Leader, Operating Facilities Team
Department of Toxic Substances Control

Date: 6/30/09

1. INTRODUCTION.

a) Pursuant to Health and Safety Code, section 25143, the California Department of Toxic Substances Control (DTSC) grants this variance to the applicant below for waste considered to be hazardous solely because of its lead concentrations and as further specified herein.

b) DTSC hereby grants this variance only from the requirements specified herein and only in accordance with all terms and conditions specified herein.

2. IDENTIFYING INFORMATION.

APPLICANT/OWNER/OPERATOR

State of California
Department of Transportation, (Caltrans)
All Districts

3. TYPE OF VARIANCE.

Generation, Manifest, Transportation, Storage and Disposal.

4. ISSUANCE AND EXPIRATION DATES.

DATE ISSUED: July 1, 2009 EXPIRATION DATE: July 1, 2014

5. APPLICABLE STATUTES AND REGULATIONS. The hazardous waste that is the subject of this variance is fully regulated under Health and Safety Code, section 25100, et seq. and California Code of Regulations, title 22, division 4.5 except as specifically identified in Section 8 of this variance.

6. DEFINITION. For purposes of this variance, "lead-contaminated soil(s)" shall mean soil that meets the criteria for hazardous waste but contains less than 3397 mg/kg total lead and is hazardous primarily because of aerially-deposited lead contamination associated with exhaust emissions from the operation of motor vehicles.

7. FINDINGS/DETERMINATIONS. DTSC has determined that the variance applicant meets the requirements set forth in Health and Safety Code, section 25143 for a variance from specific regulatory requirements as outlined in Section 8 of this variance. The specific determinations and findings made by DTSC are as follows:

a) Caltrans intends to excavate, stockpile, transport, bury and cover large volumes of soil associated with highway construction projects. In the more urbanized highway corridors around the State this soil is contaminated with lead, primarily due to historic emissions from automobile exhausts. In situ sampling and laboratory testing has shown that some of the soil contains concentrations of lead in excess of State regulatory thresholds, and thus any generated waste from disturbance of the soil

would be regulated as hazardous waste. Such soil contains a Total Threshold Limit Concentration (TTLC) of 1000 milligrams per kilogram (mg/kg) or more lead and/or it meets or exceeds the Soluble Threshold Limit Concentration (STLC) for lead of 5 milligrams per liter (mg/l). A Human Health Risk Assessment prepared for this variance concludes that soil contaminated with elevated concentrations of lead can be managed in a way that presents no significant risk to human health.

b) The lead-contaminated soil will be placed only in Caltrans' right-of-way. Depending on concentration levels, the wastes will be covered with a minimum thickness of one (1) foot of non-hazardous soil or asphalt/concrete cover and will always be at least five (5) feet above the highest groundwater elevation. Caltrans will assure that proper health and safety procedures will be followed for workers, including any persons engaged in maintenance work in areas where the waste has been buried and covered.

c) DTSC finds and requires that the lead-contaminated soil excavated, stockpiled, transported, buried and covered pursuant to this variance is a non-RCRA hazardous waste, and that the waste management activity is insignificant as a potential hazard to human health and safety and the environment, when managed in accordance with the conditions, limitations and other requirements specified in this variance.

8. PROVISIONS WAIVED.

Provided Caltrans meets the terms and conditions of this variance, DTSC waives the hazardous waste management requirements of Health and Safety Code, Chapter 6.5 and California Code of Regulations, title 22 for the lead-contaminated soil that Caltrans reuses in projects that would require Caltrans to obtain a permit for a disposal facility and any other generator requirements that concern the transportation, manifesting, storage and land disposal of hazardous waste.

9. SPECIFIC CONDITIONS, LIMITATIONS AND OTHER REQUIREMENTS.

In order for the provisions discussed in section 8 to be waived, lead-contaminated soil must not exceed the contaminant concentrations discussed below and Caltrans management practices must meet all the following conditions:

a) Caltrans implementation of this variance shall comply with all applicable state laws and regulations for water quality control, water quality control plans, waste discharge requirements (including storm water permits), and others issued by the State Water Resources Control Board (SWRCB) and/or a California Regional Water Quality Control Board (RWQCB). Caltrans shall provide written notification to the appropriate RWQCB at least 30 days prior to advertisement for bids of projects that involve invocation of this variance, or as otherwise negotiated with the SWRCB or appropriate RWQCB.

b) The waivers in this variance shall only be applied to lead-contaminated soil that is not a RCRA hazardous waste and is hazardous primarily because of aerially-

deposited lead contamination associated with exhaust emissions from the operation of motor vehicles. The variance is not applicable to any other hazardous waste.

c) Soil containing 1.5 mg/l extractable lead or less (based on a modified waste extraction test using deionized water as the extractant) and 1411 mg/kg or less total lead may be used as fill provided that the lead-contaminated soil is placed a minimum of five (5) feet above the maximum historic water table elevation and covered with at least one (1) foot of nonhazardous soil that will be maintained by Caltrans to prevent future erosion.

d) Soil containing 150 mg/L extractable lead or less (based on a modified waste extraction test using deionized water as the extractant) and 3397 mg/kg or less total lead may be used as fill provided that the lead-contaminated soils are placed a minimum of five (5) feet above the maximum historic water table elevation and protected from infiltration by a pavement structure which will be maintained by Caltrans.

e) Lead-contaminated soil with a pH less than 5.5 but greater than 5.0 shall only be used as fill material under the paved portion of the roadway. Lead-contaminated soil with a pH at or less than 5.0 shall be managed as a hazardous waste.

f) For each project that has the potential to generate waste by disturbing lead-contaminated soil (as defined in 6), Caltrans shall conduct sampling and analysis to adequately characterize the soils containing aerially deposited lead in the areas of planned excavation along the project route. Such sampling and analysis shall include the Toxicity Characteristic Leaching Procedure (TCLP) as prescribed by the United States Environmental Protection Agency to determine whether concentrations of contaminants in soil exceed federal criteria for classification as a hazardous waste.

g) Lead-contaminated soil managed pursuant to this variance shall not be moved outside the designated corridor boundaries (see paragraph t) below. All lead-contaminated soil not buried and covered within the same Caltrans corridor where it originated is not eligible for management under this variance and shall be managed as a hazardous waste.

h) Lead-contaminated soil managed pursuant to this variance shall not be placed in areas where it would become in contact with groundwater or surface water (such as streams and rivers).

i) Lead-contaminated soil managed pursuant to this variance shall be buried and covered only in locations that are protected from erosion that may result from storm water run-on and run-off.

j) The lead-contaminated soil shall be buried and covered in a manner that will prevent accidental or deliberate breach of the asphalt, concrete, and/or cover soil.

k) The presence of lead-contaminated soil shall be incorporated into the projects' as-built drawings. The as-built drawings shall be annotated with the location, representative analytical data, and volume of lead-contaminated soil. The as-built drawings shall also state the depth of the cover. These as-built drawings shall be retained by Caltrans.

l) Caltrans shall ensure that no other hazardous wastes, other than the lead-contaminated hazardous waste soil, are placed in the burial areas.

m) Lead-contaminated soil shall not be buried within ten (10) feet of culverts or locations subject to frequent worker exposure.

n) Excavated lead-contaminated soil not placed into the designated area (fill area, roadbed area) by the end of the working day shall be stockpiled and covered with sheets of polyethylene or at least one foot of non-hazardous soil. The lead-contaminated soil, while stockpiled or under transport, shall be protected from contacting surface water and from being dislodged or transported by wind or storm water. The stockpile covers shall be inspected at least once a week and within 24 hours after rainstorms. If the lead-contaminated soil is stockpiled for more than 4 days from the time of excavation, Caltrans shall restrict public access to the stockpile by using barriers that meet the safety requirements of the construction zone. The lead-contaminated soil shall be stockpiled for no more than 90 days from the time the soil is first excavated. If the contaminated soil is stockpiled beyond the 90 day limit Caltrans shall:

1. notify DTSC in writing of the 90 day exceedance and expected date of removal;
2. perform weekly inspections of the stockpiled material to ensure that there is adequate protection from run-on, runoff, public access, and wind dispersion; and
3. notify DTSC on weekly basis of the stockpile status until the stockpile is removed.

The lead-contaminated soil shall be stockpiled for no more than 180 days from the time the soil is first excavated.

o) Caltrans shall ensure that all stockpiling of lead-contaminated soil remains within the project area of the specified corridor. Stockpiling of lead-contaminated soil within the specified corridor, but outside the project area, is prohibited.

p) Caltrans shall conduct confirmatory sampling of any stockpile area in areas not known or expected to contain lead-contaminated soil after removal of the lead-contaminated soil to ensure that contamination has not been left behind or has not migrated from the stockpiled material to the surrounding soils.

q) Caltrans shall stockpile lead-contaminated soil only on high ground (i.e. no sump areas or low points) so that stockpiled soil will not come in contact with surface

water run-on or run-off.

r) Caltrans shall not stockpile lead-contaminated soil in environmentally and ecologically sensitive areas.

s) Caltrans shall ensure that storm/rain run-off that has come into contact with stockpiled lead-contaminated soil will not flow to storm drains, inlets, or waters of the State.

t) Caltrans may dispose of the lead-contaminated soil only within the operating right-of-way of an existing highway, as defined in Streets and Highways Code, section 23. Caltrans may move lead-contaminated soil from one Caltrans project to another Caltrans project only if the lead-contaminated soil remains within the same designated corridor.

Caltrans shall record any movement of lead-contaminated soil by using a bill of lading. The bill of lading must contain: 1) the US DOT description including shipping name, hazard class and ID number; 2) handling codes; 3) quantity of material; 4) volume of material; 5) date of shipment; 6) origin and destination of shipment; and 7) any specific handling instructions. The bill of lading shall be referenced in and kept on file with the project's as-built drawings. The lead-contaminated soil must be kept covered during transportation.

u) For each specific corridor where this variance is to be implemented, all of the following information shall be submitted in writing to DTSC at least five (5) days before construction of any project begins:

1. plan drawing designating the boundaries of the corridor where lead-contaminated soils will be excavated, stockpiled, buried and covered;

2. a list of the Caltrans projects that the corridor encompasses;

3. a list of Caltrans contractors that will be conducting any phase of work on any project affected by this variance;

4. duration of corridor construction;

5. location where sampling and analytical data used to make lead concentration level determinations are kept (e.g. a particular Caltrans project file);

6. name and phone number (including area code) of project resident engineer and project manager;

7. location where Caltrans and contractor health and safety plan and records are kept;

8. location of project special provisions (including page or section number) for soil excavation, transportation, stockpile, burial and placement of cover material;

9. location of project drawings (including drawing page number) for soil excavation, burial and placement of cover in plan and cross section (for example, "The project plans are located at the resident engineer's office located at 5th and Main Streets, City of Fresno, See pages xxxxx of contract xxxx");

10. updated information if a Caltrans project within the corridor is added, changed or deleted; and

11. type of environmental document prepared for each project, date of adoption, document title, Clearing House number and where the document is available for review. A copy of the Caltrans Categorical Exemption, Categorical Exclusion Form, or if filed, the Notice of Exemption for any project shall be submitted to the DTSC Headquarters Project Manager.

v) Changes in location of lead-contaminated soil placement, quantities or protection measures (field changes) shall be noted in the resident engineer's project log within five (5) days of the field change.

w) Caltrans shall ensure that field changes are in compliance with the requirements of this variance.

x) Operational procedures described in the California Environmental Quality Act (CEQA) Special Initial Study shall be followed by Caltrans for activities conducted under this variance.

y) Caltrans shall implement appropriate health and safety procedures to protect its employees and the public, and to prevent or minimize exposure to potentially hazardous wastes. A project-specific health and safety plan must be prepared and implemented. The monitoring and exposure standards shall be based on construction standards for exposure to lead in California Code of Regulations, title 8, section 1532.1.

z) Caltrans shall provide a district Coordinator for this variance. This Coordinator will be the primary point of contact for information flowing to, or received from, DTSC regarding any matter or submission under this variance. Caltrans shall promptly notify DTSC of the name of Coordinator and any change in the Coordinator.

aa) Caltrans shall conduct regular inspections, consistent with Caltrans' Maintenance Division's current Pavement Inspection and Slope Inspection programs, of the locations where lead-contaminated soil has been buried and/or covered pursuant to this variance. If site inspection reveals deterioration of cover so that conditions in the variance are not met, Caltrans shall repair or replace the cover.

bb) Caltrans shall develop and implement a record keeping mechanisms to record and retain permanent records of all locations where lead-contaminated soil has been buried per this variance. The records shall be made available to DTSC.

cc) If areas subject to the terms of this variance are sold, relinquished or abandoned (including roadways), all future property owners shall be notified in writing in advance by Caltrans of the requirements of this variance, and Caltrans shall provide the owner with a copy of the variance. A copy of such a notice shall be sent to DTSC and contain the corridor location and project. Caltrans shall also disclose to DTSC and the new owner the location of areas where lead-contaminated soil has been buried. Future property owners shall be subject to the same requirements as Caltrans.

dd) For the purposes of informing the public about instances where the variance is implemented, Caltrans shall:

1. maintain current fact sheets at all Caltrans resident engineer offices and the Caltrans District office. Caltrans shall make the fact sheets available to anyone expressing an interest in variance-related work.

2. maintain a binder(s) containing copies of all reports submitted to DTSC at the District office. Caltrans shall ensure that the binders are readily accessible to the public.

3. carry out the following actions when it identifies additional projects:

(A) notify the public via a display advertisement in a newspaper of general circulation in that area.

(B) update and distribute the fact sheet to the mailing list and repository locations.

ee) Lead-contaminated soil may be buried only in areas where access is limited or where lead-contaminated soil is covered and contained by a pavement structure.

ff) Dust containing lead-contaminated soil must be controlled. Water or dust palliative may be applied to control dust. If visible dust migration occurs, all excavation, stockpiling and truck loading and burying must be stopped. The granting of this variance confers no relief on Caltrans from compliance with the laws, regulations and requirements enforced by any local air district or the California Air Resources Board.

gg) Sampling and analysis is required to show the lead-contaminated soil meets the variance criteria. All sampling and analysis must be conducted in accordance with the appropriate methods specified in U.S. EPA SW-846.

hh) DTSC retains the right to require Caltrans or any future owner to remove, and properly dispose of, lead-contaminated soil in the event DTSC determines it is necessary for protection of public health, safety or the environment.

ii) DTSC finds that some projects involving lead-contaminated soil are joint projects between Caltrans and other government entities. In these joint projects, Caltrans may not be the lead agency implementing the project although Caltrans is still involved if the project occurs on its right-of-way.

Caltrans may invoke this variance for joint projects where Caltrans and local government entity are involved provided that 1) the project is within the Caltrans Right-of-Way; 2) Caltrans reviews/ oversees all phases of the project including design, contracting, environmental assessment, construction, operation, and maintenance; and 3) Caltrans oversees the project to verify all variance conditions are complied with. Caltrans will be fully responsible for the variance notification and implementation in these joint projects.

jj) All correspondence shall be directed to the following office:

Hazardous Waste Permitting
Department of Toxic Substances Control
8800 Cal Center Drive
Sacramento, CA 95826

Attn: Caltrans Lead Variance Notification Unit

10. DISCLAIMER.

a) The issuance of this variance does not relieve Caltrans of the responsibility for compliance with Health and Safety Code, chapter 6.5, or the regulations adopted thereunder, and any other laws and regulations other than those specifically identified in Section 8 of this variance. Caltrans is subject to all terms and conditions herein. The granting of this variance confers no relief from compliance with any federal, State or local requirements other than those specifically provided herein.

b) The issuance of this variance does not release Caltrans from any liability associated with the handling of hazardous waste, except as specifically provided herein and subject to all terms and conditions of this variance.

11. VARIANCE MODIFICATION OR REVOCATION. This variance is subject to review at the discretion of DTSC and may be modified or revoked by DTSC upon change of ownership and at any other time pursuant to Health and Safety Code, section 25143.

12. CEQA DETERMINATION. DTSC adopted a Negative Declaration on June 30, 2009.

Approved:

6/30/09
Date

Beverly Rikala
Operating Facilities Team
Department of Toxic Substances Control

APPENDIX B

ADVANCED TECHNOLOGY LABORATORIES

January 04, 2012

ELAP No.: 1838
NELAP No.: 02107CA
CSDLAC No.: 10196
ORELAP No.: CA300003

Luann Beadle
Geocon Consultants, Inc.
6671 Brisa Street
Livermore, CA 94550
Tel: (925) 371-5900
Fax:(925) 371-5915

Re: ATL Work Order Number : 1100808

Client Reference : TO-16, E8560-06-16

Enclosed are the results for sample(s) received on December 24, 2011 by Advanced Technology Laboratories. The sample(s) are tested for the parameters as indicated on the enclosed chain of custody in accordance with applicable laboratory certifications. The laboratory results contained in this report specifically pertains to the sample(s) submitted.

Thank you for the opportunity to serve the needs of your company. If you have any questions, please feel free to contact me or your Project Manager.

Sincerely,

Eddie Rodriguez

Laboratory Director

The cover letter and the case narrative are an integral part of this analytical report and its absence renders the report invalid. The report cannot be reproduced without written permission from the client and Advanced Technology Laboratories.

3275 Walnut Avenue, Signal Hill, CA 90755 • Tel: 562-989-4045 • Fax: 562-989-4040
www.atlglobal.com

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

SUMMARY OF SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
G435-0	1100808-01	Soil	12/23/11 8:45	12/24/11 8:40
G435-.5	1100808-02	Soil	12/23/11 8:45	12/24/11 8:40
G435-1.5	1100808-03	Soil	12/23/11 8:45	12/24/11 8:40
G435-2.5	1100808-04	Soil	12/23/11 8:45	12/24/11 8:40
G436-0	1100808-05	Soil	12/23/11 9:10	12/24/11 8:40
G436-.5	1100808-06	Soil	12/23/11 9:10	12/24/11 8:40
G436-1.5	1100808-07	Soil	12/23/11 9:10	12/24/11 8:40
G436-2.5	1100808-08	Soil	12/23/11 9:10	12/24/11 8:40
G437-0	1100808-09	Soil	12/23/11 9:15	12/24/11 8:40
G437-.5	1100808-10	Soil	12/23/11 9:15	12/24/11 8:40
G437-1.5	1100808-11	Soil	12/23/11 9:15	12/24/11 8:40
G437-2.5	1100808-12	Soil	12/23/11 9:15	12/24/11 8:40
G438-0	1100808-13	Soil	12/23/11 9:20	12/24/11 8:40
G438-.5	1100808-14	Soil	12/23/11 9:20	12/24/11 8:40
G438-1.5	1100808-15	Soil	12/23/11 9:20	12/24/11 8:40
G438-2.5	1100808-16	Soil	12/23/11 9:20	12/24/11 8:40
G439-0	1100808-17	Soil	12/23/11 9:25	12/24/11 8:40
G439-.5	1100808-18	Soil	12/23/11 9:25	12/24/11 8:40
G439-1.5	1100808-19	Soil	12/23/11 9:25	12/24/11 8:40
G439-2.5	1100808-20	Soil	12/23/11 9:25	12/24/11 8:40
G440-0	1100808-21	Soil	12/23/11 9:30	12/24/11 8:40
G440-.5	1100808-22	Soil	12/23/11 9:30	12/24/11 8:40
G440-1.5	1100808-23	Soil	12/23/11 9:30	12/24/11 8:40
G440-2.5	1100808-24	Soil	12/23/11 9:30	12/24/11 8:40
G441-0	1100808-25	Soil	12/23/11 9:35	12/24/11 8:40
G441-.5	1100808-26	Soil	12/23/11 9:35	12/24/11 8:40
G441-1.5	1100808-27	Soil	12/23/11 9:35	12/24/11 8:40
G441-2.5	1100808-28	Soil	12/23/11 9:35	12/24/11 8:40
G442-0	1100808-29	Soil	12/23/11 9:40	12/24/11 8:40
G442-.5	1100808-30	Soil	12/23/11 9:40	12/24/11 8:40
G442-1.5	1100808-31	Soil	12/23/11 9:40	12/24/11 8:40
G442-2.5	1100808-32	Soil	12/23/11 9:40	12/24/11 8:40
G443-0	1100808-33	Soil	12/23/11 9:45	12/24/11 8:40
G443-.5	1100808-34	Soil	12/23/11 9:45	12/24/11 8:40
G443-1.5	1100808-35	Soil	12/23/11 9:45	12/24/11 8:40
G443-2.5	1100808-36	Soil	12/23/11 9:45	12/24/11 8:40
G444-0	1100808-37	Soil	12/23/11 9:50	12/24/11 8:40

Geocon Consultants, Inc.	Project Number :	TO-16, E8560-06-16	
6671 Brisa Street	Report To :	Luann Beadle	
Livermore , CA 94550	Reported :	01/04/2012	

G444-.5	1100808-38	Soil	12/23/11	9:50	12/24/11	8:40
G444-1.5	1100808-39	Soil	12/23/11	9:50	12/24/11	8:40
G444-2.5	1100808-40	Soil	12/23/11	9:50	12/24/11	8:40
G445-0	1100808-41	Soil	12/23/11	9:55	12/24/11	8:40
G445-.5	1100808-42	Soil	12/23/11	9:55	12/24/11	8:40
G445-1.5	1100808-43	Soil	12/23/11	9:55	12/24/11	8:40
G445-2.5	1100808-44	Soil	12/23/11	9:55	12/24/11	8:40
G446-0	1100808-45	Soil	12/23/11	10:05	12/24/11	8:40
G446-.5	1100808-46	Soil	12/23/11	10:05	12/24/11	8:40
G446-1.5	1100808-47	Soil	12/23/11	10:05	12/24/11	8:40
G446-2.5	1100808-48	Soil	12/23/11	10:05	12/24/11	8:40
G447-0	1100808-49	Soil	12/23/11	10:10	12/24/11	8:40
G447-.5	1100808-50	Soil	12/23/11	10:10	12/24/11	8:40
G447-1.5	1100808-51	Soil	12/23/11	10:10	12/24/11	8:40
G447-2.5	1100808-52	Soil	12/23/11	10:10	12/24/11	8:40
G448-0	1100808-53	Soil	12/23/11	10:15	12/24/11	8:40
G448-.5	1100808-54	Soil	12/23/11	10:15	12/24/11	8:40
G448-1.5	1100808-55	Soil	12/23/11	10:15	12/24/11	8:40
G448-2.5	1100808-56	Soil	12/23/11	10:15	12/24/11	8:40
G449-0	1100808-57	Soil	12/23/11	10:20	12/24/11	8:40
G449-.5	1100808-58	Soil	12/23/11	10:20	12/24/11	8:40
G449-1.5	1100808-59	Soil	12/23/11	10:20	12/24/11	8:40
G449-2.5	1100808-60	Soil	12/23/11	10:20	12/24/11	8:40
G450-0	1100808-61	Soil	12/23/11	10:25	12/24/11	8:40
G450-.5	1100808-62	Soil	12/23/11	10:25	12/24/11	8:40
G450-1.5	1100808-63	Soil	12/23/11	10:25	12/24/11	8:40
G450-2.5	1100808-64	Soil	12/23/11	10:25	12/24/11	8:40
G451-0	1100808-65	Soil	12/23/11	10:30	12/24/11	8:40
G451-.5	1100808-66	Soil	12/23/11	10:30	12/24/11	8:40
G451-1.5	1100808-67	Soil	12/23/11	10:30	12/24/11	8:40
G451-2.5	1100808-68	Soil	12/23/11	10:30	12/24/11	8:40
G452-0	1100808-69	Soil	12/23/11	10:35	12/24/11	8:40
G452-.5	1100808-70	Soil	12/23/11	10:35	12/24/11	8:40
G452-1.5	1100808-71	Soil	12/23/11	10:35	12/24/11	8:40
G452-2.5	1100808-72	Soil	12/23/11	10:35	12/24/11	8:40
G453-0	1100808-73	Soil	12/23/11	10:40	12/24/11	8:40
G453-.5	1100808-74	Soil	12/23/11	10:40	12/24/11	8:40
G453-1.5	1100808-75	Soil	12/23/11	10:40	12/24/11	8:40
G453-2.5	1100808-76	Soil	12/23/11	10:40	12/24/11	8:40
G454-0	1100808-77	Soil	12/23/11	10:45	12/24/11	8:40
G454-.5	1100808-78	Soil	12/23/11	10:45	12/24/11	8:40

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

G454-1.5	1100808-79	Soil	12/23/11	10:45	12/24/11	8:40
G454-2.5	1100808-80	Soil	12/23/11	10:45	12/24/11	8:40
G455-0	1100808-81	Soil	12/23/11	10:50	12/24/11	8:40
G455-.5	1100808-82	Soil	12/23/11	10:50	12/24/11	8:40
G455-1.5	1100808-83	Soil	12/23/11	10:50	12/24/11	8:40
G455-2.5	1100808-84	Soil	12/23/11	10:50	12/24/11	8:40
G456-0	1100808-85	Soil	12/23/11	11:00	12/24/11	8:40
G456-.5	1100808-86	Soil	12/23/11	11:00	12/24/11	8:40
G456-1.5	1100808-87	Soil	12/23/11	11:00	12/24/11	8:40
G456-2.5	1100808-88	Soil	12/23/11	11:00	12/24/11	8:40
G457-0	1100808-89	Soil	12/23/11	11:10	12/24/11	8:40
G457-.5	1100808-90	Soil	12/23/11	11:10	12/24/11	8:40
G457-1.5	1100808-91	Soil	12/23/11	11:10	12/24/11	8:40
G457-2.5	1100808-92	Soil	12/23/11	11:10	12/24/11	8:40
G458-0	1100808-93	Soil	12/23/11	11:30	12/24/11	8:40
G458-.5	1100808-94	Soil	12/23/11	11:30	12/24/11	8:40
G458-1.5	1100808-95	Soil	12/23/11	11:30	12/24/11	8:40
G458-2.5	1100808-96	Soil	12/23/11	11:30	12/24/11	8:40
G459-0	1100808-97	Soil	12/23/11	11:45	12/24/11	8:40
G459-.5	1100808-98	Soil	12/23/11	11:45	12/24/11	8:40
G459-1.5	1100808-99	Soil	12/23/11	11:45	12/24/11	8:40
G459-2.5	1100808-AA	Soil	12/23/11	11:45	12/24/11	8:40
G460-0	1100808-AB	Soil	12/23/11	11:50	12/24/11	8:40
G460-.5	1100808-AC	Soil	12/23/11	11:50	12/24/11	8:40
G460-1.5	1100808-AD	Soil	12/23/11	11:50	12/24/11	8:40
G460-2.5	1100808-AE	Soil	12/23/11	11:50	12/24/11	8:40
G461-0	1100808-AF	Soil	12/23/11	0:00	12/24/11	8:40
G461-.5	1100808-AG	Soil	12/23/11	0:00	12/24/11	8:40
G461-1.5	1100808-AH	Soil	12/23/11	0:00	12/24/11	8:40
G461-2.5	1100808-AI	Soil	12/23/11	0:00	12/24/11	8:40
G462-0	1100808-AJ	Soil	12/23/11	0:00	12/24/11	8:40
G462-.5	1100808-AK	Soil	12/23/11	0:00	12/24/11	8:40
G462-1.5	1100808-AL	Soil	12/23/11	0:00	12/24/11	8:40
G462-2.5	1100808-AM	Soil	12/23/11	0:00	12/24/11	8:40

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G435-0
Lab ID: 1100808-01

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0939	12/29/2011	12/30/11 17:18	
Arsenic	**4.9**	1.0	NA	1	B1L0939	12/29/2011	12/30/11 17:18	
Barium	**160**	1.0	NA	1	B1L0939	12/29/2011	12/30/11 17:18	
Beryllium	ND	1.0	NA	1	B1L0939	12/29/2011	12/30/11 17:18	
Cadmium	ND	1.0	NA	1	B1L0939	12/29/2011	12/30/11 17:18	
Chromium	**20**	1.0	NA	1	B1L0939	12/29/2011	12/30/11 17:18	
Cobalt	**7.4**	1.0	NA	1	B1L0939	12/29/2011	12/30/11 17:18	
Copper	**20**	2.0	NA	1	B1L0939	12/29/2011	12/30/11 17:18	
Lead	**14**	1.0	NA	1	B1L0939	12/29/2011	12/30/11 17:18	
Molybdenum	ND	1.0	NA	1	B1L0939	12/29/2011	12/30/11 17:18	
Nickel	**23**	1.0	NA	1	B1L0939	12/29/2011	12/30/11 17:18	
Selenium	ND	1.0	NA	1	B1L0939	12/29/2011	12/30/11 17:18	
Silver	ND	1.0	NA	1	B1L0939	12/29/2011	12/30/11 17:18	
Thallium	ND	1.0	NA	1	B1L0939	12/29/2011	12/30/11 17:18	
Vanadium	**33**	1.0	NA	1	B1L0939	12/29/2011	12/30/11 17:18	
Zinc	**52**	1.0	NA	1	B1L0939	12/29/2011	12/30/11 17:18	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B1L0957	12/31/2011	12/31/11 14:27	

pH by EPA 9045C

Analyst: LA

Analyte	Result (pH Units)	PQL (pH Units)	MDL (pH Units)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
pH	**6.4**	0.10	NA	1	B2A0065	01/03/2012	01/03/12 13:54	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G435-.5
Lab ID: 1100808-02

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0939	12/29/2011	12/30/11 17:19	
Arsenic	**6.5**	1.0	NA	1	B1L0939	12/29/2011	12/30/11 17:19	
Barium	**150**	1.0	NA	1	B1L0939	12/29/2011	12/30/11 17:19	
Beryllium	ND	1.0	NA	1	B1L0939	12/29/2011	12/30/11 17:19	
Cadmium	ND	1.0	NA	1	B1L0939	12/29/2011	12/30/11 17:19	
Chromium	**24**	1.0	NA	1	B1L0939	12/29/2011	12/30/11 17:19	
Cobalt	**10**	1.0	NA	1	B1L0939	12/29/2011	12/30/11 17:19	
Copper	**25**	2.0	NA	1	B1L0939	12/29/2011	12/30/11 17:19	
Lead	**13**	1.0	NA	1	B1L0939	12/29/2011	12/30/11 17:19	
Molybdenum	ND	1.0	NA	1	B1L0939	12/29/2011	12/30/11 17:19	
Nickel	**25**	1.0	NA	1	B1L0939	12/29/2011	12/30/11 17:19	
Selenium	ND	1.0	NA	1	B1L0939	12/29/2011	12/30/11 17:19	
Silver	ND	1.0	NA	1	B1L0939	12/29/2011	12/30/11 17:19	
Thallium	ND	1.0	NA	1	B1L0939	12/29/2011	12/30/11 17:19	
Vanadium	**42**	1.0	NA	1	B1L0939	12/29/2011	12/30/11 17:19	
Zinc	**63**	1.0	NA	1	B1L0939	12/29/2011	12/30/11 17:19	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B1L0957	12/31/2011	12/31/11 14:29	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G435-1.5
Lab ID: 1100808-03

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0939	12/29/2011	12/30/11 17:21	
Arsenic	**3.8**	1.0	NA	1	B1L0939	12/29/2011	12/30/11 17:21	
Barium	**130**	1.0	NA	1	B1L0939	12/29/2011	12/30/11 17:21	
Beryllium	ND	1.0	NA	1	B1L0939	12/29/2011	12/30/11 17:21	
Cadmium	ND	1.0	NA	1	B1L0939	12/29/2011	12/30/11 17:21	
Chromium	**18**	1.0	NA	1	B1L0939	12/29/2011	12/30/11 17:21	
Cobalt	**8.8**	1.0	NA	1	B1L0939	12/29/2011	12/30/11 17:21	
Copper	**18**	2.0	NA	1	B1L0939	12/29/2011	12/30/11 17:21	
Lead	**7.9**	1.0	NA	1	B1L0939	12/29/2011	12/30/11 17:21	
Molybdenum	ND	1.0	NA	1	B1L0939	12/29/2011	12/30/11 17:21	
Nickel	**19**	1.0	NA	1	B1L0939	12/29/2011	12/30/11 17:21	
Selenium	ND	1.0	NA	1	B1L0939	12/29/2011	12/30/11 17:21	
Silver	ND	1.0	NA	1	B1L0939	12/29/2011	12/30/11 17:21	
Thallium	ND	1.0	NA	1	B1L0939	12/29/2011	12/30/11 17:21	
Vanadium	**33**	1.0	NA	1	B1L0939	12/29/2011	12/30/11 17:21	
Zinc	**39**	1.0	NA	1	B1L0939	12/29/2011	12/30/11 17:21	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B1L0957	12/31/2011	12/31/11 14:31	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G435-2.5
Lab ID: 1100808-04

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0939	12/29/2011	12/30/11 17:23	
Arsenic	**5.3**	1.0	NA	1	B1L0939	12/29/2011	12/30/11 17:23	
Barium	**130**	1.0	NA	1	B1L0939	12/29/2011	12/30/11 17:23	
Beryllium	ND	1.0	NA	1	B1L0939	12/29/2011	12/30/11 17:23	
Cadmium	ND	1.0	NA	1	B1L0939	12/29/2011	12/30/11 17:23	
Chromium	**20**	1.0	NA	1	B1L0939	12/29/2011	12/30/11 17:23	
Cobalt	**12**	1.0	NA	1	B1L0939	12/29/2011	12/30/11 17:23	
Copper	**20**	2.0	NA	1	B1L0939	12/29/2011	12/30/11 17:23	
Lead	**8.1**	1.0	NA	1	B1L0939	12/29/2011	12/30/11 17:23	
Molybdenum	ND	1.0	NA	1	B1L0939	12/29/2011	12/30/11 17:23	
Nickel	**20**	1.0	NA	1	B1L0939	12/29/2011	12/30/11 17:23	
Selenium	ND	1.0	NA	1	B1L0939	12/29/2011	12/30/11 17:23	
Silver	ND	1.0	NA	1	B1L0939	12/29/2011	12/30/11 17:23	
Thallium	ND	1.0	NA	1	B1L0939	12/29/2011	12/30/11 17:23	
Vanadium	**39**	1.0	NA	1	B1L0939	12/29/2011	12/30/11 17:23	
Zinc	**44**	1.0	NA	1	B1L0939	12/29/2011	12/30/11 17:23	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B1L0957	12/31/2011	12/31/11 14:33	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G436-0
Lab ID: 1100808-05

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0939	12/29/2011	12/30/11 17:24	
Arsenic	**5.4**	1.0	NA	1	B1L0939	12/29/2011	12/30/11 17:24	
Barium	**120**	1.0	NA	1	B1L0939	12/29/2011	12/30/11 17:24	
Beryllium	ND	1.0	NA	1	B1L0939	12/29/2011	12/30/11 17:24	
Cadmium	ND	1.0	NA	1	B1L0939	12/29/2011	12/30/11 17:24	
Chromium	**21**	1.0	NA	1	B1L0939	12/29/2011	12/30/11 17:24	
Cobalt	**7.8**	1.0	NA	1	B1L0939	12/29/2011	12/30/11 17:24	
Copper	**19**	2.0	NA	1	B1L0939	12/29/2011	12/30/11 17:24	
Lead	**11**	1.0	NA	1	B1L0939	12/29/2011	12/30/11 17:24	
Molybdenum	ND	1.0	NA	1	B1L0939	12/29/2011	12/30/11 17:24	
Nickel	**30**	1.0	NA	1	B1L0939	12/29/2011	12/30/11 17:24	
Selenium	ND	1.0	NA	1	B1L0939	12/29/2011	12/30/11 17:24	
Silver	ND	1.0	NA	1	B1L0939	12/29/2011	12/30/11 17:24	
Thallium	ND	1.0	NA	1	B1L0939	12/29/2011	12/30/11 17:24	
Vanadium	**31**	1.0	NA	1	B1L0939	12/29/2011	12/30/11 17:24	
Zinc	**67**	1.0	NA	1	B1L0939	12/29/2011	12/30/11 17:24	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B1L0957	12/31/2011	12/31/11 14:39	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G436-.5
Lab ID: 1100808-06

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0939	12/29/2011	12/30/11 17:26	
Arsenic	**7.1**	1.0	NA	1	B1L0939	12/29/2011	12/30/11 17:26	
Barium	**150**	1.0	NA	1	B1L0939	12/29/2011	12/30/11 17:26	
Beryllium	ND	1.0	NA	1	B1L0939	12/29/2011	12/30/11 17:26	
Cadmium	ND	1.0	NA	1	B1L0939	12/29/2011	12/30/11 17:26	
Chromium	**24**	1.0	NA	1	B1L0939	12/29/2011	12/30/11 17:26	
Cobalt	**9.8**	1.0	NA	1	B1L0939	12/29/2011	12/30/11 17:26	
Copper	**26**	2.0	NA	1	B1L0939	12/29/2011	12/30/11 17:26	
Lead	**7.6**	1.0	NA	1	B1L0939	12/29/2011	12/30/11 17:26	
Molybdenum	ND	1.0	NA	1	B1L0939	12/29/2011	12/30/11 17:26	
Nickel	**27**	1.0	NA	1	B1L0939	12/29/2011	12/30/11 17:26	
Selenium	ND	1.0	NA	1	B1L0939	12/29/2011	12/30/11 17:26	
Silver	ND	1.0	NA	1	B1L0939	12/29/2011	12/30/11 17:26	
Thallium	ND	1.0	NA	1	B1L0939	12/29/2011	12/30/11 17:26	
Vanadium	**43**	1.0	NA	1	B1L0939	12/29/2011	12/30/11 17:26	
Zinc	**63**	1.0	NA	1	B1L0939	12/29/2011	12/30/11 17:26	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B1L0957	12/31/2011	12/31/11 14:41	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G436-1.5
Lab ID: 1100808-07

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0939	12/29/2011	12/30/11 17:27	
Arsenic	**4.8**	1.0	NA	1	B1L0939	12/29/2011	12/30/11 17:27	
Barium	**140**	1.0	NA	1	B1L0939	12/29/2011	12/30/11 17:27	
Beryllium	ND	1.0	NA	1	B1L0939	12/29/2011	12/30/11 17:27	
Cadmium	ND	1.0	NA	1	B1L0939	12/29/2011	12/30/11 17:27	
Chromium	**20**	1.0	NA	1	B1L0939	12/29/2011	12/30/11 17:27	
Cobalt	**8.1**	1.0	NA	1	B1L0939	12/29/2011	12/30/11 17:27	
Copper	**20**	2.0	NA	1	B1L0939	12/29/2011	12/30/11 17:27	
Lead	**6.5**	1.0	NA	1	B1L0939	12/29/2011	12/30/11 17:27	
Molybdenum	ND	1.0	NA	1	B1L0939	12/29/2011	12/30/11 17:27	
Nickel	**18**	1.0	NA	1	B1L0939	12/29/2011	12/30/11 17:27	
Selenium	ND	1.0	NA	1	B1L0939	12/29/2011	12/30/11 17:27	
Silver	ND	1.0	NA	1	B1L0939	12/29/2011	12/30/11 17:27	
Thallium	ND	1.0	NA	1	B1L0939	12/29/2011	12/30/11 17:27	
Vanadium	**36**	1.0	NA	1	B1L0939	12/29/2011	12/30/11 17:27	
Zinc	**44**	1.0	NA	1	B1L0939	12/29/2011	12/30/11 17:27	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B1L0957	12/31/2011	12/31/11 14:43	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G436-2.5
Lab ID: 1100808-08

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0939	12/29/2011	12/30/11 17:29	
Arsenic	**3.2**	1.0	NA	1	B1L0939	12/29/2011	12/30/11 17:29	
Barium	**180**	1.0	NA	1	B1L0939	12/29/2011	12/30/11 17:29	
Beryllium	ND	1.0	NA	1	B1L0939	12/29/2011	12/30/11 17:29	
Cadmium	ND	1.0	NA	1	B1L0939	12/29/2011	12/30/11 17:29	
Chromium	**17**	1.0	NA	1	B1L0939	12/29/2011	12/30/11 17:29	
Cobalt	**9.4**	1.0	NA	1	B1L0939	12/29/2011	12/30/11 17:29	
Copper	**15**	2.0	NA	1	B1L0939	12/29/2011	12/30/11 17:29	
Lead	**5.9**	1.0	NA	1	B1L0939	12/29/2011	12/30/11 17:29	
Molybdenum	ND	1.0	NA	1	B1L0939	12/29/2011	12/30/11 17:29	
Nickel	**15**	1.0	NA	1	B1L0939	12/29/2011	12/30/11 17:29	
Selenium	ND	1.0	NA	1	B1L0939	12/29/2011	12/30/11 17:29	
Silver	ND	1.0	NA	1	B1L0939	12/29/2011	12/30/11 17:29	
Thallium	ND	1.0	NA	1	B1L0939	12/29/2011	12/30/11 17:29	
Vanadium	**36**	1.0	NA	1	B1L0939	12/29/2011	12/30/11 17:29	
Zinc	**29**	1.0	NA	1	B1L0939	12/29/2011	12/30/11 17:29	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B1L0957	12/31/2011	12/31/11 14:45	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G437-0
Lab ID: 1100808-09

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0939	12/29/2011	12/30/11 17:34	
Arsenic	**6.0**	1.0	NA	1	B1L0939	12/29/2011	12/30/11 17:34	
Barium	**140**	1.0	NA	1	B1L0939	12/29/2011	12/30/11 17:34	
Beryllium	ND	1.0	NA	1	B1L0939	12/29/2011	12/30/11 17:34	
Cadmium	ND	1.0	NA	1	B1L0939	12/29/2011	12/30/11 17:34	
Chromium	**21**	1.0	NA	1	B1L0939	12/29/2011	12/30/11 17:34	
Cobalt	**6.6**	1.0	NA	1	B1L0939	12/29/2011	12/30/11 17:34	
Copper	**21**	2.0	NA	1	B1L0939	12/29/2011	12/30/11 17:34	
Lead	**16**	1.0	NA	1	B1L0939	12/29/2011	12/30/11 17:34	
Molybdenum	ND	1.0	NA	1	B1L0939	12/29/2011	12/30/11 17:34	
Nickel	**21**	1.0	NA	1	B1L0939	12/29/2011	12/30/11 17:34	
Selenium	ND	1.0	NA	1	B1L0939	12/29/2011	12/30/11 17:34	
Silver	ND	1.0	NA	1	B1L0939	12/29/2011	12/30/11 17:34	
Thallium	ND	1.0	NA	1	B1L0939	12/29/2011	12/30/11 17:34	
Vanadium	**36**	1.0	NA	1	B1L0939	12/29/2011	12/30/11 17:34	
Zinc	**57**	1.0	NA	1	B1L0939	12/29/2011	12/30/11 17:34	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B1L0957	12/31/2011	12/31/11 14:47	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G437-.5
Lab ID: 1100808-10

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0939	12/29/2011	12/30/11 17:36	
Arsenic	**5.4**	1.0	NA	1	B1L0939	12/29/2011	12/30/11 17:36	
Barium	**140**	1.0	NA	1	B1L0939	12/29/2011	12/30/11 17:36	
Beryllium	ND	1.0	NA	1	B1L0939	12/29/2011	12/30/11 17:36	
Cadmium	ND	1.0	NA	1	B1L0939	12/29/2011	12/30/11 17:36	
Chromium	**20**	1.0	NA	1	B1L0939	12/29/2011	12/30/11 17:36	
Cobalt	**13**	1.0	NA	1	B1L0939	12/29/2011	12/30/11 17:36	
Copper	**19**	2.0	NA	1	B1L0939	12/29/2011	12/30/11 17:36	
Lead	**6.8**	1.0	NA	1	B1L0939	12/29/2011	12/30/11 17:36	
Molybdenum	ND	1.0	NA	1	B1L0939	12/29/2011	12/30/11 17:36	
Nickel	**21**	1.0	NA	1	B1L0939	12/29/2011	12/30/11 17:36	
Selenium	ND	1.0	NA	1	B1L0939	12/29/2011	12/30/11 17:36	
Silver	ND	1.0	NA	1	B1L0939	12/29/2011	12/30/11 17:36	
Thallium	ND	1.0	NA	1	B1L0939	12/29/2011	12/30/11 17:36	
Vanadium	**38**	1.0	NA	1	B1L0939	12/29/2011	12/30/11 17:36	
Zinc	**43**	1.0	NA	1	B1L0939	12/29/2011	12/30/11 17:36	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B1L0957	12/31/2011	12/31/11 14:23	

pH by EPA 9045C

Analyst: LA

Analyte	Result (pH Units)	PQL (pH Units)	MDL (pH Units)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
pH	**6.9**	0.10	NA	1	B2A0065	01/03/2012	01/03/12 13:54	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G437-1.5
Lab ID: 1100808-11

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0940	12/29/2011	12/30/11 23:55	
Arsenic	**4.3**	1.0	NA	1	B1L0940	12/29/2011	12/30/11 23:55	
Barium	**130**	1.0	NA	1	B1L0940	12/29/2011	12/30/11 23:55	
Beryllium	ND	1.0	NA	1	B1L0940	12/29/2011	12/30/11 23:55	
Cadmium	ND	1.0	NA	1	B1L0940	12/29/2011	12/30/11 23:55	
Chromium	**19**	1.0	NA	1	B1L0940	12/29/2011	12/30/11 23:55	
Cobalt	**8.9**	1.0	NA	1	B1L0940	12/29/2011	12/30/11 23:55	
Copper	**18**	2.0	NA	1	B1L0940	12/29/2011	12/30/11 23:55	
Lead	**5.9**	1.0	NA	1	B1L0940	12/29/2011	12/30/11 23:55	
Molybdenum	ND	1.0	NA	1	B1L0940	12/29/2011	12/30/11 23:55	
Nickel	**17**	1.0	NA	1	B1L0940	12/29/2011	12/30/11 23:55	
Selenium	ND	1.0	NA	1	B1L0940	12/29/2011	12/30/11 23:55	
Silver	ND	1.0	NA	1	B1L0940	12/29/2011	12/30/11 23:55	
Thallium	ND	1.0	NA	1	B1L0940	12/29/2011	12/30/11 23:55	
Vanadium	**39**	1.0	NA	1	B1L0940	12/29/2011	12/30/11 23:55	
Zinc	**38**	1.0	NA	1	B1L0940	12/29/2011	12/30/11 23:55	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B1L0958	12/31/2011	12/31/11 15:08	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G437-2.5
Lab ID: 1100808-12

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0940	12/29/2011	12/30/11 23:56	
Arsenic	**3.3**	1.0	NA	1	B1L0940	12/29/2011	12/30/11 23:56	
Barium	**120**	1.0	NA	1	B1L0940	12/29/2011	12/30/11 23:56	
Beryllium	ND	1.0	NA	1	B1L0940	12/29/2011	12/30/11 23:56	
Cadmium	ND	1.0	NA	1	B1L0940	12/29/2011	12/30/11 23:56	
Chromium	**18**	1.0	NA	1	B1L0940	12/29/2011	12/30/11 23:56	
Cobalt	**8.5**	1.0	NA	1	B1L0940	12/29/2011	12/30/11 23:56	
Copper	**15**	2.0	NA	1	B1L0940	12/29/2011	12/30/11 23:56	
Lead	**5.5**	1.0	NA	1	B1L0940	12/29/2011	12/30/11 23:56	
Molybdenum	ND	1.0	NA	1	B1L0940	12/29/2011	12/30/11 23:56	
Nickel	**15**	1.0	NA	1	B1L0940	12/29/2011	12/30/11 23:56	
Selenium	ND	1.0	NA	1	B1L0940	12/29/2011	12/30/11 23:56	
Silver	ND	1.0	NA	1	B1L0940	12/29/2011	12/30/11 23:56	
Thallium	ND	1.0	NA	1	B1L0940	12/29/2011	12/30/11 23:56	
Vanadium	**37**	1.0	NA	1	B1L0940	12/29/2011	12/30/11 23:56	
Zinc	**30**	1.0	NA	1	B1L0940	12/29/2011	12/30/11 23:56	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B1L0958	12/31/2011	12/31/11 15:10	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G438-0
Lab ID: 1100808-13

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0940	12/29/2011	12/30/11 23:58	
Arsenic	**7.5**	1.0	NA	1	B1L0940	12/29/2011	12/30/11 23:58	
Barium	**180**	1.0	NA	1	B1L0940	12/29/2011	12/30/11 23:58	
Beryllium	ND	1.0	NA	1	B1L0940	12/29/2011	12/30/11 23:58	
Cadmium	ND	1.0	NA	1	B1L0940	12/29/2011	12/30/11 23:58	
Chromium	**23**	1.0	NA	1	B1L0940	12/29/2011	12/30/11 23:58	
Cobalt	**11**	1.0	NA	1	B1L0940	12/29/2011	12/30/11 23:58	
Copper	**24**	2.0	NA	1	B1L0940	12/29/2011	12/30/11 23:58	
Lead	**9.2**	1.0	NA	1	B1L0940	12/29/2011	12/30/11 23:58	
Molybdenum	ND	1.0	NA	1	B1L0940	12/29/2011	12/30/11 23:58	
Nickel	**25**	1.0	NA	1	B1L0940	12/29/2011	12/30/11 23:58	
Selenium	ND	1.0	NA	1	B1L0940	12/29/2011	12/30/11 23:58	
Silver	ND	1.0	NA	1	B1L0940	12/29/2011	12/30/11 23:58	
Thallium	ND	1.0	NA	1	B1L0940	12/29/2011	12/30/11 23:58	
Vanadium	**43**	1.0	NA	1	B1L0940	12/29/2011	12/30/11 23:58	
Zinc	**61**	1.0	NA	1	B1L0940	12/29/2011	12/30/11 23:58	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B1L0958	12/31/2011	12/31/11 15:12	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G438-.5
Lab ID: 1100808-14

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0940	12/29/2011	12/30/11 23:59	
Arsenic	**4.7**	1.0	NA	1	B1L0940	12/29/2011	12/30/11 23:59	
Barium	**120**	1.0	NA	1	B1L0940	12/29/2011	12/30/11 23:59	
Beryllium	ND	1.0	NA	1	B1L0940	12/29/2011	12/30/11 23:59	
Cadmium	ND	1.0	NA	1	B1L0940	12/29/2011	12/30/11 23:59	
Chromium	**18**	1.0	NA	1	B1L0940	12/29/2011	12/30/11 23:59	
Cobalt	**7.7**	1.0	NA	1	B1L0940	12/29/2011	12/30/11 23:59	
Copper	**17**	2.0	NA	1	B1L0940	12/29/2011	12/30/11 23:59	
Lead	**5.7**	1.0	NA	1	B1L0940	12/29/2011	12/30/11 23:59	
Molybdenum	ND	1.0	NA	1	B1L0940	12/29/2011	12/30/11 23:59	
Nickel	**16**	1.0	NA	1	B1L0940	12/29/2011	12/30/11 23:59	
Selenium	ND	1.0	NA	1	B1L0940	12/29/2011	12/30/11 23:59	
Silver	ND	1.0	NA	1	B1L0940	12/29/2011	12/30/11 23:59	
Thallium	ND	1.0	NA	1	B1L0940	12/29/2011	12/30/11 23:59	
Vanadium	**35**	1.0	NA	1	B1L0940	12/29/2011	12/30/11 23:59	
Zinc	**38**	1.0	NA	1	B1L0940	12/29/2011	12/30/11 23:59	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B1L0958	12/31/2011	12/31/11 15:14	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G438-1.5
Lab ID: 1100808-15

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0940	12/29/2011	12/31/11 00:01	
Arsenic	**4.1**	1.0	NA	1	B1L0940	12/29/2011	12/31/11 00:01	
Barium	**130**	1.0	NA	1	B1L0940	12/29/2011	12/31/11 00:01	
Beryllium	ND	1.0	NA	1	B1L0940	12/29/2011	12/31/11 00:01	
Cadmium	ND	1.0	NA	1	B1L0940	12/29/2011	12/31/11 00:01	
Chromium	**20**	1.0	NA	1	B1L0940	12/29/2011	12/31/11 00:01	
Cobalt	**8.7**	1.0	NA	1	B1L0940	12/29/2011	12/31/11 00:01	
Copper	**18**	2.0	NA	1	B1L0940	12/29/2011	12/31/11 00:01	
Lead	**6.1**	1.0	NA	1	B1L0940	12/29/2011	12/31/11 00:01	
Molybdenum	ND	1.0	NA	1	B1L0940	12/29/2011	12/31/11 00:01	
Nickel	**17**	1.0	NA	1	B1L0940	12/29/2011	12/31/11 00:01	
Selenium	ND	1.0	NA	1	B1L0940	12/29/2011	12/31/11 00:01	
Silver	ND	1.0	NA	1	B1L0940	12/29/2011	12/31/11 00:01	
Thallium	ND	1.0	NA	1	B1L0940	12/29/2011	12/31/11 00:01	
Vanadium	**39**	1.0	NA	1	B1L0940	12/29/2011	12/31/11 00:01	
Zinc	**38**	1.0	NA	1	B1L0940	12/29/2011	12/31/11 00:01	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B1L0958	12/31/2011	12/31/11 15:16	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G438-2.5
Lab ID: 1100808-16

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0940	12/29/2011	12/31/11 00:02	
Arsenic	**3.1**	1.0	NA	1	B1L0940	12/29/2011	12/31/11 00:02	
Barium	**150**	1.0	NA	1	B1L0940	12/29/2011	12/31/11 00:02	
Beryllium	ND	1.0	NA	1	B1L0940	12/29/2011	12/31/11 00:02	
Cadmium	ND	1.0	NA	1	B1L0940	12/29/2011	12/31/11 00:02	
Chromium	**16**	1.0	NA	1	B1L0940	12/29/2011	12/31/11 00:02	
Cobalt	**8.9**	1.0	NA	1	B1L0940	12/29/2011	12/31/11 00:02	
Copper	**13**	2.0	NA	1	B1L0940	12/29/2011	12/31/11 00:02	
Lead	**5.6**	1.0	NA	1	B1L0940	12/29/2011	12/31/11 00:02	
Molybdenum	ND	1.0	NA	1	B1L0940	12/29/2011	12/31/11 00:02	
Nickel	**13**	1.0	NA	1	B1L0940	12/29/2011	12/31/11 00:02	
Selenium	ND	1.0	NA	1	B1L0940	12/29/2011	12/31/11 00:02	
Silver	ND	1.0	NA	1	B1L0940	12/29/2011	12/31/11 00:02	
Thallium	ND	1.0	NA	1	B1L0940	12/29/2011	12/31/11 00:02	
Vanadium	**33**	1.0	NA	1	B1L0940	12/29/2011	12/31/11 00:02	
Zinc	**25**	1.0	NA	1	B1L0940	12/29/2011	12/31/11 00:02	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B1L0958	12/31/2011	12/31/11 15:18	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G439-0
Lab ID: 1100808-17

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0940	12/29/2011	12/31/11 00:04	
Arsenic	**6.7**	1.0	NA	1	B1L0940	12/29/2011	12/31/11 00:04	
Barium	**130**	1.0	NA	1	B1L0940	12/29/2011	12/31/11 00:04	
Beryllium	ND	1.0	NA	1	B1L0940	12/29/2011	12/31/11 00:04	
Cadmium	ND	1.0	NA	1	B1L0940	12/29/2011	12/31/11 00:04	
Chromium	**23**	1.0	NA	1	B1L0940	12/29/2011	12/31/11 00:04	
Cobalt	**8.3**	1.0	NA	1	B1L0940	12/29/2011	12/31/11 00:04	
Copper	**22**	2.0	NA	1	B1L0940	12/29/2011	12/31/11 00:04	
Lead	**13**	1.0	NA	1	B1L0940	12/29/2011	12/31/11 00:04	
Molybdenum	ND	1.0	NA	1	B1L0940	12/29/2011	12/31/11 00:04	
Nickel	**28**	1.0	NA	1	B1L0940	12/29/2011	12/31/11 00:04	
Selenium	ND	1.0	NA	1	B1L0940	12/29/2011	12/31/11 00:04	
Silver	ND	1.0	NA	1	B1L0940	12/29/2011	12/31/11 00:04	
Thallium	ND	1.0	NA	1	B1L0940	12/29/2011	12/31/11 00:04	
Vanadium	**42**	1.0	NA	1	B1L0940	12/29/2011	12/31/11 00:04	
Zinc	**57**	1.0	NA	1	B1L0940	12/29/2011	12/31/11 00:04	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B1L0958	12/31/2011	12/31/11 15:20	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G439-.5
Lab ID: 1100808-18

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0940	12/29/2011	12/31/11 00:06	
Arsenic	**4.8**	1.0	NA	1	B1L0940	12/29/2011	12/31/11 00:06	
Barium	**130**	1.0	NA	1	B1L0940	12/29/2011	12/31/11 00:06	
Beryllium	ND	1.0	NA	1	B1L0940	12/29/2011	12/31/11 00:06	
Cadmium	ND	1.0	NA	1	B1L0940	12/29/2011	12/31/11 00:06	
Chromium	**21**	1.0	NA	1	B1L0940	12/29/2011	12/31/11 00:06	
Cobalt	**6.8**	1.0	NA	1	B1L0940	12/29/2011	12/31/11 00:06	
Copper	**19**	2.0	NA	1	B1L0940	12/29/2011	12/31/11 00:06	
Lead	**6.1**	1.0	NA	1	B1L0940	12/29/2011	12/31/11 00:06	
Molybdenum	ND	1.0	NA	1	B1L0940	12/29/2011	12/31/11 00:06	
Nickel	**18**	1.0	NA	1	B1L0940	12/29/2011	12/31/11 00:06	
Selenium	ND	1.0	NA	1	B1L0940	12/29/2011	12/31/11 00:06	
Silver	ND	1.0	NA	1	B1L0940	12/29/2011	12/31/11 00:06	
Thallium	ND	1.0	NA	1	B1L0940	12/29/2011	12/31/11 00:06	
Vanadium	**39**	1.0	NA	1	B1L0940	12/29/2011	12/31/11 00:06	
Zinc	**43**	1.0	NA	1	B1L0940	12/29/2011	12/31/11 00:06	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B1L0958	12/31/2011	12/31/11 15:22	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G439-1.5
Lab ID: 1100808-19

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0940	12/29/2011	12/31/11 00:11	
Arsenic	**4.9**	1.0	NA	1	B1L0940	12/29/2011	12/31/11 00:11	
Barium	**130**	1.0	NA	1	B1L0940	12/29/2011	12/31/11 00:11	
Beryllium	ND	1.0	NA	1	B1L0940	12/29/2011	12/31/11 00:11	
Cadmium	ND	1.0	NA	1	B1L0940	12/29/2011	12/31/11 00:11	
Chromium	**20**	1.0	NA	1	B1L0940	12/29/2011	12/31/11 00:11	
Cobalt	**14**	1.0	NA	1	B1L0940	12/29/2011	12/31/11 00:11	
Copper	**18**	2.0	NA	1	B1L0940	12/29/2011	12/31/11 00:11	
Lead	**8.8**	1.0	NA	1	B1L0940	12/29/2011	12/31/11 00:11	
Molybdenum	ND	1.0	NA	1	B1L0940	12/29/2011	12/31/11 00:11	
Nickel	**22**	1.0	NA	1	B1L0940	12/29/2011	12/31/11 00:11	
Selenium	ND	1.0	NA	1	B1L0940	12/29/2011	12/31/11 00:11	
Silver	ND	1.0	NA	1	B1L0940	12/29/2011	12/31/11 00:11	
Thallium	ND	1.0	NA	1	B1L0940	12/29/2011	12/31/11 00:11	
Vanadium	**43**	1.0	NA	1	B1L0940	12/29/2011	12/31/11 00:11	
Zinc	**39**	1.0	NA	1	B1L0940	12/29/2011	12/31/11 00:11	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B1L0958	12/31/2011	12/31/11 15:28	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G439-2.5
Lab ID: 1100808-20

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0940	12/29/2011	12/31/11 00:13	
Arsenic	**3.3**	1.0	NA	1	B1L0940	12/29/2011	12/31/11 00:13	
Barium	**100**	1.0	NA	1	B1L0940	12/29/2011	12/31/11 00:13	
Beryllium	ND	1.0	NA	1	B1L0940	12/29/2011	12/31/11 00:13	
Cadmium	ND	1.0	NA	1	B1L0940	12/29/2011	12/31/11 00:13	
Chromium	**17**	1.0	NA	1	B1L0940	12/29/2011	12/31/11 00:13	
Cobalt	**7.7**	1.0	NA	1	B1L0940	12/29/2011	12/31/11 00:13	
Copper	**14**	2.0	NA	1	B1L0940	12/29/2011	12/31/11 00:13	
Lead	**5.2**	1.0	NA	1	B1L0940	12/29/2011	12/31/11 00:13	
Molybdenum	ND	1.0	NA	1	B1L0940	12/29/2011	12/31/11 00:13	
Nickel	**13**	1.0	NA	1	B1L0940	12/29/2011	12/31/11 00:13	
Selenium	ND	1.0	NA	1	B1L0940	12/29/2011	12/31/11 00:13	
Silver	ND	1.0	NA	1	B1L0940	12/29/2011	12/31/11 00:13	
Thallium	ND	1.0	NA	1	B1L0940	12/29/2011	12/31/11 00:13	
Vanadium	**37**	1.0	NA	1	B1L0940	12/29/2011	12/31/11 00:13	
Zinc	**31**	1.0	NA	1	B1L0940	12/29/2011	12/31/11 00:13	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B1L0958	12/31/2011	12/31/11 15:04	

pH by EPA 9045C

Analyst: LA

Analyte	Result (pH Units)	PQL (pH Units)	MDL (pH Units)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
pH	**8.4**	0.10	NA	1	B2A0065	01/03/2012	01/03/12 13:54	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G440-0
Lab ID: 1100808-21

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0941	12/29/2011	12/31/11 00:23	
Arsenic	**6.5**	1.0	NA	1	B1L0941	12/29/2011	12/31/11 00:23	
Barium	**160**	1.0	NA	1	B1L0941	12/29/2011	12/31/11 00:23	
Beryllium	ND	1.0	NA	1	B1L0941	12/29/2011	12/31/11 00:23	
Cadmium	ND	1.0	NA	1	B1L0941	12/29/2011	12/31/11 00:23	
Chromium	**24**	1.0	NA	1	B1L0941	12/29/2011	12/31/11 00:23	
Cobalt	**8.7**	1.0	NA	1	B1L0941	12/29/2011	12/31/11 00:23	
Copper	**24**	2.0	NA	1	B1L0941	12/29/2011	12/31/11 00:23	
Lead	**8.5**	1.0	NA	1	B1L0941	12/29/2011	12/31/11 00:23	
Molybdenum	ND	1.0	NA	1	B1L0941	12/29/2011	12/31/11 00:23	
Nickel	**24**	1.0	NA	1	B1L0941	12/29/2011	12/31/11 00:23	
Selenium	ND	1.0	NA	1	B1L0941	12/29/2011	12/31/11 00:23	
Silver	ND	1.0	NA	1	B1L0941	12/29/2011	12/31/11 00:23	
Thallium	ND	1.0	NA	1	B1L0941	12/29/2011	12/31/11 00:23	
Vanadium	**42**	1.0	NA	1	B1L0941	12/29/2011	12/31/11 00:23	
Zinc	**58**	1.0	NA	1	B1L0941	12/29/2011	12/31/11 00:23	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B1L0959	12/31/2011	12/31/11 15:45	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G440-.5
Lab ID: 1100808-22

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0941	12/29/2011	12/31/11 00:25	
Arsenic	**6.6**	1.0	NA	1	B1L0941	12/29/2011	12/31/11 00:25	
Barium	**130**	1.0	NA	1	B1L0941	12/29/2011	12/31/11 00:25	
Beryllium	ND	1.0	NA	1	B1L0941	12/29/2011	12/31/11 00:25	
Cadmium	ND	1.0	NA	1	B1L0941	12/29/2011	12/31/11 00:25	
Chromium	**24**	1.0	NA	1	B1L0941	12/29/2011	12/31/11 00:25	
Cobalt	**8.0**	1.0	NA	1	B1L0941	12/29/2011	12/31/11 00:25	
Copper	**21**	2.0	NA	1	B1L0941	12/29/2011	12/31/11 00:25	
Lead	**20**	1.0	NA	1	B1L0941	12/29/2011	12/31/11 00:25	
Molybdenum	ND	1.0	NA	1	B1L0941	12/29/2011	12/31/11 00:25	
Nickel	**20**	1.0	NA	1	B1L0941	12/29/2011	12/31/11 00:25	
Selenium	ND	1.0	NA	1	B1L0941	12/29/2011	12/31/11 00:25	
Silver	ND	1.0	NA	1	B1L0941	12/29/2011	12/31/11 00:25	
Thallium	ND	1.0	NA	1	B1L0941	12/29/2011	12/31/11 00:25	
Vanadium	**42**	1.0	NA	1	B1L0941	12/29/2011	12/31/11 00:25	
Zinc	**51**	1.0	NA	1	B1L0941	12/29/2011	12/31/11 00:25	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B1L0959	12/31/2011	12/31/11 15:47	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G440-1.5
Lab ID: 1100808-23

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0941	12/29/2011	12/31/11 00:26	
Arsenic	**4.9**	1.0	NA	1	B1L0941	12/29/2011	12/31/11 00:26	
Barium	**110**	1.0	NA	1	B1L0941	12/29/2011	12/31/11 00:26	
Beryllium	ND	1.0	NA	1	B1L0941	12/29/2011	12/31/11 00:26	
Cadmium	ND	1.0	NA	1	B1L0941	12/29/2011	12/31/11 00:26	
Chromium	**21**	1.0	NA	1	B1L0941	12/29/2011	12/31/11 00:26	
Cobalt	**11**	1.0	NA	1	B1L0941	12/29/2011	12/31/11 00:26	
Copper	**19**	2.0	NA	1	B1L0941	12/29/2011	12/31/11 00:26	
Lead	**8.3**	1.0	NA	1	B1L0941	12/29/2011	12/31/11 00:26	
Molybdenum	ND	1.0	NA	1	B1L0941	12/29/2011	12/31/11 00:26	
Nickel	**18**	1.0	NA	1	B1L0941	12/29/2011	12/31/11 00:26	
Selenium	ND	1.0	NA	1	B1L0941	12/29/2011	12/31/11 00:26	
Silver	ND	1.0	NA	1	B1L0941	12/29/2011	12/31/11 00:26	
Thallium	ND	1.0	NA	1	B1L0941	12/29/2011	12/31/11 00:26	
Vanadium	**42**	1.0	NA	1	B1L0941	12/29/2011	12/31/11 00:26	
Zinc	**42**	1.0	NA	1	B1L0941	12/29/2011	12/31/11 00:26	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B1L0959	12/31/2011	12/31/11 17:15	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G440-2.5
Lab ID: 1100808-24

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0941	12/29/2011	12/31/11 00:32	
Arsenic	**2.9**	1.0	NA	1	B1L0941	12/29/2011	12/31/11 00:32	
Barium	**150**	1.0	NA	1	B1L0941	12/29/2011	12/31/11 00:32	
Beryllium	ND	1.0	NA	1	B1L0941	12/29/2011	12/31/11 00:32	
Cadmium	ND	1.0	NA	1	B1L0941	12/29/2011	12/31/11 00:32	
Chromium	**17**	1.0	NA	1	B1L0941	12/29/2011	12/31/11 00:32	
Cobalt	**7.1**	1.0	NA	1	B1L0941	12/29/2011	12/31/11 00:32	
Copper	**14**	2.0	NA	1	B1L0941	12/29/2011	12/31/11 00:32	
Lead	**4.9**	1.0	NA	1	B1L0941	12/29/2011	12/31/11 00:32	
Molybdenum	ND	1.0	NA	1	B1L0941	12/29/2011	12/31/11 00:32	
Nickel	**15**	1.0	NA	1	B1L0941	12/29/2011	12/31/11 00:32	
Selenium	ND	1.0	NA	1	B1L0941	12/29/2011	12/31/11 00:32	
Silver	ND	1.0	NA	1	B1L0941	12/29/2011	12/31/11 00:32	
Thallium	ND	1.0	NA	1	B1L0941	12/29/2011	12/31/11 00:32	
Vanadium	**36**	1.0	NA	1	B1L0941	12/29/2011	12/31/11 00:32	
Zinc	**32**	1.0	NA	1	B1L0941	12/29/2011	12/31/11 00:32	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B1L0959	12/31/2011	12/31/11 17:17	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G441-0
Lab ID: 1100808-25

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0941	12/29/2011	12/31/11 00:33	
Arsenic	**7.0**	1.0	NA	1	B1L0941	12/29/2011	12/31/11 00:33	
Barium	**200**	1.0	NA	1	B1L0941	12/29/2011	12/31/11 00:33	
Beryllium	ND	1.0	NA	1	B1L0941	12/29/2011	12/31/11 00:33	
Cadmium	ND	1.0	NA	1	B1L0941	12/29/2011	12/31/11 00:33	
Chromium	**21**	1.0	NA	1	B1L0941	12/29/2011	12/31/11 00:33	
Cobalt	**8.1**	1.0	NA	1	B1L0941	12/29/2011	12/31/11 00:33	
Copper	**21**	2.0	NA	1	B1L0941	12/29/2011	12/31/11 00:33	
Lead	**10**	1.0	NA	1	B1L0941	12/29/2011	12/31/11 00:33	
Molybdenum	ND	1.0	NA	1	B1L0941	12/29/2011	12/31/11 00:33	
Nickel	**21**	1.0	NA	1	B1L0941	12/29/2011	12/31/11 00:33	
Selenium	ND	1.0	NA	1	B1L0941	12/29/2011	12/31/11 00:33	
Silver	ND	1.0	NA	1	B1L0941	12/29/2011	12/31/11 00:33	
Thallium	ND	1.0	NA	1	B1L0941	12/29/2011	12/31/11 00:33	
Vanadium	**40**	1.0	NA	1	B1L0941	12/29/2011	12/31/11 00:33	
Zinc	**47**	1.0	NA	1	B1L0941	12/29/2011	12/31/11 00:33	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B1L0959	12/31/2011	12/31/11 17:19	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G441-.5
Lab ID: 1100808-26

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0941	12/29/2011	12/31/11 00:35	
Arsenic	**4.3**	1.0	NA	1	B1L0941	12/29/2011	12/31/11 00:35	
Barium	**110**	1.0	NA	1	B1L0941	12/29/2011	12/31/11 00:35	
Beryllium	ND	1.0	NA	1	B1L0941	12/29/2011	12/31/11 00:35	
Cadmium	ND	1.0	NA	1	B1L0941	12/29/2011	12/31/11 00:35	
Chromium	**18**	1.0	NA	1	B1L0941	12/29/2011	12/31/11 00:35	
Cobalt	**4.9**	1.0	NA	1	B1L0941	12/29/2011	12/31/11 00:35	
Copper	**15**	2.0	NA	1	B1L0941	12/29/2011	12/31/11 00:35	
Lead	**5.6**	1.0	NA	1	B1L0941	12/29/2011	12/31/11 00:35	
Molybdenum	ND	1.0	NA	1	B1L0941	12/29/2011	12/31/11 00:35	
Nickel	**13**	1.0	NA	1	B1L0941	12/29/2011	12/31/11 00:35	
Selenium	ND	1.0	NA	1	B1L0941	12/29/2011	12/31/11 00:35	
Silver	ND	1.0	NA	1	B1L0941	12/29/2011	12/31/11 00:35	
Thallium	ND	1.0	NA	1	B1L0941	12/29/2011	12/31/11 00:35	
Vanadium	**36**	1.0	NA	1	B1L0941	12/29/2011	12/31/11 00:35	
Zinc	**34**	1.0	NA	1	B1L0941	12/29/2011	12/31/11 00:35	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B1L0959	12/31/2011	12/31/11 17:21	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G441-1.5
Lab ID: 1100808-27

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0941	12/29/2011	12/31/11 00:36	
Arsenic	**3.6**	1.0	NA	1	B1L0941	12/29/2011	12/31/11 00:36	
Barium	**97**	1.0	NA	1	B1L0941	12/29/2011	12/31/11 00:36	
Beryllium	ND	1.0	NA	1	B1L0941	12/29/2011	12/31/11 00:36	
Cadmium	ND	1.0	NA	1	B1L0941	12/29/2011	12/31/11 00:36	
Chromium	**19**	1.0	NA	1	B1L0941	12/29/2011	12/31/11 00:36	
Cobalt	**9.3**	1.0	NA	1	B1L0941	12/29/2011	12/31/11 00:36	
Copper	**16**	2.0	NA	1	B1L0941	12/29/2011	12/31/11 00:36	
Lead	**5.7**	1.0	NA	1	B1L0941	12/29/2011	12/31/11 00:36	
Molybdenum	ND	1.0	NA	1	B1L0941	12/29/2011	12/31/11 00:36	
Nickel	**17**	1.0	NA	1	B1L0941	12/29/2011	12/31/11 00:36	
Selenium	ND	1.0	NA	1	B1L0941	12/29/2011	12/31/11 00:36	
Silver	ND	1.0	NA	1	B1L0941	12/29/2011	12/31/11 00:36	
Thallium	ND	1.0	NA	1	B1L0941	12/29/2011	12/31/11 00:36	
Vanadium	**39**	1.0	NA	1	B1L0941	12/29/2011	12/31/11 00:36	
Zinc	**35**	1.0	NA	1	B1L0941	12/29/2011	12/31/11 00:36	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B1L0959	12/31/2011	12/31/11 17:23	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G441-2.5
Lab ID: 1100808-28

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0941	12/29/2011	12/31/11 00:38	
Arsenic	**3.4**	1.0	NA	1	B1L0941	12/29/2011	12/31/11 00:38	
Barium	**230**	1.0	NA	1	B1L0941	12/29/2011	12/31/11 00:38	
Beryllium	ND	1.0	NA	1	B1L0941	12/29/2011	12/31/11 00:38	
Cadmium	ND	1.0	NA	1	B1L0941	12/29/2011	12/31/11 00:38	
Chromium	**18**	1.0	NA	1	B1L0941	12/29/2011	12/31/11 00:38	
Cobalt	**11**	1.0	NA	1	B1L0941	12/29/2011	12/31/11 00:38	
Copper	**15**	2.0	NA	1	B1L0941	12/29/2011	12/31/11 00:38	
Lead	**6.1**	1.0	NA	1	B1L0941	12/29/2011	12/31/11 00:38	
Molybdenum	ND	1.0	NA	1	B1L0941	12/29/2011	12/31/11 00:38	
Nickel	**17**	1.0	NA	1	B1L0941	12/29/2011	12/31/11 00:38	
Selenium	ND	1.0	NA	1	B1L0941	12/29/2011	12/31/11 00:38	
Silver	ND	1.0	NA	1	B1L0941	12/29/2011	12/31/11 00:38	
Thallium	ND	1.0	NA	1	B1L0941	12/29/2011	12/31/11 00:38	
Vanadium	**39**	1.0	NA	1	B1L0941	12/29/2011	12/31/11 00:38	
Zinc	**33**	1.0	NA	1	B1L0941	12/29/2011	12/31/11 00:38	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B1L0959	12/31/2011	12/31/11 17:25	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G442-0
Lab ID: 1100808-29

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0941	12/29/2011	12/31/11 00:39	
Arsenic	**5.0**	1.0	NA	1	B1L0941	12/29/2011	12/31/11 00:39	
Barium	**120**	1.0	NA	1	B1L0941	12/29/2011	12/31/11 00:39	
Beryllium	ND	1.0	NA	1	B1L0941	12/29/2011	12/31/11 00:39	
Cadmium	ND	1.0	NA	1	B1L0941	12/29/2011	12/31/11 00:39	
Chromium	**21**	1.0	NA	1	B1L0941	12/29/2011	12/31/11 00:39	
Cobalt	**7.8**	1.0	NA	1	B1L0941	12/29/2011	12/31/11 00:39	
Copper	**16**	2.0	NA	1	B1L0941	12/29/2011	12/31/11 00:39	
Lead	**10**	1.0	NA	1	B1L0941	12/29/2011	12/31/11 00:39	
Molybdenum	ND	1.0	NA	1	B1L0941	12/29/2011	12/31/11 00:39	
Nickel	**28**	1.0	NA	1	B1L0941	12/29/2011	12/31/11 00:39	
Selenium	ND	1.0	NA	1	B1L0941	12/29/2011	12/31/11 00:39	
Silver	ND	1.0	NA	1	B1L0941	12/29/2011	12/31/11 00:39	
Thallium	ND	1.0	NA	1	B1L0941	12/29/2011	12/31/11 00:39	
Vanadium	**30**	1.0	NA	1	B1L0941	12/29/2011	12/31/11 00:39	
Zinc	**49**	1.0	NA	1	B1L0941	12/29/2011	12/31/11 00:39	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B1L0959	12/31/2011	12/31/11 17:27	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G442-.5
Lab ID: 1100808-30

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0941	12/29/2011	12/31/11 00:41	
Arsenic	**2.8**	1.0	NA	1	B1L0941	12/29/2011	12/31/11 00:41	
Barium	**99**	1.0	NA	1	B1L0941	12/29/2011	12/31/11 00:41	
Beryllium	ND	1.0	NA	1	B1L0941	12/29/2011	12/31/11 00:41	
Cadmium	ND	1.0	NA	1	B1L0941	12/29/2011	12/31/11 00:41	
Chromium	**16**	1.0	NA	1	B1L0941	12/29/2011	12/31/11 00:41	
Cobalt	**3.6**	1.0	NA	1	B1L0941	12/29/2011	12/31/11 00:41	
Copper	**13**	2.0	NA	1	B1L0941	12/29/2011	12/31/11 00:41	
Lead	**4.1**	1.0	NA	1	B1L0941	12/29/2011	12/31/11 00:41	
Molybdenum	ND	1.0	NA	1	B1L0941	12/29/2011	12/31/11 00:41	
Nickel	**10**	1.0	NA	1	B1L0941	12/29/2011	12/31/11 00:41	
Selenium	ND	1.0	NA	1	B1L0941	12/29/2011	12/31/11 00:41	
Silver	ND	1.0	NA	1	B1L0941	12/29/2011	12/31/11 00:41	
Thallium	ND	1.0	NA	1	B1L0941	12/29/2011	12/31/11 00:41	
Vanadium	**31**	1.0	NA	1	B1L0941	12/29/2011	12/31/11 00:41	
Zinc	**27**	1.0	NA	1	B1L0941	12/29/2011	12/31/11 00:41	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B1L0959	12/31/2011	12/31/11 15:41	

pH by EPA 9045C

Analyst: LA

Analyte	Result (pH Units)	PQL (pH Units)	MDL (pH Units)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
pH	**8.0**	0.10	NA	1	B2A0065	01/03/2012	01/03/12 13:54	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G442-1.5
Lab ID: 1100808-31

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0942	12/29/2011	12/30/11 18:52	
Arsenic	**3.0**	1.0	NA	1	B1L0942	12/29/2011	12/30/11 18:52	
Barium	**100**	1.0	NA	1	B1L0942	12/29/2011	12/30/11 18:52	
Beryllium	ND	1.0	NA	1	B1L0942	12/29/2011	12/30/11 18:52	
Cadmium	ND	1.0	NA	1	B1L0942	12/29/2011	12/30/11 18:52	
Chromium	**17**	1.0	NA	1	B1L0942	12/29/2011	12/30/11 18:52	
Cobalt	**8.8**	1.0	NA	1	B1L0942	12/29/2011	12/30/11 18:52	
Copper	**14**	2.0	NA	1	B1L0942	12/29/2011	12/30/11 18:52	
Lead	**5.3**	1.0	NA	1	B1L0942	12/29/2011	12/30/11 18:52	
Molybdenum	ND	1.0	NA	1	B1L0942	12/29/2011	12/30/11 18:52	
Nickel	**15**	1.0	NA	1	B1L0942	12/29/2011	12/30/11 18:52	
Selenium	ND	1.0	NA	1	B1L0942	12/29/2011	12/30/11 18:52	
Silver	ND	1.0	NA	1	B1L0942	12/29/2011	12/30/11 18:52	
Thallium	ND	1.0	NA	1	B1L0942	12/29/2011	12/30/11 18:52	
Vanadium	**34**	1.0	NA	1	B1L0942	12/29/2011	12/30/11 18:52	
Zinc	**28**	1.0	NA	1	B1L0942	12/29/2011	12/30/11 18:52	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B1L0960	12/31/2011	12/31/11 14:50	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G442-2.5
Lab ID: 1100808-32

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0942	12/29/2011	12/30/11 18:54	
Arsenic	**2.9**	1.0	NA	1	B1L0942	12/29/2011	12/30/11 18:54	
Barium	**110**	1.0	NA	1	B1L0942	12/29/2011	12/30/11 18:54	
Beryllium	ND	1.0	NA	1	B1L0942	12/29/2011	12/30/11 18:54	
Cadmium	ND	1.0	NA	1	B1L0942	12/29/2011	12/30/11 18:54	
Chromium	**16**	1.0	NA	1	B1L0942	12/29/2011	12/30/11 18:54	
Cobalt	**6.4**	1.0	NA	1	B1L0942	12/29/2011	12/30/11 18:54	
Copper	**13**	2.0	NA	1	B1L0942	12/29/2011	12/30/11 18:54	
Lead	**4.7**	1.0	NA	1	B1L0942	12/29/2011	12/30/11 18:54	
Molybdenum	ND	1.0	NA	1	B1L0942	12/29/2011	12/30/11 18:54	
Nickel	**13**	1.0	NA	1	B1L0942	12/29/2011	12/30/11 18:54	
Selenium	ND	1.0	NA	1	B1L0942	12/29/2011	12/30/11 18:54	
Silver	ND	1.0	NA	1	B1L0942	12/29/2011	12/30/11 18:54	
Thallium	ND	1.0	NA	1	B1L0942	12/29/2011	12/30/11 18:54	
Vanadium	**33**	1.0	NA	1	B1L0942	12/29/2011	12/30/11 18:54	
Zinc	**28**	1.0	NA	1	B1L0942	12/29/2011	12/30/11 18:54	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B1L0960	12/31/2011	12/31/11 14:52	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G443-0
Lab ID: 1100808-33

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0942	12/29/2011	12/30/11 18:56	
Arsenic	**3.3**	1.0	NA	1	B1L0942	12/29/2011	12/30/11 18:56	
Barium	**93**	1.0	NA	1	B1L0942	12/29/2011	12/30/11 18:56	
Beryllium	ND	1.0	NA	1	B1L0942	12/29/2011	12/30/11 18:56	
Cadmium	ND	1.0	NA	1	B1L0942	12/29/2011	12/30/11 18:56	
Chromium	**35**	1.0	NA	1	B1L0942	12/29/2011	12/30/11 18:56	
Cobalt	**8.0**	1.0	NA	1	B1L0942	12/29/2011	12/30/11 18:56	
Copper	**22**	2.0	NA	1	B1L0942	12/29/2011	12/30/11 18:56	
Lead	**11**	1.0	NA	1	B1L0942	12/29/2011	12/30/11 18:56	
Molybdenum	ND	1.0	NA	1	B1L0942	12/29/2011	12/30/11 18:56	
Nickel	**50**	1.0	NA	1	B1L0942	12/29/2011	12/30/11 18:56	
Selenium	ND	1.0	NA	1	B1L0942	12/29/2011	12/30/11 18:56	
Silver	ND	1.0	NA	1	B1L0942	12/29/2011	12/30/11 18:56	
Thallium	ND	1.0	NA	1	B1L0942	12/29/2011	12/30/11 18:56	
Vanadium	**31**	1.0	NA	1	B1L0942	12/29/2011	12/30/11 18:56	
Zinc	**92**	1.0	NA	1	B1L0942	12/29/2011	12/30/11 18:56	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B1L0960	12/31/2011	12/31/11 14:54	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G443-.5
Lab ID: 1100808-34

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	10	NA	5	B1L0942	12/29/2011	12/31/11 00:54	
Arsenic	ND	5.0	NA	5	B1L0942	12/29/2011	12/31/11 00:54	
Barium	**16**	5.0	NA	5	B1L0942	12/29/2011	12/31/11 00:54	
Beryllium	ND	5.0	NA	5	B1L0942	12/29/2011	12/31/11 00:54	
Cadmium	ND	5.0	NA	5	B1L0942	12/29/2011	12/31/11 00:54	
Chromium	ND	5.0	NA	5	B1L0942	12/29/2011	12/31/11 00:54	
Cobalt	ND	5.0	NA	5	B1L0942	12/29/2011	12/31/11 00:54	
Copper	ND	10	NA	5	B1L0942	12/29/2011	12/31/11 00:54	
Lead	ND	5.0	NA	5	B1L0942	12/29/2011	12/31/11 00:54	
Molybdenum	ND	5.0	NA	5	B1L0942	12/29/2011	12/31/11 00:54	
Nickel	ND	5.0	NA	5	B1L0942	12/29/2011	12/31/11 00:54	
Selenium	ND	5.0	NA	5	B1L0942	12/29/2011	12/31/11 00:54	
Silver	ND	5.0	NA	5	B1L0942	12/29/2011	12/31/11 00:54	
Thallium	ND	5.0	NA	5	B1L0942	12/29/2011	12/31/11 00:54	
Vanadium	**9.9**	5.0	NA	5	B1L0942	12/29/2011	12/31/11 00:54	
Zinc	**33**	5.0	NA	5	B1L0942	12/29/2011	12/31/11 00:54	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B1L0960	12/31/2011	12/31/11 14:56	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G443-1.5
Lab ID: 1100808-35

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0942	12/29/2011	12/30/11 19:04	
Arsenic	**3.1**	1.0	NA	1	B1L0942	12/29/2011	12/30/11 19:04	
Barium	**130**	1.0	NA	1	B1L0942	12/29/2011	12/30/11 19:04	
Beryllium	ND	1.0	NA	1	B1L0942	12/29/2011	12/30/11 19:04	
Cadmium	ND	1.0	NA	1	B1L0942	12/29/2011	12/30/11 19:04	
Chromium	**16**	1.0	NA	1	B1L0942	12/29/2011	12/30/11 19:04	
Cobalt	**8.9**	1.0	NA	1	B1L0942	12/29/2011	12/30/11 19:04	
Copper	**15**	2.0	NA	1	B1L0942	12/29/2011	12/30/11 19:04	
Lead	**5.4**	1.0	NA	1	B1L0942	12/29/2011	12/30/11 19:04	
Molybdenum	ND	1.0	NA	1	B1L0942	12/29/2011	12/30/11 19:04	
Nickel	**15**	1.0	NA	1	B1L0942	12/29/2011	12/30/11 19:04	
Selenium	ND	1.0	NA	1	B1L0942	12/29/2011	12/30/11 19:04	
Silver	ND	1.0	NA	1	B1L0942	12/29/2011	12/30/11 19:04	
Thallium	ND	1.0	NA	1	B1L0942	12/29/2011	12/30/11 19:04	
Vanadium	**34**	1.0	NA	1	B1L0942	12/29/2011	12/30/11 19:04	
Zinc	**28**	1.0	NA	1	B1L0942	12/29/2011	12/30/11 19:04	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B1L0960	12/31/2011	12/31/11 15:02	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G443-2.5
Lab ID: 1100808-36

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0942	12/29/2011	12/30/11 19:06	
Arsenic	**2.6**	1.0	NA	1	B1L0942	12/29/2011	12/30/11 19:06	
Barium	**160**	1.0	NA	1	B1L0942	12/29/2011	12/30/11 19:06	
Beryllium	ND	1.0	NA	1	B1L0942	12/29/2011	12/30/11 19:06	
Cadmium	ND	1.0	NA	1	B1L0942	12/29/2011	12/30/11 19:06	
Chromium	**16**	1.0	NA	1	B1L0942	12/29/2011	12/30/11 19:06	
Cobalt	**8.5**	1.0	NA	1	B1L0942	12/29/2011	12/30/11 19:06	
Copper	**15**	2.0	NA	1	B1L0942	12/29/2011	12/30/11 19:06	
Lead	**5.3**	1.0	NA	1	B1L0942	12/29/2011	12/30/11 19:06	
Molybdenum	ND	1.0	NA	1	B1L0942	12/29/2011	12/30/11 19:06	
Nickel	**14**	1.0	NA	1	B1L0942	12/29/2011	12/30/11 19:06	
Selenium	ND	1.0	NA	1	B1L0942	12/29/2011	12/30/11 19:06	
Silver	ND	1.0	NA	1	B1L0942	12/29/2011	12/30/11 19:06	
Thallium	ND	1.0	NA	1	B1L0942	12/29/2011	12/30/11 19:06	
Vanadium	**34**	1.0	NA	1	B1L0942	12/29/2011	12/30/11 19:06	
Zinc	**28**	1.0	NA	1	B1L0942	12/29/2011	12/30/11 19:06	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B1L0960	12/31/2011	12/31/11 15:04	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G444-0
Lab ID: 1100808-37

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0942	12/29/2011	12/30/11 19:08	
Arsenic	**4.2**	1.0	NA	1	B1L0942	12/29/2011	12/30/11 19:08	
Barium	**110**	1.0	NA	1	B1L0942	12/29/2011	12/30/11 19:08	
Beryllium	ND	1.0	NA	1	B1L0942	12/29/2011	12/30/11 19:08	
Cadmium	ND	1.0	NA	1	B1L0942	12/29/2011	12/30/11 19:08	
Chromium	**27**	1.0	NA	1	B1L0942	12/29/2011	12/30/11 19:08	
Cobalt	**7.9**	1.0	NA	1	B1L0942	12/29/2011	12/30/11 19:08	
Copper	**17**	2.0	NA	1	B1L0942	12/29/2011	12/30/11 19:08	
Lead	**12**	1.0	NA	1	B1L0942	12/29/2011	12/30/11 19:08	
Molybdenum	ND	1.0	NA	1	B1L0942	12/29/2011	12/30/11 19:08	
Nickel	**35**	1.0	NA	1	B1L0942	12/29/2011	12/30/11 19:08	
Selenium	ND	1.0	NA	1	B1L0942	12/29/2011	12/30/11 19:08	
Silver	ND	1.0	NA	1	B1L0942	12/29/2011	12/30/11 19:08	
Thallium	ND	1.0	NA	1	B1L0942	12/29/2011	12/30/11 19:08	
Vanadium	**31**	1.0	NA	1	B1L0942	12/29/2011	12/30/11 19:08	
Zinc	**58**	1.0	NA	1	B1L0942	12/29/2011	12/30/11 19:08	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B1L0960	12/31/2011	12/31/11 15:06	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G444-.5
Lab ID: 1100808-38

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0942	12/29/2011	12/30/11 19:10	
Arsenic	**5.1**	1.0	NA	1	B1L0942	12/29/2011	12/30/11 19:10	
Barium	**110**	1.0	NA	1	B1L0942	12/29/2011	12/30/11 19:10	
Beryllium	ND	1.0	NA	1	B1L0942	12/29/2011	12/30/11 19:10	
Cadmium	ND	1.0	NA	1	B1L0942	12/29/2011	12/30/11 19:10	
Chromium	**19**	1.0	NA	1	B1L0942	12/29/2011	12/30/11 19:10	
Cobalt	**6.2**	1.0	NA	1	B1L0942	12/29/2011	12/30/11 19:10	
Copper	**18**	2.0	NA	1	B1L0942	12/29/2011	12/30/11 19:10	
Lead	**7.5**	1.0	NA	1	B1L0942	12/29/2011	12/30/11 19:10	
Molybdenum	ND	1.0	NA	1	B1L0942	12/29/2011	12/30/11 19:10	
Nickel	**18**	1.0	NA	1	B1L0942	12/29/2011	12/30/11 19:10	
Selenium	ND	1.0	NA	1	B1L0942	12/29/2011	12/30/11 19:10	
Silver	ND	1.0	NA	1	B1L0942	12/29/2011	12/30/11 19:10	
Thallium	ND	1.0	NA	1	B1L0942	12/29/2011	12/30/11 19:10	
Vanadium	**34**	1.0	NA	1	B1L0942	12/29/2011	12/30/11 19:10	
Zinc	**42**	1.0	NA	1	B1L0942	12/29/2011	12/30/11 19:10	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B1L0960	12/31/2011	12/31/11 15:08	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G444-1.5
Lab ID: 1100808-39

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0942	12/29/2011	12/30/11 19:11	
Arsenic	**8.0**	1.0	NA	1	B1L0942	12/29/2011	12/30/11 19:11	
Barium	**290**	1.0	NA	1	B1L0942	12/29/2011	12/30/11 19:11	
Beryllium	ND	1.0	NA	1	B1L0942	12/29/2011	12/30/11 19:11	
Cadmium	ND	1.0	NA	1	B1L0942	12/29/2011	12/30/11 19:11	
Chromium	**23**	1.0	NA	1	B1L0942	12/29/2011	12/30/11 19:11	
Cobalt	**9.0**	1.0	NA	1	B1L0942	12/29/2011	12/30/11 19:11	
Copper	**22**	2.0	NA	1	B1L0942	12/29/2011	12/30/11 19:11	
Lead	**15**	1.0	NA	1	B1L0942	12/29/2011	12/30/11 19:11	
Molybdenum	ND	1.0	NA	1	B1L0942	12/29/2011	12/30/11 19:11	
Nickel	**23**	1.0	NA	1	B1L0942	12/29/2011	12/30/11 19:11	
Selenium	ND	1.0	NA	1	B1L0942	12/29/2011	12/30/11 19:11	
Silver	ND	1.0	NA	1	B1L0942	12/29/2011	12/30/11 19:11	
Thallium	ND	1.0	NA	1	B1L0942	12/29/2011	12/30/11 19:11	
Vanadium	**38**	1.0	NA	1	B1L0942	12/29/2011	12/30/11 19:11	
Zinc	**54**	1.0	NA	1	B1L0942	12/29/2011	12/30/11 19:11	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B1L0960	12/31/2011	12/31/11 15:10	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G444-2.5
Lab ID: 1100808-40

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0942	12/29/2011	12/30/11 19:13	
Arsenic	**2.8**	1.0	NA	1	B1L0942	12/29/2011	12/30/11 19:13	
Barium	**140**	1.0	NA	1	B1L0942	12/29/2011	12/30/11 19:13	
Beryllium	ND	1.0	NA	1	B1L0942	12/29/2011	12/30/11 19:13	
Cadmium	ND	1.0	NA	1	B1L0942	12/29/2011	12/30/11 19:13	
Chromium	**14**	1.0	NA	1	B1L0942	12/29/2011	12/30/11 19:13	
Cobalt	**8.7**	1.0	NA	1	B1L0942	12/29/2011	12/30/11 19:13	
Copper	**15**	2.0	NA	1	B1L0942	12/29/2011	12/30/11 19:13	
Lead	**5.7**	1.0	NA	1	B1L0942	12/29/2011	12/30/11 19:13	
Molybdenum	ND	1.0	NA	1	B1L0942	12/29/2011	12/30/11 19:13	
Nickel	**14**	1.0	NA	1	B1L0942	12/29/2011	12/30/11 19:13	
Selenium	ND	1.0	NA	1	B1L0942	12/29/2011	12/30/11 19:13	
Silver	ND	1.0	NA	1	B1L0942	12/29/2011	12/30/11 19:13	
Thallium	ND	1.0	NA	1	B1L0942	12/29/2011	12/30/11 19:13	
Vanadium	**29**	1.0	NA	1	B1L0942	12/29/2011	12/30/11 19:13	
Zinc	**26**	1.0	NA	1	B1L0942	12/29/2011	12/30/11 19:13	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B1L0960	12/31/2011	12/31/11 14:46	

pH by EPA 9045C

Analyst: LA

Analyte	Result (pH Units)	PQL (pH Units)	MDL (pH Units)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
pH	**7.7**	0.10	NA	1	B2A0065	01/03/2012	01/03/12 13:54	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G445-0
Lab ID: 1100808-41

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0943	12/29/2011	12/30/11 19:31	
Arsenic	**1.7**	1.0	NA	1	B1L0943	12/29/2011	12/30/11 19:31	
Barium	**60**	1.0	NA	1	B1L0943	12/29/2011	12/30/11 19:31	
Beryllium	ND	1.0	NA	1	B1L0943	12/29/2011	12/30/11 19:31	
Cadmium	ND	1.0	NA	1	B1L0943	12/29/2011	12/30/11 19:31	
Chromium	**17**	1.0	NA	1	B1L0943	12/29/2011	12/30/11 19:31	
Cobalt	**4.4**	1.0	NA	1	B1L0943	12/29/2011	12/30/11 19:31	
Copper	**12**	2.0	NA	1	B1L0943	12/29/2011	12/30/11 19:31	
Lead	**2.7**	1.0	NA	1	B1L0943	12/29/2011	12/30/11 19:31	
Molybdenum	ND	1.0	NA	1	B1L0943	12/29/2011	12/30/11 19:31	
Nickel	**29**	1.0	NA	1	B1L0943	12/29/2011	12/30/11 19:31	
Selenium	ND	1.0	NA	1	B1L0943	12/29/2011	12/30/11 19:31	
Silver	ND	1.0	NA	1	B1L0943	12/29/2011	12/30/11 19:31	
Thallium	ND	1.0	NA	1	B1L0943	12/29/2011	12/30/11 19:31	
Vanadium	**18**	1.0	NA	1	B1L0943	12/29/2011	12/30/11 19:31	
Zinc	**22**	1.0	NA	1	B1L0943	12/29/2011	12/30/11 19:31	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B1L0961	12/31/2011	12/31/11 15:30	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G445-.5
Lab ID: 1100808-42

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0943	12/29/2011	12/30/11 19:33	
Arsenic	**4.5**	1.0	NA	1	B1L0943	12/29/2011	12/30/11 19:33	
Barium	**94**	1.0	NA	1	B1L0943	12/29/2011	12/30/11 19:33	
Beryllium	ND	1.0	NA	1	B1L0943	12/29/2011	12/30/11 19:33	
Cadmium	ND	1.0	NA	1	B1L0943	12/29/2011	12/30/11 19:33	
Chromium	**21**	1.0	NA	1	B1L0943	12/29/2011	12/30/11 19:33	
Cobalt	**6.8**	1.0	NA	1	B1L0943	12/29/2011	12/30/11 19:33	
Copper	**17**	2.0	NA	1	B1L0943	12/29/2011	12/30/11 19:33	
Lead	**5.5**	1.0	NA	1	B1L0943	12/29/2011	12/30/11 19:33	
Molybdenum	ND	1.0	NA	1	B1L0943	12/29/2011	12/30/11 19:33	
Nickel	**20**	1.0	NA	1	B1L0943	12/29/2011	12/30/11 19:33	
Selenium	ND	1.0	NA	1	B1L0943	12/29/2011	12/30/11 19:33	
Silver	ND	1.0	NA	1	B1L0943	12/29/2011	12/30/11 19:33	
Thallium	ND	1.0	NA	1	B1L0943	12/29/2011	12/30/11 19:33	
Vanadium	**33**	1.0	NA	1	B1L0943	12/29/2011	12/30/11 19:33	
Zinc	**40**	1.0	NA	1	B1L0943	12/29/2011	12/30/11 19:33	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B1L0961	12/31/2011	12/31/11 15:32	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G445-1.5
Lab ID: 1100808-43

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0943	12/29/2011	12/30/11 19:35	
Arsenic	**2.9**	1.0	NA	1	B1L0943	12/29/2011	12/30/11 19:35	
Barium	**270**	1.0	NA	1	B1L0943	12/29/2011	12/30/11 19:35	
Beryllium	ND	1.0	NA	1	B1L0943	12/29/2011	12/30/11 19:35	
Cadmium	ND	1.0	NA	1	B1L0943	12/29/2011	12/30/11 19:35	
Chromium	**13**	1.0	NA	1	B1L0943	12/29/2011	12/30/11 19:35	
Cobalt	**8.3**	1.0	NA	1	B1L0943	12/29/2011	12/30/11 19:35	
Copper	**14**	2.0	NA	1	B1L0943	12/29/2011	12/30/11 19:35	
Lead	**5.4**	1.0	NA	1	B1L0943	12/29/2011	12/30/11 19:35	
Molybdenum	ND	1.0	NA	1	B1L0943	12/29/2011	12/30/11 19:35	
Nickel	**13**	1.0	NA	1	B1L0943	12/29/2011	12/30/11 19:35	
Selenium	ND	1.0	NA	1	B1L0943	12/29/2011	12/30/11 19:35	
Silver	ND	1.0	NA	1	B1L0943	12/29/2011	12/30/11 19:35	
Thallium	ND	1.0	NA	1	B1L0943	12/29/2011	12/30/11 19:35	
Vanadium	**28**	1.0	NA	1	B1L0943	12/29/2011	12/30/11 19:35	
Zinc	**25**	1.0	NA	1	B1L0943	12/29/2011	12/30/11 19:35	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B1L0961	12/31/2011	12/31/11 15:34	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G445-2.5
Lab ID: 1100808-44

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0943	12/29/2011	12/30/11 19:37	
Arsenic	**3.2**	1.0	NA	1	B1L0943	12/29/2011	12/30/11 19:37	
Barium	**190**	1.0	NA	1	B1L0943	12/29/2011	12/30/11 19:37	
Beryllium	ND	1.0	NA	1	B1L0943	12/29/2011	12/30/11 19:37	
Cadmium	ND	1.0	NA	1	B1L0943	12/29/2011	12/30/11 19:37	
Chromium	**15**	1.0	NA	1	B1L0943	12/29/2011	12/30/11 19:37	
Cobalt	**9.6**	1.0	NA	1	B1L0943	12/29/2011	12/30/11 19:37	
Copper	**15**	2.0	NA	1	B1L0943	12/29/2011	12/30/11 19:37	
Lead	**5.9**	1.0	NA	1	B1L0943	12/29/2011	12/30/11 19:37	
Molybdenum	ND	1.0	NA	1	B1L0943	12/29/2011	12/30/11 19:37	
Nickel	**14**	1.0	NA	1	B1L0943	12/29/2011	12/30/11 19:37	
Selenium	ND	1.0	NA	1	B1L0943	12/29/2011	12/30/11 19:37	
Silver	ND	1.0	NA	1	B1L0943	12/29/2011	12/30/11 19:37	
Thallium	ND	1.0	NA	1	B1L0943	12/29/2011	12/30/11 19:37	
Vanadium	**30**	1.0	NA	1	B1L0943	12/29/2011	12/30/11 19:37	
Zinc	**28**	1.0	NA	1	B1L0943	12/29/2011	12/30/11 19:37	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B1L0961	12/31/2011	12/31/11 15:36	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G446-0
Lab ID: 1100808-45

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0943	12/29/2011	12/30/11 19:39	
Arsenic	**2.8**	1.0	NA	1	B1L0943	12/29/2011	12/30/11 19:39	
Barium	**68**	1.0	NA	1	B1L0943	12/29/2011	12/30/11 19:39	
Beryllium	ND	1.0	NA	1	B1L0943	12/29/2011	12/30/11 19:39	
Cadmium	ND	1.0	NA	1	B1L0943	12/29/2011	12/30/11 19:39	
Chromium	**35**	1.0	NA	1	B1L0943	12/29/2011	12/30/11 19:39	
Cobalt	**7.0**	1.0	NA	1	B1L0943	12/29/2011	12/30/11 19:39	
Copper	**16**	2.0	NA	1	B1L0943	12/29/2011	12/30/11 19:39	
Lead	**3.4**	1.0	NA	1	B1L0943	12/29/2011	12/30/11 19:39	
Molybdenum	ND	1.0	NA	1	B1L0943	12/29/2011	12/30/11 19:39	
Nickel	**52**	1.0	NA	1	B1L0943	12/29/2011	12/30/11 19:39	
Selenium	ND	1.0	NA	1	B1L0943	12/29/2011	12/30/11 19:39	
Silver	ND	1.0	NA	1	B1L0943	12/29/2011	12/30/11 19:39	
Thallium	ND	1.0	NA	1	B1L0943	12/29/2011	12/30/11 19:39	
Vanadium	**25**	1.0	NA	1	B1L0943	12/29/2011	12/30/11 19:39	
Zinc	**35**	1.0	NA	1	B1L0943	12/29/2011	12/30/11 19:39	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	**0.12**	0.10	NA	1	B1L0961	12/31/2011	12/31/11 15:38	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G446-.5
Lab ID: 1100808-46

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0943	12/29/2011	12/30/11 19:41	
Arsenic	**4.4**	1.0	NA	1	B1L0943	12/29/2011	12/30/11 19:41	
Barium	**99**	1.0	NA	1	B1L0943	12/29/2011	12/30/11 19:41	
Beryllium	ND	1.0	NA	1	B1L0943	12/29/2011	12/30/11 19:41	
Cadmium	ND	1.0	NA	1	B1L0943	12/29/2011	12/30/11 19:41	
Chromium	**52**	1.0	NA	1	B1L0943	12/29/2011	12/30/11 19:41	
Cobalt	**10**	1.0	NA	1	B1L0943	12/29/2011	12/30/11 19:41	
Copper	**17**	2.0	NA	1	B1L0943	12/29/2011	12/30/11 19:41	
Lead	**5.8**	1.0	NA	1	B1L0943	12/29/2011	12/30/11 19:41	
Molybdenum	ND	1.0	NA	1	B1L0943	12/29/2011	12/30/11 19:41	
Nickel	**89**	1.0	NA	1	B1L0943	12/29/2011	12/30/11 19:41	
Selenium	ND	1.0	NA	1	B1L0943	12/29/2011	12/30/11 19:41	
Silver	ND	1.0	NA	1	B1L0943	12/29/2011	12/30/11 19:41	
Thallium	ND	1.0	NA	1	B1L0943	12/29/2011	12/30/11 19:41	
Vanadium	**29**	1.0	NA	1	B1L0943	12/29/2011	12/30/11 19:41	
Zinc	**34**	1.0	NA	1	B1L0943	12/29/2011	12/30/11 19:41	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B1L0961	12/31/2011	12/31/11 15:40	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G446-1.5
Lab ID: 1100808-47

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0943	12/29/2011	12/30/11 19:43	
Arsenic	**2.7**	1.0	NA	1	B1L0943	12/29/2011	12/30/11 19:43	
Barium	**120**	1.0	NA	1	B1L0943	12/29/2011	12/30/11 19:43	
Beryllium	ND	1.0	NA	1	B1L0943	12/29/2011	12/30/11 19:43	
Cadmium	ND	1.0	NA	1	B1L0943	12/29/2011	12/30/11 19:43	
Chromium	**13**	1.0	NA	1	B1L0943	12/29/2011	12/30/11 19:43	
Cobalt	**8.7**	1.0	NA	1	B1L0943	12/29/2011	12/30/11 19:43	
Copper	**14**	2.0	NA	1	B1L0943	12/29/2011	12/30/11 19:43	
Lead	**5.6**	1.0	NA	1	B1L0943	12/29/2011	12/30/11 19:43	
Molybdenum	ND	1.0	NA	1	B1L0943	12/29/2011	12/30/11 19:43	
Nickel	**15**	1.0	NA	1	B1L0943	12/29/2011	12/30/11 19:43	
Selenium	ND	1.0	NA	1	B1L0943	12/29/2011	12/30/11 19:43	
Silver	ND	1.0	NA	1	B1L0943	12/29/2011	12/30/11 19:43	
Thallium	ND	1.0	NA	1	B1L0943	12/29/2011	12/30/11 19:43	
Vanadium	**28**	1.0	NA	1	B1L0943	12/29/2011	12/30/11 19:43	
Zinc	**24**	1.0	NA	1	B1L0943	12/29/2011	12/30/11 19:43	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B1L0961	12/31/2011	12/31/11 15:42	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G446-2.5
Lab ID: 1100808-48

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0943	12/29/2011	12/30/11 19:46	
Arsenic	**2.8**	1.0	NA	1	B1L0943	12/29/2011	12/30/11 19:46	
Barium	**120**	1.0	NA	1	B1L0943	12/29/2011	12/30/11 19:46	
Beryllium	ND	1.0	NA	1	B1L0943	12/29/2011	12/30/11 19:46	
Cadmium	ND	1.0	NA	1	B1L0943	12/29/2011	12/30/11 19:46	
Chromium	**13**	1.0	NA	1	B1L0943	12/29/2011	12/30/11 19:46	
Cobalt	**10**	1.0	NA	1	B1L0943	12/29/2011	12/30/11 19:46	
Copper	**15**	2.0	NA	1	B1L0943	12/29/2011	12/30/11 19:46	
Lead	**5.8**	1.0	NA	1	B1L0943	12/29/2011	12/30/11 19:46	
Molybdenum	ND	1.0	NA	1	B1L0943	12/29/2011	12/30/11 19:46	
Nickel	**17**	1.0	NA	1	B1L0943	12/29/2011	12/30/11 19:46	
Selenium	ND	1.0	NA	1	B1L0943	12/29/2011	12/30/11 19:46	
Silver	ND	1.0	NA	1	B1L0943	12/29/2011	12/30/11 19:46	
Thallium	ND	1.0	NA	1	B1L0943	12/29/2011	12/30/11 19:46	
Vanadium	**28**	1.0	NA	1	B1L0943	12/29/2011	12/30/11 19:46	
Zinc	**25**	1.0	NA	1	B1L0943	12/29/2011	12/30/11 19:46	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B1L0961	12/31/2011	12/31/11 15:44	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G447-0
Lab ID: 1100808-49

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0943	12/29/2011	12/30/11 19:52	
Arsenic	**2.9**	1.0	NA	1	B1L0943	12/29/2011	12/30/11 19:52	
Barium	**67**	1.0	NA	1	B1L0943	12/29/2011	12/30/11 19:52	
Beryllium	ND	1.0	NA	1	B1L0943	12/29/2011	12/30/11 19:52	
Cadmium	ND	1.0	NA	1	B1L0943	12/29/2011	12/30/11 19:52	
Chromium	**57**	1.0	NA	1	B1L0943	12/29/2011	12/30/11 19:52	
Cobalt	**9.0**	1.0	NA	1	B1L0943	12/29/2011	12/30/11 19:52	
Copper	**15**	2.0	NA	1	B1L0943	12/29/2011	12/30/11 19:52	
Lead	**2.8**	1.0	NA	1	B1L0943	12/29/2011	12/30/11 19:52	
Molybdenum	ND	1.0	NA	1	B1L0943	12/29/2011	12/30/11 19:52	
Nickel	**85**	1.0	NA	1	B1L0943	12/29/2011	12/30/11 19:52	
Selenium	ND	1.0	NA	1	B1L0943	12/29/2011	12/30/11 19:52	
Silver	ND	1.0	NA	1	B1L0943	12/29/2011	12/30/11 19:52	
Thallium	ND	1.0	NA	1	B1L0943	12/29/2011	12/30/11 19:52	
Vanadium	**27**	1.0	NA	1	B1L0943	12/29/2011	12/30/11 19:52	
Zinc	**37**	1.0	NA	1	B1L0943	12/29/2011	12/30/11 19:52	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B1L0961	12/31/2011	12/31/11 15:50	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G447-.5
Lab ID: 1100808-50

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0943	12/29/2011	12/30/11 19:54	
Arsenic	**8.4**	1.0	NA	1	B1L0943	12/29/2011	12/30/11 19:54	
Barium	**140**	1.0	NA	1	B1L0943	12/29/2011	12/30/11 19:54	
Beryllium	ND	1.0	NA	1	B1L0943	12/29/2011	12/30/11 19:54	
Cadmium	ND	1.0	NA	1	B1L0943	12/29/2011	12/30/11 19:54	
Chromium	**22**	1.0	NA	1	B1L0943	12/29/2011	12/30/11 19:54	
Cobalt	**6.0**	1.0	NA	1	B1L0943	12/29/2011	12/30/11 19:54	
Copper	**21**	2.0	NA	1	B1L0943	12/29/2011	12/30/11 19:54	
Lead	**9.7**	1.0	NA	1	B1L0943	12/29/2011	12/30/11 19:54	
Molybdenum	ND	1.0	NA	1	B1L0943	12/29/2011	12/30/11 19:54	
Nickel	**22**	1.0	NA	1	B1L0943	12/29/2011	12/30/11 19:54	
Selenium	ND	1.0	NA	1	B1L0943	12/29/2011	12/30/11 19:54	
Silver	ND	1.0	NA	1	B1L0943	12/29/2011	12/30/11 19:54	
Thallium	ND	1.0	NA	1	B1L0943	12/29/2011	12/30/11 19:54	
Vanadium	**38**	1.0	NA	1	B1L0943	12/29/2011	12/30/11 19:54	
Zinc	**55**	1.0	NA	1	B1L0943	12/29/2011	12/30/11 19:54	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B1L0961	12/31/2011	12/31/11 15:26	

pH by EPA 9045C

Analyst: LA

Analyte	Result (pH Units)	PQL (pH Units)	MDL (pH Units)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
pH	**8.0**	0.10	NA	1	B2A0065	01/03/2012	01/03/12 13:54	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G447-1.5
Lab ID: 1100808-51

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0944	12/29/2011	12/30/11 20:05	
Arsenic	**3.0**	1.0	NA	1	B1L0944	12/29/2011	12/30/11 20:05	
Barium	**150**	1.0	NA	1	B1L0944	12/29/2011	12/30/11 20:05	
Beryllium	ND	1.0	NA	1	B1L0944	12/29/2011	12/30/11 20:05	
Cadmium	ND	1.0	NA	1	B1L0944	12/29/2011	12/30/11 20:05	
Chromium	**15**	1.0	NA	1	B1L0944	12/29/2011	12/30/11 20:05	
Cobalt	**8.3**	1.0	NA	1	B1L0944	12/29/2011	12/30/11 20:05	
Copper	**16**	2.0	NA	1	B1L0944	12/29/2011	12/30/11 20:05	
Lead	**5.8**	1.0	NA	1	B1L0944	12/29/2011	12/30/11 20:05	
Molybdenum	ND	1.0	NA	1	B1L0944	12/29/2011	12/30/11 20:05	
Nickel	**15**	1.0	NA	1	B1L0944	12/29/2011	12/30/11 20:05	
Selenium	ND	1.0	NA	1	B1L0944	12/29/2011	12/30/11 20:05	
Silver	ND	1.0	NA	1	B1L0944	12/29/2011	12/30/11 20:05	
Thallium	ND	1.0	NA	1	B1L0944	12/29/2011	12/30/11 20:05	
Vanadium	**31**	1.0	NA	1	B1L0944	12/29/2011	12/30/11 20:05	
Zinc	**28**	1.0	NA	1	B1L0944	12/29/2011	12/30/11 20:05	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B1L0964	12/31/2011	12/31/11 16:06	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G447-2.5
Lab ID: 1100808-52

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0944	12/29/2011	12/30/11 20:07	
Arsenic	**4.0**	1.0	NA	1	B1L0944	12/29/2011	12/30/11 20:07	
Barium	**190**	1.0	NA	1	B1L0944	12/29/2011	12/30/11 20:07	
Beryllium	ND	1.0	NA	1	B1L0944	12/29/2011	12/30/11 20:07	
Cadmium	ND	1.0	NA	1	B1L0944	12/29/2011	12/30/11 20:07	
Chromium	**16**	1.0	NA	1	B1L0944	12/29/2011	12/30/11 20:07	
Cobalt	**11**	1.0	NA	1	B1L0944	12/29/2011	12/30/11 20:07	
Copper	**16**	2.0	NA	1	B1L0944	12/29/2011	12/30/11 20:07	
Lead	**6.2**	1.0	NA	1	B1L0944	12/29/2011	12/30/11 20:07	
Molybdenum	ND	1.0	NA	1	B1L0944	12/29/2011	12/30/11 20:07	
Nickel	**17**	1.0	NA	1	B1L0944	12/29/2011	12/30/11 20:07	
Selenium	ND	1.0	NA	1	B1L0944	12/29/2011	12/30/11 20:07	
Silver	ND	1.0	NA	1	B1L0944	12/29/2011	12/30/11 20:07	
Thallium	ND	1.0	NA	1	B1L0944	12/29/2011	12/30/11 20:07	
Vanadium	**34**	1.0	NA	1	B1L0944	12/29/2011	12/30/11 20:07	
Zinc	**32**	1.0	NA	1	B1L0944	12/29/2011	12/30/11 20:07	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B1L0964	12/31/2011	12/31/11 16:08	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G448-0
Lab ID: 1100808-53

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0944	12/29/2011	12/30/11 20:09	
Arsenic	**2.7**	1.0	NA	1	B1L0944	12/29/2011	12/30/11 20:09	
Barium	**93**	1.0	NA	1	B1L0944	12/29/2011	12/30/11 20:09	
Beryllium	ND	1.0	NA	1	B1L0944	12/29/2011	12/30/11 20:09	
Cadmium	ND	1.0	NA	1	B1L0944	12/29/2011	12/30/11 20:09	
Chromium	**37**	1.0	NA	1	B1L0944	12/29/2011	12/30/11 20:09	
Cobalt	**6.5**	1.0	NA	1	B1L0944	12/29/2011	12/30/11 20:09	
Copper	**16**	2.0	NA	1	B1L0944	12/29/2011	12/30/11 20:09	
Lead	**23**	1.0	NA	1	B1L0944	12/29/2011	12/30/11 20:09	
Molybdenum	ND	1.0	NA	1	B1L0944	12/29/2011	12/30/11 20:09	
Nickel	**47**	1.0	NA	1	B1L0944	12/29/2011	12/30/11 20:09	
Selenium	ND	1.0	NA	1	B1L0944	12/29/2011	12/30/11 20:09	
Silver	ND	1.0	NA	1	B1L0944	12/29/2011	12/30/11 20:09	
Thallium	ND	1.0	NA	1	B1L0944	12/29/2011	12/30/11 20:09	
Vanadium	**37**	1.0	NA	1	B1L0944	12/29/2011	12/30/11 20:09	
Zinc	**53**	1.0	NA	1	B1L0944	12/29/2011	12/30/11 20:09	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B1L0964	12/31/2011	12/31/11 16:14	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G448-.5
Lab ID: 1100808-54

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0944	12/29/2011	12/30/11 20:15	
Arsenic	**2.4**	1.0	NA	1	B1L0944	12/29/2011	12/30/11 20:15	
Barium	**58**	1.0	NA	1	B1L0944	12/29/2011	12/30/11 20:15	
Beryllium	ND	1.0	NA	1	B1L0944	12/29/2011	12/30/11 20:15	
Cadmium	ND	1.0	NA	1	B1L0944	12/29/2011	12/30/11 20:15	
Chromium	**52**	1.0	NA	1	B1L0944	12/29/2011	12/30/11 20:15	
Cobalt	**7.1**	1.0	NA	1	B1L0944	12/29/2011	12/30/11 20:15	
Copper	**12**	2.0	NA	1	B1L0944	12/29/2011	12/30/11 20:15	
Lead	**1.9**	1.0	NA	1	B1L0944	12/29/2011	12/30/11 20:15	
Molybdenum	**1.2**	1.0	NA	1	B1L0944	12/29/2011	12/30/11 20:15	
Nickel	**66**	1.0	NA	1	B1L0944	12/29/2011	12/30/11 20:15	
Selenium	ND	1.0	NA	1	B1L0944	12/29/2011	12/30/11 20:15	
Silver	ND	1.0	NA	1	B1L0944	12/29/2011	12/30/11 20:15	
Thallium	ND	1.0	NA	1	B1L0944	12/29/2011	12/30/11 20:15	
Vanadium	**22**	1.0	NA	1	B1L0944	12/29/2011	12/30/11 20:15	
Zinc	**25**	1.0	NA	1	B1L0944	12/29/2011	12/30/11 20:15	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	**0.13**	0.10	NA	1	B1L0964	12/31/2011	12/31/11 16:16	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G448-1.5
Lab ID: 1100808-55

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0944	12/29/2011	12/30/11 20:17	
Arsenic	**6.9**	1.0	NA	1	B1L0944	12/29/2011	12/30/11 20:17	
Barium	**190**	1.0	NA	1	B1L0944	12/29/2011	12/30/11 20:17	
Beryllium	ND	1.0	NA	1	B1L0944	12/29/2011	12/30/11 20:17	
Cadmium	ND	1.0	NA	1	B1L0944	12/29/2011	12/30/11 20:17	
Chromium	**22**	1.0	NA	1	B1L0944	12/29/2011	12/30/11 20:17	
Cobalt	**11**	1.0	NA	1	B1L0944	12/29/2011	12/30/11 20:17	
Copper	**21**	2.0	NA	1	B1L0944	12/29/2011	12/30/11 20:17	
Lead	**6.9**	1.0	NA	1	B1L0944	12/29/2011	12/30/11 20:17	
Molybdenum	ND	1.0	NA	1	B1L0944	12/29/2011	12/30/11 20:17	
Nickel	**26**	1.0	NA	1	B1L0944	12/29/2011	12/30/11 20:17	
Selenium	ND	1.0	NA	1	B1L0944	12/29/2011	12/30/11 20:17	
Silver	ND	1.0	NA	1	B1L0944	12/29/2011	12/30/11 20:17	
Thallium	ND	1.0	NA	1	B1L0944	12/29/2011	12/30/11 20:17	
Vanadium	**38**	1.0	NA	1	B1L0944	12/29/2011	12/30/11 20:17	
Zinc	**53**	1.0	NA	1	B1L0944	12/29/2011	12/30/11 20:17	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B1L0964	12/31/2011	12/31/11 16:18	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G448-2.5
Lab ID: 1100808-56

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0944	12/29/2011	12/30/11 20:19	
Arsenic	**3.3**	1.0	NA	1	B1L0944	12/29/2011	12/30/11 20:19	
Barium	**150**	1.0	NA	1	B1L0944	12/29/2011	12/30/11 20:19	
Beryllium	ND	1.0	NA	1	B1L0944	12/29/2011	12/30/11 20:19	
Cadmium	ND	1.0	NA	1	B1L0944	12/29/2011	12/30/11 20:19	
Chromium	**15**	1.0	NA	1	B1L0944	12/29/2011	12/30/11 20:19	
Cobalt	**9.3**	1.0	NA	1	B1L0944	12/29/2011	12/30/11 20:19	
Copper	**15**	2.0	NA	1	B1L0944	12/29/2011	12/30/11 20:19	
Lead	**6.0**	1.0	NA	1	B1L0944	12/29/2011	12/30/11 20:19	
Molybdenum	ND	1.0	NA	1	B1L0944	12/29/2011	12/30/11 20:19	
Nickel	**15**	1.0	NA	1	B1L0944	12/29/2011	12/30/11 20:19	
Selenium	ND	1.0	NA	1	B1L0944	12/29/2011	12/30/11 20:19	
Silver	ND	1.0	NA	1	B1L0944	12/29/2011	12/30/11 20:19	
Thallium	ND	1.0	NA	1	B1L0944	12/29/2011	12/30/11 20:19	
Vanadium	**31**	1.0	NA	1	B1L0944	12/29/2011	12/30/11 20:19	
Zinc	**29**	1.0	NA	1	B1L0944	12/29/2011	12/30/11 20:19	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B1L0964	12/31/2011	12/31/11 16:20	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G449-0
Lab ID: 1100808-57

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0944	12/29/2011	12/30/11 20:21	
Arsenic	**2.1**	1.0	NA	1	B1L0944	12/29/2011	12/30/11 20:21	
Barium	**82**	1.0	NA	1	B1L0944	12/29/2011	12/30/11 20:21	
Beryllium	ND	1.0	NA	1	B1L0944	12/29/2011	12/30/11 20:21	
Cadmium	ND	1.0	NA	1	B1L0944	12/29/2011	12/30/11 20:21	
Chromium	**39**	1.0	NA	1	B1L0944	12/29/2011	12/30/11 20:21	
Cobalt	**6.7**	1.0	NA	1	B1L0944	12/29/2011	12/30/11 20:21	
Copper	**14**	2.0	NA	1	B1L0944	12/29/2011	12/30/11 20:21	
Lead	**4.7**	1.0	NA	1	B1L0944	12/29/2011	12/30/11 20:21	
Molybdenum	ND	1.0	NA	1	B1L0944	12/29/2011	12/30/11 20:21	
Nickel	**47**	1.0	NA	1	B1L0944	12/29/2011	12/30/11 20:21	
Selenium	ND	1.0	NA	1	B1L0944	12/29/2011	12/30/11 20:21	
Silver	ND	1.0	NA	1	B1L0944	12/29/2011	12/30/11 20:21	
Thallium	ND	1.0	NA	1	B1L0944	12/29/2011	12/30/11 20:21	
Vanadium	**37**	1.0	NA	1	B1L0944	12/29/2011	12/30/11 20:21	
Zinc	**33**	1.0	NA	1	B1L0944	12/29/2011	12/30/11 20:21	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B1L0964	12/31/2011	12/31/11 16:22	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G449-.5
Lab ID: 1100808-58

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0944	12/29/2011	12/30/11 20:22	
Arsenic	**2.7**	1.0	NA	1	B1L0944	12/29/2011	12/30/11 20:22	
Barium	**65**	1.0	NA	1	B1L0944	12/29/2011	12/30/11 20:22	
Beryllium	ND	1.0	NA	1	B1L0944	12/29/2011	12/30/11 20:22	
Cadmium	ND	1.0	NA	1	B1L0944	12/29/2011	12/30/11 20:22	
Chromium	**52**	1.0	NA	1	B1L0944	12/29/2011	12/30/11 20:22	
Cobalt	**8.8**	1.0	NA	1	B1L0944	12/29/2011	12/30/11 20:22	
Copper	**16**	2.0	NA	1	B1L0944	12/29/2011	12/30/11 20:22	
Lead	**3.2**	1.0	NA	1	B1L0944	12/29/2011	12/30/11 20:22	
Molybdenum	ND	1.0	NA	1	B1L0944	12/29/2011	12/30/11 20:22	
Nickel	**73**	1.0	NA	1	B1L0944	12/29/2011	12/30/11 20:22	
Selenium	ND	1.0	NA	1	B1L0944	12/29/2011	12/30/11 20:22	
Silver	ND	1.0	NA	1	B1L0944	12/29/2011	12/30/11 20:22	
Thallium	ND	1.0	NA	1	B1L0944	12/29/2011	12/30/11 20:22	
Vanadium	**26**	1.0	NA	1	B1L0944	12/29/2011	12/30/11 20:22	
Zinc	**29**	1.0	NA	1	B1L0944	12/29/2011	12/30/11 20:22	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	**0.22**	0.10	NA	1	B1L0964	12/31/2011	12/31/11 16:24	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G449-1.5
Lab ID: 1100808-59

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0944	12/29/2011	12/30/11 20:24	
Arsenic	**2.6**	1.0	NA	1	B1L0944	12/29/2011	12/30/11 20:24	
Barium	**68**	1.0	NA	1	B1L0944	12/29/2011	12/30/11 20:24	
Beryllium	ND	1.0	NA	1	B1L0944	12/29/2011	12/30/11 20:24	
Cadmium	ND	1.0	NA	1	B1L0944	12/29/2011	12/30/11 20:24	
Chromium	**47**	1.0	NA	1	B1L0944	12/29/2011	12/30/11 20:24	
Cobalt	**7.7**	1.0	NA	1	B1L0944	12/29/2011	12/30/11 20:24	
Copper	**14**	2.0	NA	1	B1L0944	12/29/2011	12/30/11 20:24	
Lead	**2.1**	1.0	NA	1	B1L0944	12/29/2011	12/30/11 20:24	
Molybdenum	ND	1.0	NA	1	B1L0944	12/29/2011	12/30/11 20:24	
Nickel	**70**	1.0	NA	1	B1L0944	12/29/2011	12/30/11 20:24	
Selenium	ND	1.0	NA	1	B1L0944	12/29/2011	12/30/11 20:24	
Silver	ND	1.0	NA	1	B1L0944	12/29/2011	12/30/11 20:24	
Thallium	ND	1.0	NA	1	B1L0944	12/29/2011	12/30/11 20:24	
Vanadium	**27**	1.0	NA	1	B1L0944	12/29/2011	12/30/11 20:24	
Zinc	**31**	1.0	NA	1	B1L0944	12/29/2011	12/30/11 20:24	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	**0.15**	0.10	NA	1	B1L0964	12/31/2011	12/31/11 16:26	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G449-2.5
Lab ID: 1100808-60

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0944	12/29/2011	12/30/11 20:27	
Arsenic	**7.2**	1.0	NA	1	B1L0944	12/29/2011	12/30/11 20:27	
Barium	**190**	1.0	NA	1	B1L0944	12/29/2011	12/30/11 20:27	
Beryllium	ND	1.0	NA	1	B1L0944	12/29/2011	12/30/11 20:27	
Cadmium	ND	1.0	NA	1	B1L0944	12/29/2011	12/30/11 20:27	
Chromium	**23**	1.0	NA	1	B1L0944	12/29/2011	12/30/11 20:27	
Cobalt	**13**	1.0	NA	1	B1L0944	12/29/2011	12/30/11 20:27	
Copper	**23**	2.0	NA	1	B1L0944	12/29/2011	12/30/11 20:27	
Lead	**6.9**	1.0	NA	1	B1L0944	12/29/2011	12/30/11 20:27	
Molybdenum	ND	1.0	NA	1	B1L0944	12/29/2011	12/30/11 20:27	
Nickel	**24**	1.0	NA	1	B1L0944	12/29/2011	12/30/11 20:27	
Selenium	ND	1.0	NA	1	B1L0944	12/29/2011	12/30/11 20:27	
Silver	ND	1.0	NA	1	B1L0944	12/29/2011	12/30/11 20:27	
Thallium	ND	1.0	NA	1	B1L0944	12/29/2011	12/30/11 20:27	
Vanadium	**41**	1.0	NA	1	B1L0944	12/29/2011	12/30/11 20:27	
Zinc	**54**	1.0	NA	1	B1L0944	12/29/2011	12/30/11 20:27	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B1L0964	12/31/2011	12/31/11 16:02	

pH by EPA 9045C

Analyst: LA

Analyte	Result (pH Units)	PQL (pH Units)	MDL (pH Units)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
pH	**7.3**	0.10	NA	1	B2A0065	01/03/2012	01/03/12 13:54	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G450-0
Lab ID: 1100808-61

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0945	12/29/2011	12/30/11 20:42	
Arsenic	**3.2**	1.0	NA	1	B1L0945	12/29/2011	12/30/11 20:42	
Barium	**100**	1.0	NA	1	B1L0945	12/29/2011	12/30/11 20:42	
Beryllium	ND	1.0	NA	1	B1L0945	12/29/2011	12/30/11 20:42	
Cadmium	ND	1.0	NA	1	B1L0945	12/29/2011	12/30/11 20:42	
Chromium	**43**	1.0	NA	1	B1L0945	12/29/2011	12/30/11 20:42	
Cobalt	**7.0**	1.0	NA	1	B1L0945	12/29/2011	12/30/11 20:42	
Copper	**23**	2.0	NA	1	B1L0945	12/29/2011	12/30/11 20:42	
Lead	**13**	1.0	NA	1	B1L0945	12/29/2011	12/30/11 20:42	
Molybdenum	ND	1.0	NA	1	B1L0945	12/29/2011	12/30/11 20:42	
Nickel	**47**	1.0	NA	1	B1L0945	12/29/2011	12/30/11 20:42	
Selenium	ND	1.0	NA	1	B1L0945	12/29/2011	12/30/11 20:42	
Silver	ND	1.0	NA	1	B1L0945	12/29/2011	12/30/11 20:42	
Thallium	ND	1.0	NA	1	B1L0945	12/29/2011	12/30/11 20:42	
Vanadium	**31**	1.0	NA	1	B1L0945	12/29/2011	12/30/11 20:42	
Zinc	**100**	1.0	NA	1	B1L0945	12/29/2011	12/30/11 20:42	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B1L0965	12/31/2011	12/31/11 18:09	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G450-.5
Lab ID: 1100808-62

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0945	12/29/2011	12/30/11 20:43	
Arsenic	**2.6**	1.0	NA	1	B1L0945	12/29/2011	12/30/11 20:43	
Barium	**26**	1.0	NA	1	B1L0945	12/29/2011	12/30/11 20:43	
Beryllium	ND	1.0	NA	1	B1L0945	12/29/2011	12/30/11 20:43	
Cadmium	ND	1.0	NA	1	B1L0945	12/29/2011	12/30/11 20:43	
Chromium	**9.6**	1.0	NA	1	B1L0945	12/29/2011	12/30/11 20:43	
Cobalt	**3.9**	1.0	NA	1	B1L0945	12/29/2011	12/30/11 20:43	
Copper	**4.7**	2.0	NA	1	B1L0945	12/29/2011	12/30/11 20:43	
Lead	**2.1**	1.0	NA	1	B1L0945	12/29/2011	12/30/11 20:43	
Molybdenum	ND	1.0	NA	1	B1L0945	12/29/2011	12/30/11 20:43	
Nickel	**11**	1.0	NA	1	B1L0945	12/29/2011	12/30/11 20:43	
Selenium	ND	1.0	NA	1	B1L0945	12/29/2011	12/30/11 20:43	
Silver	ND	1.0	NA	1	B1L0945	12/29/2011	12/30/11 20:43	
Thallium	ND	1.0	NA	1	B1L0945	12/29/2011	12/30/11 20:43	
Vanadium	**17**	1.0	NA	1	B1L0945	12/29/2011	12/30/11 20:43	
Zinc	**20**	1.0	NA	1	B1L0945	12/29/2011	12/30/11 20:43	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B1L0965	12/31/2011	12/31/11 18:11	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G450-1.5
Lab ID: 1100808-63

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0945	12/29/2011	12/30/11 20:45	
Arsenic	**5.6**	1.0	NA	1	B1L0945	12/29/2011	12/30/11 20:45	
Barium	**190**	1.0	NA	1	B1L0945	12/29/2011	12/30/11 20:45	
Beryllium	ND	1.0	NA	1	B1L0945	12/29/2011	12/30/11 20:45	
Cadmium	ND	1.0	NA	1	B1L0945	12/29/2011	12/30/11 20:45	
Chromium	**16**	1.0	NA	1	B1L0945	12/29/2011	12/30/11 20:45	
Cobalt	**5.6**	1.0	NA	1	B1L0945	12/29/2011	12/30/11 20:45	
Copper	**18**	2.0	NA	1	B1L0945	12/29/2011	12/30/11 20:45	
Lead	**5.5**	1.0	NA	1	B1L0945	12/29/2011	12/30/11 20:45	
Molybdenum	ND	1.0	NA	1	B1L0945	12/29/2011	12/30/11 20:45	
Nickel	**17**	1.0	NA	1	B1L0945	12/29/2011	12/30/11 20:45	
Selenium	ND	1.0	NA	1	B1L0945	12/29/2011	12/30/11 20:45	
Silver	ND	1.0	NA	1	B1L0945	12/29/2011	12/30/11 20:45	
Thallium	ND	1.0	NA	1	B1L0945	12/29/2011	12/30/11 20:45	
Vanadium	**31**	1.0	NA	1	B1L0945	12/29/2011	12/30/11 20:45	
Zinc	**39**	1.0	NA	1	B1L0945	12/29/2011	12/30/11 20:45	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B1L0965	12/31/2011	12/31/11 18:13	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G450-2.5
Lab ID: 1100808-64

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0945	12/29/2011	12/30/11 20:46	
Arsenic	**3.0**	1.0	NA	1	B1L0945	12/29/2011	12/30/11 20:46	
Barium	**130**	1.0	NA	1	B1L0945	12/29/2011	12/30/11 20:46	
Beryllium	ND	1.0	NA	1	B1L0945	12/29/2011	12/30/11 20:46	
Cadmium	ND	1.0	NA	1	B1L0945	12/29/2011	12/30/11 20:46	
Chromium	**16**	1.0	NA	1	B1L0945	12/29/2011	12/30/11 20:46	
Cobalt	**8.4**	1.0	NA	1	B1L0945	12/29/2011	12/30/11 20:46	
Copper	**17**	2.0	NA	1	B1L0945	12/29/2011	12/30/11 20:46	
Lead	**6.0**	1.0	NA	1	B1L0945	12/29/2011	12/30/11 20:46	
Molybdenum	ND	1.0	NA	1	B1L0945	12/29/2011	12/30/11 20:46	
Nickel	**16**	1.0	NA	1	B1L0945	12/29/2011	12/30/11 20:46	
Selenium	ND	1.0	NA	1	B1L0945	12/29/2011	12/30/11 20:46	
Silver	ND	1.0	NA	1	B1L0945	12/29/2011	12/30/11 20:46	
Thallium	ND	1.0	NA	1	B1L0945	12/29/2011	12/30/11 20:46	
Vanadium	**31**	1.0	NA	1	B1L0945	12/29/2011	12/30/11 20:46	
Zinc	**31**	1.0	NA	1	B1L0945	12/29/2011	12/30/11 20:46	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B1L0965	12/31/2011	12/31/11 18:15	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G451-0
Lab ID: 1100808-65

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0945	12/29/2011	12/30/11 20:48	
Arsenic	**4.0**	1.0	NA	1	B1L0945	12/29/2011	12/30/11 20:48	
Barium	**96**	1.0	NA	1	B1L0945	12/29/2011	12/30/11 20:48	
Beryllium	ND	1.0	NA	1	B1L0945	12/29/2011	12/30/11 20:48	
Cadmium	ND	1.0	NA	1	B1L0945	12/29/2011	12/30/11 20:48	
Chromium	**41**	1.0	NA	1	B1L0945	12/29/2011	12/30/11 20:48	
Cobalt	**8.2**	1.0	NA	1	B1L0945	12/29/2011	12/30/11 20:48	
Copper	**21**	2.0	NA	1	B1L0945	12/29/2011	12/30/11 20:48	
Lead	**9.8**	1.0	NA	1	B1L0945	12/29/2011	12/30/11 20:48	
Molybdenum	ND	1.0	NA	1	B1L0945	12/29/2011	12/30/11 20:48	
Nickel	**55**	1.0	NA	1	B1L0945	12/29/2011	12/30/11 20:48	
Selenium	ND	1.0	NA	1	B1L0945	12/29/2011	12/30/11 20:48	
Silver	ND	1.0	NA	1	B1L0945	12/29/2011	12/30/11 20:48	
Thallium	ND	1.0	NA	1	B1L0945	12/29/2011	12/30/11 20:48	
Vanadium	**44**	1.0	NA	1	B1L0945	12/29/2011	12/30/11 20:48	
Zinc	**86**	1.0	NA	1	B1L0945	12/29/2011	12/30/11 20:48	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B1L0965	12/31/2011	12/31/11 18:21	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G451-.5
Lab ID: 1100808-66

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0945	12/29/2011	12/30/11 20:50	
Arsenic	**2.1**	1.0	NA	1	B1L0945	12/29/2011	12/30/11 20:50	
Barium	**71**	1.0	NA	1	B1L0945	12/29/2011	12/30/11 20:50	
Beryllium	ND	1.0	NA	1	B1L0945	12/29/2011	12/30/11 20:50	
Cadmium	ND	1.0	NA	1	B1L0945	12/29/2011	12/30/11 20:50	
Chromium	**41**	1.0	NA	1	B1L0945	12/29/2011	12/30/11 20:50	
Cobalt	**6.3**	1.0	NA	1	B1L0945	12/29/2011	12/30/11 20:50	
Copper	**11**	2.0	NA	1	B1L0945	12/29/2011	12/30/11 20:50	
Lead	**1.8**	1.0	NA	1	B1L0945	12/29/2011	12/30/11 20:50	
Molybdenum	ND	1.0	NA	1	B1L0945	12/29/2011	12/30/11 20:50	
Nickel	**56**	1.0	NA	1	B1L0945	12/29/2011	12/30/11 20:50	
Selenium	ND	1.0	NA	1	B1L0945	12/29/2011	12/30/11 20:50	
Silver	ND	1.0	NA	1	B1L0945	12/29/2011	12/30/11 20:50	
Thallium	ND	1.0	NA	1	B1L0945	12/29/2011	12/30/11 20:50	
Vanadium	**23**	1.0	NA	1	B1L0945	12/29/2011	12/30/11 20:50	
Zinc	**27**	1.0	NA	1	B1L0945	12/29/2011	12/30/11 20:50	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B1L0965	12/31/2011	12/31/11 18:23	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G451-1.5
Lab ID: 1100808-67

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0945	12/29/2011	12/30/11 20:52	
Arsenic	**3.2**	1.0	NA	1	B1L0945	12/29/2011	12/30/11 20:52	
Barium	**51**	1.0	NA	1	B1L0945	12/29/2011	12/30/11 20:52	
Beryllium	ND	1.0	NA	1	B1L0945	12/29/2011	12/30/11 20:52	
Cadmium	ND	1.0	NA	1	B1L0945	12/29/2011	12/30/11 20:52	
Chromium	**260**	1.0	NA	1	B1L0945	12/29/2011	12/30/11 20:52	
Cobalt	**16**	1.0	NA	1	B1L0945	12/29/2011	12/30/11 20:52	
Copper	**12**	2.0	NA	1	B1L0945	12/29/2011	12/30/11 20:52	
Lead	**68**	1.0	NA	1	B1L0945	12/29/2011	12/30/11 20:52	
Molybdenum	ND	1.0	NA	1	B1L0945	12/29/2011	12/30/11 20:52	
Nickel	**170**	1.0	NA	1	B1L0945	12/29/2011	12/30/11 20:52	
Selenium	ND	1.0	NA	1	B1L0945	12/29/2011	12/30/11 20:52	
Silver	ND	1.0	NA	1	B1L0945	12/29/2011	12/30/11 20:52	
Thallium	ND	1.0	NA	1	B1L0945	12/29/2011	12/30/11 20:52	
Vanadium	**23**	1.0	NA	1	B1L0945	12/29/2011	12/30/11 20:52	
Zinc	**59**	1.0	NA	1	B1L0945	12/29/2011	12/30/11 20:52	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B1L0965	12/31/2011	12/31/11 18:25	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G451-2.5
Lab ID: 1100808-68

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0945	12/29/2011	12/30/11 20:54	
Arsenic	**2.6**	1.0	NA	1	B1L0945	12/29/2011	12/30/11 20:54	
Barium	**19**	1.0	NA	1	B1L0945	12/29/2011	12/30/11 20:54	
Beryllium	ND	1.0	NA	1	B1L0945	12/29/2011	12/30/11 20:54	
Cadmium	ND	1.0	NA	1	B1L0945	12/29/2011	12/30/11 20:54	
Chromium	**8.8**	1.0	NA	1	B1L0945	12/29/2011	12/30/11 20:54	
Cobalt	**3.8**	1.0	NA	1	B1L0945	12/29/2011	12/30/11 20:54	
Copper	**3.5**	2.0	NA	1	B1L0945	12/29/2011	12/30/11 20:54	
Lead	**1.7**	1.0	NA	1	B1L0945	12/29/2011	12/30/11 20:54	
Molybdenum	ND	1.0	NA	1	B1L0945	12/29/2011	12/30/11 20:54	
Nickel	**8.5**	1.0	NA	1	B1L0945	12/29/2011	12/30/11 20:54	
Selenium	ND	1.0	NA	1	B1L0945	12/29/2011	12/30/11 20:54	
Silver	ND	1.0	NA	1	B1L0945	12/29/2011	12/30/11 20:54	
Thallium	ND	1.0	NA	1	B1L0945	12/29/2011	12/30/11 20:54	
Vanadium	**14**	1.0	NA	1	B1L0945	12/29/2011	12/30/11 20:54	
Zinc	**18**	1.0	NA	1	B1L0945	12/29/2011	12/30/11 20:54	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B1L0965	12/31/2011	12/31/11 18:27	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G452-0
Lab ID: 1100808-69

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0945	12/29/2011	12/30/11 21:00	
Arsenic	**3.2**	1.0	NA	1	B1L0945	12/29/2011	12/30/11 21:00	
Barium	**98**	1.0	NA	1	B1L0945	12/29/2011	12/30/11 21:00	
Beryllium	ND	1.0	NA	1	B1L0945	12/29/2011	12/30/11 21:00	
Cadmium	ND	1.0	NA	1	B1L0945	12/29/2011	12/30/11 21:00	
Chromium	**55**	1.0	NA	1	B1L0945	12/29/2011	12/30/11 21:00	
Cobalt	**8.3**	1.0	NA	1	B1L0945	12/29/2011	12/30/11 21:00	
Copper	**22**	2.0	NA	1	B1L0945	12/29/2011	12/30/11 21:00	
Lead	**10**	1.0	NA	1	B1L0945	12/29/2011	12/30/11 21:00	
Molybdenum	ND	1.0	NA	1	B1L0945	12/29/2011	12/30/11 21:00	
Nickel	**55**	1.0	NA	1	B1L0945	12/29/2011	12/30/11 21:00	
Selenium	ND	1.0	NA	1	B1L0945	12/29/2011	12/30/11 21:00	
Silver	ND	1.0	NA	1	B1L0945	12/29/2011	12/30/11 21:00	
Thallium	ND	1.0	NA	1	B1L0945	12/29/2011	12/30/11 21:00	
Vanadium	**42**	1.0	NA	1	B1L0945	12/29/2011	12/30/11 21:00	
Zinc	**57**	1.0	NA	1	B1L0945	12/29/2011	12/30/11 21:00	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B1L0965	12/31/2011	12/31/11 18:29	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G452-.5
Lab ID: 1100808-70

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0945	12/29/2011	12/30/11 21:01	
Arsenic	**5.3**	1.0	NA	1	B1L0945	12/29/2011	12/30/11 21:01	
Barium	**84**	1.0	NA	1	B1L0945	12/29/2011	12/30/11 21:01	
Beryllium	ND	1.0	NA	1	B1L0945	12/29/2011	12/30/11 21:01	
Cadmium	ND	1.0	NA	1	B1L0945	12/29/2011	12/30/11 21:01	
Chromium	**89**	1.0	NA	1	B1L0945	12/29/2011	12/30/11 21:01	
Cobalt	**11**	1.0	NA	1	B1L0945	12/29/2011	12/30/11 21:01	
Copper	**15**	2.0	NA	1	B1L0945	12/29/2011	12/30/11 21:01	
Lead	**6.2**	1.0	NA	1	B1L0945	12/29/2011	12/30/11 21:01	
Molybdenum	ND	1.0	NA	1	B1L0945	12/29/2011	12/30/11 21:01	
Nickel	**140**	1.0	NA	1	B1L0945	12/29/2011	12/30/11 21:01	
Selenium	ND	1.0	NA	1	B1L0945	12/29/2011	12/30/11 21:01	
Silver	ND	1.0	NA	1	B1L0945	12/29/2011	12/30/11 21:01	
Thallium	ND	1.0	NA	1	B1L0945	12/29/2011	12/30/11 21:01	
Vanadium	**31**	1.0	NA	1	B1L0945	12/29/2011	12/30/11 21:01	
Zinc	**39**	1.0	NA	1	B1L0945	12/29/2011	12/30/11 21:01	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	**0.23**	0.10	NA	1	B1L0965	12/31/2011	12/31/11 18:05	

pH by EPA 9045C

Analyst: LA

Analyte	Result (pH Units)	PQL (pH Units)	MDL (pH Units)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
pH	**9.0**	0.10	NA	1	B2A0065	01/03/2012	01/03/12 13:54	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G452-1.5
Lab ID: 1100808-71

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0946	12/29/2011	12/30/11 21:13	
Arsenic	**3.4**	1.0	NA	1	B1L0946	12/29/2011	12/30/11 21:13	
Barium	**98**	1.0	NA	1	B1L0946	12/29/2011	12/30/11 21:13	
Beryllium	ND	1.0	NA	1	B1L0946	12/29/2011	12/30/11 21:13	
Cadmium	ND	1.0	NA	1	B1L0946	12/29/2011	12/30/11 21:13	
Chromium	**110**	1.0	NA	1	B1L0946	12/29/2011	12/30/11 21:13	
Cobalt	**14**	1.0	NA	1	B1L0946	12/29/2011	12/30/11 21:13	
Copper	**15**	2.0	NA	1	B1L0946	12/29/2011	12/30/11 21:13	
Lead	**3.1**	1.0	NA	1	B1L0946	12/29/2011	12/30/11 21:13	
Molybdenum	ND	1.0	NA	1	B1L0946	12/29/2011	12/30/11 21:13	
Nickel	**200**	1.0	NA	1	B1L0946	12/29/2011	12/30/11 21:13	
Selenium	ND	1.0	NA	1	B1L0946	12/29/2011	12/30/11 21:13	
Silver	ND	1.0	NA	1	B1L0946	12/29/2011	12/30/11 21:13	
Thallium	ND	1.0	NA	1	B1L0946	12/29/2011	12/30/11 21:13	
Vanadium	**35**	1.0	NA	1	B1L0946	12/29/2011	12/30/11 21:13	
Zinc	**33**	1.0	NA	1	B1L0946	12/29/2011	12/30/11 21:13	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	**0.13**	0.10	NA	1	B1L0966	12/31/2011	12/31/11 18:50	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G452-2.5
Lab ID: 1100808-72

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0946	12/29/2011	12/30/11 21:15	
Arsenic	**2.4**	1.0	NA	1	B1L0946	12/29/2011	12/30/11 21:15	
Barium	**15**	1.0	NA	1	B1L0946	12/29/2011	12/30/11 21:15	
Beryllium	ND	1.0	NA	1	B1L0946	12/29/2011	12/30/11 21:15	
Cadmium	ND	1.0	NA	1	B1L0946	12/29/2011	12/30/11 21:15	
Chromium	**7.7**	1.0	NA	1	B1L0946	12/29/2011	12/30/11 21:15	
Cobalt	**3.0**	1.0	NA	1	B1L0946	12/29/2011	12/30/11 21:15	
Copper	**2.8**	2.0	NA	1	B1L0946	12/29/2011	12/30/11 21:15	
Lead	**1.5**	1.0	NA	1	B1L0946	12/29/2011	12/30/11 21:15	
Molybdenum	ND	1.0	NA	1	B1L0946	12/29/2011	12/30/11 21:15	
Nickel	**7.5**	1.0	NA	1	B1L0946	12/29/2011	12/30/11 21:15	
Selenium	ND	1.0	NA	1	B1L0946	12/29/2011	12/30/11 21:15	
Silver	ND	1.0	NA	1	B1L0946	12/29/2011	12/30/11 21:15	
Thallium	ND	1.0	NA	1	B1L0946	12/29/2011	12/30/11 21:15	
Vanadium	**14**	1.0	NA	1	B1L0946	12/29/2011	12/30/11 21:15	
Zinc	**18**	1.0	NA	1	B1L0946	12/29/2011	12/30/11 21:15	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B1L0966	12/31/2011	12/31/11 18:52	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G453-0
Lab ID: 1100808-73

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0946	12/29/2011	12/30/11 21:17	
Arsenic	**5.8**	1.0	NA	1	B1L0946	12/29/2011	12/30/11 21:17	
Barium	**130**	1.0	NA	1	B1L0946	12/29/2011	12/30/11 21:17	
Beryllium	ND	1.0	NA	1	B1L0946	12/29/2011	12/30/11 21:17	
Cadmium	ND	1.0	NA	1	B1L0946	12/29/2011	12/30/11 21:17	
Chromium	**24**	1.0	NA	1	B1L0946	12/29/2011	12/30/11 21:17	
Cobalt	**9.8**	1.0	NA	1	B1L0946	12/29/2011	12/30/11 21:17	
Copper	**20**	2.0	NA	1	B1L0946	12/29/2011	12/30/11 21:17	
Lead	**7.0**	1.0	NA	1	B1L0946	12/29/2011	12/30/11 21:17	
Molybdenum	ND	1.0	NA	1	B1L0946	12/29/2011	12/30/11 21:17	
Nickel	**32**	1.0	NA	1	B1L0946	12/29/2011	12/30/11 21:17	
Selenium	ND	1.0	NA	1	B1L0946	12/29/2011	12/30/11 21:17	
Silver	ND	1.0	NA	1	B1L0946	12/29/2011	12/30/11 21:17	
Thallium	ND	1.0	NA	1	B1L0946	12/29/2011	12/30/11 21:17	
Vanadium	**34**	1.0	NA	1	B1L0946	12/29/2011	12/30/11 21:17	
Zinc	**53**	1.0	NA	1	B1L0946	12/29/2011	12/30/11 21:17	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B1L0966	12/31/2011	12/31/11 18:54	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G453-.5
Lab ID: 1100808-74

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0946	12/29/2011	12/30/11 21:22	
Arsenic	**5.6**	1.0	NA	1	B1L0946	12/29/2011	12/30/11 21:22	
Barium	**180**	1.0	NA	1	B1L0946	12/29/2011	12/30/11 21:22	
Beryllium	ND	1.0	NA	1	B1L0946	12/29/2011	12/30/11 21:22	
Cadmium	ND	1.0	NA	1	B1L0946	12/29/2011	12/30/11 21:22	
Chromium	**19**	1.0	NA	1	B1L0946	12/29/2011	12/30/11 21:22	
Cobalt	**8.3**	1.0	NA	1	B1L0946	12/29/2011	12/30/11 21:22	
Copper	**20**	2.0	NA	1	B1L0946	12/29/2011	12/30/11 21:22	
Lead	**9.0**	1.0	NA	1	B1L0946	12/29/2011	12/30/11 21:22	
Molybdenum	ND	1.0	NA	1	B1L0946	12/29/2011	12/30/11 21:22	
Nickel	**19**	1.0	NA	1	B1L0946	12/29/2011	12/30/11 21:22	
Selenium	ND	1.0	NA	1	B1L0946	12/29/2011	12/30/11 21:22	
Silver	ND	1.0	NA	1	B1L0946	12/29/2011	12/30/11 21:22	
Thallium	ND	1.0	NA	1	B1L0946	12/29/2011	12/30/11 21:22	
Vanadium	**34**	1.0	NA	1	B1L0946	12/29/2011	12/30/11 21:22	
Zinc	**47**	1.0	NA	1	B1L0946	12/29/2011	12/30/11 21:22	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B1L0966	12/31/2011	12/31/11 18:56	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G453-1.5
Lab ID: 1100808-75

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0946	12/29/2011	12/30/11 21:24	
Arsenic	**6.3**	1.0	NA	1	B1L0946	12/29/2011	12/30/11 21:24	
Barium	**140**	1.0	NA	1	B1L0946	12/29/2011	12/30/11 21:24	
Beryllium	ND	1.0	NA	1	B1L0946	12/29/2011	12/30/11 21:24	
Cadmium	ND	1.0	NA	1	B1L0946	12/29/2011	12/30/11 21:24	
Chromium	**13**	1.0	NA	1	B1L0946	12/29/2011	12/30/11 21:24	
Cobalt	**25**	1.0	NA	1	B1L0946	12/29/2011	12/30/11 21:24	
Copper	**20**	2.0	NA	1	B1L0946	12/29/2011	12/30/11 21:24	
Lead	**5.8**	1.0	NA	1	B1L0946	12/29/2011	12/30/11 21:24	
Molybdenum	ND	1.0	NA	1	B1L0946	12/29/2011	12/30/11 21:24	
Nickel	**17**	1.0	NA	1	B1L0946	12/29/2011	12/30/11 21:24	
Selenium	ND	1.0	NA	1	B1L0946	12/29/2011	12/30/11 21:24	
Silver	ND	1.0	NA	1	B1L0946	12/29/2011	12/30/11 21:24	
Thallium	ND	1.0	NA	1	B1L0946	12/29/2011	12/30/11 21:24	
Vanadium	**24**	1.0	NA	1	B1L0946	12/29/2011	12/30/11 21:24	
Zinc	**39**	1.0	NA	1	B1L0946	12/29/2011	12/30/11 21:24	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B1L0966	12/31/2011	12/31/11 18:58	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G453-2.5
Lab ID: 1100808-76

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0946	12/29/2011	12/30/11 21:25	
Arsenic	**6.0**	1.0	NA	1	B1L0946	12/29/2011	12/30/11 21:25	
Barium	**200**	1.0	NA	1	B1L0946	12/29/2011	12/30/11 21:25	
Beryllium	ND	1.0	NA	1	B1L0946	12/29/2011	12/30/11 21:25	
Cadmium	ND	1.0	NA	1	B1L0946	12/29/2011	12/30/11 21:25	
Chromium	**20**	1.0	NA	1	B1L0946	12/29/2011	12/30/11 21:25	
Cobalt	**8.1**	1.0	NA	1	B1L0946	12/29/2011	12/30/11 21:25	
Copper	**23**	2.0	NA	1	B1L0946	12/29/2011	12/30/11 21:25	
Lead	**7.1**	1.0	NA	1	B1L0946	12/29/2011	12/30/11 21:25	
Molybdenum	ND	1.0	NA	1	B1L0946	12/29/2011	12/30/11 21:25	
Nickel	**21**	1.0	NA	1	B1L0946	12/29/2011	12/30/11 21:25	
Selenium	ND	1.0	NA	1	B1L0946	12/29/2011	12/30/11 21:25	
Silver	ND	1.0	NA	1	B1L0946	12/29/2011	12/30/11 21:25	
Thallium	ND	1.0	NA	1	B1L0946	12/29/2011	12/30/11 21:25	
Vanadium	**36**	1.0	NA	1	B1L0946	12/29/2011	12/30/11 21:25	
Zinc	**49**	1.0	NA	1	B1L0946	12/29/2011	12/30/11 21:25	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B1L0966	12/31/2011	12/31/11 19:00	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G454-0
Lab ID: 1100808-77

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0946	12/29/2011	12/30/11 21:27	
Arsenic	**6.8**	1.0	NA	1	B1L0946	12/29/2011	12/30/11 21:27	
Barium	**140**	1.0	NA	1	B1L0946	12/29/2011	12/30/11 21:27	
Beryllium	ND	1.0	NA	1	B1L0946	12/29/2011	12/30/11 21:27	
Cadmium	ND	1.0	NA	1	B1L0946	12/29/2011	12/30/11 21:27	
Chromium	**21**	1.0	NA	1	B1L0946	12/29/2011	12/30/11 21:27	
Cobalt	**8.9**	1.0	NA	1	B1L0946	12/29/2011	12/30/11 21:27	
Copper	**20**	2.0	NA	1	B1L0946	12/29/2011	12/30/11 21:27	
Lead	**7.7**	1.0	NA	1	B1L0946	12/29/2011	12/30/11 21:27	
Molybdenum	ND	1.0	NA	1	B1L0946	12/29/2011	12/30/11 21:27	
Nickel	**24**	1.0	NA	1	B1L0946	12/29/2011	12/30/11 21:27	
Selenium	ND	1.0	NA	1	B1L0946	12/29/2011	12/30/11 21:27	
Silver	ND	1.0	NA	1	B1L0946	12/29/2011	12/30/11 21:27	
Thallium	ND	1.0	NA	1	B1L0946	12/29/2011	12/30/11 21:27	
Vanadium	**34**	1.0	NA	1	B1L0946	12/29/2011	12/30/11 21:27	
Zinc	**48**	1.0	NA	1	B1L0946	12/29/2011	12/30/11 21:27	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B1L0966	12/31/2011	12/31/11 19:02	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G454-.5
Lab ID: 1100808-78

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0946	12/29/2011	12/30/11 21:28	
Arsenic	**6.2**	1.0	NA	1	B1L0946	12/29/2011	12/30/11 21:28	
Barium	**160**	1.0	NA	1	B1L0946	12/29/2011	12/30/11 21:28	
Beryllium	ND	1.0	NA	1	B1L0946	12/29/2011	12/30/11 21:28	
Cadmium	ND	1.0	NA	1	B1L0946	12/29/2011	12/30/11 21:28	
Chromium	**16**	1.0	NA	1	B1L0946	12/29/2011	12/30/11 21:28	
Cobalt	**8.8**	1.0	NA	1	B1L0946	12/29/2011	12/30/11 21:28	
Copper	**19**	2.0	NA	1	B1L0946	12/29/2011	12/30/11 21:28	
Lead	**30**	1.0	NA	1	B1L0946	12/29/2011	12/30/11 21:28	
Molybdenum	ND	1.0	NA	1	B1L0946	12/29/2011	12/30/11 21:28	
Nickel	**21**	1.0	NA	1	B1L0946	12/29/2011	12/30/11 21:28	
Selenium	ND	1.0	NA	1	B1L0946	12/29/2011	12/30/11 21:28	
Silver	ND	1.0	NA	1	B1L0946	12/29/2011	12/30/11 21:28	
Thallium	ND	1.0	NA	1	B1L0946	12/29/2011	12/30/11 21:28	
Vanadium	**31**	1.0	NA	1	B1L0946	12/29/2011	12/30/11 21:28	
Zinc	**45**	1.0	NA	1	B1L0946	12/29/2011	12/30/11 21:28	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B1L0966	12/31/2011	12/31/11 19:04	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G454-1.5
Lab ID: 1100808-79

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0946	12/29/2011	12/30/11 21:30	
Arsenic	**4.0**	1.0	NA	1	B1L0946	12/29/2011	12/30/11 21:30	
Barium	**140**	1.0	NA	1	B1L0946	12/29/2011	12/30/11 21:30	
Beryllium	ND	1.0	NA	1	B1L0946	12/29/2011	12/30/11 21:30	
Cadmium	ND	1.0	NA	1	B1L0946	12/29/2011	12/30/11 21:30	
Chromium	**16**	1.0	NA	1	B1L0946	12/29/2011	12/30/11 21:30	
Cobalt	**7.7**	1.0	NA	1	B1L0946	12/29/2011	12/30/11 21:30	
Copper	**17**	2.0	NA	1	B1L0946	12/29/2011	12/30/11 21:30	
Lead	**18**	1.0	NA	1	B1L0946	12/29/2011	12/30/11 21:30	
Molybdenum	ND	1.0	NA	1	B1L0946	12/29/2011	12/30/11 21:30	
Nickel	**18**	1.0	NA	1	B1L0946	12/29/2011	12/30/11 21:30	
Selenium	ND	1.0	NA	1	B1L0946	12/29/2011	12/30/11 21:30	
Silver	ND	1.0	NA	1	B1L0946	12/29/2011	12/30/11 21:30	
Thallium	ND	1.0	NA	1	B1L0946	12/29/2011	12/30/11 21:30	
Vanadium	**30**	1.0	NA	1	B1L0946	12/29/2011	12/30/11 21:30	
Zinc	**36**	1.0	NA	1	B1L0946	12/29/2011	12/30/11 21:30	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B1L0966	12/31/2011	12/31/11 19:10	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G454-2.5
Lab ID: 1100808-80

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0946	12/29/2011	12/30/11 21:32	
Arsenic	**4.7**	1.0	NA	1	B1L0946	12/29/2011	12/30/11 21:32	
Barium	**130**	1.0	NA	1	B1L0946	12/29/2011	12/30/11 21:32	
Beryllium	ND	1.0	NA	1	B1L0946	12/29/2011	12/30/11 21:32	
Cadmium	ND	1.0	NA	1	B1L0946	12/29/2011	12/30/11 21:32	
Chromium	**19**	1.0	NA	1	B1L0946	12/29/2011	12/30/11 21:32	
Cobalt	**11**	1.0	NA	1	B1L0946	12/29/2011	12/30/11 21:32	
Copper	**19**	2.0	NA	1	B1L0946	12/29/2011	12/30/11 21:32	
Lead	**9.6**	1.0	NA	1	B1L0946	12/29/2011	12/30/11 21:32	
Molybdenum	ND	1.0	NA	1	B1L0946	12/29/2011	12/30/11 21:32	
Nickel	**22**	1.0	NA	1	B1L0946	12/29/2011	12/30/11 21:32	
Selenium	ND	1.0	NA	1	B1L0946	12/29/2011	12/30/11 21:32	
Silver	ND	1.0	NA	1	B1L0946	12/29/2011	12/30/11 21:32	
Thallium	ND	1.0	NA	1	B1L0946	12/29/2011	12/30/11 21:32	
Vanadium	**35**	1.0	NA	1	B1L0946	12/29/2011	12/30/11 21:32	
Zinc	**40**	1.0	NA	1	B1L0946	12/29/2011	12/30/11 21:32	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B1L0966	12/31/2011	12/31/11 18:46	

pH by EPA 9045C

Analyst: LA

Analyte	Result (pH Units)	PQL (pH Units)	MDL (pH Units)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
pH	**7.7**	0.10	NA	1	B2A0065	01/03/2012	01/03/12 13:54	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G455-0
Lab ID: 1100808-81

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0947	12/29/2011	12/30/11 21:47	
Arsenic	**5.0**	1.0	NA	1	B1L0947	12/29/2011	12/30/11 21:47	
Barium	**120**	1.0	NA	1	B1L0947	12/29/2011	12/30/11 21:47	
Beryllium	ND	1.0	NA	1	B1L0947	12/29/2011	12/30/11 21:47	
Cadmium	ND	1.0	NA	1	B1L0947	12/29/2011	12/30/11 21:47	
Chromium	**43**	1.0	NA	1	B1L0947	12/29/2011	12/30/11 21:47	
Cobalt	**9.8**	1.0	NA	1	B1L0947	12/29/2011	12/30/11 21:47	
Copper	**19**	2.0	NA	1	B1L0947	12/29/2011	12/30/11 21:47	
Lead	**18**	1.0	NA	1	B1L0947	12/29/2011	12/30/11 21:47	
Molybdenum	ND	1.0	NA	1	B1L0947	12/29/2011	12/30/11 21:47	
Nickel	**55**	1.0	NA	1	B1L0947	12/29/2011	12/30/11 21:47	
Selenium	ND	1.0	NA	1	B1L0947	12/29/2011	12/30/11 21:47	
Silver	ND	1.0	NA	1	B1L0947	12/29/2011	12/30/11 21:47	
Thallium	ND	1.0	NA	1	B1L0947	12/29/2011	12/30/11 21:47	
Vanadium	**31**	1.0	NA	1	B1L0947	12/29/2011	12/30/11 21:47	
Zinc	**75**	1.0	NA	1	B1L0947	12/29/2011	12/30/11 21:47	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B1L0967	12/31/2011	12/31/11 19:27	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G455-.5
Lab ID: 1100808-82

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0947	12/29/2011	12/30/11 21:48	
Arsenic	**6.4**	1.0	NA	1	B1L0947	12/29/2011	12/30/11 21:48	
Barium	**180**	1.0	NA	1	B1L0947	12/29/2011	12/30/11 21:48	
Beryllium	ND	1.0	NA	1	B1L0947	12/29/2011	12/30/11 21:48	
Cadmium	ND	1.0	NA	1	B1L0947	12/29/2011	12/30/11 21:48	
Chromium	**16**	1.0	NA	1	B1L0947	12/29/2011	12/30/11 21:48	
Cobalt	**10**	1.0	NA	1	B1L0947	12/29/2011	12/30/11 21:48	
Copper	**19**	2.0	NA	1	B1L0947	12/29/2011	12/30/11 21:48	
Lead	**8.9**	1.0	NA	1	B1L0947	12/29/2011	12/30/11 21:48	
Molybdenum	ND	1.0	NA	1	B1L0947	12/29/2011	12/30/11 21:48	
Nickel	**20**	1.0	NA	1	B1L0947	12/29/2011	12/30/11 21:48	
Selenium	ND	1.0	NA	1	B1L0947	12/29/2011	12/30/11 21:48	
Silver	ND	1.0	NA	1	B1L0947	12/29/2011	12/30/11 21:48	
Thallium	ND	1.0	NA	1	B1L0947	12/29/2011	12/30/11 21:48	
Vanadium	**31**	1.0	NA	1	B1L0947	12/29/2011	12/30/11 21:48	
Zinc	**43**	1.0	NA	1	B1L0947	12/29/2011	12/30/11 21:48	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B1L0967	12/31/2011	12/31/11 19:29	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G455-1.5
Lab ID: 1100808-83

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0947	12/29/2011	12/30/11 21:50	
Arsenic	**4.4**	1.0	NA	1	B1L0947	12/29/2011	12/30/11 21:50	
Barium	**170**	1.0	NA	1	B1L0947	12/29/2011	12/30/11 21:50	
Beryllium	ND	1.0	NA	1	B1L0947	12/29/2011	12/30/11 21:50	
Cadmium	ND	1.0	NA	1	B1L0947	12/29/2011	12/30/11 21:50	
Chromium	**18**	1.0	NA	1	B1L0947	12/29/2011	12/30/11 21:50	
Cobalt	**11**	1.0	NA	1	B1L0947	12/29/2011	12/30/11 21:50	
Copper	**19**	2.0	NA	1	B1L0947	12/29/2011	12/30/11 21:50	
Lead	**7.2**	1.0	NA	1	B1L0947	12/29/2011	12/30/11 21:50	
Molybdenum	ND	1.0	NA	1	B1L0947	12/29/2011	12/30/11 21:50	
Nickel	**20**	1.0	NA	1	B1L0947	12/29/2011	12/30/11 21:50	
Selenium	ND	1.0	NA	1	B1L0947	12/29/2011	12/30/11 21:50	
Silver	ND	1.0	NA	1	B1L0947	12/29/2011	12/30/11 21:50	
Thallium	ND	1.0	NA	1	B1L0947	12/29/2011	12/30/11 21:50	
Vanadium	**35**	1.0	NA	1	B1L0947	12/29/2011	12/30/11 21:50	
Zinc	**40**	1.0	NA	1	B1L0947	12/29/2011	12/30/11 21:50	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B1L0967	12/31/2011	12/31/11 19:35	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G455-2.5
Lab ID: 1100808-84

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0947	12/29/2011	12/30/11 21:51	
Arsenic	**3.9**	1.0	NA	1	B1L0947	12/29/2011	12/30/11 21:51	
Barium	**130**	1.0	NA	1	B1L0947	12/29/2011	12/30/11 21:51	
Beryllium	ND	1.0	NA	1	B1L0947	12/29/2011	12/30/11 21:51	
Cadmium	ND	1.0	NA	1	B1L0947	12/29/2011	12/30/11 21:51	
Chromium	**17**	1.0	NA	1	B1L0947	12/29/2011	12/30/11 21:51	
Cobalt	**8.3**	1.0	NA	1	B1L0947	12/29/2011	12/30/11 21:51	
Copper	**18**	2.0	NA	1	B1L0947	12/29/2011	12/30/11 21:51	
Lead	**6.6**	1.0	NA	1	B1L0947	12/29/2011	12/30/11 21:51	
Molybdenum	ND	1.0	NA	1	B1L0947	12/29/2011	12/30/11 21:51	
Nickel	**16**	1.0	NA	1	B1L0947	12/29/2011	12/30/11 21:51	
Selenium	ND	1.0	NA	1	B1L0947	12/29/2011	12/30/11 21:51	
Silver	ND	1.0	NA	1	B1L0947	12/29/2011	12/30/11 21:51	
Thallium	ND	1.0	NA	1	B1L0947	12/29/2011	12/30/11 21:51	
Vanadium	**33**	1.0	NA	1	B1L0947	12/29/2011	12/30/11 21:51	
Zinc	**36**	1.0	NA	1	B1L0947	12/29/2011	12/30/11 21:51	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B1L0967	12/31/2011	12/31/11 19:37	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G456-0
Lab ID: 1100808-85

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0947	12/29/2011	12/30/11 21:53	
Arsenic	**8.2**	1.0	NA	1	B1L0947	12/29/2011	12/30/11 21:53	
Barium	**170**	1.0	NA	1	B1L0947	12/29/2011	12/30/11 21:53	
Beryllium	ND	1.0	NA	1	B1L0947	12/29/2011	12/30/11 21:53	
Cadmium	ND	1.0	NA	1	B1L0947	12/29/2011	12/30/11 21:53	
Chromium	**20**	1.0	NA	1	B1L0947	12/29/2011	12/30/11 21:53	
Cobalt	**9.9**	1.0	NA	1	B1L0947	12/29/2011	12/30/11 21:53	
Copper	**21**	2.0	NA	1	B1L0947	12/29/2011	12/30/11 21:53	
Lead	**19**	1.0	NA	1	B1L0947	12/29/2011	12/30/11 21:53	
Molybdenum	ND	1.0	NA	1	B1L0947	12/29/2011	12/30/11 21:53	
Nickel	**21**	1.0	NA	1	B1L0947	12/29/2011	12/30/11 21:53	
Selenium	ND	1.0	NA	1	B1L0947	12/29/2011	12/30/11 21:53	
Silver	ND	1.0	NA	1	B1L0947	12/29/2011	12/30/11 21:53	
Thallium	ND	1.0	NA	1	B1L0947	12/29/2011	12/30/11 21:53	
Vanadium	**36**	1.0	NA	1	B1L0947	12/29/2011	12/30/11 21:53	
Zinc	**54**	1.0	NA	1	B1L0947	12/29/2011	12/30/11 21:53	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B1L0967	12/31/2011	12/31/11 19:39	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G456-.5
Lab ID: 1100808-86

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0947	12/29/2011	12/30/11 21:55	
Arsenic	**11**	1.0	NA	1	B1L0947	12/29/2011	12/30/11 21:55	
Barium	**160**	1.0	NA	1	B1L0947	12/29/2011	12/30/11 21:55	
Beryllium	ND	1.0	NA	1	B1L0947	12/29/2011	12/30/11 21:55	
Cadmium	ND	1.0	NA	1	B1L0947	12/29/2011	12/30/11 21:55	
Chromium	**23**	1.0	NA	1	B1L0947	12/29/2011	12/30/11 21:55	
Cobalt	**8.7**	1.0	NA	1	B1L0947	12/29/2011	12/30/11 21:55	
Copper	**22**	2.0	NA	1	B1L0947	12/29/2011	12/30/11 21:55	
Lead	**13**	1.0	NA	1	B1L0947	12/29/2011	12/30/11 21:55	
Molybdenum	ND	1.0	NA	1	B1L0947	12/29/2011	12/30/11 21:55	
Nickel	**21**	1.0	NA	1	B1L0947	12/29/2011	12/30/11 21:55	
Selenium	ND	1.0	NA	1	B1L0947	12/29/2011	12/30/11 21:55	
Silver	ND	1.0	NA	1	B1L0947	12/29/2011	12/30/11 21:55	
Thallium	ND	1.0	NA	1	B1L0947	12/29/2011	12/30/11 21:55	
Vanadium	**42**	1.0	NA	1	B1L0947	12/29/2011	12/30/11 21:55	
Zinc	**54**	1.0	NA	1	B1L0947	12/29/2011	12/30/11 21:55	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B1L0967	12/31/2011	12/31/11 19:41	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G456-1.5
Lab ID: 1100808-87

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0947	12/29/2011	12/30/11 21:56	
Arsenic	**3.8**	1.0	NA	1	B1L0947	12/29/2011	12/30/11 21:56	
Barium	**160**	1.0	NA	1	B1L0947	12/29/2011	12/30/11 21:56	
Beryllium	ND	1.0	NA	1	B1L0947	12/29/2011	12/30/11 21:56	
Cadmium	ND	1.0	NA	1	B1L0947	12/29/2011	12/30/11 21:56	
Chromium	**19**	1.0	NA	1	B1L0947	12/29/2011	12/30/11 21:56	
Cobalt	**10**	1.0	NA	1	B1L0947	12/29/2011	12/30/11 21:56	
Copper	**19**	2.0	NA	1	B1L0947	12/29/2011	12/30/11 21:56	
Lead	**11**	1.0	NA	1	B1L0947	12/29/2011	12/30/11 21:56	
Molybdenum	ND	1.0	NA	1	B1L0947	12/29/2011	12/30/11 21:56	
Nickel	**20**	1.0	NA	1	B1L0947	12/29/2011	12/30/11 21:56	
Selenium	ND	1.0	NA	1	B1L0947	12/29/2011	12/30/11 21:56	
Silver	ND	1.0	NA	1	B1L0947	12/29/2011	12/30/11 21:56	
Thallium	ND	1.0	NA	1	B1L0947	12/29/2011	12/30/11 21:56	
Vanadium	**36**	1.0	NA	1	B1L0947	12/29/2011	12/30/11 21:56	
Zinc	**39**	1.0	NA	1	B1L0947	12/29/2011	12/30/11 21:56	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B1L0967	12/31/2011	12/31/11 19:43	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G456-2.5
Lab ID: 1100808-88

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0947	12/29/2011	12/30/11 21:58	
Arsenic	**4.3**	1.0	NA	1	B1L0947	12/29/2011	12/30/11 21:58	
Barium	**130**	1.0	NA	1	B1L0947	12/29/2011	12/30/11 21:58	
Beryllium	ND	1.0	NA	1	B1L0947	12/29/2011	12/30/11 21:58	
Cadmium	ND	1.0	NA	1	B1L0947	12/29/2011	12/30/11 21:58	
Chromium	**22**	1.0	NA	1	B1L0947	12/29/2011	12/30/11 21:58	
Cobalt	**8.6**	1.0	NA	1	B1L0947	12/29/2011	12/30/11 21:58	
Copper	**20**	2.0	NA	1	B1L0947	12/29/2011	12/30/11 21:58	
Lead	**7.8**	1.0	NA	1	B1L0947	12/29/2011	12/30/11 21:58	
Molybdenum	ND	1.0	NA	1	B1L0947	12/29/2011	12/30/11 21:58	
Nickel	**19**	1.0	NA	1	B1L0947	12/29/2011	12/30/11 21:58	
Selenium	ND	1.0	NA	1	B1L0947	12/29/2011	12/30/11 21:58	
Silver	ND	1.0	NA	1	B1L0947	12/29/2011	12/30/11 21:58	
Thallium	ND	1.0	NA	1	B1L0947	12/29/2011	12/30/11 21:58	
Vanadium	**42**	1.0	NA	1	B1L0947	12/29/2011	12/30/11 21:58	
Zinc	**43**	1.0	NA	1	B1L0947	12/29/2011	12/30/11 21:58	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B1L0967	12/31/2011	12/31/11 19:45	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G457-0
Lab ID: 1100808-89

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0947	12/29/2011	12/30/11 22:03	
Arsenic	**2.9**	1.0	NA	1	B1L0947	12/29/2011	12/30/11 22:03	
Barium	**91**	1.0	NA	1	B1L0947	12/29/2011	12/30/11 22:03	
Beryllium	ND	1.0	NA	1	B1L0947	12/29/2011	12/30/11 22:03	
Cadmium	ND	1.0	NA	1	B1L0947	12/29/2011	12/30/11 22:03	
Chromium	**53**	1.0	NA	1	B1L0947	12/29/2011	12/30/11 22:03	
Cobalt	**7.1**	1.0	NA	1	B1L0947	12/29/2011	12/30/11 22:03	
Copper	**17**	2.0	NA	1	B1L0947	12/29/2011	12/30/11 22:03	
Lead	**9.1**	1.0	NA	1	B1L0947	12/29/2011	12/30/11 22:03	
Molybdenum	ND	1.0	NA	1	B1L0947	12/29/2011	12/30/11 22:03	
Nickel	**50**	1.0	NA	1	B1L0947	12/29/2011	12/30/11 22:03	
Selenium	ND	1.0	NA	1	B1L0947	12/29/2011	12/30/11 22:03	
Silver	ND	1.0	NA	1	B1L0947	12/29/2011	12/30/11 22:03	
Thallium	ND	1.0	NA	1	B1L0947	12/29/2011	12/30/11 22:03	
Vanadium	**34**	1.0	NA	1	B1L0947	12/29/2011	12/30/11 22:03	
Zinc	**57**	1.0	NA	1	B1L0947	12/29/2011	12/30/11 22:03	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B1L0967	12/31/2011	12/31/11 19:47	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G457-.5
Lab ID: 1100808-90

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0947	12/29/2011	12/30/11 22:05	
Arsenic	**2.6**	1.0	NA	1	B1L0947	12/29/2011	12/30/11 22:05	
Barium	**63**	1.0	NA	1	B1L0947	12/29/2011	12/30/11 22:05	
Beryllium	ND	1.0	NA	1	B1L0947	12/29/2011	12/30/11 22:05	
Cadmium	ND	1.0	NA	1	B1L0947	12/29/2011	12/30/11 22:05	
Chromium	**54**	1.0	NA	1	B1L0947	12/29/2011	12/30/11 22:05	
Cobalt	**8.4**	1.0	NA	1	B1L0947	12/29/2011	12/30/11 22:05	
Copper	**14**	2.0	NA	1	B1L0947	12/29/2011	12/30/11 22:05	
Lead	**3.0**	1.0	NA	1	B1L0947	12/29/2011	12/30/11 22:05	
Molybdenum	ND	1.0	NA	1	B1L0947	12/29/2011	12/30/11 22:05	
Nickel	**89**	1.0	NA	1	B1L0947	12/29/2011	12/30/11 22:05	
Selenium	ND	1.0	NA	1	B1L0947	12/29/2011	12/30/11 22:05	
Silver	ND	1.0	NA	1	B1L0947	12/29/2011	12/30/11 22:05	
Thallium	ND	1.0	NA	1	B1L0947	12/29/2011	12/30/11 22:05	
Vanadium	**25**	1.0	NA	1	B1L0947	12/29/2011	12/30/11 22:05	
Zinc	**31**	1.0	NA	1	B1L0947	12/29/2011	12/30/11 22:05	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B1L0967	12/31/2011	12/31/11 19:23	

pH by EPA 9045C

Analyst: LA

Analyte	Result (pH Units)	PQL (pH Units)	MDL (pH Units)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
pH	**8.9**	0.10	NA	1	B2A0065	01/03/2012	01/03/12 13:54	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G457-1.5
Lab ID: 1100808-91

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0948	12/29/2011	12/30/11 22:17	
Arsenic	**3.0**	1.0	NA	1	B1L0948	12/29/2011	12/30/11 22:17	
Barium	**75**	1.0	NA	1	B1L0948	12/29/2011	12/30/11 22:17	
Beryllium	ND	1.0	NA	1	B1L0948	12/29/2011	12/30/11 22:17	
Cadmium	ND	1.0	NA	1	B1L0948	12/29/2011	12/30/11 22:17	
Chromium	**60**	1.0	NA	1	B1L0948	12/29/2011	12/30/11 22:17	
Cobalt	**9.4**	1.0	NA	1	B1L0948	12/29/2011	12/30/11 22:17	
Copper	**16**	2.0	NA	1	B1L0948	12/29/2011	12/30/11 22:17	
Lead	**1.9**	1.0	NA	1	B1L0948	12/29/2011	12/30/11 22:17	
Molybdenum	ND	1.0	NA	1	B1L0948	12/29/2011	12/30/11 22:17	
Nickel	**78**	1.0	NA	1	B1L0948	12/29/2011	12/30/11 22:17	
Selenium	ND	1.0	NA	1	B1L0948	12/29/2011	12/30/11 22:17	
Silver	ND	1.0	NA	1	B1L0948	12/29/2011	12/30/11 22:17	
Thallium	ND	1.0	NA	1	B1L0948	12/29/2011	12/30/11 22:17	
Vanadium	**31**	1.0	NA	1	B1L0948	12/29/2011	12/30/11 22:17	
Zinc	**31**	1.0	NA	1	B1L0948	12/29/2011	12/30/11 22:17	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B1L0968	12/31/2011	12/31/11 20:08	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G457-2.5
Lab ID: 1100808-92

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0948	12/29/2011	12/30/11 22:18	
Arsenic	**15**	1.0	NA	1	B1L0948	12/29/2011	12/30/11 22:18	
Barium	**170**	1.0	NA	1	B1L0948	12/29/2011	12/30/11 22:18	
Beryllium	ND	1.0	NA	1	B1L0948	12/29/2011	12/30/11 22:18	
Cadmium	ND	1.0	NA	1	B1L0948	12/29/2011	12/30/11 22:18	
Chromium	**23**	1.0	NA	1	B1L0948	12/29/2011	12/30/11 22:18	
Cobalt	**8.8**	1.0	NA	1	B1L0948	12/29/2011	12/30/11 22:18	
Copper	**21**	2.0	NA	1	B1L0948	12/29/2011	12/30/11 22:18	
Lead	**9.5**	1.0	NA	1	B1L0948	12/29/2011	12/30/11 22:18	
Molybdenum	ND	1.0	NA	1	B1L0948	12/29/2011	12/30/11 22:18	
Nickel	**21**	1.0	NA	1	B1L0948	12/29/2011	12/30/11 22:18	
Selenium	ND	1.0	NA	1	B1L0948	12/29/2011	12/30/11 22:18	
Silver	ND	1.0	NA	1	B1L0948	12/29/2011	12/30/11 22:18	
Thallium	ND	1.0	NA	1	B1L0948	12/29/2011	12/30/11 22:18	
Vanadium	**42**	1.0	NA	1	B1L0948	12/29/2011	12/30/11 22:18	
Zinc	**51**	1.0	NA	1	B1L0948	12/29/2011	12/30/11 22:18	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B1L0968	12/31/2011	12/31/11 20:10	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G458-0
Lab ID: 1100808-93

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0948	12/29/2011	12/30/11 22:20	
Arsenic	**4.0**	1.0	NA	1	B1L0948	12/29/2011	12/30/11 22:20	
Barium	**110**	1.0	NA	1	B1L0948	12/29/2011	12/30/11 22:20	
Beryllium	ND	1.0	NA	1	B1L0948	12/29/2011	12/30/11 22:20	
Cadmium	ND	1.0	NA	1	B1L0948	12/29/2011	12/30/11 22:20	
Chromium	**84**	1.0	NA	1	B1L0948	12/29/2011	12/30/11 22:20	
Cobalt	**9.5**	1.0	NA	1	B1L0948	12/29/2011	12/30/11 22:20	
Copper	**26**	2.0	NA	1	B1L0948	12/29/2011	12/30/11 22:20	
Lead	**15**	1.0	NA	1	B1L0948	12/29/2011	12/30/11 22:20	
Molybdenum	ND	1.0	NA	1	B1L0948	12/29/2011	12/30/11 22:20	
Nickel	**76**	1.0	NA	1	B1L0948	12/29/2011	12/30/11 22:20	
Selenium	ND	1.0	NA	1	B1L0948	12/29/2011	12/30/11 22:20	
Silver	ND	1.0	NA	1	B1L0948	12/29/2011	12/30/11 22:20	
Thallium	ND	1.0	NA	1	B1L0948	12/29/2011	12/30/11 22:20	
Vanadium	**39**	1.0	NA	1	B1L0948	12/29/2011	12/30/11 22:20	
Zinc	**94**	1.0	NA	1	B1L0948	12/29/2011	12/30/11 22:20	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B1L0968	12/31/2011	12/31/11 20:12	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G458-.5
Lab ID: 1100808-94

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0948	12/29/2011	12/30/11 22:25	
Arsenic	**7.2**	1.0	NA	1	B1L0948	12/29/2011	12/30/11 22:25	
Barium	**170**	1.0	NA	1	B1L0948	12/29/2011	12/30/11 22:25	
Beryllium	ND	1.0	NA	1	B1L0948	12/29/2011	12/30/11 22:25	
Cadmium	ND	1.0	NA	1	B1L0948	12/29/2011	12/30/11 22:25	
Chromium	**26**	1.0	NA	1	B1L0948	12/29/2011	12/30/11 22:25	
Cobalt	**8.9**	1.0	NA	1	B1L0948	12/29/2011	12/30/11 22:25	
Copper	**22**	2.0	NA	1	B1L0948	12/29/2011	12/30/11 22:25	
Lead	**15**	1.0	NA	1	B1L0948	12/29/2011	12/30/11 22:25	
Molybdenum	ND	1.0	NA	1	B1L0948	12/29/2011	12/30/11 22:25	
Nickel	**29**	1.0	NA	1	B1L0948	12/29/2011	12/30/11 22:25	
Selenium	ND	1.0	NA	1	B1L0948	12/29/2011	12/30/11 22:25	
Silver	ND	1.0	NA	1	B1L0948	12/29/2011	12/30/11 22:25	
Thallium	ND	1.0	NA	1	B1L0948	12/29/2011	12/30/11 22:25	
Vanadium	**40**	1.0	NA	1	B1L0948	12/29/2011	12/30/11 22:25	
Zinc	**54**	1.0	NA	1	B1L0948	12/29/2011	12/30/11 22:25	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B1L0968	12/31/2011	12/31/11 20:14	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G458-1.5
Lab ID: 1100808-95

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0948	12/29/2011	12/30/11 22:27	
Arsenic	**6.5**	1.0	NA	1	B1L0948	12/29/2011	12/30/11 22:27	
Barium	**180**	1.0	NA	1	B1L0948	12/29/2011	12/30/11 22:27	
Beryllium	ND	1.0	NA	1	B1L0948	12/29/2011	12/30/11 22:27	
Cadmium	ND	1.0	NA	1	B1L0948	12/29/2011	12/30/11 22:27	
Chromium	**32**	1.0	NA	1	B1L0948	12/29/2011	12/30/11 22:27	
Cobalt	**9.3**	1.0	NA	1	B1L0948	12/29/2011	12/30/11 22:27	
Copper	**21**	2.0	NA	1	B1L0948	12/29/2011	12/30/11 22:27	
Lead	**5.8**	1.0	NA	1	B1L0948	12/29/2011	12/30/11 22:27	
Molybdenum	ND	1.0	NA	1	B1L0948	12/29/2011	12/30/11 22:27	
Nickel	**24**	1.0	NA	1	B1L0948	12/29/2011	12/30/11 22:27	
Selenium	ND	1.0	NA	1	B1L0948	12/29/2011	12/30/11 22:27	
Silver	ND	1.0	NA	1	B1L0948	12/29/2011	12/30/11 22:27	
Thallium	ND	1.0	NA	1	B1L0948	12/29/2011	12/30/11 22:27	
Vanadium	**35**	1.0	NA	1	B1L0948	12/29/2011	12/30/11 22:27	
Zinc	**46**	1.0	NA	1	B1L0948	12/29/2011	12/30/11 22:27	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B1L0968	12/31/2011	12/31/11 20:16	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G458-2.5
Lab ID: 1100808-96

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0948	12/29/2011	12/30/11 22:28	
Arsenic	**15**	1.0	NA	1	B1L0948	12/29/2011	12/30/11 22:28	
Barium	**230**	1.0	NA	1	B1L0948	12/29/2011	12/30/11 22:28	
Beryllium	ND	1.0	NA	1	B1L0948	12/29/2011	12/30/11 22:28	
Cadmium	ND	1.0	NA	1	B1L0948	12/29/2011	12/30/11 22:28	
Chromium	**22**	1.0	NA	1	B1L0948	12/29/2011	12/30/11 22:28	
Cobalt	**9.3**	1.0	NA	1	B1L0948	12/29/2011	12/30/11 22:28	
Copper	**21**	2.0	NA	1	B1L0948	12/29/2011	12/30/11 22:28	
Lead	**11**	1.0	NA	1	B1L0948	12/29/2011	12/30/11 22:28	
Molybdenum	ND	1.0	NA	1	B1L0948	12/29/2011	12/30/11 22:28	
Nickel	**21**	1.0	NA	1	B1L0948	12/29/2011	12/30/11 22:28	
Selenium	ND	1.0	NA	1	B1L0948	12/29/2011	12/30/11 22:28	
Silver	ND	1.0	NA	1	B1L0948	12/29/2011	12/30/11 22:28	
Thallium	ND	1.0	NA	1	B1L0948	12/29/2011	12/30/11 22:28	
Vanadium	**41**	1.0	NA	1	B1L0948	12/29/2011	12/30/11 22:28	
Zinc	**51**	1.0	NA	1	B1L0948	12/29/2011	12/30/11 22:28	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B1L0968	12/31/2011	12/31/11 20:18	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G459-0
Lab ID: 1100808-97

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0948	12/29/2011	12/30/11 22:30	
Arsenic	**3.7**	1.0	NA	1	B1L0948	12/29/2011	12/30/11 22:30	
Barium	**93**	1.0	NA	1	B1L0948	12/29/2011	12/30/11 22:30	
Beryllium	ND	1.0	NA	1	B1L0948	12/29/2011	12/30/11 22:30	
Cadmium	ND	1.0	NA	1	B1L0948	12/29/2011	12/30/11 22:30	
Chromium	**42**	1.0	NA	1	B1L0948	12/29/2011	12/30/11 22:30	
Cobalt	**7.2**	1.0	NA	1	B1L0948	12/29/2011	12/30/11 22:30	
Copper	**25**	2.0	NA	1	B1L0948	12/29/2011	12/30/11 22:30	
Lead	**25**	1.0	NA	1	B1L0948	12/29/2011	12/30/11 22:30	
Molybdenum	ND	1.0	NA	1	B1L0948	12/29/2011	12/30/11 22:30	
Nickel	**51**	1.0	NA	1	B1L0948	12/29/2011	12/30/11 22:30	
Selenium	ND	1.0	NA	1	B1L0948	12/29/2011	12/30/11 22:30	
Silver	ND	1.0	NA	1	B1L0948	12/29/2011	12/30/11 22:30	
Thallium	ND	1.0	NA	1	B1L0948	12/29/2011	12/30/11 22:30	
Vanadium	**28**	1.0	NA	1	B1L0948	12/29/2011	12/30/11 22:30	
Zinc	**120**	1.0	NA	1	B1L0948	12/29/2011	12/30/11 22:30	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B1L0968	12/31/2011	12/31/11 20:24	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G459-.5
Lab ID: 1100808-98

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0948	12/29/2011	12/30/11 22:32	
Arsenic	**6.5**	1.0	NA	1	B1L0948	12/29/2011	12/30/11 22:32	
Barium	**190**	1.0	NA	1	B1L0948	12/29/2011	12/30/11 22:32	
Beryllium	ND	1.0	NA	1	B1L0948	12/29/2011	12/30/11 22:32	
Cadmium	ND	1.0	NA	1	B1L0948	12/29/2011	12/30/11 22:32	
Chromium	**24**	1.0	NA	1	B1L0948	12/29/2011	12/30/11 22:32	
Cobalt	**8.6**	1.0	NA	1	B1L0948	12/29/2011	12/30/11 22:32	
Copper	**23**	2.0	NA	1	B1L0948	12/29/2011	12/30/11 22:32	
Lead	**11**	1.0	NA	1	B1L0948	12/29/2011	12/30/11 22:32	
Molybdenum	ND	1.0	NA	1	B1L0948	12/29/2011	12/30/11 22:32	
Nickel	**26**	1.0	NA	1	B1L0948	12/29/2011	12/30/11 22:32	
Selenium	ND	1.0	NA	1	B1L0948	12/29/2011	12/30/11 22:32	
Silver	ND	1.0	NA	1	B1L0948	12/29/2011	12/30/11 22:32	
Thallium	ND	1.0	NA	1	B1L0948	12/29/2011	12/30/11 22:32	
Vanadium	**40**	1.0	NA	1	B1L0948	12/29/2011	12/30/11 22:32	
Zinc	**59**	1.0	NA	1	B1L0948	12/29/2011	12/30/11 22:32	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B1L0968	12/31/2011	12/31/11 20:26	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G459-1.5
Lab ID: 1100808-99

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0948	12/29/2011	12/30/11 22:33	
Arsenic	**14**	1.0	NA	1	B1L0948	12/29/2011	12/30/11 22:33	
Barium	**190**	1.0	NA	1	B1L0948	12/29/2011	12/30/11 22:33	
Beryllium	ND	1.0	NA	1	B1L0948	12/29/2011	12/30/11 22:33	
Cadmium	ND	1.0	NA	1	B1L0948	12/29/2011	12/30/11 22:33	
Chromium	**23**	1.0	NA	1	B1L0948	12/29/2011	12/30/11 22:33	
Cobalt	**8.1**	1.0	NA	1	B1L0948	12/29/2011	12/30/11 22:33	
Copper	**21**	2.0	NA	1	B1L0948	12/29/2011	12/30/11 22:33	
Lead	**17**	1.0	NA	1	B1L0948	12/29/2011	12/30/11 22:33	
Molybdenum	ND	1.0	NA	1	B1L0948	12/29/2011	12/30/11 22:33	
Nickel	**20**	1.0	NA	1	B1L0948	12/29/2011	12/30/11 22:33	
Selenium	ND	1.0	NA	1	B1L0948	12/29/2011	12/30/11 22:33	
Silver	ND	1.0	NA	1	B1L0948	12/29/2011	12/30/11 22:33	
Thallium	ND	1.0	NA	1	B1L0948	12/29/2011	12/30/11 22:33	
Vanadium	**43**	1.0	NA	1	B1L0948	12/29/2011	12/30/11 22:33	
Zinc	**52**	1.0	NA	1	B1L0948	12/29/2011	12/30/11 22:33	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B1L0968	12/31/2011	12/31/11 20:28	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G459-2.5
Lab ID: 1100808-AA

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0948	12/29/2011	12/30/11 22:35	
Arsenic	**4.6**	1.0	NA	1	B1L0948	12/29/2011	12/30/11 22:35	
Barium	**180**	1.0	NA	1	B1L0948	12/29/2011	12/30/11 22:35	
Beryllium	ND	1.0	NA	1	B1L0948	12/29/2011	12/30/11 22:35	
Cadmium	ND	1.0	NA	1	B1L0948	12/29/2011	12/30/11 22:35	
Chromium	**20**	1.0	NA	1	B1L0948	12/29/2011	12/30/11 22:35	
Cobalt	**9.4**	1.0	NA	1	B1L0948	12/29/2011	12/30/11 22:35	
Copper	**19**	2.0	NA	1	B1L0948	12/29/2011	12/30/11 22:35	
Lead	**6.9**	1.0	NA	1	B1L0948	12/29/2011	12/30/11 22:35	
Molybdenum	ND	1.0	NA	1	B1L0948	12/29/2011	12/30/11 22:35	
Nickel	**18**	1.0	NA	1	B1L0948	12/29/2011	12/30/11 22:35	
Selenium	ND	1.0	NA	1	B1L0948	12/29/2011	12/30/11 22:35	
Silver	ND	1.0	NA	1	B1L0948	12/29/2011	12/30/11 22:35	
Thallium	ND	1.0	NA	1	B1L0948	12/29/2011	12/30/11 22:35	
Vanadium	**40**	1.0	NA	1	B1L0948	12/29/2011	12/30/11 22:35	
Zinc	**39**	1.0	NA	1	B1L0948	12/29/2011	12/30/11 22:35	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B1L0968	12/31/2011	12/31/11 20:03	

pH by EPA 9045C

Analyst: LA

Analyte	Result (pH Units)	PQL (pH Units)	MDL (pH Units)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
pH	**7.2**	0.10	NA	1	B2A0066	01/03/2012	01/03/12 13:57	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G460-0
Lab ID: 1100808-AB

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0949	12/29/2011	12/30/11 22:49	
Arsenic	**9.8**	1.0	NA	1	B1L0949	12/29/2011	12/30/11 22:49	
Barium	**160**	1.0	NA	1	B1L0949	12/29/2011	12/30/11 22:49	
Beryllium	ND	1.0	NA	1	B1L0949	12/29/2011	12/30/11 22:49	
Cadmium	ND	1.0	NA	1	B1L0949	12/29/2011	12/30/11 22:49	
Chromium	**23**	1.0	NA	1	B1L0949	12/29/2011	12/30/11 22:49	
Cobalt	**9.4**	1.0	NA	1	B1L0949	12/29/2011	12/30/11 22:49	
Copper	**21**	2.0	NA	1	B1L0949	12/29/2011	12/30/11 22:49	
Lead	**54**	1.0	NA	1	B1L0949	12/29/2011	12/30/11 22:49	
Molybdenum	ND	1.0	NA	1	B1L0949	12/29/2011	12/30/11 22:49	
Nickel	**23**	1.0	NA	1	B1L0949	12/29/2011	12/30/11 22:49	
Selenium	ND	1.0	NA	1	B1L0949	12/29/2011	12/30/11 22:49	
Silver	ND	1.0	NA	1	B1L0949	12/29/2011	12/30/11 22:49	
Thallium	ND	1.0	NA	1	B1L0949	12/29/2011	12/30/11 22:49	
Vanadium	**39**	1.0	NA	1	B1L0949	12/29/2011	12/30/11 22:49	
Zinc	**61**	1.0	NA	1	B1L0949	12/29/2011	12/30/11 22:49	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B1L0969	12/31/2011	12/31/11 17:30	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G460-.5
Lab ID: 1100808-AC

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0949	12/29/2011	12/30/11 22:51	
Arsenic	**13**	1.0	NA	1	B1L0949	12/29/2011	12/30/11 22:51	
Barium	**160**	1.0	NA	1	B1L0949	12/29/2011	12/30/11 22:51	
Beryllium	ND	1.0	NA	1	B1L0949	12/29/2011	12/30/11 22:51	
Cadmium	ND	1.0	NA	1	B1L0949	12/29/2011	12/30/11 22:51	
Chromium	**22**	1.0	NA	1	B1L0949	12/29/2011	12/30/11 22:51	
Cobalt	**9.7**	1.0	NA	1	B1L0949	12/29/2011	12/30/11 22:51	
Copper	**20**	2.0	NA	1	B1L0949	12/29/2011	12/30/11 22:51	
Lead	**13**	1.0	NA	1	B1L0949	12/29/2011	12/30/11 22:51	
Molybdenum	ND	1.0	NA	1	B1L0949	12/29/2011	12/30/11 22:51	
Nickel	**21**	1.0	NA	1	B1L0949	12/29/2011	12/30/11 22:51	
Selenium	ND	1.0	NA	1	B1L0949	12/29/2011	12/30/11 22:51	
Silver	ND	1.0	NA	1	B1L0949	12/29/2011	12/30/11 22:51	
Thallium	ND	1.0	NA	1	B1L0949	12/29/2011	12/30/11 22:51	
Vanadium	**41**	1.0	NA	1	B1L0949	12/29/2011	12/30/11 22:51	
Zinc	**51**	1.0	NA	1	B1L0949	12/29/2011	12/30/11 22:51	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B1L0969	12/31/2011	12/31/11 17:32	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G460-1.5
Lab ID: 1100808-AD

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0949	12/29/2011	12/30/11 22:52	
Arsenic	**8.6**	1.0	NA	1	B1L0949	12/29/2011	12/30/11 22:52	
Barium	**170**	1.0	NA	1	B1L0949	12/29/2011	12/30/11 22:52	
Beryllium	ND	1.0	NA	1	B1L0949	12/29/2011	12/30/11 22:52	
Cadmium	ND	1.0	NA	1	B1L0949	12/29/2011	12/30/11 22:52	
Chromium	**24**	1.0	NA	1	B1L0949	12/29/2011	12/30/11 22:52	
Cobalt	**8.7**	1.0	NA	1	B1L0949	12/29/2011	12/30/11 22:52	
Copper	**23**	2.0	NA	1	B1L0949	12/29/2011	12/30/11 22:52	
Lead	**13**	1.0	NA	1	B1L0949	12/29/2011	12/30/11 22:52	
Molybdenum	ND	1.0	NA	1	B1L0949	12/29/2011	12/30/11 22:52	
Nickel	**22**	1.0	NA	1	B1L0949	12/29/2011	12/30/11 22:52	
Selenium	ND	1.0	NA	1	B1L0949	12/29/2011	12/30/11 22:52	
Silver	ND	1.0	NA	1	B1L0949	12/29/2011	12/30/11 22:52	
Thallium	ND	1.0	NA	1	B1L0949	12/29/2011	12/30/11 22:52	
Vanadium	**43**	1.0	NA	1	B1L0949	12/29/2011	12/30/11 22:52	
Zinc	**54**	1.0	NA	1	B1L0949	12/29/2011	12/30/11 22:52	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B1L0969	12/31/2011	12/31/11 17:34	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G460-2.5
Lab ID: 1100808-AE

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0949	12/29/2011	12/30/11 22:54	
Arsenic	**2.7**	1.0	NA	1	B1L0949	12/29/2011	12/30/11 22:54	
Barium	**150**	1.0	NA	1	B1L0949	12/29/2011	12/30/11 22:54	
Beryllium	ND	1.0	NA	1	B1L0949	12/29/2011	12/30/11 22:54	
Cadmium	ND	1.0	NA	1	B1L0949	12/29/2011	12/30/11 22:54	
Chromium	**17**	1.0	NA	1	B1L0949	12/29/2011	12/30/11 22:54	
Cobalt	**7.0**	1.0	NA	1	B1L0949	12/29/2011	12/30/11 22:54	
Copper	**15**	2.0	NA	1	B1L0949	12/29/2011	12/30/11 22:54	
Lead	**5.8**	1.0	NA	1	B1L0949	12/29/2011	12/30/11 22:54	
Molybdenum	ND	1.0	NA	1	B1L0949	12/29/2011	12/30/11 22:54	
Nickel	**14**	1.0	NA	1	B1L0949	12/29/2011	12/30/11 22:54	
Selenium	ND	1.0	NA	1	B1L0949	12/29/2011	12/30/11 22:54	
Silver	ND	1.0	NA	1	B1L0949	12/29/2011	12/30/11 22:54	
Thallium	ND	1.0	NA	1	B1L0949	12/29/2011	12/30/11 22:54	
Vanadium	**33**	1.0	NA	1	B1L0949	12/29/2011	12/30/11 22:54	
Zinc	**29**	1.0	NA	1	B1L0949	12/29/2011	12/30/11 22:54	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B1L0969	12/31/2011	12/31/11 17:36	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G461-0
Lab ID: 1100808-AF

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0949	12/29/2011	12/30/11 22:56	
Arsenic	**8.5**	1.0	NA	1	B1L0949	12/29/2011	12/30/11 22:56	
Barium	**140**	1.0	NA	1	B1L0949	12/29/2011	12/30/11 22:56	
Beryllium	ND	1.0	NA	1	B1L0949	12/29/2011	12/30/11 22:56	
Cadmium	ND	1.0	NA	1	B1L0949	12/29/2011	12/30/11 22:56	
Chromium	**26**	1.0	NA	1	B1L0949	12/29/2011	12/30/11 22:56	
Cobalt	**9.1**	1.0	NA	1	B1L0949	12/29/2011	12/30/11 22:56	
Copper	**19**	2.0	NA	1	B1L0949	12/29/2011	12/30/11 22:56	
Lead	**52**	1.0	NA	1	B1L0949	12/29/2011	12/30/11 22:56	
Molybdenum	ND	1.0	NA	1	B1L0949	12/29/2011	12/30/11 22:56	
Nickel	**34**	1.0	NA	1	B1L0949	12/29/2011	12/30/11 22:56	
Selenium	ND	1.0	NA	1	B1L0949	12/29/2011	12/30/11 22:56	
Silver	ND	1.0	NA	1	B1L0949	12/29/2011	12/30/11 22:56	
Thallium	ND	1.0	NA	1	B1L0949	12/29/2011	12/30/11 22:56	
Vanadium	**37**	1.0	NA	1	B1L0949	12/29/2011	12/30/11 22:56	
Zinc	**57**	1.0	NA	1	B1L0949	12/29/2011	12/30/11 22:56	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B1L0969	12/31/2011	12/31/11 17:42	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G461-.5
Lab ID: 1100808-AG

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0949	12/29/2011	12/30/11 22:57	
Arsenic	**12**	1.0	NA	1	B1L0949	12/29/2011	12/30/11 22:57	
Barium	**170**	1.0	NA	1	B1L0949	12/29/2011	12/30/11 22:57	
Beryllium	ND	1.0	NA	1	B1L0949	12/29/2011	12/30/11 22:57	
Cadmium	ND	1.0	NA	1	B1L0949	12/29/2011	12/30/11 22:57	
Chromium	**24**	1.0	NA	1	B1L0949	12/29/2011	12/30/11 22:57	
Cobalt	**9.3**	1.0	NA	1	B1L0949	12/29/2011	12/30/11 22:57	
Copper	**23**	2.0	NA	1	B1L0949	12/29/2011	12/30/11 22:57	
Lead	**13**	1.0	NA	1	B1L0949	12/29/2011	12/30/11 22:57	
Molybdenum	ND	1.0	NA	1	B1L0949	12/29/2011	12/30/11 22:57	
Nickel	**22**	1.0	NA	1	B1L0949	12/29/2011	12/30/11 22:57	
Selenium	ND	1.0	NA	1	B1L0949	12/29/2011	12/30/11 22:57	
Silver	ND	1.0	NA	1	B1L0949	12/29/2011	12/30/11 22:57	
Thallium	ND	1.0	NA	1	B1L0949	12/29/2011	12/30/11 22:57	
Vanadium	**44**	1.0	NA	1	B1L0949	12/29/2011	12/30/11 22:57	
Zinc	**55**	1.0	NA	1	B1L0949	12/29/2011	12/30/11 22:57	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B1L0969	12/31/2011	12/31/11 17:44	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G461-1.5
Lab ID: 1100808-AH

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0949	12/29/2011	12/30/11 22:59	
Arsenic	**6.3**	1.0	NA	1	B1L0949	12/29/2011	12/30/11 22:59	
Barium	**200**	1.0	NA	1	B1L0949	12/29/2011	12/30/11 22:59	
Beryllium	ND	1.0	NA	1	B1L0949	12/29/2011	12/30/11 22:59	
Cadmium	ND	1.0	NA	1	B1L0949	12/29/2011	12/30/11 22:59	
Chromium	**29**	1.0	NA	1	B1L0949	12/29/2011	12/30/11 22:59	
Cobalt	**8.9**	1.0	NA	1	B1L0949	12/29/2011	12/30/11 22:59	
Copper	**21**	2.0	NA	1	B1L0949	12/29/2011	12/30/11 22:59	
Lead	**8.3**	1.0	NA	1	B1L0949	12/29/2011	12/30/11 22:59	
Molybdenum	ND	1.0	NA	1	B1L0949	12/29/2011	12/30/11 22:59	
Nickel	**22**	1.0	NA	1	B1L0949	12/29/2011	12/30/11 22:59	
Selenium	ND	1.0	NA	1	B1L0949	12/29/2011	12/30/11 22:59	
Silver	ND	1.0	NA	1	B1L0949	12/29/2011	12/30/11 22:59	
Thallium	ND	1.0	NA	1	B1L0949	12/29/2011	12/30/11 22:59	
Vanadium	**51**	1.0	NA	1	B1L0949	12/29/2011	12/30/11 22:59	
Zinc	**47**	1.0	NA	1	B1L0949	12/29/2011	12/30/11 22:59	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B1L0969	12/31/2011	12/31/11 17:46	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G461-2.5
Lab ID: 1100808-AI

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0949	12/29/2011	12/30/11 23:00	
Arsenic	**3.6**	1.0	NA	1	B1L0949	12/29/2011	12/30/11 23:00	
Barium	**140**	1.0	NA	1	B1L0949	12/29/2011	12/30/11 23:00	
Beryllium	ND	1.0	NA	1	B1L0949	12/29/2011	12/30/11 23:00	
Cadmium	ND	1.0	NA	1	B1L0949	12/29/2011	12/30/11 23:00	
Chromium	**18**	1.0	NA	1	B1L0949	12/29/2011	12/30/11 23:00	
Cobalt	**9.9**	1.0	NA	1	B1L0949	12/29/2011	12/30/11 23:00	
Copper	**16**	2.0	NA	1	B1L0949	12/29/2011	12/30/11 23:00	
Lead	**6.3**	1.0	NA	1	B1L0949	12/29/2011	12/30/11 23:00	
Molybdenum	ND	1.0	NA	1	B1L0949	12/29/2011	12/30/11 23:00	
Nickel	**17**	1.0	NA	1	B1L0949	12/29/2011	12/30/11 23:00	
Selenium	ND	1.0	NA	1	B1L0949	12/29/2011	12/30/11 23:00	
Silver	ND	1.0	NA	1	B1L0949	12/29/2011	12/30/11 23:00	
Thallium	ND	1.0	NA	1	B1L0949	12/29/2011	12/30/11 23:00	
Vanadium	**38**	1.0	NA	1	B1L0949	12/29/2011	12/30/11 23:00	
Zinc	**31**	1.0	NA	1	B1L0949	12/29/2011	12/30/11 23:00	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B1L0969	12/31/2011	12/31/11 17:48	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G462-0
Lab ID: 1100808-AJ

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0949	12/29/2011	12/30/11 23:06	
Arsenic	**3.5**	1.0	NA	1	B1L0949	12/29/2011	12/30/11 23:06	
Barium	**110**	1.0	NA	1	B1L0949	12/29/2011	12/30/11 23:06	
Beryllium	ND	1.0	NA	1	B1L0949	12/29/2011	12/30/11 23:06	
Cadmium	ND	1.0	NA	1	B1L0949	12/29/2011	12/30/11 23:06	
Chromium	**35**	1.0	NA	1	B1L0949	12/29/2011	12/30/11 23:06	
Cobalt	**6.7**	1.0	NA	1	B1L0949	12/29/2011	12/30/11 23:06	
Copper	**19**	2.0	NA	1	B1L0949	12/29/2011	12/30/11 23:06	
Lead	**44**	1.0	NA	1	B1L0949	12/29/2011	12/30/11 23:06	
Molybdenum	ND	1.0	NA	1	B1L0949	12/29/2011	12/30/11 23:06	
Nickel	**46**	1.0	NA	1	B1L0949	12/29/2011	12/30/11 23:06	
Selenium	ND	1.0	NA	1	B1L0949	12/29/2011	12/30/11 23:06	
Silver	ND	1.0	NA	1	B1L0949	12/29/2011	12/30/11 23:06	
Thallium	ND	1.0	NA	1	B1L0949	12/29/2011	12/30/11 23:06	
Vanadium	**30**	1.0	NA	1	B1L0949	12/29/2011	12/30/11 23:06	
Zinc	**110**	1.0	NA	1	B1L0949	12/29/2011	12/30/11 23:06	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B1L0969	12/31/2011	12/31/11 17:50	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G462-.5
Lab ID: 1100808-AK

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0949	12/29/2011	12/30/11 23:08	
Arsenic	**4.5**	1.0	NA	1	B1L0949	12/29/2011	12/30/11 23:08	
Barium	**140**	1.0	NA	1	B1L0949	12/29/2011	12/30/11 23:08	
Beryllium	ND	1.0	NA	1	B1L0949	12/29/2011	12/30/11 23:08	
Cadmium	ND	1.0	NA	1	B1L0949	12/29/2011	12/30/11 23:08	
Chromium	**20**	1.0	NA	1	B1L0949	12/29/2011	12/30/11 23:08	
Cobalt	**6.9**	1.0	NA	1	B1L0949	12/29/2011	12/30/11 23:08	
Copper	**18**	2.0	NA	1	B1L0949	12/29/2011	12/30/11 23:08	
Lead	**38**	1.0	NA	1	B1L0949	12/29/2011	12/30/11 23:08	
Molybdenum	ND	1.0	NA	1	B1L0949	12/29/2011	12/30/11 23:08	
Nickel	**16**	1.0	NA	1	B1L0949	12/29/2011	12/30/11 23:08	
Selenium	ND	1.0	NA	1	B1L0949	12/29/2011	12/30/11 23:08	
Silver	ND	1.0	NA	1	B1L0949	12/29/2011	12/30/11 23:08	
Thallium	ND	1.0	NA	1	B1L0949	12/29/2011	12/30/11 23:08	
Vanadium	**37**	1.0	NA	1	B1L0949	12/29/2011	12/30/11 23:08	
Zinc	**41**	1.0	NA	1	B1L0949	12/29/2011	12/30/11 23:08	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B1L0969	12/31/2011	12/31/11 17:26	

pH by EPA 9045C

Analyst: LA

Analyte	Result (pH Units)	PQL (pH Units)	MDL (pH Units)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
pH	**7.2**	0.10	NA	1	B2A0066	01/03/2012	01/03/12 13:57	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G462-1.5
Lab ID: 1100808-AL

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0950	12/29/2011	12/30/11 23:18	
Arsenic	**2.5**	1.0	NA	1	B1L0950	12/29/2011	12/30/11 23:18	
Barium	**250**	1.0	NA	1	B1L0950	12/29/2011	12/30/11 23:18	
Beryllium	ND	1.0	NA	1	B1L0950	12/29/2011	12/30/11 23:18	
Cadmium	ND	1.0	NA	1	B1L0950	12/29/2011	12/30/11 23:18	
Chromium	**16**	1.0	NA	1	B1L0950	12/29/2011	12/30/11 23:18	
Cobalt	**10**	1.0	NA	1	B1L0950	12/29/2011	12/30/11 23:18	
Copper	**16**	2.0	NA	1	B1L0950	12/29/2011	12/30/11 23:18	
Lead	**13**	1.0	NA	1	B1L0950	12/29/2011	12/30/11 23:18	
Molybdenum	ND	1.0	NA	1	B1L0950	12/29/2011	12/30/11 23:18	
Nickel	**18**	1.0	NA	1	B1L0950	12/29/2011	12/30/11 23:18	
Selenium	ND	1.0	NA	1	B1L0950	12/29/2011	12/30/11 23:18	
Silver	ND	1.0	NA	1	B1L0950	12/29/2011	12/30/11 23:18	
Thallium	ND	1.0	NA	1	B1L0950	12/29/2011	12/30/11 23:18	
Vanadium	**30**	1.0	NA	1	B1L0950	12/29/2011	12/30/11 23:18	
Zinc	**29**	1.0	NA	1	B1L0950	12/29/2011	12/30/11 23:18	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B1L0970	12/31/2011	12/31/11 18:10	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G462-2.5
Lab ID: 1100808-AM

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0950	12/29/2011	12/30/11 23:20	
Arsenic	**3.6**	1.0	NA	1	B1L0950	12/29/2011	12/30/11 23:20	
Barium	**130**	1.0	NA	1	B1L0950	12/29/2011	12/30/11 23:20	
Beryllium	ND	1.0	NA	1	B1L0950	12/29/2011	12/30/11 23:20	
Cadmium	ND	1.0	NA	1	B1L0950	12/29/2011	12/30/11 23:20	
Chromium	**16**	1.0	NA	1	B1L0950	12/29/2011	12/30/11 23:20	
Cobalt	**9.5**	1.0	NA	1	B1L0950	12/29/2011	12/30/11 23:20	
Copper	**14**	2.0	NA	1	B1L0950	12/29/2011	12/30/11 23:20	
Lead	**47**	1.0	NA	1	B1L0950	12/29/2011	12/30/11 23:20	
Molybdenum	ND	1.0	NA	1	B1L0950	12/29/2011	12/30/11 23:20	
Nickel	**15**	1.0	NA	1	B1L0950	12/29/2011	12/30/11 23:20	
Selenium	ND	1.0	NA	1	B1L0950	12/29/2011	12/30/11 23:20	
Silver	ND	1.0	NA	1	B1L0950	12/29/2011	12/30/11 23:20	
Thallium	ND	1.0	NA	1	B1L0950	12/29/2011	12/30/11 23:20	
Vanadium	**34**	1.0	NA	1	B1L0950	12/29/2011	12/30/11 23:20	
Zinc	**30**	1.0	NA	1	B1L0950	12/29/2011	12/30/11 23:20	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B1L0970	12/31/2011	12/31/11 18:12	

Geocon Consultants, Inc.	Project Number :	TO-16, E8560-06-16
6671 Brisa Street	Report To :	Luann Beadle
Livermore , CA 94550	Reported :	01/04/2012

QUALITY CONTROL SECTION

Total Metals by ICP-AES EPA 6010B - Quality Control

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0939 - EPA 3050B									
Blank (B1L0939-BLK1)				Prepared: 12/29/2011 Analyzed: 12/30/2011					
Antimony	ND	2.0			NR				
Arsenic	ND	1.0			NR				
Barium	ND	1.0			NR				
Beryllium	ND	1.0			NR				
Cadmium	ND	1.0			NR				
Chromium	ND	1.0			NR				
Cobalt	ND	1.0			NR				
Copper	ND	2.0			NR				
Lead	ND	1.0			NR				
Molybdenum	ND	1.0			NR				
Nickel	ND	1.0			NR				
Selenium	ND	1.0			NR				
Silver	ND	1.0			NR				
Thallium	ND	1.0			NR				
Vanadium	ND	1.0			NR				
Zinc	ND	1.0			NR				
LCS (B1L0939-BS1)				Prepared: 12/29/2011 Analyzed: 12/30/2011					
Antimony	44	2.0	50.0		87.6	80 - 120			
Arsenic	44	1.0	50.0		88.3	80 - 120			
Barium	48	1.0	50.0		95.1	80 - 120			
Beryllium	47	1.0	50.0		93.2	80 - 120			
Cadmium	45	1.0	50.0		89.8	80 - 120			
Chromium	46	1.0	50.0		91.7	80 - 120			
Cobalt	45	1.0	50.0		90.5	80 - 120			
Copper	47	2.0	50.0		94.3	80 - 120			
Lead	46	1.0	50.0		92.8	80 - 120			
Molybdenum	48	1.0	50.0		96.0	80 - 120			
Nickel	44	1.0	50.0		89.0	80 - 120			
Selenium	43	1.0	50.0		85.7	80 - 120			
Silver	46	1.0	50.0		92.9	80 - 120			
Thallium	47	1.0	50.0		94.4	80 - 120			
Vanadium	47	1.0	50.0		94.8	80 - 120			
Zinc	45	1.0	50.0		90.0	80 - 120			
Duplicate (B1L0939-DUP1)		**Source: 1100808-10**		Prepared: 12/29/2011 Analyzed: 12/30/2011					
Antimony	ND	2.0		ND	NR			20	
Arsenic	6.4	1.0		5.4	NR		16.3	20	
Barium	160	1.0		140	NR		13.4	20	
Beryllium	0.18	1.0		0.21	NR		13.1	20	

Geocon Consultants, Inc.	Project Number : TO-16, E8560-06-16
6671 Brisa Street	Report To : Luann Beadle
Livermore , CA 94550	Reported : 01/04/2012

Total Metals by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0939 - EPA 3050B (continued)									
Duplicate (B1L0939-DUP1) - Continued		**Source: 1100808-10**		Prepared: 12/29/2011 Analyzed: 12/30/2011					
Cadmium	ND	1.0		ND	NR			20	
Chromium	23	1.0		20	NR		15.1	20	
Cobalt	16	1.0		13	NR		24.8	20	R
Copper	23	2.0		19	NR		20.1	20	R
Lead	8.0	1.0		6.8	NR		15.2	20	
Molybdenum	ND	1.0		ND	NR			20	
Nickel	27	1.0		21	NR		22.2	20	R
Selenium	ND	1.0		ND	NR			20	
Silver	0.20	1.0		0.12	NR		50.9	20	R
Thallium	ND	1.0		ND	NR			20	
Vanadium	42	1.0		38	NR		12.0	20	
Zinc	52	1.0		43	NR		19.6	20	
Matrix Spike (B1L0939-MS1)		**Source: 1100808-10**		Prepared: 12/29/2011 Analyzed: 12/30/2011					
Antimony	71	2.0	125	ND	56.5	44 - 105			
Arsenic	96	1.0	125	5.4	72.2	57 - 103			
Barium	240	1.0	125	140	78.9	36 - 134			
Beryllium	95	1.0	125	0.21	76.0	64 - 106			
Cadmium	88	1.0	125	ND	70.7	58 - 102			
Chromium	110	1.0	125	20	75.4	55 - 105			
Cobalt	100	1.0	125	13	72.8	59 - 105			
Copper	120	2.0	125	19	78.7	64 - 117			
Lead	99	1.0	125	6.8	73.9	46 - 116			
Molybdenum	91	1.0	125	ND	72.9	59 - 108			
Nickel	110	1.0	125	21	72.4	52 - 109			
Selenium	88	1.0	125	ND	70.3	56 - 100			
Silver	97	1.0	125	0.12	77.2	65 - 107			
Thallium	91	1.0	125	ND	72.8	47 - 100			
Vanadium	130	1.0	125	38	76.3	64 - 110			
Zinc	130	1.0	125	43	73.4	37 - 123			
Matrix Spike Dup (B1L0939-MSD1)		**Source: 1100808-10**		Prepared: 12/29/2011 Analyzed: 12/30/2011					
Antimony	70	2.0	125	ND	56.3	44 - 105	0.385	20	
Arsenic	93	1.0	125	5.4	69.7	57 - 103	3.30	20	
Barium	230	1.0	125	140	73.0	36 - 134	3.10	20	
Beryllium	94	1.0	125	0.21	75.4	64 - 106	0.859	20	
Cadmium	87	1.0	125	ND	69.3	58 - 102	1.93	20	
Chromium	110	1.0	125	20	73.9	55 - 105	1.65	20	
Cobalt	100	1.0	125	13	70.8	59 - 105	2.50	20	
Copper	110	2.0	125	19	76.9	64 - 117	1.99	20	
Lead	98	1.0	125	6.8	73.2	46 - 116	0.796	20	
Molybdenum	90	1.0	125	ND	72.1	59 - 108	1.09	20	

Geocon Consultants, Inc.	Project Number : TO-16, E8560-06-16
6671 Brisa Street	Report To : Luann Beadle
Livermore , CA 94550	Reported : 01/04/2012

Total Metals by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0939 - EPA 3050B (continued)									
Matrix Spike Dup (B1L0939-MSD1) - Continued		**Source: 1100808-10**		Prepared: 12/29/2011 Analyzed: 12/30/2011					
Nickel	110	1.0	125	21	70.1	52 - 109	2.70	20	
Selenium	86	1.0	125	ND	68.6	56 - 100	2.47	20	
Silver	96	1.0	125	0.12	76.7	65 - 107	0.737	20	
Thallium	90	1.0	125	ND	71.9	47 - 100	1.21	20	
Vanadium	130	1.0	125	38	74.1	64 - 110	2.10	20	
Zinc	130	1.0	125	43	67.5	37 - 123	5.65	20	
Batch B1L0940 - EPA 3050B									
Blank (B1L0940-BLK1)				Prepared: 12/29/2011 Analyzed: 12/30/2011					
Antimony	ND	2.0			NR				
Arsenic	ND	1.0			NR				
Barium	ND	1.0			NR				
Beryllium	ND	1.0			NR				
Cadmium	ND	1.0			NR				
Chromium	ND	1.0			NR				
Cobalt	ND	1.0			NR				
Copper	ND	2.0			NR				
Lead	ND	1.0			NR				
Molybdenum	ND	1.0			NR				
Nickel	ND	1.0			NR				
Selenium	ND	1.0			NR				
Silver	ND	1.0			NR				
Thallium	ND	1.0			NR				
Vanadium	ND	1.0			NR				
Zinc	ND	1.0			NR				
LCS (B1L0940-BS1)				Prepared: 12/29/2011 Analyzed: 12/30/2011					
Antimony	46	2.0	50.0		93.0	80 - 120			
Arsenic	46	1.0	50.0		92.0	80 - 120			
Barium	49	1.0	50.0		98.4	80 - 120			
Beryllium	48	1.0	50.0		96.6	80 - 120			
Cadmium	47	1.0	50.0		93.4	80 - 120			
Chromium	47	1.0	50.0		94.0	80 - 120			
Cobalt	46	1.0	50.0		92.9	80 - 120			
Copper	49	2.0	50.0		97.3	80 - 120			
Lead	49	1.0	50.0		97.2	80 - 120			
Molybdenum	50	1.0	50.0		100	80 - 120			
Nickel	46	1.0	50.0		91.8	80 - 120			
Selenium	45	1.0	50.0		89.9	80 - 120			
Silver	48	1.0	50.0		95.2	80 - 120			

Geocon Consultants, Inc.	Project Number : TO-16, E8560-06-16
6671 Brisa Street	Report To : Luann Beadle
Livermore , CA 94550	Reported : 01/04/2012

Total Metals by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0940 - EPA 3050B (continued)									
LCS (B1L0940-BS1) - Continued				Prepared: 12/29/2011 Analyzed: 12/30/2011					
Thallium	49	1.0	50.0		98.1	80 - 120			
Vanadium	49	1.0	50.0		97.4	80 - 120			
Zinc	47	1.0	50.0		93.5	80 - 120			
Duplicate (B1L0940-DUP1)		**Source: 1100808-20**		Prepared: 12/29/2011 Analyzed: 12/31/2011					
Antimony	ND	2.0		ND	NR			20	
Arsenic	3.0	1.0		3.3	NR		8.83	20	
Barium	100	1.0		100	NR		0.346	20	
Beryllium	0.24	1.0		0.24	NR		2.64	20	
Cadmium	ND	1.0		ND	NR			20	
Chromium	17	1.0		17	NR		1.81	20	
Cobalt	6.2	1.0		7.7	NR		20.7	20	R
Copper	15	2.0		14	NR		5.10	20	
Lead	4.8	1.0		5.2	NR		8.62	20	
Molybdenum	ND	1.0		ND	NR			20	
Nickel	15	1.0		13	NR		8.12	20	
Selenium	ND	1.0		ND	NR			20	
Silver	0.11	1.0		0.11	NR		4.27	20	
Thallium	ND	1.0		ND	NR			20	
Vanadium	38	1.0		37	NR		4.12	20	
Zinc	32	1.0		31	NR		2.91	20	
Matrix Spike (B1L0940-MS1)		**Source: 1100808-20**		Prepared: 12/29/2011 Analyzed: 12/31/2011					
Antimony	75	2.0	125	ND	59.8	44 - 105			
Arsenic	94	1.0	125	3.3	72.8	57 - 103			
Barium	260	1.0	125	100	130	36 - 134			
Beryllium	97	1.0	125	0.24	77.6	64 - 106			
Cadmium	90	1.0	125	ND	72.4	58 - 102			
Chromium	110	1.0	125	17	76.6	55 - 105			
Cobalt	100	1.0	125	7.7	76.5	59 - 105			
Copper	110	2.0	125	14	80.5	64 - 117			
Lead	100	1.0	125	5.2	76.5	46 - 116			
Molybdenum	93	1.0	125	ND	74.5	59 - 108			
Nickel	110	1.0	125	13	74.7	52 - 109			
Selenium	89	1.0	125	ND	71.5	56 - 100			
Silver	99	1.0	125	0.11	79.1	65 - 107			
Thallium	93	1.0	125	ND	74.8	47 - 100			
Vanadium	130	1.0	125	37	78.5	64 - 110			
Zinc	130	1.0	125	31	75.6	37 - 123			
Matrix Spike Dup (B1L0940-MSD1)		**Source: 1100808-20**		Prepared: 12/29/2011 Analyzed: 12/31/2011					
Antimony	74	2.0	125	ND	59.5	44 - 105	0.370	20	

Geocon Consultants, Inc.	Project Number :	TO-16, E8560-06-16
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Livermore , CA 94550	Reported :	01/04/2012

Total Metals by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0940 - EPA 3050B (continued)									
Matrix Spike Dup (B1L0940-MSD1) - Continued		**Source: 1100808-20**		Prepared: 12/29/2011 Analyzed: 12/31/2011					
Arsenic	96	1.0	125	3.3	74.0	57 - 103	1.57	20	
Barium	570	1.0	125	100	378	36 - 134	74.0	20	M1, R
Beryllium	100	1.0	125	0.24	79.8	64 - 106	2.69	20	
Cadmium	94	1.0	125	ND	75.1	58 - 102	3.65	20	
Chromium	120	1.0	125	17	78.8	55 - 105	2.43	20	
Cobalt	100	1.0	125	7.7	76.1	59 - 105	0.553	20	
Copper	120	2.0	125	14	82.7	64 - 117	2.34	20	
Lead	100	1.0	125	5.2	77.8	46 - 116	1.58	20	
Molybdenum	96	1.0	125	ND	76.6	59 - 108	2.67	20	
Nickel	110	1.0	125	13	77.0	52 - 109	2.70	20	
Selenium	91	1.0	125	ND	73.1	56 - 100	2.23	20	
Silver	100	1.0	125	0.11	82.0	65 - 107	3.63	20	
Thallium	97	1.0	125	ND	77.5	47 - 100	3.51	20	
Vanadium	130	1.0	125	37	78.0	64 - 110	0.496	20	
Zinc	130	1.0	125	31	76.3	37 - 123	0.691	20	
Batch B1L0941 - EPA 3050B									
Blank (B1L0941-BLK1)				Prepared: 12/29/2011 Analyzed: 12/31/2011					
Antimony	ND	2.0			NR				
Arsenic	ND	1.0			NR				
Barium	ND	1.0			NR				
Beryllium	ND	1.0			NR				
Cadmium	ND	1.0			NR				
Chromium	ND	1.0			NR				
Cobalt	ND	1.0			NR				
Copper	ND	2.0			NR				
Lead	ND	1.0			NR				
Molybdenum	ND	1.0			NR				
Nickel	ND	1.0			NR				
Selenium	ND	1.0			NR				
Silver	ND	1.0			NR				
Thallium	ND	1.0			NR				
Vanadium	ND	1.0			NR				
Zinc	ND	1.0			NR				
LCS (B1L0941-BS1)				Prepared: 12/29/2011 Analyzed: 12/31/2011					
Antimony	47	2.0	50.0		94.0	80 - 120			
Arsenic	47	1.0	50.0		93.2	80 - 120			
Barium	50	1.0	50.0		100	80 - 120			
Beryllium	49	1.0	50.0		97.2	80 - 120			

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Total Metals by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0941 - EPA 3050B (continued)									
LCS (B1L0941-BS1) - Continued				Prepared: 12/29/2011 Analyzed: 12/31/2011					
Cadmium	48	1.0	50.0		96.2	80 - 120			
Chromium	48	1.0	50.0		96.9	80 - 120			
Cobalt	47	1.0	50.0		95.0	80 - 120			
Copper	50	2.0	50.0		100	80 - 120			
Lead	49	1.0	50.0		98.5	80 - 120			
Molybdenum	51	1.0	50.0		102	80 - 120			
Nickel	47	1.0	50.0		94.3	80 - 120			
Selenium	46	1.0	50.0		91.1	80 - 120			
Silver	48	1.0	50.0		96.9	80 - 120			
Thallium	50	1.0	50.0		99.2	80 - 120			
Vanadium	50	1.0	50.0		99.9	80 - 120			
Zinc	48	1.0	50.0		96.6	80 - 120			
Duplicate (B1L0941-DUP1)		**Source: 1100808-30**		Prepared: 12/29/2011 Analyzed: 12/31/2011					
Antimony	ND	2.0		ND	NR			20	
Arsenic	3.3	1.0		2.8	NR		17.3	20	
Barium	120	1.0		99	NR		15.0	20	
Beryllium	0.35	1.0		0.28	NR		22.4	20	R
Cadmium	ND	1.0		ND	NR			20	
Chromium	17	1.0		16	NR		7.59	20	
Cobalt	4.3	1.0		3.6	NR		19.5	20	
Copper	15	2.0		13	NR		14.1	20	
Lead	4.9	1.0		4.1	NR		15.8	20	
Molybdenum	ND	1.0		ND	NR			20	
Nickel	12	1.0		10	NR		12.1	20	
Selenium	ND	1.0		ND	NR			20	
Silver	0.13	1.0		0.05	NR		85.1	20	R
Thallium	ND	1.0		ND	NR			20	
Vanadium	34	1.0		31	NR		11.0	20	
Zinc	30	1.0		27	NR		9.00	20	
Matrix Spike (B1L0941-MS1)		**Source: 1100808-30**		Prepared: 12/29/2011 Analyzed: 12/31/2011					
Antimony	76	2.0	125	ND	60.7	44 - 105			
Arsenic	95	1.0	125	2.8	74.1	57 - 103			
Barium	240	1.0	125	99	111	36 - 134			
Beryllium	99	1.0	125	0.28	78.8	64 - 106			
Cadmium	93	1.0	125	ND	74.3	58 - 102			
Chromium	110	1.0	125	16	79.0	55 - 105			
Cobalt	110	1.0	125	3.6	83.0	59 - 105			
Copper	120	2.0	125	13	82.9	64 - 117			
Lead	100	1.0	125	4.1	79.4	46 - 116			
Molybdenum	95	1.0	125	ND	76.0	59 - 108			

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Total Metals by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0941 - EPA 3050B (continued)									
Matrix Spike (B1L0941-MS1) - Continued		**Source: 1100808-30**		Prepared: 12/29/2011 Analyzed: 12/31/2011					
Nickel	110	1.0	125	10	79.6	52 - 109			
Selenium	90	1.0	125	ND	72.1	56 - 100			
Silver	100	1.0	125	0.05	81.1	65 - 107			
Thallium	96	1.0	125	ND	77.1	47 - 100			
Vanadium	130	1.0	125	31	81.3	64 - 110			
Zinc	130	1.0	125	27	78.6	37 - 123			
Matrix Spike Dup (B1L0941-MSD1)		**Source: 1100808-30**		Prepared: 12/29/2011 Analyzed: 12/31/2011					
Antimony	65	2.0	125	ND	52.4	44 - 105	14.8	20	
Arsenic	96	1.0	125	2.8	74.9	57 - 103	1.13	20	
Barium	240	1.0	125	99	109	36 - 134	0.658	20	
Beryllium	98	1.0	125	0.28	78.4	64 - 106	0.551	20	
Cadmium	93	1.0	125	ND	74.0	58 - 102	0.457	20	
Chromium	110	1.0	125	16	79.0	55 - 105	0.0236	20	
Cobalt	100	1.0	125	3.6	80.0	59 - 105	3.63	20	
Copper	120	2.0	125	13	83.4	64 - 117	0.578	20	
Lead	100	1.0	125	4.1	78.6	46 - 116	0.981	20	
Molybdenum	91	1.0	125	ND	72.7	59 - 108	4.41	20	
Nickel	110	1.0	125	10	76.9	52 - 109	3.16	20	
Selenium	89	1.0	125	ND	71.0	56 - 100	1.61	20	
Silver	100	1.0	125	0.05	79.7	65 - 107	1.69	20	
Thallium	95	1.0	125	ND	75.7	47 - 100	1.83	20	
Vanadium	130	1.0	125	31	83.0	64 - 110	1.58	20	
Zinc	130	1.0	125	27	79.8	37 - 123	1.13	20	
Batch B1L0942 - EPA 3050B									
Blank (B1L0942-BLK1)				Prepared: 12/29/2011 Analyzed: 12/30/2011					
Antimony	ND	2.0			NR				
Arsenic	ND	1.0			NR				
Barium	ND	1.0			NR				
Beryllium	ND	1.0			NR				
Cadmium	ND	1.0			NR				
Chromium	ND	1.0			NR				
Cobalt	ND	1.0			NR				
Copper	ND	2.0			NR				
Lead	ND	1.0			NR				
Molybdenum	ND	1.0			NR				
Nickel	ND	1.0			NR				
Selenium	ND	1.0			NR				
Silver	ND	1.0			NR				

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Total Metals by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0942 - EPA 3050B (continued)									
Blank (B1L0942-BLK1) - Continued				Prepared: 12/29/2011 Analyzed: 12/30/2011					
Thallium	ND	1.0			NR				
Vanadium	ND	1.0			NR				
Zinc	ND	1.0			NR				
LCS (B1L0942-BS1)				Prepared: 12/29/2011 Analyzed: 12/30/2011					
Antimony	43	2.0	50.0		86.9	80 - 120			
Arsenic	43	1.0	50.0		86.8	80 - 120			
Barium	47	1.0	50.0		94.7	80 - 120			
Beryllium	46	1.0	50.0		92.8	80 - 120			
Cadmium	45	1.0	50.0		90.1	80 - 120			
Chromium	45	1.0	50.0		90.7	80 - 120			
Cobalt	44	1.0	50.0		88.8	80 - 120			
Copper	47	2.0	50.0		93.2	80 - 120			
Lead	46	1.0	50.0		91.4	80 - 120			
Molybdenum	47	1.0	50.0		94.7	80 - 120			
Nickel	44	1.0	50.0		88.4	80 - 120			
Selenium	42	1.0	50.0		84.1	80 - 120			
Silver	46	1.0	50.0		91.7	80 - 120			
Thallium	46	1.0	50.0		92.2	80 - 120			
Vanadium	47	1.0	50.0		93.6	80 - 120			
Zinc	45	1.0	50.0		89.9	80 - 120			
Duplicate (B1L0942-DUP1)		**Source: 1100808-40**		Prepared: 12/29/2011 Analyzed: 12/30/2011					
Antimony	ND	2.0		ND	NR			20	
Arsenic	3.3	1.0		2.8	NR		13.8	20	
Barium	130	1.0		140	NR		7.92	20	
Beryllium	0.37	1.0		0.39	NR		5.44	20	
Cadmium	ND	1.0		ND	NR			20	
Chromium	15	1.0		14	NR		6.74	20	
Cobalt	11	1.0		8.7	NR		21.3	20	R
Copper	15	2.0		15	NR		0.905	20	
Lead	6.1	1.0		5.7	NR		7.27	20	
Molybdenum	ND	1.0		ND	NR			20	
Nickel	17	1.0		14	NR		13.9	20	
Selenium	ND	1.0		ND	NR			20	
Silver	0.06	1.0		0.03	NR		51.8	20	R
Thallium	ND	1.0		ND	NR			20	
Vanadium	33	1.0		29	NR		10.4	20	
Zinc	27	1.0		26	NR		1.79	20	
Matrix Spike (B1L0942-MS1)		**Source: 1100808-40**		Prepared: 12/29/2011 Analyzed: 12/30/2011					
Antimony	71	2.0	125	ND	56.4	44 - 105			

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Total Metals by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0942 - EPA 3050B (continued)									
Matrix Spike (B1L0942-MS1) - Continued		**Source: 1100808-40**		Prepared: 12/29/2011 Analyzed: 12/30/2011					
Arsenic	92	1.0	125	2.8	71.0	57 - 103			
Barium	250	1.0	125	140	84.6	36 - 134			
Beryllium	95	1.0	125	0.39	75.8	64 - 106			
Cadmium	90	1.0	125	ND	72.3	58 - 102			
Chromium	110	1.0	125	14	79.3	55 - 105			
Cobalt	100	1.0	125	8.7	73.2	59 - 105			
Copper	110	2.0	125	15	79.1	64 - 117			
Lead	98	1.0	125	5.7	74.0	46 - 116			
Molybdenum	91	1.0	125	ND	72.7	59 - 108			
Nickel	100	1.0	125	14	72.4	52 - 109			
Selenium	86	1.0	125	ND	69.1	56 - 100			
Silver	97	1.0	125	0.03	77.6	65 - 107			
Thallium	91	1.0	125	ND	72.5	47 - 100			
Vanadium	130	1.0	125	29	83.9	64 - 110			
Zinc	120	1.0	125	26	76.9	37 - 123			
Matrix Spike Dup (B1L0942-MSD1)		**Source: 1100808-40**		Prepared: 12/29/2011 Analyzed: 12/30/2011					
Antimony	74	2.0	125	ND	58.9	44 - 105	4.20	20	
Arsenic	90	1.0	125	2.8	70.0	57 - 103	1.43	20	
Barium	250	1.0	125	140	81.7	36 - 134	1.45	20	
Beryllium	95	1.0	125	0.39	75.4	64 - 106	0.574	20	
Cadmium	89	1.0	125	ND	71.3	58 - 102	1.35	20	
Chromium	110	1.0	125	14	77.5	55 - 105	1.92	20	
Cobalt	98	1.0	125	8.7	71.4	59 - 105	2.29	20	
Copper	110	2.0	125	15	79.1	64 - 117	0.0688	20	
Lead	97	1.0	125	5.7	72.9	46 - 116	1.42	20	
Molybdenum	90	1.0	125	ND	71.8	59 - 108	1.22	20	
Nickel	100	1.0	125	14	70.8	52 - 109	1.84	20	
Selenium	86	1.0	125	ND	68.6	56 - 100	0.688	20	
Silver	96	1.0	125	0.03	77.1	65 - 107	0.728	20	
Thallium	89	1.0	125	ND	71.5	47 - 100	1.32	20	
Vanadium	130	1.0	125	29	81.6	64 - 110	2.16	20	
Zinc	120	1.0	125	26	75.2	37 - 123	1.75	20	
Batch B1L0943 - EPA 3050B									
Blank (B1L0943-BLK1)				Prepared: 12/29/2011 Analyzed: 12/30/2011					
Antimony	ND	2.0			NR				
Arsenic	ND	1.0			NR				
Barium	ND	1.0			NR				
Beryllium	ND	1.0			NR				

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Total Metals by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0943 - EPA 3050B (continued)									
Blank (B1L0943-BLK1) - Continued				Prepared: 12/29/2011 Analyzed: 12/30/2011					
Cadmium	ND	1.0			NR				
Chromium	ND	1.0			NR				
Cobalt	ND	1.0			NR				
Copper	ND	2.0			NR				
Lead	ND	1.0			NR				
Molybdenum	ND	1.0			NR				
Nickel	ND	1.0			NR				
Selenium	ND	1.0			NR				
Silver	ND	1.0			NR				
Thallium	ND	1.0			NR				
Vanadium	ND	1.0			NR				
Zinc	ND	1.0			NR				
LCS (B1L0943-BS1)				Prepared: 12/29/2011 Analyzed: 12/30/2011					
Antimony	45	2.0	50.0		89.4	80 - 120			
Arsenic	45	1.0	50.0		90.4	80 - 120			
Barium	50	1.0	50.0		99.8	80 - 120			
Beryllium	48	1.0	50.0		95.5	80 - 120			
Cadmium	48	1.0	50.0		95.7	80 - 120			
Chromium	48	1.0	50.0		95.9	80 - 120			
Cobalt	46	1.0	50.0		92.1	80 - 120			
Copper	48	2.0	50.0		97.0	80 - 120			
Lead	47	1.0	50.0		94.1	80 - 120			
Molybdenum	49	1.0	50.0		97.3	80 - 120			
Nickel	46	1.0	50.0		92.3	80 - 120			
Selenium	44	1.0	50.0		87.4	80 - 120			
Silver	47	1.0	50.0		93.3	80 - 120			
Thallium	47	1.0	50.0		94.0	80 - 120			
Vanadium	49	1.0	50.0		97.4	80 - 120			
Zinc	47	1.0	50.0		94.7	80 - 120			
Duplicate (B1L0943-DUP1)		**Source: 1100808-50**		Prepared: 12/29/2011 Analyzed: 12/30/2011					
Antimony	ND	2.0		ND	NR			20	
Arsenic	8.1	1.0		8.4	NR		4.22	20	
Barium	170	1.0		140	NR		16.8	20	
Beryllium	0.12	1.0		0.08	NR		46.5	20	R
Cadmium	ND	1.0		ND	NR			20	
Chromium	22	1.0		22	NR		2.42	20	
Cobalt	7.4	1.0		6.0	NR		20.4	20	R
Copper	21	2.0		21	NR		0.368	20	
Lead	11	1.0		9.7	NR		10.9	20	
Molybdenum	ND	1.0		ND	NR			20	

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Total Metals by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0943 - EPA 3050B (continued)									
Duplicate (B1L0943-DUP1) - Continued		**Source: 1100808-50**		Prepared: 12/29/2011 Analyzed: 12/30/2011					
Nickel	22	1.0		22	NR		2.54	20	
Selenium	ND	1.0		ND	NR			20	
Silver	0.21	1.0		0.15	NR		33.5	20	R
Thallium	ND	1.0		ND	NR			20	
Vanadium	38	1.0		38	NR		1.19	20	
Zinc	55	1.0		55	NR		0.769	20	
Matrix Spike (B1L0943-MS1)		**Source: 1100808-50**		Prepared: 12/29/2011 Analyzed: 12/30/2011					
Antimony	75	2.0	125	ND	59.6	44 - 105			
Arsenic	110	1.0	125	8.4	79.1	57 - 103			
Barium	250	1.0	125	140	88.6	36 - 134			
Beryllium	100	1.0	125	0.08	80.0	64 - 106			
Cadmium	96	1.0	125	ND	77.0	58 - 102			
Chromium	120	1.0	125	22	81.4	55 - 105			
Cobalt	100	1.0	125	6.0	78.6	59 - 105			
Copper	130	2.0	125	21	83.7	64 - 117			
Lead	110	1.0	125	9.7	79.9	46 - 116			
Molybdenum	98	1.0	125	ND	78.1	59 - 108			
Nickel	120	1.0	125	22	75.7	52 - 109			
Selenium	93	1.0	125	ND	74.2	56 - 100			
Silver	100	1.0	125	0.15	80.6	65 - 107			
Thallium	97	1.0	125	ND	77.4	47 - 100			
Vanadium	140	1.0	125	38	82.9	64 - 110			
Zinc	150	1.0	125	55	77.6	37 - 123			
Matrix Spike Dup (B1L0943-MSD1)		**Source: 1100808-50**		Prepared: 12/29/2011 Analyzed: 12/30/2011					
Antimony	74	2.0	125	ND	59.2	44 - 105	0.713	20	
Arsenic	100	1.0	125	8.4	75.1	57 - 103	4.86	20	
Barium	270	1.0	125	140	106	36 - 134	8.41	20	
Beryllium	99	1.0	125	0.08	78.9	64 - 106	1.47	20	
Cadmium	95	1.0	125	ND	75.8	58 - 102	1.52	20	
Chromium	120	1.0	125	22	79.7	55 - 105	1.70	20	
Cobalt	100	1.0	125	6.0	77.6	59 - 105	1.13	20	
Copper	120	2.0	125	21	82.6	64 - 117	1.08	20	
Lead	110	1.0	125	9.7	78.9	46 - 116	1.13	20	
Molybdenum	96	1.0	125	ND	76.4	59 - 108	2.21	20	
Nickel	110	1.0	125	22	74.2	52 - 109	1.63	20	
Selenium	91	1.0	125	ND	72.5	56 - 100	2.29	20	
Silver	99	1.0	125	0.15	79.3	65 - 107	1.67	20	
Thallium	94	1.0	125	ND	74.9	47 - 100	3.27	20	
Vanadium	140	1.0	125	38	80.0	64 - 110	2.54	20	
Zinc	150	1.0	125	55	76.3	37 - 123	1.06	20	

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Total Metals by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0944 - EPA 3050B									
Blank (B1L0944-BLK1)				Prepared: 12/29/2011 Analyzed: 12/30/2011					
Antimony	ND	2.0			NR				
Arsenic	ND	1.0			NR				
Barium	ND	1.0			NR				
Beryllium	ND	1.0			NR				
Cadmium	ND	1.0			NR				
Chromium	ND	1.0			NR				
Cobalt	ND	1.0			NR				
Copper	ND	2.0			NR				
Lead	ND	1.0			NR				
Molybdenum	ND	1.0			NR				
Nickel	ND	1.0			NR				
Selenium	ND	1.0			NR				
Silver	ND	1.0			NR				
Thallium	ND	1.0			NR				
Vanadium	ND	1.0			NR				
Zinc	ND	1.0			NR				

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Total Metals by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0944 - EPA 3050B (continued)									
LCS (B1L0944-BS1)				Prepared: 12/29/2011 Analyzed: 12/30/2011					
Antimony	46	2.0	50.0		91.1	80 - 120			
Arsenic	46	1.0	50.0		92.3	80 - 120			
Barium	50	1.0	50.0		101	80 - 120			
Beryllium	48	1.0	50.0		95.6	80 - 120			
Cadmium	48	1.0	50.0		95.6	80 - 120			
Chromium	48	1.0	50.0		95.3	80 - 120			
Cobalt	46	1.0	50.0		92.6	80 - 120			
Copper	49	2.0	50.0		97.4	80 - 120			
Lead	48	1.0	50.0		96.1	80 - 120			
Molybdenum	50	1.0	50.0		99.1	80 - 120			
Nickel	46	1.0	50.0		92.3	80 - 120			
Selenium	45	1.0	50.0		89.0	80 - 120			
Silver	47	1.0	50.0		95.0	80 - 120			
Thallium	48	1.0	50.0		96.1	80 - 120			
Vanadium	49	1.0	50.0		97.7	80 - 120			
Zinc	47	1.0	50.0		94.9	80 - 120			

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Total Metals by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0944 - EPA 3050B (continued)									
Duplicate (B1L0944-DUP1)		**Source: 1100808-60**		Prepared: 12/29/2011 Analyzed: 12/30/2011					
Antimony	ND	2.0		ND	NR			20	
Arsenic	6.5	1.0		7.2	NR		10.6	20	
Barium	180	1.0		190	NR		5.43	20	
Beryllium	0.20	1.0		0.14	NR		35.6	20	R
Cadmium	ND	1.0		ND	NR			20	
Chromium	23	1.0		23	NR		2.32	20	
Cobalt	9.9	1.0		13	NR		23.8	20	R
Copper	23	2.0		23	NR		1.24	20	
Lead	6.6	1.0		6.9	NR		3.73	20	
Molybdenum	ND	1.0		ND	NR			20	
Nickel	23	1.0		24	NR		6.59	20	
Selenium	ND	1.0		ND	NR			20	
Silver	0.18	1.0		0.13	NR		34.2	20	R
Thallium	ND	1.0		ND	NR			20	
Vanadium	39	1.0		41	NR		4.07	20	
Zinc	52	1.0		54	NR		3.34	20	

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Total Metals by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0944 - EPA 3050B (continued)									
Matrix Spike (B1L0944-MS1)		**Source: 1100808-60**		Prepared: 12/29/2011 Analyzed: 12/30/2011					
Antimony	72	2.0	125	ND	57.5	44 - 105			
Arsenic	100	1.0	125	7.2	75.0	57 - 103			
Barium	240	1.0	125	190	40.2	36 - 134			
Beryllium	98	1.0	125	0.14	78.0	64 - 106			
Cadmium	93	1.0	125	ND	74.7	58 - 102			
Chromium	120	1.0	125	23	77.8	55 - 105			
Cobalt	100	1.0	125	13	70.0	59 - 105			
Copper	120	2.0	125	23	79.5	64 - 117			
Lead	100	1.0	125	6.9	76.2	46 - 116			
Molybdenum	93	1.0	125	ND	74.8	59 - 108			
Nickel	110	1.0	125	24	69.9	52 - 109			
Selenium	89	1.0	125	ND	71.5	56 - 100			
Silver	98	1.0	125	0.13	78.2	65 - 107			
Thallium	93	1.0	125	ND	74.4	47 - 100			
Vanadium	140	1.0	125	41	76.6	64 - 110			
Zinc	140	1.0	125	54	71.6	37 - 123			

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Total Metals by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0944 - EPA 3050B (continued)									
Matrix Spike Dup (B1L0944-MSD1)		**Source: 1100808-60**		Prepared: 12/29/2011 Analyzed: 12/30/2011					
Antimony	76	2.0	125	ND	60.7	44 - 105	5.52	20	
Arsenic	100	1.0	125	7.2	78.1	57 - 103	3.77	20	
Barium	280	1.0	125	190	73.9	36 - 134	16.3	20	
Beryllium	100	1.0	125	0.14	79.7	64 - 106	2.12	20	
Cadmium	97	1.0	125	ND	77.3	58 - 102	3.39	20	
Chromium	120	1.0	125	23	80.8	55 - 105	3.12	20	
Cobalt	110	1.0	125	13	74.4	59 - 105	5.42	20	
Copper	130	2.0	125	23	83.3	64 - 117	3.75	20	
Lead	100	1.0	125	6.9	78.5	46 - 116	2.78	20	
Molybdenum	97	1.0	125	ND	77.8	59 - 108	4.03	20	
Nickel	120	1.0	125	24	73.7	52 - 109	4.14	20	
Selenium	92	1.0	125	ND	73.3	56 - 100	2.39	20	
Silver	100	1.0	125	0.13	80.4	65 - 107	2.84	20	
Thallium	95	1.0	125	ND	76.1	47 - 100	2.20	20	
Vanadium	140	1.0	125	41	80.5	64 - 110	3.51	20	
Zinc	150	1.0	125	54	77.2	37 - 123	4.73	20	

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Total Metals by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0945 - EPA 3050B									
Blank (B1L0945-BLK1)				Prepared: 12/29/2011 Analyzed: 12/30/2011					
Antimony	ND	2.0			NR				
Arsenic	ND	1.0			NR				
Barium	ND	1.0			NR				
Beryllium	ND	1.0			NR				
Cadmium	ND	1.0			NR				
Chromium	ND	1.0			NR				
Cobalt	ND	1.0			NR				
Copper	ND	2.0			NR				
Lead	ND	1.0			NR				
Molybdenum	ND	1.0			NR				
Nickel	ND	1.0			NR				
Selenium	ND	1.0			NR				
Silver	ND	1.0			NR				
Thallium	ND	1.0			NR				
Vanadium	ND	1.0			NR				
Zinc	ND	1.0			NR				

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Total Metals by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0945 - EPA 3050B (continued)									
LCS (B1L0945-BS1)				Prepared: 12/29/2011 Analyzed: 12/31/2011					
Antimony	46	2.0	50.0		92.2	80 - 120			
Arsenic	45	1.0	50.0		90.2	80 - 120			
Barium	49	1.0	50.0		97.2	80 - 120			
Beryllium	48	1.0	50.0		95.9	80 - 120			
Cadmium	47	1.0	50.0		93.5	80 - 120			
Chromium	47	1.0	50.0		94.1	80 - 120			
Cobalt	47	1.0	50.0		93.1	80 - 120			
Copper	48	2.0	50.0		96.5	80 - 120			
Lead	48	1.0	50.0		96.3	80 - 120			
Molybdenum	49	1.0	50.0		98.0	80 - 120			
Nickel	46	1.0	50.0		92.8	80 - 120			
Selenium	45	1.0	50.0		89.8	80 - 120			
Silver	48	1.0	50.0		95.1	80 - 120			
Thallium	50	1.0	50.0		99.1	80 - 120			
Vanadium	49	1.0	50.0		97.1	80 - 120			
Zinc	48	1.0	50.0		96.1	80 - 120			

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Total Metals by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0945 - EPA 3050B (continued)									
Duplicate (B1L0945-DUP1)		**Source: 1100808-70**		Prepared: 12/29/2011 Analyzed: 12/30/2011					
Antimony	ND	2.0		ND	NR			20	
Arsenic	2.8	1.0		5.3	NR		60.9	20	R
Barium	63	1.0		84	NR		29.3	20	R
Beryllium	ND	1.0		ND	NR			20	
Cadmium	ND	1.0		ND	NR			20	
Chromium	72	1.0		89	NR		21.2	20	R
Cobalt	9.6	1.0		11	NR		10.1	20	
Copper	12	2.0		15	NR		21.5	20	R
Lead	5.6	1.0		6.2	NR		9.09	20	
Molybdenum	ND	1.0		ND	NR			20	
Nickel	110	1.0		140	NR		23.7	20	R
Selenium	ND	1.0		ND	NR			20	
Silver	0.17	1.0		0.14	NR		24.5	20	R
Thallium	ND	1.0		ND	NR			20	
Vanadium	28	1.0		31	NR		10.1	20	
Zinc	31	1.0		39	NR		23.0	20	R

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Total Metals by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0945 - EPA 3050B (continued)									
Matrix Spike (B1L0945-MS1)		**Source: 1100808-70**		Prepared: 12/29/2011 Analyzed: 12/30/2011					
Antimony	81	2.0	125	ND	64.6	44 - 105			
Arsenic	94	1.0	125	5.3	71.0	57 - 103			
Barium	180	1.0	125	84	80.3	36 - 134			
Beryllium	91	1.0	125	ND	73.1	64 - 106			
Cadmium	88	1.0	125	ND	70.8	58 - 102			
Chromium	160	1.0	125	89	57.5	55 - 105			
Cobalt	97	1.0	125	11	69.0	59 - 105			
Copper	110	2.0	125	15	76.1	64 - 117			
Lead	94	1.0	125	6.2	70.6	46 - 116			
Molybdenum	91	1.0	125	ND	72.7	59 - 108			
Nickel	200	1.0	125	140	48.8	52 - 109			M1
Selenium	87	1.0	125	ND	69.3	56 - 100			
Silver	95	1.0	125	0.14	76.2	65 - 107			
Thallium	87	1.0	125	ND	69.9	47 - 100			
Vanadium	130	1.0	125	31	75.1	64 - 110			
Zinc	120	1.0	125	39	65.4	37 - 123			

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Total Metals by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0945 - EPA 3050B (continued)									
Matrix Spike Dup (B1L0945-MSD1)		**Source: 1100808-70**		Prepared: 12/29/2011 Analyzed: 12/30/2011					
Antimony	90	2.0	125	ND	72.3	44 - 105	11.3	20	
Arsenic	100	1.0	125	5.3	79.7	57 - 103	10.9	20	
Barium	200	1.0	125	84	94.3	36 - 134	9.04	20	
Beryllium	100	1.0	125	ND	82.0	64 - 106	11.5	20	
Cadmium	100	1.0	125	ND	79.9	58 - 102	12.1	20	
Chromium	200	1.0	125	89	90.1	55 - 105	22.5	20	R
Cobalt	110	1.0	125	11	79.2	59 - 105	12.4	20	
Copper	130	2.0	125	15	88.1	64 - 117	12.8	20	
Lead	110	1.0	125	6.2	79.3	46 - 116	11.0	20	
Molybdenum	100	1.0	125	ND	81.4	59 - 108	11.3	20	
Nickel	220	1.0	125	140	67.2	52 - 109	11.0	20	
Selenium	96	1.0	125	ND	77.1	56 - 100	10.6	20	
Silver	110	1.0	125	0.14	85.9	65 - 107	12.0	20	
Thallium	97	1.0	125	ND	77.7	47 - 100	10.5	20	
Vanadium	140	1.0	125	31	87.9	64 - 110	12.0	20	
Zinc	140	1.0	125	39	78.2	37 - 123	12.5	20	

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Total Metals by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0946 - EPA 3050B									
Blank (B1L0946-BLK1)				Prepared: 12/29/2011 Analyzed: 12/30/2011					
Antimony	ND	2.0			NR				
Arsenic	ND	1.0			NR				
Barium	ND	1.0			NR				
Beryllium	ND	1.0			NR				
Cadmium	ND	1.0			NR				
Chromium	ND	1.0			NR				
Cobalt	ND	1.0			NR				
Copper	ND	2.0			NR				
Lead	ND	1.0			NR				
Molybdenum	ND	1.0			NR				
Nickel	ND	1.0			NR				
Selenium	ND	1.0			NR				
Silver	ND	1.0			NR				
Thallium	ND	1.0			NR				
Vanadium	ND	1.0			NR				
Zinc	ND	1.0			NR				

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Total Metals by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0946 - EPA 3050B (continued)									
LCS (B1L0946-BS1)				Prepared: 12/29/2011 Analyzed: 12/30/2011					
Antimony	45	2.0	50.0		89.8	80 - 120			
Arsenic	46	1.0	50.0		91.5	80 - 120			
Barium	50	1.0	50.0		100	80 - 120			
Beryllium	47	1.0	50.0		94.9	80 - 120			
Cadmium	48	1.0	50.0		95.9	80 - 120			
Chromium	48	1.0	50.0		95.7	80 - 120			
Cobalt	46	1.0	50.0		91.7	80 - 120			
Copper	48	2.0	50.0		96.4	80 - 120			
Lead	47	1.0	50.0		94.6	80 - 120			
Molybdenum	49	1.0	50.0		97.6	80 - 120			
Nickel	46	1.0	50.0		91.5	80 - 120			
Selenium	44	1.0	50.0		88.3	80 - 120			
Silver	47	1.0	50.0		94.3	80 - 120			
Thallium	47	1.0	50.0		94.3	80 - 120			
Vanadium	48	1.0	50.0		96.9	80 - 120			
Zinc	48	1.0	50.0		95.0	80 - 120			

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Total Metals by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0946 - EPA 3050B (continued)									
Duplicate (B1L0946-DUP1)		**Source: 1100808-80**		Prepared: 12/29/2011 Analyzed: 12/30/2011					
Antimony	ND	2.0		ND	NR			20	
Arsenic	4.4	1.0		4.7	NR		7.87	20	
Barium	120	1.0		130	NR		9.50	20	
Beryllium	0.34	1.0		0.33	NR		4.78	20	
Cadmium	ND	1.0		ND	NR			20	
Chromium	19	1.0		19	NR		0.480	20	
Cobalt	8.8	1.0		11	NR		19.7	20	
Copper	19	2.0		19	NR		0.136	20	
Lead	6.7	1.0		9.6	NR		35.5	20	R
Molybdenum	ND	1.0		ND	NR			20	
Nickel	19	1.0		22	NR		13.1	20	
Selenium	ND	1.0		ND	NR			20	
Silver	0.15	1.0		0.10	NR		41.8	20	R
Thallium	ND	1.0		ND	NR			20	
Vanadium	36	1.0		35	NR		2.39	20	
Zinc	43	1.0		40	NR		6.71	20	

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Total Metals by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0946 - EPA 3050B (continued)									
Matrix Spike (B1L0946-MS1)		**Source: 1100808-80**		Prepared: 12/29/2011 Analyzed: 12/30/2011					
Antimony	61	2.0	125	ND	49.1	44 - 105			
Arsenic	96	1.0	125	4.7	72.8	57 - 103			
Barium	230	1.0	125	130	73.3	36 - 134			
Beryllium	95	1.0	125	0.33	75.9	64 - 106			
Cadmium	90	1.0	125	ND	72.3	58 - 102			
Chromium	120	1.0	125	19	78.5	55 - 105			
Cobalt	100	1.0	125	11	71.8	59 - 105			
Copper	120	2.0	125	19	79.9	64 - 117			
Lead	110	1.0	125	9.6	82.4	46 - 116			
Molybdenum	89	1.0	125	ND	70.9	59 - 108			
Nickel	110	1.0	125	22	71.8	52 - 109			
Selenium	86	1.0	125	ND	68.7	56 - 100			
Silver	96	1.0	125	0.10	76.8	65 - 107			
Thallium	90	1.0	125	ND	71.8	47 - 100			
Vanadium	130	1.0	125	35	79.4	64 - 110			
Zinc	140	1.0	125	40	78.1	37 - 123			

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Total Metals by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0946 - EPA 3050B (continued)									
Matrix Spike Dup (B1L0946-MSD1)		**Source: 1100808-80**		Prepared: 12/29/2011 Analyzed: 12/30/2011					
Antimony	64	2.0	125	ND	51.3	44 - 105	4.23	20	
Arsenic	98	1.0	125	4.7	74.8	57 - 103	2.51	20	
Barium	250	1.0	125	130	94.0	36 - 134	10.8	20	
Beryllium	97	1.0	125	0.33	77.2	64 - 106	1.70	20	
Cadmium	92	1.0	125	ND	73.7	58 - 102	1.82	20	
Chromium	120	1.0	125	19	79.2	55 - 105	0.803	20	
Cobalt	100	1.0	125	11	72.5	59 - 105	0.819	20	
Copper	120	2.0	125	19	81.4	64 - 117	1.57	20	
Lead	110	1.0	125	9.6	80.3	46 - 116	2.31	20	
Molybdenum	90	1.0	125	ND	71.7	59 - 108	1.13	20	
Nickel	130	1.0	125	22	83.8	52 - 109	12.6	20	
Selenium	89	1.0	125	ND	71.2	56 - 100	3.47	20	
Silver	98	1.0	125	0.10	78.5	65 - 107	2.23	20	
Thallium	92	1.0	125	ND	73.9	47 - 100	2.90	20	
Vanadium	140	1.0	125	35	80.1	64 - 110	0.705	20	
Zinc	140	1.0	125	40	77.4	37 - 123	0.655	20	

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Total Metals by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0947 - EPA 3050B									
Blank (B1L0947-BLK1)				Prepared: 12/29/2011 Analyzed: 12/30/2011					
Antimony	ND	2.0			NR				
Arsenic	ND	1.0			NR				
Barium	ND	1.0			NR				
Beryllium	ND	1.0			NR				
Cadmium	ND	1.0			NR				
Chromium	ND	1.0			NR				
Cobalt	ND	1.0			NR				
Copper	ND	2.0			NR				
Lead	ND	1.0			NR				
Molybdenum	ND	1.0			NR				
Nickel	ND	1.0			NR				
Selenium	ND	1.0			NR				
Silver	ND	1.0			NR				
Thallium	ND	1.0			NR				
Vanadium	ND	1.0			NR				
Zinc	ND	1.0			NR				

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Livermore , CA 94550		Reported :	01/04/2012

Total Metals by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0947 - EPA 3050B (continued)									
LCS (B1L0947-BS1)				Prepared: 12/29/2011 Analyzed: 12/30/2011					
Antimony	43	2.0	50.0		85.8	80 - 120			
Arsenic	44	1.0	50.0		87.9	80 - 120			
Barium	48	1.0	50.0		95.7	80 - 120			
Beryllium	45	1.0	50.0		90.2	80 - 120			
Cadmium	46	1.0	50.0		91.5	80 - 120			
Chromium	45	1.0	50.0		90.7	80 - 120			
Cobalt	44	1.0	50.0		87.6	80 - 120			
Copper	46	2.0	50.0		92.1	80 - 120			
Lead	46	1.0	50.0		91.2	80 - 120			
Molybdenum	47	1.0	50.0		93.7	80 - 120			
Nickel	44	1.0	50.0		87.8	80 - 120			
Selenium	42	1.0	50.0		84.5	80 - 120			
Silver	45	1.0	50.0		89.0	80 - 120			
Thallium	46	1.0	50.0		91.2	80 - 120			
Vanadium	46	1.0	50.0		92.3	80 - 120			
Zinc	45	1.0	50.0		90.5	80 - 120			

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Total Metals by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0947 - EPA 3050B (continued)									
Duplicate (B1L0947-DUP1)		**Source: 1100808-90**		Prepared: 12/29/2011 Analyzed: 12/30/2011					
Antimony	ND	2.0		ND	NR			20	
Arsenic	2.7	1.0		2.6	NR		5.25	20	
Barium	67	1.0		63	NR		5.39	20	
Beryllium	ND	1.0		ND	NR			20	
Cadmium	ND	1.0		ND	NR			20	
Chromium	58	1.0		54	NR		7.69	20	
Cobalt	8.9	1.0		8.4	NR		5.14	20	
Copper	14	2.0		14	NR		2.49	20	
Lead	3.0	1.0		3.0	NR		1.34	20	
Molybdenum	ND	1.0		ND	NR			20	
Nickel	75	1.0		89	NR		16.1	20	
Selenium	ND	1.0		ND	NR			20	
Silver	0.16	1.0		0.15	NR		3.18	20	
Thallium	ND	1.0		ND	NR			20	
Vanadium	30	1.0		25	NR		18.1	20	
Zinc	32	1.0		31	NR		2.27	20	

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Total Metals by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0947 - EPA 3050B (continued)									
Matrix Spike (B1L0947-MS1)		**Source: 1100808-90**		Prepared: 12/29/2011 Analyzed: 12/30/2011					
Antimony	83	2.0	125	ND	66.7	44 - 105			
Arsenic	100	1.0	125	2.6	78.3	57 - 103			
Barium	180	1.0	125	63	91.8	36 - 134			
Beryllium	98	1.0	125	ND	78.3	64 - 106			
Cadmium	94	1.0	125	ND	75.0	58 - 102			
Chromium	160	1.0	125	54	84.6	55 - 105			
Cobalt	100	1.0	125	8.4	75.4	59 - 105			
Copper	120	2.0	125	14	84.5	64 - 117			
Lead	98	1.0	125	3.0	75.6	46 - 116			
Molybdenum	98	1.0	125	ND	78.1	59 - 108			
Nickel	180	1.0	125	89	69.1	52 - 109			
Selenium	92	1.0	125	ND	73.7	56 - 100			
Silver	100	1.0	125	0.15	82.0	65 - 107			
Thallium	94	1.0	125	ND	75.1	47 - 100			
Vanadium	130	1.0	125	25	84.8	64 - 110			
Zinc	130	1.0	125	31	79.1	37 - 123			

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Total Metals by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0947 - EPA 3050B (continued)									
Matrix Spike Dup (B1L0947-MSD1)		**Source: 1100808-90**		Prepared: 12/29/2011 Analyzed: 12/30/2011					
Antimony	96	2.0	125	ND	76.7	44 - 105	13.9	20	
Arsenic	110	1.0	125	2.6	85.4	57 - 103	8.44	20	
Barium	180	1.0	125	63	92.5	36 - 134	0.457	20	
Beryllium	110	1.0	125	ND	85.5	64 - 106	8.85	20	
Cadmium	100	1.0	125	ND	81.8	58 - 102	8.73	20	
Chromium	170	1.0	125	54	91.3	55 - 105	5.11	20	
Cobalt	110	1.0	125	8.4	81.3	59 - 105	6.96	20	
Copper	130	2.0	125	14	91.7	64 - 117	7.30	20	
Lead	110	1.0	125	3.0	85.1	46 - 116	11.5	20	
Molybdenum	110	1.0	125	ND	87.8	59 - 108	11.7	20	
Nickel	170	1.0	125	89	67.5	52 - 109	1.20	20	
Selenium	100	1.0	125	ND	81.6	56 - 100	10.3	20	
Silver	110	1.0	125	0.15	88.2	65 - 107	7.25	20	
Thallium	100	1.0	125	ND	83.0	47 - 100	10.0	20	
Vanadium	140	1.0	125	25	90.7	64 - 110	5.46	20	
Zinc	140	1.0	125	31	83.6	37 - 123	4.22	20	

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Total Metals by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0948 - EPA 3050B									
Blank (B1L0948-BLK1)				Prepared: 12/29/2011 Analyzed: 12/30/2011					
Antimony	ND	2.0			NR				
Arsenic	ND	1.0			NR				
Barium	ND	1.0			NR				
Beryllium	ND	1.0			NR				
Cadmium	ND	1.0			NR				
Chromium	ND	1.0			NR				
Cobalt	ND	1.0			NR				
Copper	ND	2.0			NR				
Lead	ND	1.0			NR				
Molybdenum	ND	1.0			NR				
Nickel	ND	1.0			NR				
Selenium	ND	1.0			NR				
Silver	ND	1.0			NR				
Thallium	ND	1.0			NR				
Vanadium	ND	1.0			NR				
Zinc	ND	1.0			NR				

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Total Metals by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0948 - EPA 3050B (continued)									
LCS (B1L0948-BS1)				Prepared: 12/29/2011 Analyzed: 12/30/2011					
Antimony	44	2.0	50.0		88.0	80 - 120			
Arsenic	44	1.0	50.0		88.0	80 - 120			
Barium	47	1.0	50.0		94.1	80 - 120			
Beryllium	46	1.0	50.0		91.7	80 - 120			
Cadmium	45	1.0	50.0		90.1	80 - 120			
Chromium	45	1.0	50.0		90.6	80 - 120			
Cobalt	44	1.0	50.0		88.5	80 - 120			
Copper	46	2.0	50.0		93.0	80 - 120			
Lead	46	1.0	50.0		92.1	80 - 120			
Molybdenum	47	1.0	50.0		94.9	80 - 120			
Nickel	44	1.0	50.0		87.8	80 - 120			
Selenium	43	1.0	50.0		85.3	80 - 120			
Silver	45	1.0	50.0		90.4	80 - 120			
Thallium	47	1.0	50.0		93.1	80 - 120			
Vanadium	47	1.0	50.0		93.1	80 - 120			
Zinc	45	1.0	50.0		90.0	80 - 120			

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Total Metals by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0948 - EPA 3050B (continued)									
Duplicate (B1L0948-DUP1)		**Source: 1100808-AA**		Prepared: 12/29/2011 Analyzed: 12/30/2011					
Antimony	ND	2.0		ND	NR			20	
Arsenic	4.3	1.0		4.6	NR		6.43	20	
Barium	150	1.0		180	NR		14.6	20	
Beryllium	0.30	1.0		0.30	NR		1.22	20	
Cadmium	ND	1.0		ND	NR			20	
Chromium	21	1.0		20	NR		2.85	20	
Cobalt	13	1.0		9.4	NR		31.1	20	R
Copper	19	2.0		19	NR		3.28	20	
Lead	6.5	1.0		6.9	NR		5.17	20	
Molybdenum	ND	1.0		ND	NR			20	
Nickel	25	1.0		18	NR		30.5	20	R
Selenium	ND	1.0		ND	NR			20	
Silver	0.14	1.0		0.10	NR		32.6	20	R
Thallium	ND	1.0		ND	NR			20	
Vanadium	41	1.0		40	NR		3.62	20	
Zinc	40	1.0		39	NR		4.73	20	

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Total Metals by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0948 - EPA 3050B (continued)									
Matrix Spike (B1L0948-MS1)		**Source: 1100808-AA**		Prepared: 12/29/2011 Analyzed: 12/30/2011					
Antimony	63	2.0	125	ND	50.2	44 - 105			
Arsenic	87	1.0	125	4.6	65.6	57 - 103			
Barium	260	1.0	125	180	66.1	36 - 134			
Beryllium	87	1.0	125	0.30	69.4	64 - 106			
Cadmium	83	1.0	125	ND	66.2	58 - 102			
Chromium	110	1.0	125	20	71.0	55 - 105			
Cobalt	92	1.0	125	9.4	66.1	59 - 105			
Copper	110	2.0	125	19	73.5	64 - 117			
Lead	90	1.0	125	6.9	66.1	46 - 116			
Molybdenum	82	1.0	125	ND	65.6	59 - 108			
Nickel	99	1.0	125	18	64.6	52 - 109			
Selenium	80	1.0	125	ND	63.8	56 - 100			
Silver	89	1.0	125	0.10	70.7	65 - 107			
Thallium	83	1.0	125	ND	66.3	47 - 100			
Vanadium	130	1.0	125	40	71.8	64 - 110			
Zinc	130	1.0	125	39	69.3	37 - 123			

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Total Metals by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0948 - EPA 3050B (continued)									
Matrix Spike Dup (B1L0948-MSD1)		**Source: 1100808-AA**		Prepared: 12/29/2011 Analyzed: 12/30/2011					
Antimony	74	2.0	125	ND	59.1	44 - 105	16.2	20	
Arsenic	97	1.0	125	4.6	74.3	57 - 103	11.8	20	
Barium	250	1.0	125	180	63.0	36 - 134	1.53	20	
Beryllium	97	1.0	125	0.30	77.5	64 - 106	11.0	20	
Cadmium	92	1.0	125	ND	74.0	58 - 102	11.0	20	
Chromium	120	1.0	125	20	78.0	55 - 105	7.79	20	
Cobalt	100	1.0	125	9.4	74.9	59 - 105	11.2	20	
Copper	120	2.0	125	19	81.3	64 - 117	8.38	20	
Lead	100	1.0	125	6.9	77.9	46 - 116	15.1	20	
Molybdenum	95	1.0	125	ND	76.1	59 - 108	14.9	20	
Nickel	110	1.0	125	18	71.5	52 - 109	8.37	20	
Selenium	92	1.0	125	ND	73.9	56 - 100	14.6	20	
Silver	98	1.0	125	0.10	78.6	65 - 107	10.5	20	
Thallium	95	1.0	125	ND	76.1	47 - 100	13.8	20	
Vanadium	140	1.0	125	40	78.8	64 - 110	6.51	20	
Zinc	130	1.0	125	39	74.9	37 - 123	5.45	20	

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Total Metals by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0949 - EPA 3050B									
Blank (B1L0949-BLK1)				Prepared: 12/29/2011 Analyzed: 12/30/2011					
Antimony	ND	2.0			NR				
Arsenic	ND	1.0			NR				
Barium	ND	1.0			NR				
Beryllium	ND	1.0			NR				
Cadmium	ND	1.0			NR				
Chromium	ND	1.0			NR				
Cobalt	ND	1.0			NR				
Copper	ND	2.0			NR				
Lead	ND	1.0			NR				
Molybdenum	ND	1.0			NR				
Nickel	ND	1.0			NR				
Selenium	ND	1.0			NR				
Silver	ND	1.0			NR				
Thallium	ND	1.0			NR				
Vanadium	ND	1.0			NR				
Zinc	ND	1.0			NR				

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Total Metals by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0949 - EPA 3050B (continued)									
LCS (B1L0949-BS1)				Prepared: 12/29/2011 Analyzed: 12/30/2011					
Antimony	46	2.0	50.0		92.6	80 - 120			
Arsenic	46	1.0	50.0		91.8	80 - 120			
Barium	49	1.0	50.0		97.9	80 - 120			
Beryllium	48	1.0	50.0		97.0	80 - 120			
Cadmium	47	1.0	50.0		93.7	80 - 120			
Chromium	47	1.0	50.0		94.8	80 - 120			
Cobalt	46	1.0	50.0		92.9	80 - 120			
Copper	49	2.0	50.0		98.2	80 - 120			
Lead	48	1.0	50.0		96.7	80 - 120			
Molybdenum	50	1.0	50.0		99.8	80 - 120			
Nickel	46	1.0	50.0		92.5	80 - 120			
Selenium	45	1.0	50.0		89.3	80 - 120			
Silver	48	1.0	50.0		95.7	80 - 120			
Thallium	49	1.0	50.0		97.7	80 - 120			
Vanadium	49	1.0	50.0		98.0	80 - 120			
Zinc	47	1.0	50.0		94.3	80 - 120			

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Total Metals by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0949 - EPA 3050B (continued)									
Duplicate (B1L0949-DUP1)		**Source: 1100808-AK**		Prepared: 12/29/2011 Analyzed: 12/30/2011					
Antimony	ND	2.0		ND	NR			20	
Arsenic	4.5	1.0		4.5	NR		1.10	20	
Barium	130	1.0		140	NR		9.05	20	
Beryllium	0.33	1.0		0.35	NR		6.81	20	
Cadmium	ND	1.0		ND	NR			20	
Chromium	19	1.0		20	NR		5.89	20	
Cobalt	8.1	1.0		6.9	NR		17.1	20	
Copper	17	2.0		18	NR		6.81	20	
Lead	49	1.0		38	NR		25.1	20	R
Molybdenum	ND	1.0		ND	NR			20	
Nickel	15	1.0		16	NR		3.24	20	
Selenium	ND	1.0		ND	NR			20	
Silver	0.15	1.0		0.18	NR		19.8	20	
Thallium	ND	1.0		ND	NR			20	
Vanadium	36	1.0		37	NR		4.45	20	
Zinc	38	1.0		41	NR		7.70	20	

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Total Metals by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0949 - EPA 3050B (continued)									
Matrix Spike (B1L0949-MS1)		**Source: 1100808-AK**		Prepared: 12/29/2011 Analyzed: 12/30/2011					
Antimony	72	2.0	125	ND	57.5	44 - 105			
Arsenic	97	1.0	125	4.5	74.2	57 - 103			
Barium	260	1.0	125	140	94.3	36 - 134			
Beryllium	98	1.0	125	0.35	77.8	64 - 106			
Cadmium	91	1.0	125	ND	73.0	58 - 102			
Chromium	120	1.0	125	20	78.9	55 - 105			
Cobalt	110	1.0	125	6.9	79.4	59 - 105			
Copper	120	2.0	125	18	81.1	64 - 117			
Lead	130	1.0	125	38	76.2	46 - 116			
Molybdenum	93	1.0	125	ND	74.3	59 - 108			
Nickel	110	1.0	125	16	78.8	52 - 109			
Selenium	91	1.0	125	ND	72.7	56 - 100			
Silver	99	1.0	125	0.18	79.4	65 - 107			
Thallium	94	1.0	125	ND	75.4	47 - 100			
Vanadium	140	1.0	125	37	80.4	64 - 110			
Zinc	130	1.0	125	41	74.2	37 - 123			

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Total Metals by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0949 - EPA 3050B (continued)									
Matrix Spike Dup (B1L0949-MSD1)		**Source: 1100808-AK**		Prepared: 12/29/2011 Analyzed: 12/30/2011					
Antimony	70	2.0	125	ND	56.0	44 - 105	2.73	20	
Arsenic	96	1.0	125	4.5	73.5	57 - 103	0.999	20	
Barium	240	1.0	125	140	79.9	36 - 134	7.24	20	
Beryllium	95	1.0	125	0.35	76.1	64 - 106	2.19	20	
Cadmium	90	1.0	125	ND	72.2	58 - 102	1.10	20	
Chromium	120	1.0	125	20	77.3	55 - 105	1.72	20	
Cobalt	100	1.0	125	6.9	75.1	59 - 105	5.18	20	
Copper	120	2.0	125	18	80.4	64 - 117	0.749	20	
Lead	120	1.0	125	38	65.7	46 - 116	10.3	20	
Molybdenum	92	1.0	125	ND	73.8	59 - 108	0.615	20	
Nickel	110	1.0	125	16	74.1	52 - 109	5.27	20	
Selenium	89	1.0	125	ND	71.5	56 - 100	1.58	20	
Silver	98	1.0	125	0.18	78.1	65 - 107	1.63	20	
Thallium	92	1.0	125	ND	73.3	47 - 100	2.78	20	
Vanadium	140	1.0	125	37	83.2	64 - 110	2.52	20	
Zinc	130	1.0	125	41	73.2	37 - 123	0.992	20	

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Total Metals by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0950 - EPA 3050B									
Blank (B1L0950-BLK1)				Prepared: 12/29/2011 Analyzed: 12/30/2011					
Antimony	ND	2.0			NR				
Arsenic	ND	1.0			NR				
Barium	ND	1.0			NR				
Beryllium	ND	1.0			NR				
Cadmium	ND	1.0			NR				
Chromium	ND	1.0			NR				
Cobalt	ND	1.0			NR				
Copper	ND	2.0			NR				
Lead	ND	1.0			NR				
Molybdenum	ND	1.0			NR				
Nickel	ND	1.0			NR				
Selenium	ND	1.0			NR				
Silver	ND	1.0			NR				
Thallium	ND	1.0			NR				
Vanadium	ND	1.0			NR				
Zinc	ND	1.0			NR				

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Total Metals by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0950 - EPA 3050B (continued)									
LCS (B1L0950-BS1)				Prepared: 12/29/2011 Analyzed: 12/30/2011					
Antimony	44	2.0	50.0		87.7	80 - 120			
Arsenic	44	1.0	50.0		88.2	80 - 120			
Barium	48	1.0	50.0		95.9	80 - 120			
Beryllium	46	1.0	50.0		92.4	80 - 120			
Cadmium	46	1.0	50.0		91.9	80 - 120			
Chromium	46	1.0	50.0		91.8	80 - 120			
Cobalt	45	1.0	50.0		89.2	80 - 120			
Copper	47	2.0	50.0		93.7	80 - 120			
Lead	46	1.0	50.0		92.2	80 - 120			
Molybdenum	47	1.0	50.0		95.0	80 - 120			
Nickel	44	1.0	50.0		88.6	80 - 120			
Selenium	43	1.0	50.0		85.4	80 - 120			
Silver	47	1.0	50.0		94.5	80 - 120			
Thallium	46	1.0	50.0		92.6	80 - 120			
Vanadium	47	1.0	50.0		93.8	80 - 120			
Zinc	46	1.0	50.0		91.7	80 - 120			

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Total Metals by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0950 - EPA 3050B (continued)									
Duplicate (B1L0950-DUP1)		**Source: 1100809-CA**		Prepared: 12/29/2011 Analyzed: 12/30/2011					
Antimony	ND	2.0		ND	NR			20	
Arsenic	3.5	1.0		2.8	NR		20.5	20	R
Barium	35	1.0		32	NR		7.40	20	
Beryllium	ND	1.0		ND	NR			20	
Cadmium	ND	1.0		ND	NR			20	
Chromium	14	1.0		20	NR		32.3	20	R
Cobalt	4.6	1.0		5.6	NR		21.0	20	R
Copper	4.5	2.0		4.9	NR		8.41	20	
Lead	2.1	1.0		2.2	NR		5.15	20	
Molybdenum	ND	1.0		ND	NR			20	
Nickel	20	1.0		30	NR		43.6	20	R
Selenium	ND	1.0		ND	NR			20	
Silver	0.08	1.0		0.06	NR		19.2	20	
Thallium	ND	1.0		ND	NR			20	
Vanadium	19	1.0		20	NR		7.19	20	
Zinc	21	1.0		22	NR		6.51	20	

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Total Metals by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0950 - EPA 3050B (continued)									
Matrix Spike (B1L0950-MS1)		**Source: 1100809-CA**		Prepared: 12/29/2011 Analyzed: 12/30/2011					
Antimony	94	2.0	125	ND	75.5	44 - 105			
Arsenic	99	1.0	125	2.8	77.1	57 - 103			
Barium	130	1.0	125	32	82.0	36 - 134			
Beryllium	100	1.0	125	ND	80.7	64 - 106			
Cadmium	97	1.0	125	ND	77.8	58 - 102			
Chromium	120	1.0	125	20	76.8	55 - 105			
Cobalt	100	1.0	125	5.6	79.2	59 - 105			
Copper	110	2.0	125	4.9	82.2	64 - 117			
Lead	110	1.0	125	2.2	82.7	46 - 116			
Molybdenum	100	1.0	125	ND	82.7	59 - 108			
Nickel	120	1.0	125	30	69.7	52 - 109			
Selenium	97	1.0	125	ND	77.8	56 - 100			
Silver	100	1.0	125	0.06	80.6	65 - 107			
Thallium	100	1.0	125	ND	81.4	47 - 100			
Vanadium	120	1.0	125	20	79.0	64 - 110			
Zinc	120	1.0	125	22	76.9	37 - 123			

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Total Metals by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0950 - EPA 3050B (continued)									
Matrix Spike Dup (B1L0950-MSD1)		**Source: 1100809-CA**		Prepared: 12/29/2011 Analyzed: 12/30/2011					
Antimony	100	2.0	125	ND	82.7	44 - 105	9.05	20	
Arsenic	110	1.0	125	2.8	86.7	57 - 103	11.3	20	
Barium	140	1.0	125	32	86.4	36 - 134	4.01	20	
Beryllium	110	1.0	125	ND	87.9	64 - 106	8.46	20	
Cadmium	110	1.0	125	ND	85.5	58 - 102	9.47	20	
Chromium	120	1.0	125	20	82.7	55 - 105	6.11	20	
Cobalt	110	1.0	125	5.6	86.3	59 - 105	8.11	20	
Copper	120	2.0	125	4.9	89.7	64 - 117	8.27	20	
Lead	120	1.0	125	2.2	90.6	46 - 116	8.90	20	
Molybdenum	110	1.0	125	ND	90.4	59 - 108	8.89	20	
Nickel	130	1.0	125	30	76.3	52 - 109	6.85	20	
Selenium	110	1.0	125	ND	85.2	56 - 100	9.04	20	
Silver	110	1.0	125	0.06	86.9	65 - 107	7.57	20	
Thallium	110	1.0	125	ND	89.7	47 - 100	9.64	20	
Vanadium	130	1.0	125	20	87.9	64 - 110	8.97	20	
Zinc	130	1.0	125	22	85.7	37 - 123	8.88	20	

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Mercury by AA (Cold Vapor) EPA 7471 - Quality Control

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0957 - EPA 7471									
Blank (B1L0957-BLK1)				Prepared: 12/31/2011 Analyzed: 12/31/2011					
Mercury	ND	0.10			NR				

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Mercury by AA (Cold Vapor) EPA 7471 - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0957 - EPA 7471 (continued)									
LCS (B1L0957-BS1)				Prepared: 12/31/2011 Analyzed: 12/31/2011					
Mercury	0.82	0.10	0.833		98.6	80 - 120			

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Mercury by AA (Cold Vapor) EPA 7471 - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0957 - EPA 7471 (continued)									
Duplicate (B1L0957-DUP1)		**Source: 1100808-10**		Prepared: 12/31/2011 Analyzed: 12/31/2011					
Mercury	0.03	0.10		0.03	NR		3.66	20	

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Mercury by AA (Cold Vapor) EPA 7471 - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0957 - EPA 7471 (continued)									
Matrix Spike (B1L0957-MS1)		**Source: 1100808-10**		Prepared: 12/31/2011 Analyzed: 12/31/2011					
Mercury	0.91	0.10	0.833	0.03	105	70 - 130			

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Mercury by AA (Cold Vapor) EPA 7471 - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0957 - EPA 7471 (continued)									
Matrix Spike Dup (B1L0957-MSD1)		**Source: 1100808-10**		Prepared: 12/31/2011 Analyzed: 12/31/2011					
Mercury	0.91	0.10	0.833	0.03	105	70 - 130	0.110	20	

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Mercury by AA (Cold Vapor) EPA 7471 - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0958 - EPA 7471									
Blank (B1L0958-BLK1)				Prepared: 12/31/2011 Analyzed: 12/31/2011					
Mercury	ND	0.10			NR				

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Mercury by AA (Cold Vapor) EPA 7471 - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0958 - EPA 7471 (continued)									
LCS (B1L0958-BS1)				Prepared: 12/31/2011 Analyzed: 12/31/2011					
Mercury	0.85	0.10	0.833		102	80 - 120			

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Mercury by AA (Cold Vapor) EPA 7471 - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0958 - EPA 7471 (continued)									
Duplicate (B1L0958-DUP1)		**Source: 1100808-20**		Prepared: 12/31/2011 Analyzed: 12/31/2011					
Mercury	0.02	0.10		0.02	NR		3.66	20	

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Mercury by AA (Cold Vapor) EPA 7471 - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0958 - EPA 7471 (continued)									
Matrix Spike (B1L0958-MS1)		**Source: 1100808-20**		Prepared: 12/31/2011 Analyzed: 12/31/2011					
Mercury	0.98	0.10	0.833	0.02	114	70 - 130			

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Mercury by AA (Cold Vapor) EPA 7471 - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0958 - EPA 7471 (continued)									
Matrix Spike Dup (B1L0958-MSD1)		**Source: 1100808-20**		Prepared: 12/31/2011 Analyzed: 12/31/2011					
Mercury	0.96	0.10	0.833	0.02	112	70 - 130	2.04	20	

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Mercury by AA (Cold Vapor) EPA 7471 - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0959 - EPA 7471									
Blank (B1L0959-BLK1)				Prepared: 12/31/2011 Analyzed: 12/31/2011					
Mercury	ND	0.10			NR				

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Mercury by AA (Cold Vapor) EPA 7471 - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0959 - EPA 7471 (continued)									
LCS (B1L0959-BS1)				Prepared: 12/31/2011 Analyzed: 12/31/2011					
Mercury	0.90	0.10	0.833		108	80 - 120			

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Mercury by AA (Cold Vapor) EPA 7471 - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0959 - EPA 7471 (continued)									
Duplicate (B1L0959-DUP1)		**Source: 1100808-30**		Prepared: 12/31/2011 Analyzed: 12/31/2011					
Mercury	0.03	0.10		0.03	NR		1.35	20	

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Mercury by AA (Cold Vapor) EPA 7471 - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0959 - EPA 7471 (continued)									
Matrix Spike (B1L0959-MS1)		**Source: 1100808-30**		Prepared: 12/31/2011 Analyzed: 12/31/2011					
Mercury	0.98	0.10	0.833	0.03	114	70 - 130			

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Mercury by AA (Cold Vapor) EPA 7471 - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0959 - EPA 7471 (continued)									
Matrix Spike Dup (B1L0959-MSD1)		**Source: 1100808-30**		Prepared: 12/31/2011 Analyzed: 12/31/2011					
Mercury	0.97	0.10	0.833	0.03	113	70 - 130	0.275	20	

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Mercury by AA (Cold Vapor) EPA 7471 - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0960 - EPA 7471									
Blank (B1L0960-BLK1)				Prepared: 12/31/2011 Analyzed: 12/31/2011					
Mercury	ND	0.10			NR				

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Mercury by AA (Cold Vapor) EPA 7471 - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0960 - EPA 7471 (continued)									
LCS (B1L0960-BS1)				Prepared: 12/31/2011 Analyzed: 12/31/2011					
Mercury	0.82	0.10	0.833		98.6	80 - 120			

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Mercury by AA (Cold Vapor) EPA 7471 - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0960 - EPA 7471 (continued)									
Duplicate (B1L0960-DUP1)		**Source: 1100808-40**		Prepared: 12/31/2011 Analyzed: 12/31/2011					
Mercury	0.01	0.10		0.01	NR		13.0	20	

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Mercury by AA (Cold Vapor) EPA 7471 - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0960 - EPA 7471 (continued)									
Matrix Spike (B1L0960-MS1)		**Source: 1100808-40**		Prepared: 12/31/2011 Analyzed: 12/31/2011					
Mercury	0.88	0.10	0.833	0.01	103	70 - 130			

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Mercury by AA (Cold Vapor) EPA 7471 - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0960 - EPA 7471 (continued)									
Matrix Spike Dup (B1L0960-MSD1)		**Source: 1100808-40**		Prepared: 12/31/2011 Analyzed: 12/31/2011					
Mercury	0.85	0.10	0.833	0.01	99.9	70 - 130	3.50	20	

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Mercury by AA (Cold Vapor) EPA 7471 - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0961 - EPA 7471									
Blank (B1L0961-BLK1)				Prepared: 12/31/2011 Analyzed: 12/31/2011					
Mercury	ND	0.10			NR				

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Mercury by AA (Cold Vapor) EPA 7471 - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0961 - EPA 7471 (continued)									
LCS (B1L0961-BS1)				Prepared: 12/31/2011 Analyzed: 12/31/2011					
Mercury	0.81	0.10	0.833		97.3	80 - 120			

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Mercury by AA (Cold Vapor) EPA 7471 - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0961 - EPA 7471 (continued)									
Duplicate (B1L0961-DUP1)		**Source: 1100808-50**		Prepared: 12/31/2011 Analyzed: 12/31/2011					
Mercury	0.03	0.10		0.03	NR		1.40	20	

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Mercury by AA (Cold Vapor) EPA 7471 - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0961 - EPA 7471 (continued)									
Matrix Spike (B1L0961-MS1)		**Source: 1100808-50**		Prepared: 12/31/2011 Analyzed: 12/31/2011					
Mercury	0.92	0.10	0.833	0.03	107	70 - 130			

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Mercury by AA (Cold Vapor) EPA 7471 - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0961 - EPA 7471 (continued)									
Matrix Spike Dup (B1L0961-MSD1)		**Source: 1100808-50**		Prepared: 12/31/2011 Analyzed: 12/31/2011					
Mercury	0.93	0.10	0.833	0.03	108	70 - 130	1.36	20	

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Mercury by AA (Cold Vapor) EPA 7471 - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0964 - EPA 7471									
Blank (B1L0964-BLK1)				Prepared: 12/31/2011 Analyzed: 12/31/2011					
Mercury	ND	0.10			NR				

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Livermore , CA 94550		Reported :	01/04/2012

Mercury by AA (Cold Vapor) EPA 7471 - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0964 - EPA 7471 (continued)									
LCS (B1L0964-BS1)				Prepared: 12/31/2011 Analyzed: 12/31/2011					
Mercury	0.87	0.10	0.833		104	80 - 120			

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Mercury by AA (Cold Vapor) EPA 7471 - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0964 - EPA 7471 (continued)									
Duplicate (B1L0964-DUP1)		**Source: 1100808-60**		Prepared: 12/31/2011 Analyzed: 12/31/2011					
Mercury	0.03	0.10		0.03	NR		2.09	20	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Mercury by AA (Cold Vapor) EPA 7471 - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0964 - EPA 7471 (continued)									
Matrix Spike (B1L0964-MS1)		**Source: 1100808-60**		Prepared: 12/31/2011 Analyzed: 12/31/2011					
Mercury	1.0	0.10	0.833	0.03	118	70 - 130			

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Mercury by AA (Cold Vapor) EPA 7471 - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0964 - EPA 7471 (continued)									
Matrix Spike Dup (B1L0964-MSD1)		**Source: 1100808-60**		Prepared: 12/31/2011 Analyzed: 12/31/2011					
Mercury	0.93	0.10	0.833	0.03	108	70 - 130	8.56	20	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Mercury by AA (Cold Vapor) EPA 7471 - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0965 - EPA 7471									
Blank (B1L0965-BLK1)				Prepared: 12/31/2011 Analyzed: 12/31/2011					
Mercury	ND	0.10			NR				

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Mercury by AA (Cold Vapor) EPA 7471 - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0965 - EPA 7471 (continued)									
LCS (B1L0965-BS1)				Prepared: 12/31/2011 Analyzed: 12/31/2011					
Mercury	0.82	0.10	0.833		98.2	80 - 120			

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Mercury by AA (Cold Vapor) EPA 7471 - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0965 - EPA 7471 (continued)									
Duplicate (B1L0965-DUP1)		**Source: 1100808-70**		Prepared: 12/31/2011 Analyzed: 12/31/2011					
Mercury	0.23	0.10		0.23	NR		0.859	20	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Mercury by AA (Cold Vapor) EPA 7471 - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0965 - EPA 7471 (continued)									
Matrix Spike (B1L0965-MS1)		**Source: 1100808-70**		Prepared: 12/31/2011 Analyzed: 12/31/2011					
Mercury	0.89	0.10	0.833	0.23	79.0	70 - 130			

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Mercury by AA (Cold Vapor) EPA 7471 - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0965 - EPA 7471 (continued)									
Matrix Spike Dup (B1L0965-MSD1)		**Source: 1100808-70**		Prepared: 12/31/2011 Analyzed: 12/31/2011					
Mercury	0.90	0.10	0.833	0.23	79.8	70 - 130	0.789	20	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Mercury by AA (Cold Vapor) EPA 7471 - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0966 - EPA 7471									
Blank (B1L0966-BLK1)				Prepared: 12/31/2011 Analyzed: 12/31/2011					
Mercury	ND	0.10			NR				

Geocon Consultants, Inc.	Project Number :	TO-16, E8560-06-16
6671 Brisa Street	Report To :	Luann Beadle
Livermore , CA 94550	Reported :	01/04/2012

Mercury by AA (Cold Vapor) EPA 7471 - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0966 - EPA 7471 (continued)									
LCS (B1L0966-BS1)				Prepared: 12/31/2011 Analyzed: 12/31/2011					
Mercury	0.83	0.10	0.833		99.6	80 - 120			

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Mercury by AA (Cold Vapor) EPA 7471 - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0966 - EPA 7471 (continued)									
Duplicate (B1L0966-DUP1)		**Source: 1100808-80**		Prepared: 12/31/2011 Analyzed: 12/31/2011					
Mercury	0.02	0.10		0.02	NR		0.487	20	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Mercury by AA (Cold Vapor) EPA 7471 - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0966 - EPA 7471 (continued)									
Matrix Spike (B1L0966-MS1)		**Source: 1100808-80**		Prepared: 12/31/2011 Analyzed: 12/31/2011					
Mercury	0.86	0.10	0.833	0.02	100	70 - 130			

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Mercury by AA (Cold Vapor) EPA 7471 - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0966 - EPA 7471 (continued)									
Matrix Spike Dup (B1L0966-MSD1)		**Source: 1100808-80**		Prepared: 12/31/2011 Analyzed: 12/31/2011					
Mercury	0.86	0.10	0.833	0.02	101	70 - 130	0.154	20	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Mercury by AA (Cold Vapor) EPA 7471 - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0967 - EPA 7471									
Blank (B1L0967-BLK1)				Prepared: 12/31/2011 Analyzed: 12/31/2011					
Mercury	ND	0.10			NR				

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Mercury by AA (Cold Vapor) EPA 7471 - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0967 - EPA 7471 (continued)									
LCS (B1L0967-BS1)				Prepared: 12/31/2011 Analyzed: 12/31/2011					
Mercury	0.86	0.10	0.833		103	80 - 120			

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Mercury by AA (Cold Vapor) EPA 7471 - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0967 - EPA 7471 (continued)									
Duplicate (B1L0967-DUP1)		**Source: 1100808-90**		Prepared: 12/31/2011 Analyzed: 12/31/2011					
Mercury	0.08	0.10		0.08	NR		1.71	20	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Mercury by AA (Cold Vapor) EPA 7471 - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0967 - EPA 7471 (continued)									
Matrix Spike (B1L0967-MS1)		**Source: 1100808-90**		Prepared: 12/31/2011 Analyzed: 12/31/2011					
Mercury	0.97	0.10	0.833	0.08	106	70 - 130			

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Mercury by AA (Cold Vapor) EPA 7471 - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0967 - EPA 7471 (continued)									
Matrix Spike Dup (B1L0967-MSD1)		**Source: 1100808-90**		Prepared: 12/31/2011 Analyzed: 12/31/2011					
Mercury	0.96	0.10	0.833	0.08	106	70 - 130	0.472	20	

Geocon Consultants, Inc.	Project Number :	TO-16, E8560-06-16
6671 Brisa Street	Report To :	Luann Beadle
Livermore , CA 94550	Reported :	01/04/2012

Mercury by AA (Cold Vapor) EPA 7471 - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0968 - EPA 7471									
Blank (B1L0968-BLK1)				Prepared: 12/31/2011 Analyzed: 12/31/2011					
Mercury	ND	0.10			NR				

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Mercury by AA (Cold Vapor) EPA 7471 - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0968 - EPA 7471 (continued)									
LCS (B1L0968-BS1)				Prepared: 12/31/2011 Analyzed: 12/31/2011					
Mercury	0.86	0.10	0.833		104	80 - 120			

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Mercury by AA (Cold Vapor) EPA 7471 - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0968 - EPA 7471 (continued)									
Duplicate (B1L0968-DUP1)		**Source: 1100808-AA**		Prepared: 12/31/2011 Analyzed: 12/31/2011					
Mercury	0.02	0.10		0.02	NR		7.40	20	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Mercury by AA (Cold Vapor) EPA 7471 - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0968 - EPA 7471 (continued)									
Matrix Spike (B1L0968-MS1)		**Source: 1100808-AA**		Prepared: 12/31/2011 Analyzed: 12/31/2011					
Mercury	0.87	0.10	0.833	0.02	102	70 - 130			

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Mercury by AA (Cold Vapor) EPA 7471 - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0968 - EPA 7471 (continued)									
Matrix Spike Dup (B1L0968-MSD1)		**Source: 1100808-AA**		Prepared: 12/31/2011 Analyzed: 12/31/2011					
Mercury	0.87	0.10	0.833	0.02	102	70 - 130	0.0749	20	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Mercury by AA (Cold Vapor) EPA 7471 - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0969 - EPA 7471									
Blank (B1L0969-BLK1)				Prepared: 12/31/2011 Analyzed: 12/31/2011					
Mercury	ND	0.10			NR				

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Mercury by AA (Cold Vapor) EPA 7471 - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0969 - EPA 7471 (continued)									
LCS (B1L0969-BS1)				Prepared: 12/31/2011 Analyzed: 12/31/2011					
Mercury	0.78	0.10	0.833		94.1	80 - 120			

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Mercury by AA (Cold Vapor) EPA 7471 - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0969 - EPA 7471 (continued)									
Duplicate (B1L0969-DUP1)		**Source: 1100808-AK**		Prepared: 12/31/2011 Analyzed: 12/31/2011					
Mercury	0.01	0.10		0.01	NR		2.31	20	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Mercury by AA (Cold Vapor) EPA 7471 - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0969 - EPA 7471 (continued)									
Matrix Spike (B1L0969-MS1)		**Source: 1100808-AK**		Prepared: 12/31/2011 Analyzed: 12/31/2011					
Mercury	0.81	0.10	0.833	0.01	95.7	70 - 130			

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Mercury by AA (Cold Vapor) EPA 7471 - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0969 - EPA 7471 (continued)									
Matrix Spike Dup (B1L0969-MSD1)		**Source: 1100808-AK**		Prepared: 12/31/2011 Analyzed: 12/31/2011					
Mercury	0.83	0.10	0.833	0.01	98.1	70 - 130	2.48	20	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Mercury by AA (Cold Vapor) EPA 7471 - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0970 - EPA 7471									
Blank (B1L0970-BLK1)				Prepared: 12/31/2011 Analyzed: 12/31/2011					
Mercury	ND	0.10			NR				

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Mercury by AA (Cold Vapor) EPA 7471 - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0970 - EPA 7471 (continued)									
LCS (B1L0970-BS1)				Prepared: 12/31/2011 Analyzed: 12/31/2011					
Mercury	0.81	0.10	0.833		96.6	80 - 120			

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Mercury by AA (Cold Vapor) EPA 7471 - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0970 - EPA 7471 (continued)									
Duplicate (B1L0970-DUP1)		**Source: 1100809-CA**		Prepared: 12/31/2011 Analyzed: 12/31/2011					
Mercury	0.03	0.10		0.03	NR		2.14	20	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Mercury by AA (Cold Vapor) EPA 7471 - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0970 - EPA 7471 (continued)									
Matrix Spike (B1L0970-MS1)		**Source: 1100809-CA**		Prepared: 12/31/2011 Analyzed: 12/31/2011					
Mercury	0.97	0.10	0.833	0.03	112	70 - 130			

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Mercury by AA (Cold Vapor) EPA 7471 - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0970 - EPA 7471 (continued)									
Matrix Spike Dup (B1L0970-MSD1)		**Source: 1100809-CA**		Prepared: 12/31/2011 Analyzed: 12/31/2011					
Mercury	0.96	0.10	0.833	0.03	111	70 - 130	1.00	20	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

pH by EPA 9045C - Quality Control

Analyte	Result (pH Units)	PQL (pH Units)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0065 - Prep_WC_1_S									
Duplicate (B2A0065-DUP1)		**Source: 1100808-90**		Prepared: 1/3/2012 Analyzed: 1/3/2012					
pH	8.9	0.10		8.9	NR		0.4	20	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

pH by EPA 9045C - Quality Control (cont'd)

Analyte	Result (pH Units)	PQL (pH Units)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0066 - Prep_WC_1_S									
Duplicate (B2A0066-DUP1)		**Source: 1100825-80**		Prepared: 1/3/2012 Analyzed: 1/3/2012					
pH	7.4	0.10		7.5	NR		1	20	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Notes and Definitions

R	RPD value outside acceptance criteria. Calculation is based on raw values.
M1	Matrix spike recovery outside of acceptance limit. The analytical batch was validated by the laboratory control sample.
ND	Analyte not detected at or above reporting limit
PQL	Practical Quantitation Limit
MDL	Method Detection Limit
NR	Not Reported
RPD	Relative Percent Difference
CA1	CA-NELAP (CDPH)
CA2	CA-ELAP (CDPH)
OR1	OR-NELAP (OSPHL)
TX1	TX-NELAP (TCEQ)

CHAIN OF CUSTODY RECORD

Advanced Technology Laboratories
3275 Walnut Avenue
Signal Hill, CA 90755
(562) 989-4045 • Fax (562) 989-4040

FOR LABORATORY USE ONLY:

P.O.#:

Logged By: Date: 12/24/11

Method of Transport: Client ☐ ATL ☐ CA OverN ☐ FEDEX ☐ Other: GSO

Sample Condition Upon Receipt: ICE 2.4 4.2
1. CHILLED Y☑ N☐ 4. SEALED Y☐ N☐
2. HEADSPACE (VOA) Y☐ N☐ 5. # OF SPLS MATCH COC Y☐ N☐
3. CONTAINER INTACT Y☐ N☐ 6. PRESERVED Y☐ N☐

Client: GEOCON CONSULTANTS, INC.
Attn: L. BEADLE
Address: 6671 Brisa Street
City: Livermore State: CA Zip Code: 94550
TEL: (925) 371-5900
FAX: (925) 371-5915

Project Name: TO-16 Project #: E8560-06-16 Sampler: (Printed Name) CM/DW (Signature) C. MERRITT

Relinquished by: (Signature and Printed Name) CHRIS MERRITT Date: 12-23-11 Time: 1830 Received by: (Signature and Printed Name) Mary Date: 12/24/11 Time: 8:40
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:

I hereby authorize ATL to perform the work indicated below:
Project Mgr / Submitter: D. WATTS
Print Name Date
Signature

Send Report To:
Attn:
Co: SAME AS ABOVE
Address
City State Zip

Bill To:
Attn:
Co: SAME AS ABOVE
Address
City State Zip

Special Instructions/Comments:
10% OF ALL Pb + CAM 17 SAMPLES TO BE ANALYZED FOR pH. (LAB-RANDOM)
DO NOT COMPOSITE SAMPLE SETS

Sample/Records - Archival & Disposal
Unless otherwise requested by client, all samples will be disposed 45 days after receipt and records will be disposed 1 year after submittal of final report.

Storage Fees (applies when storage is requested):
- Sample : $2.00 / sample / mo (after 45 days)
- Records : $1.00 / ATL workorder / mo (after 1 year)

Circle or Add Analysis(es) Requested: 8081A (Pesticides), 8082 (PCB), 8260B (Volatiles), 8270C (BNA), 6010B (Total Metal), 8015B (GRO) / BTEX, 8015B (DRO), 8021 (BTEX), TITLE 22 / CAM 17 (6010 / 7000)

SPECIFY APPROPRIATE MATRIX: SOIL, WATER, GROUND WATER, WASTEWATER

QA/QC: RTNE ☐ CT ☒ SWRCB ☐ Logcode ____ OTHER ____

ITEM	LAB USE ONLY: Batch #: / Lab No.	Sample Description: Sample I.D. / Location	Date	Time	8081A (Pesticides)	8082 (PCB)	8260B (Volatiles)	8270C (BNA)	6010B (Total Metal)	8015B (GRO) / BTEX	8015B (DRO)	8021 (BTEX)	TITLE 22 / CAM 17 (6010 / 7000)	SOIL	WATER	GROUND WATER	WASTEWATER	TAT	Container(s) #	Container(s) Type	PRESERVATION	REMARKS
	1100808-01/04	G435-0,.5,1.5,2.5	12-23-11	0845									X	X				5-Day	1	P B	C	
	-05/08	G436-0,.5,1.5,2.5		0910																		
	-09/12	G437-0,.5,1.5,2.5		0915																		
	-13/16	G438-0,.5,1.5,2.5		0920																		
	-17/20	G439-0,.5,1.5,2.5		0925																		
	-21/24	G440-0,.5,1.5,2.5		0930																		
	-25/28	G441-0,.5,1.5,2.5		0935																		
	-29/32	G442-0,.5,1.5,2.5		0940																		
	-33/36	G443-0,.5,1.5,2.5		0945																		
	-37/40	G444-0,.5,1.5,2.5		0950																		

• TAT starts 8 a.m. following day if samples received after 3 p.m.

TAT: A= Overnight ≤ 24 hr B= Emergency Next workday C= Critical 2 Workdays D= Urgent 3 Workdays E= Routine 7 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=Hcl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

DISTRIBUTION: White with report Yellow to folder Pink to submitter

CHAIN OF CUSTODY RECORD

Advanced Technology Laboratories
3275 Walnut Avenue
Signal Hill, CA 90755
(562) 989-4045 • Fax (562) 989-4040

FOR LABORATORY USE ONLY:

P.O.#: _____

Logged By: _____ Date: _____

Method of Transport: Client ☐ ATL ☐ CA OverN ☐ FEDEX ☐ Other: _____

Sample Condition Upon Receipt:
1. CHILLED Y☐ N☐ 4. SEALED Y☐ N☐
2. HEADSPACE (VOA) Y☐ N☐ 5. # OF SPLS MATCH COC Y☐ N☐
3. CONTAINER INTACT Y☐ N☐ 6. PRESERVED Y☐ N☐

Client: GEOCON CONSULTANTS, INC.
Attn: L. BEADLE
Address: 6671 Brisa Street
City: Livermore State: CA Zip Code: 94550
TEL: (925) 371-5900
FAX: (925) 371-5915

Project Name: TO-16 Project #: E8560-06-16 Sampler: (Printed Name) CM/DW (Signature) C. MERRITT

Relinquished by: (Signature and Printed Name) CHRIS MERRITT Date: 12-23-11 Time: 1830 Received by: (Signature and Printed Name) [illegible] Date: 12/24/11 Time: 840

Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:

Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:

I hereby authorize ATL to perform the work indicated below:
Project Mgr (Submitter)
D. WATTS
Print Name Date
Signature

Send Report To:
Attn: _____
Co: SAME AS ABOVE
Address _____
City _____ State _____ Zip _____

Bill To:
Attn: _____
Co: SAME AS ABOVE
Address _____
City _____ State _____ Zip _____

Special Instructions/Comments:

Sample/Records - Archival & Disposal
Unless otherwise requested by client, all samples will be disposed 45 days after receipt and records will be disposed 1 year after submittal of final report.

Storage Fees (applies when storage is requested):
- Sample : $2.00 / sample / mo (after 45 days)
- Records : $1.00 / ATL workorder / mo (after 1 year)

Circle or Add Analysis(es) Requested: 8081A (Pesticides), 8082 (PCB), 8260B (Volatiles), 8270C (BNA), 6010B (Total Metal), 8015B (GRO) / BTEX, 8015B (DRO), 8021 (BTEX), TITLE 22 / CAM 17 (6010 / 7000)

SPECIFY APPROPRIATE MATRIX: SOIL, WATER, GROUND WATER, WASTEWATER

Q A / Q C: RTNE ☐ CT ☒ SWRCB ☐ Logcode ____ OTHER ____

ITEM	LAB USE ONLY: Batch #: / Lab No.	Sample Description: Sample I.D. / Location	Date	Time	8081A (Pesticides)	8082 (PCB)	8260B (Volatiles)	8270C (BNA)	6010B (Total Metal)	8015B (GRO) / BTEX	8015B (DRO)	8021 (BTEX)	TITLE 22 / CAM 17 (6010 / 7000)	SOIL	WATER	GROUND WATER	WASTEWATER	TAT	Container(s) #	Container(s) Type	PRESERVATION	REMARKS
	1100808-41/44	G445-0, .5, 1.5, 2.5	12-23-11	0955								X		X				5-Day	1	Bg	P	C
	-45/48	G446-0, .5, 1.5, 2.5		1005																		
	-49/52	G447-0, .5, 1.5, 2.5		1010																		
	-53/56	G448-0, .5, 1.5, 2.5		1015																		
	-57/60	G449-0, .5, 1.5, 2.5		1020																		
	-61/64	G450-0, .5, 1.5, 2.5		1025																		
	-65/68	G451-0, .5, 1.5, 2.5		1030																		
	-69/72	G452-0, .5, 1.5, 2.5		1035																		
	-73/76	G453-0, .5, 1.5, 2.5		1040																		
	-77/80	G454-0, .5, 1.5, 2.5		1045																		

• TAT starts 8 a.m. following day if samples received after 3 p.m.

TAT: A= Overnight ≤ 24 hr B= Emergency Next workday C= Critical 2 Workdays D= Urgent 3 Workdays E= Routine 7 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=Hcl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

DISTRIBUTION: White with report Yellow to folder Pink to submitter

CHAIN OF CUSTODY RECORD

Advanced Technology Laboratories
3275 Walnut Avenue
Signal Hill, CA 90755
(562) 989-4045 • Fax (562) 989-4040

FOR LABORATORY USE ONLY:

P.O.#: _____

Logged By: _____ Date: _____

Method of Transport: Client ☐ ATL ☐ CA OverN ☐ FEDEX ☐ Other: _____

Sample Condition Upon Receipt:
1. CHILLED Y☐ N☐ 4. SEALED Y☐ N☐
2. HEADSPACE (VOA) Y☐ N☐ 5. # OF SPLS MATCH COC Y☐ N☐
3. CONTAINER INTACT Y☐ N☐ 6. PRESERVED Y☐ N☐

Client: GEOCON CONSULTANTS, INC.
Attn: L. BEADLE
Address: 6671 Brisa Street
City: Livermore State: CA Zip Code: 94550
TEL: (925) 371-5900
FAX: (925) 371-5915

Project Name: TO-16 Project #: E8560-06-16 Sampler: (Printed Name) CM/DW (Signature) C. MERRITT

Relinquished by: (Signature and Printed Name) CHRIS MERRITT Date: 12-23-11 Time: 1830 Received by: (Signature and Printed Name) Margo Date: 12/24/11 Time: 840

Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:

Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:

I hereby authorize ATL to perform the work indicated below:
Project Mgr/Submitter: D. WATTS
Print Name Date
Signature

Send Report To:
Attn: _____
Co: SAME AS ABOVE
Address _____
City _____ State _____ Zip _____

Bill To:
Attn: _____
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Address _____
City _____ State _____ Zip _____

Special Instructions/Comments:

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SPECIFY APPROPRIATE MATRIX: SOIL, WATER, GROUND WATER, WASTEWATER

QA/QC: RTNE ☐ CT ☒ SWRCB ☐ Logcode ____ OTHER ____

ITEM	LAB USE ONLY: Batch #: / Lab No.	Sample Description: Sample I.D. / Location	Date	Time	8081A (Pesticides)	8082 (PCB)	8260B (Volatiles)	8270C (BNA)	6010B (Total Metal)	8015B (GRO) / BTEX	8015B (DRO)	8021 (BTEX)	TITLE 22 / CAM 17 (6010 / 7000)	SOIL	WATER	GROUND WATER	WASTEWATER	TAT	Container(s) #	Container(s) Type	PRESERVATION	REMARKS
	1108808 - 81/84	G455-0, .5, 1.5, 2.5	12-23-11	1050									X	X				5-Day		Bg P C		
	85/88	G456-0, .5, 1.5, 2.5		1100																		
	89/92	G457-0, .5, 1.5, 2.5		1110																		
	93/96	G458-0, .5, 1.5, 2.5		1130																		
	97/AA	G459-0, .5, 1.5, 2.5		1145																		
	AB/AE	G460-0, .5, 1.5, 2.5		1150																		
	AF/AI	G461-0, .5, 1.5, 2.5																				
	AJ/AM	G462-0, .5, 1.5, 2.5																				
		~~G463~~																				
		~~G464~~																				

• TAT starts 8 a.m. following day if samples received after 3 p.m.

TAT: A= Overnight ≤ 24 hr B= Emergency Next workday C= Critical 2 Workdays D= Urgent 3 Workdays E= Routine 7 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=Hcl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

DISTRIBUTION: White with report Yellow to folder Pink to submitter

Diane Galvan

From: Luann Beadle [beadle@geoconinc.com]
Sent: Tuesday, December 27, 2011 11:26 AM
To: Diane Galvan
Subject: E8560-06-16 SOL-80-FPI

Hi Diane,
I received a call from Margo regarding soil samples G461-0.5, -1.5, -2.5 and G462-0.5, -1.5, and 2.5 which arrived at your lab Saturday without requested analyses. Please run the samples for CAM 17 Metals (EPA Test Method 6010).
Thank you,
Luann

Luann Beadle | *Senior Staff Scientist*
Geocon Consultants, Inc.
6671 Brisa Street, Livermore, California 94550
Tel 925.371.5900 Fax 925.371.5915
www.geoconinc.com

ADVANCED TECHNOLOGY LABORATORIES

January 09, 2012

ELAP No.: 1838
NELAP No.: 02107CA
CSDLAC No.: 10196
ORELAP No.: CA300003

Luann Beadle
Geocon Consultants, Inc.
6671 Brisa Street
Livermore, CA 94550
Tel: (925) 371-5900
Fax:(925) 371-5915

Re: ATL Work Order Number : 1100808
Client Reference : TO-16, E8560-06-16

Enclosed are the results for sample(s) received on December 24, 2011 by Advanced Technology Laboratories. The sample(s) are tested for the parameters as indicated on the enclosed chain of custody in accordance with applicable laboratory certifications. The laboratory results contained in this report specifically pertains to the sample(s) submitted.

Thank you for the opportunity to serve the needs of your company. If you have any questions, please feel free to contact me or your Project Manager.

Sincerely,

Eddie Rodriguez
Laboratory Director

The cover letter and the case narrative are an integral part of this analytical report and its absence renders the report invalid. The report cannot be reproduced without written permission from the client and Advanced Technology Laboratories.

Geocon Consultants, Inc.	Project Number : TO-16, E8560-06-16
6671 Brisa Street	Report To : Luann Beadle
Livermore , CA 94550	Reported : 01/09/2012

SUMMARY OF SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
G446-.5	1100808-46	Soil	12/23/11 10:05	12/24/11 8:40
G447-0	1100808-49	Soil	12/23/11 10:10	12/24/11 8:40
G448-.5	1100808-54	Soil	12/23/11 10:15	12/24/11 8:40
G449-.5	1100808-58	Soil	12/23/11 10:20	12/24/11 8:40
G451-1.5	1100808-67	Soil	12/23/11 10:30	12/24/11 8:40
G452-0	1100808-69	Soil	12/23/11 10:35	12/24/11 8:40
G452-.5	1100808-70	Soil	12/23/11 10:35	12/24/11 8:40
G452-1.5	1100808-71	Soil	12/23/11 10:35	12/24/11 8:40
G457-0	1100808-89	Soil	12/23/11 11:10	12/24/11 8:40
G457-.5	1100808-90	Soil	12/23/11 11:10	12/24/11 8:40
G457-1.5	1100808-91	Soil	12/23/11 11:10	12/24/11 8:40
G458-0	1100808-93	Soil	12/23/11 11:30	12/24/11 8:40
G460-0	1100808-AB	Soil	12/23/11 11:50	12/24/11 8:40
G461-0	1100808-AF	Soil	12/23/11 0:00	12/24/11 8:40

CASE NARRATIVE

Analytical Comments for WET / EPA 6010B

Dilution was necessary for samples 1100808-46, 1100808-49, 1100808-54, 1100808-58, 1100808-67, 1100808-69, 1100808-70, 1100808-89, 1100808-90, 1100808-91, and 1100808-93 possibly due to sample matrix.

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/09/2012

Client Sample ID G446-.5

Lab ID: 1100808-46

STLC Metals by ICP-AES by EPA 6010B **Analyst: KK**

Analyte	Result (mg/L)	PQL (mg/L)	MDL (mg/L)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Chromium	ND	1.0	NA	20	B2A0205	01/06/2012	01/09/12 10:30	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/09/2012

Client Sample ID G447-0

Lab ID: 1100808-49

STLC Metals by ICP-AES by EPA 6010B **Analyst: KK**

Analyte	Result (mg/L)	PQL (mg/L)	MDL (mg/L)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Chromium	ND	1.0	NA	20	B2A0205	01/06/2012	01/09/12 10:33	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/09/2012

Client Sample ID G448-.5
Lab ID: 1100808-54

STLC Metals by ICP-AES by EPA 6010B **Analyst: KK**

Analyte	Result (mg/L)	PQL (mg/L)	MDL (mg/L)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Chromium	ND	1.0	NA	20	B2A0205	01/06/2012	01/09/12 10:36	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/09/2012

Client Sample ID G449-.5
Lab ID: 1100808-58

STLC Metals by ICP-AES by EPA 6010B **Analyst: KK**

Analyte	Result (mg/L)	PQL (mg/L)	MDL (mg/L)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Chromium	ND	1.0	NA	20	B2A0205	01/06/2012	01/09/12 10:40	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/09/2012

Client Sample ID G451-1.5
Lab ID: 1100808-67

STLC Metals by ICP-AES by EPA 6010B **Analyst: KK**

Analyte	Result (mg/L)	PQL (mg/L)	MDL (mg/L)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Chromium	ND	1.0	NA	20	B2A0205	01/06/2012	01/09/12 10:43	
Lead	ND	1.0	NA	20	B2A0205	01/06/2012	01/09/12 10:43	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/09/2012

Client Sample ID G452-0
Lab ID: 1100808-69

STLC Metals by ICP-AES by EPA 6010B **Analyst: KK**

Analyte	Result (mg/L)	PQL (mg/L)	MDL (mg/L)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Chromium	ND	1.0	NA	20	B2A0205	01/06/2012	01/09/12 10:46	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/09/2012

Client Sample ID G452-.5
Lab ID: 1100808-70

STLC Metals by ICP-AES by EPA 6010B **Analyst: KK**

Analyte	Result (mg/L)	PQL (mg/L)	MDL (mg/L)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Chromium	ND	1.0	NA	20	B2A0205	01/06/2012	01/09/12 10:57	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/09/2012

Client Sample ID G452-1.5
Lab ID: 1100808-71

STLC Metals by ICP-AES by EPA 6010B **Analyst: KK**

Analyte	Result (mg/L)	PQL (mg/L)	MDL (mg/L)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Chromium	ND	1.0	NA	20	B2A0205	01/06/2012	01/09/12 11:00	
Nickel	**2.5**	1.0	NA	20	B2A0205	01/06/2012	01/09/12 11:00	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/09/2012

Client Sample ID G457-0

Lab ID: 1100808-89

STLC Metals by ICP-AES by EPA 6010B **Analyst: KK**

Analyte	Result (mg/L)	PQL (mg/L)	MDL (mg/L)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Chromium	ND	1.0	NA	20	B2A0205	01/06/2012	01/09/12 11:03	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/09/2012

Client Sample ID G457-.5

Lab ID: 1100808-90

STLC Metals by ICP-AES by EPA 6010B **Analyst: KK**

Analyte	Result (mg/L)	PQL (mg/L)	MDL (mg/L)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Chromium	ND	1.0	NA	20	B2A0205	01/06/2012	01/09/12 11:13	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/09/2012

Client Sample ID G457-1.5

Lab ID: 1100808-91

STLC Metals by ICP-AES by EPA 6010B **Analyst: KK**

Analyte	Result (mg/L)	PQL (mg/L)	MDL (mg/L)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Chromium	ND	1.0	NA	20	B2A0205	01/06/2012	01/09/12 11:17	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/09/2012

Client Sample ID G458-0

Lab ID: 1100808-93

STLC Metals by ICP-AES by EPA 6010B **Analyst: KK**

Analyte	Result (mg/L)	PQL (mg/L)	MDL (mg/L)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Chromium	ND	1.0	NA	20	B2A0205	01/06/2012	01/09/12 11:20	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/09/2012

Client Sample ID G460-0
Lab ID: 1100808-AB

STLC Metals by ICP-AES by EPA 6010B **Analyst: KK**

Analyte	Result (mg/L)	PQL (mg/L)	MDL (mg/L)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**1.2**	1.0	NA	20	B2A0205	01/06/2012	01/09/12 11:23	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/09/2012

Client Sample ID G461-0
Lab ID: 1100808-AF

STLC Metals by ICP-AES by EPA 6010B **Analyst: KK**

Analyte	Result (mg/L)	PQL (mg/L)	MDL (mg/L)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**1.1**	1.0	NA	20	B2A0205	01/06/2012	01/09/12 11:27	

Geocon Consultants, Inc.	Project Number : TO-16, E8560-06-16
6671 Brisa Street	Report To : Luann Beadle
Livermore , CA 94550	Reported : 01/09/2012

QUALITY CONTROL SECTION

STLC Metals by ICP-AES by EPA 6010B - Quality Control

Analyte	Result (mg/L)	PQL (mg/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0205 - STLC Extraction									
Blank (B2A0205-BLK1)					Prepared: 1/6/2012 Analyzed: 1/9/2012				
Chromium	ND	1.0			NR				
Lead	ND	1.0			NR				
Nickel	ND	1.0			NR				
Blank (B2A0205-BLK2)					Prepared: 1/6/2012 Analyzed: 1/9/2012				
Chromium	ND	1.0			NR				
Lead	ND	1.0			NR				
Nickel	ND	1.0			NR				
LCS (B2A0205-BS1)					Prepared: 1/6/2012 Analyzed: 1/9/2012				
Chromium	1.9	0.10	2.00		93.5	85 - 115			
Lead	2.0	0.10	2.00		97.5	85 - 115			
Nickel	1.9	0.10	2.00		95.3	85 - 115			
Duplicate (B2A0205-DUP1)		**Source: 1100808-89**			Prepared: 1/6/2012 Analyzed: 1/9/2012				
Chromium	0.33	1.0		0.39	NR		18.4	20	
Lead	0.09	1.0		0.15	NR		47.5	20	R
Nickel	0.29	1.0		0.33	NR		13.3	20	
Duplicate (B2A0205-DUP2)		**Source: 1100809-CC**			Prepared: 1/6/2012 Analyzed: 1/9/2012				
Chromium	0.23	1.0		0.21	NR		10.0	20	
Lead	2.7	1.0		11	NR		124	20	R
Nickel	1.6	1.0		1.9	NR		16.9	20	
Matrix Spike (B2A0205-MS1)		**Source: 1100809-CC**			Prepared: 1/6/2012 Analyzed: 1/9/2012				
Chromium	2.6	0.10	2.50	0.21	94.9	74 - 103			
Lead	13	0.10	2.50	11	55.9	33 - 131			
Nickel	4.1	0.10	2.50	1.9	88.5	71 - 105			
Matrix Spike (B2A0205-MS2)		**Source: 1100808-89**			Prepared: 1/6/2012 Analyzed: 1/9/2012				
Chromium	2.5	0.10	2.50	0.39	85.1	74 - 103			
Lead	2.3	0.10	2.50	0.15	86.3	33 - 131			
Nickel	2.3	0.10	2.50	0.33	80.7	71 - 105			
Matrix Spike Dup (B2A0205-MSD1)		**Source: 1100809-CC**			Prepared: 1/6/2012 Analyzed: 1/9/2012				
Chromium	2.6	0.10	2.50	0.21	95.4	74 - 103	0.460	20	
Lead	13	0.10	2.50	11	60.7	33 - 131	0.931	20	
Nickel	4.1	0.10	2.50	1.9	90.0	71 - 105	0.894	20	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/09/2012

Notes and Definitions

R	RPD value outside acceptance criteria. Calculation is based on raw values.
ND	Analyte not detected at or above reporting limit
PQL	Practical Quantitation Limit
MDL	Method Detection Limit
NR	Not Reported
RPD	Relative Percent Difference

Diane Galvan

From: Luann Beadle [beadle@geoconinc.com]
Sent: Thursday, January 05, 2012 3:47 PM
To: Diane Galvan
Subject: E8560-06-16 SOL-80 FPI (Lab Order 1100808)

Hi Diane,
Please run the following samples for WET metals as detailed below. We are aware the 48-HR TAT does not include extraction (an additional day).
Thank you,
Luann
-----Original Message-----
From: Rowena Hollis [mailto:rowena_hollis@dot.ca.gov]
Sent: Thursday, January 05, 2012 3:50 PM
To: Luann Beadle
Cc: Chris Wilson
Subject: TO-16 Lab Results 1100808 - Run Soluble Metals

Hi Luann,

Please process on a 48-hr TAT as indicated on task order cost estimate,

Run soluble metals for the following:

File 1100808.xls
WET:

Sample Name	Lab Sample ID	Analyte
G446-.5	1100808-46	Chromium
G448-.5	1100808-54	Chromium
G449-.5	1100808-58	Chromium
G457-0	1100808-89	Chromium
G457-.5	1100808-90	Chromium
G452-0	1100808-69	Chromium
G447-0	1100808-49	Chromium
G457-1.5	1100808-91	Chromium
G458-0	1100808-93	Chromium
G452-.5	1100808-70	Chromium
G452-1.5	1100808-71	Chromium
G451-1.5	1100808-67	Chromium

G461-0	1100808-AF	Lead
G460-0	1100808-AB	Lead
G451-1.5	1100808-67	Lead

G452-1.5	1100808-71	Nickel

Thank you,

Rowena Hollis
Transportation Engineer

Office of Environmental Engineering
111 Grand Avenue, MS 8C
Oakland, CA 94612
(510) 286-5540

Luann Beadle
<beadle@geoconinc
.com>

01/05/2012 01:49
PM

To
<rowena.hollis@dot.ca.gov>
cc

Subject
TO-16 Lab Results

Hi Rowena,
I got your email regarding WET analyses and will send in the request.
Attached is an additional lab order that you haven't yet received. When you have a moment, take a look through it and let me know what you'd like ordered from it as well. I tried calling a moment ago, but you were apparently occupied. What TAT would you like me to request? The fastest the lab can perform WET analysis is 3 days, but I'll warn you in advance that it has been taking longer lately due to the work load/holidays. I'm hoping they'll be able to catch up soon.
Thank you,
Luann

(Embedded image moved to file: pic29605.jpg)Luann Beadle | Senior Staff Scientist Geocon Consultants, Inc.
6671 Brisa Street, Livermore, California 94550
Tel 925.371.5900 Fax 925.371.5915
www.geoconinc.com
[attachment "image001.jpg" deleted by Rowena Hollis/D04/Caltrans/CAGov] [attachment "1100808.xls" deleted by Rowena Hollis/D04/Caltrans/CAGov]

ADVANCED TECHNOLOGY LABORATORIES

January 04, 2012

ELAP No.: 1838
NELAP No.: 02107CA
CSDLAC No.: 10196
ORELAP No.: CA300003

Luann Beadle
Geocon Consultants, Inc.
6671 Brisa Street
Livermore, CA 94550
Tel: (925) 371-5900
Fax:(925) 371-5915

Re: ATL Work Order Number : 1100809
Client Reference : TO-16, E8560-06-16

Enclosed are the results for sample(s) received on December 24, 2011 by Advanced Technology Laboratories. The sample(s) are tested for the parameters as indicated on the enclosed chain of custody in accordance with applicable laboratory certifications. The laboratory results contained in this report specifically pertains to the sample(s) submitted.

Thank you for the opportunity to serve the needs of your company. If you have any questions, please feel free to contact me or your Project Manager.

Sincerely,

Eddie Rodriguez
Laboratory Director

The cover letter and the case narrative are an integral part of this analytical report and its absence renders the report invalid. The report cannot be reproduced without written permission from the client and Advanced Technology Laboratories.

3275 Walnut Avenue, Signal Hill, CA 90755 • Tel: 562-989-4045 • Fax: 562-989-4040
www.atlglobal.com

Geocon Consultants, Inc.	Project Number : TO-16, E8560-06-16
6671 Brisa Street	Report To : Luann Beadle
Livermore , CA 94550	Reported : 01/04/2012

SUMMARY OF SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
G343-0	1100809-01	Soil	12/22/11 9:05	12/24/11 8:40
G343-0.5	1100809-02	Soil	12/22/11 9:06	12/24/11 8:40
G343-1.5	1100809-03	Soil	12/22/11 9:07	12/24/11 8:40
G343-2.5	1100809-04	Soil	12/22/11 9:08	12/24/11 8:40
G344-0	1100809-05	Soil	12/22/11 9:25	12/24/11 8:40
G344-0.5	1100809-06	Soil	12/22/11 9:26	12/24/11 8:40
G344-1.5	1100809-07	Soil	12/22/11 9:27	12/24/11 8:40
G344-2.5	1100809-08	Soil	12/22/11 9:28	12/24/11 8:40
G345-0	1100809-09	Soil	12/22/11 9:35	12/24/11 8:40
G345-0.5	1100809-10	Soil	12/22/11 9:36	12/24/11 8:40
G345-1.5	1100809-11	Soil	12/22/11 9:37	12/24/11 8:40
G345-2.5	1100809-12	Soil	12/22/11 9:38	12/24/11 8:40
G346-0	1100809-13	Soil	12/22/11 9:55	12/24/11 8:40
G346-0.5	1100809-14	Soil	12/22/11 9:56	12/24/11 8:40
G346-1.5	1100809-15	Soil	12/22/11 9:57	12/24/11 8:40
G346-2.5	1100809-16	Soil	12/22/11 9:58	12/24/11 8:40
G347-0	1100809-17	Soil	12/22/11 10:07	12/24/11 8:40
G347-0.5	1100809-18	Soil	12/22/11 10:08	12/24/11 8:40
G347-1.5	1100809-19	Soil	12/22/11 10:09	12/24/11 8:40
G347-2.5	1100809-20	Soil	12/22/11 10:10	12/24/11 8:40
G348-0	1100809-21	Soil	12/22/11 10:15	12/24/11 8:40
G348-0.5	1100809-22	Soil	12/22/11 10:16	12/24/11 8:40
G348-1.5	1100809-23	Soil	12/22/11 10:17	12/24/11 8:40
G348-2.5	1100809-24	Soil	12/22/11 10:18	12/24/11 8:40
G349-0	1100809-25	Soil	12/22/11 10:20	12/24/11 8:40
G349-0.5	1100809-26	Soil	12/22/11 10:21	12/24/11 8:40
G349-1.5	1100809-27	Soil	12/22/11 10:22	12/24/11 8:40
G349-2.5	1100809-28	Soil	12/22/11 10:23	12/24/11 8:40
G350-0	1100809-29	Soil	12/22/11 10:30	12/24/11 8:40
G350-0.5	1100809-30	Soil	12/22/11 10:31	12/24/11 8:40
G350-1.5	1100809-31	Soil	12/22/11 10:32	12/24/11 8:40
G350-2.5	1100809-32	Soil	12/22/11 10:33	12/24/11 8:40
G351-0	1100809-33	Soil	12/22/11 10:40	12/24/11 8:40
G351-0.5	1100809-34	Soil	12/22/11 10:41	12/24/11 8:40
G351-1.5	1100809-35	Soil	12/22/11 10:42	12/24/11 8:40

G351-2.5	1100809-36	Soil	12/22/11 10:43	12/24/11 8:40
G352-0	1100809-37	Soil	12/22/11 10:50	12/24/11 8:40
G352-0.5	1100809-38	Soil	12/22/11 10:51	12/24/11 8:40
G352-1.5	1100809-39	Soil	12/22/11 10:52	12/24/11 8:40
G352-2.5	1100809-40	Soil	12/22/11 10:53	12/24/11 8:40
G353-0	1100809-41	Soil	12/22/11 11:00	12/24/11 8:40
G353-0.5	1100809-42	Soil	12/22/11 11:01	12/24/11 8:40
G353-1.5	1100809-43	Soil	12/22/11 11:02	12/24/11 8:40
G353-2.5	1100809-44	Soil	12/22/11 11:03	12/24/11 8:40
G354-0	1100809-45	Soil	12/22/11 11:10	12/24/11 8:40
G354-0.5	1100809-46	Soil	12/22/11 11:11	12/24/11 8:40
G354-1.5	1100809-47	Soil	12/22/11 11:12	12/24/11 8:40
G354-2.5	1100809-48	Soil	12/22/11 11:13	12/24/11 8:40
G355-0	1100809-49	Soil	12/22/11 11:20	12/24/11 8:40
G355-0.5	1100809-50	Soil	12/22/11 11:21	12/24/11 8:40
G355-1.5	1100809-51	Soil	12/22/11 11:22	12/24/11 8:40
G355-2.5	1100809-52	Soil	12/22/11 11:23	12/24/11 8:40
G356-0	1100809-53	Soil	12/22/11 11:25	12/24/11 8:40
G356-0.5	1100809-54	Soil	12/22/11 11:26	12/24/11 8:40
G356-1.5	1100809-55	Soil	12/22/11 11:27	12/24/11 8:40
G356-2.5	1100809-56	Soil	12/22/11 11:28	12/24/11 8:40
G357-0	1100809-57	Soil	12/22/11 11:32	12/24/11 8:40
G357-0.5	1100809-58	Soil	12/22/11 11:33	12/24/11 8:40
G357-1.5	1100809-59	Soil	12/22/11 11:34	12/24/11 8:40
G357-2.5	1100809-60	Soil	12/22/11 11:35	12/24/11 8:40
G358-0	1100809-61	Soil	12/22/11 11:50	12/24/11 8:40
G358-0.5	1100809-62	Soil	12/22/11 11:51	12/24/11 8:40
G358-1.5	1100809-63	Soil	12/22/11 11:52	12/24/11 8:40
G358-2.5	1100809-64	Soil	12/22/11 11:53	12/24/11 8:40
G359-0	1100809-65	Soil	12/22/11 11:55	12/24/11 8:40
G359-0.5	1100809-66	Soil	12/22/11 11:56	12/24/11 8:40
G359-1.5	1100809-67	Soil	12/22/11 11:57	12/24/11 8:40
G359-2.5	1100809-68	Soil	12/22/11 11:58	12/24/11 8:40
G360-0	1100809-69	Soil	12/22/11 12:00	12/24/11 8:40
G360-0.5	1100809-70	Soil	12/22/11 12:01	12/24/11 8:40
G360-1.5	1100809-71	Soil	12/22/11 12:02	12/24/11 8:40
G360-2.5	1100809-72	Soil	12/22/11 12:03	12/24/11 8:40
G361-0	1100809-73	Soil	12/22/11 12:08	12/24/11 8:40
G361-0.5	1100809-74	Soil	12/22/11 12:09	12/24/11 8:40

G361-1.5	1100809-75	Soil	12/22/11 12:10	12/24/11 8:40
G361-2.5	1100809-76	Soil	12/22/11 12:11	12/24/11 8:40
G363-0	1100809-77	Soil	12/22/11 12:16	12/24/11 8:40
G363-0.5	1100809-78	Soil	12/22/11 12:17	12/24/11 8:40
G363-1.5	1100809-79	Soil	12/22/11 12:18	12/24/11 8:40
G363-2.5	1100809-80	Soil	12/22/11 12:19	12/24/11 8:40
G364-0	1100809-81	Soil	12/22/11 12:21	12/24/11 8:40
G364-0.5	1100809-82	Soil	12/22/11 12:22	12/24/11 8:40
G364-1.5	1100809-83	Soil	12/22/11 12:23	12/24/11 8:40
G364-2.5	1100809-84	Soil	12/22/11 12:24	12/24/11 8:40
G365-0	1100809-85	Soil	12/22/11 12:26	12/24/11 8:40
G365-0.5	1100809-86	Soil	12/22/11 12:27	12/24/11 8:40
G365-1.5	1100809-87	Soil	12/22/11 12:28	12/24/11 8:40
G365-2.5	1100809-88	Soil	12/22/11 12:29	12/24/11 8:40
G368-0	1100809-89	Soil	12/22/11 12:35	12/24/11 8:40
G368-0.5	1100809-90	Soil	12/22/11 12:36	12/24/11 8:40
G368-1.5	1100809-91	Soil	12/22/11 12:37	12/24/11 8:40
G368-2.5	1100809-92	Soil	12/22/11 12:38	12/24/11 8:40
G369-0	1100809-93	Soil	12/22/11 12:45	12/24/11 8:40
G369-0.5	1100809-94	Soil	12/22/11 12:46	12/24/11 8:40
G369-1.5	1100809-95	Soil	12/22/11 12:47	12/24/11 8:40
G369-2.5	1100809-96	Soil	12/22/11 12:48	12/24/11 8:40
G371-0	1100809-97	Soil	12/22/11 13:00	12/24/11 8:40
G371-0.5	1100809-98	Soil	12/22/11 13:01	12/24/11 8:40
G371-1.5	1100809-99	Soil	12/22/11 13:02	12/24/11 8:40
G371-2.5	1100809-AA	Soil	12/22/11 13:03	12/24/11 8:40
G372-0	1100809-AB	Soil	12/22/11 13:06	12/24/11 8:40
G372-0.5	1100809-AC	Soil	12/22/11 13:07	12/24/11 8:40
G372-1.5	1100809-AD	Soil	12/22/11 13:08	12/24/11 8:40
G372-2.5	1100809-AE	Soil	12/22/11 13:09	12/24/11 8:40
G373-0	1100809-AF	Soil	12/22/11 13:15	12/24/11 8:40
G373-0.5	1100809-AG	Soil	12/22/11 13:16	12/24/11 8:40
G373-1.5	1100809-AH	Soil	12/22/11 13:17	12/24/11 8:40
G373-2.5	1100809-AI	Soil	12/22/11 13:18	12/24/11 8:40
G374-0	1100809-AJ	Soil	12/22/11 13:24	12/24/11 8:40
G374-0.5	1100809-AK	Soil	12/22/11 13:25	12/24/11 8:40
G374-1.5	1100809-AL	Soil	12/22/11 13:26	12/24/11 8:40
G374-2.5	1100809-AM	Soil	12/22/11 13:27	12/24/11 8:40
G375-0	1100809-AN	Soil	12/22/11 13:29	12/24/11 8:40

G375-0.5	1100809-AO	Soil	12/22/11	13:30	12/24/11	8:40
G375-1.5	1100809-AP	Soil	12/22/11	13:31	12/24/11	8:40
G375-2.5	1100809-AQ	Soil	12/22/11	13:32	12/24/11	8:40
G376-0	1100809-AR	Soil	12/22/11	13:36	12/24/11	8:40
G376-0.5	1100809-AS	Soil	12/22/11	13:37	12/24/11	8:40
G376-1.5	1100809-AT	Soil	12/22/11	13:38	12/24/11	8:40
G376-2.5	1100809-AU	Soil	12/22/11	13:39	12/24/11	8:40
G377-0	1100809-AV	Soil	12/22/11	13:45	12/24/11	8:40
G377-0.5	1100809-AW	Soil	12/22/11	13:46	12/24/11	8:40
G377-1.5	1100809-AX	Soil	12/22/11	13:47	12/24/11	8:40
G377-2.5	1100809-AY	Soil	12/22/11	13:48	12/24/11	8:40
G378-0	1100809-AZ	Soil	12/22/11	13:51	12/24/11	8:40
G378-0.5	1100809-BA	Soil	12/22/11	13:52	12/24/11	8:40
G378-1.5	1100809-BB	Soil	12/22/11	13:53	12/24/11	8:40
G378-2.5	1100809-BC	Soil	12/22/11	13:54	12/24/11	8:40
G379-0	1100809-BD	Soil	12/22/11	13:58	12/24/11	8:40
G379-0.5	1100809-BE	Soil	12/22/11	13:59	12/24/11	8:40
G379-1.5	1100809-BF	Soil	12/22/11	14:00	12/24/11	8:40
G379-2.5	1100809-BG	Soil	12/22/11	14:01	12/24/11	8:40
G380-0	1100809-BH	Soil	12/22/11	14:05	12/24/11	8:40
G380-0.5	1100809-BI	Soil	12/22/11	14:06	12/24/11	8:40
G380-1.5	1100809-BJ	Soil	12/22/11	14:07	12/24/11	8:40
G380-2.5	1100809-BK	Soil	12/22/11	14:08	12/24/11	8:40
G381-0	1100809-BL	Soil	12/22/11	14:15	12/24/11	8:40
G381-0.5	1100809-BM	Soil	12/22/11	14:16	12/24/11	8:40
G381-1.5	1100809-BN	Soil	12/22/11	14:17	12/24/11	8:40
G381-2.5	1100809-BO	Soil	12/22/11	14:18	12/24/11	8:40
G382-0	1100809-BP	Soil	12/22/11	14:22	12/24/11	8:40
G382-0.5	1100809-BQ	Soil	12/22/11	14:23	12/24/11	8:40
G382-1.5	1100809-BR	Soil	12/22/11	14:24	12/24/11	8:40
G382-2.5	1100809-BS	Soil	12/22/11	14:25	12/24/11	8:40
G418-0	1100809-BT	Soil	12/22/11	10:55	12/24/11	8:40
G418-0.5	1100809-BU	Soil	12/22/11	10:55	12/24/11	8:40
G418-1.5	1100809-BV	Soil	12/22/11	10:55	12/24/11	8:40
G418-2.5	1100809-BW	Soil	12/22/11	10:55	12/24/11	8:40
G420-0	1100809-BX	Soil	12/22/11	11:00	12/24/11	8:40
G420-0.5	1100809-BY	Soil	12/22/11	11:00	12/24/11	8:40
G420-1.5	1100809-BZ	Soil	12/22/11	11:00	12/24/11	8:40
G420-2.5	1100809-CA	Soil	12/22/11	11:00	12/24/11	8:40

G422-0	1100809-CB	Soil	12/22/11 11:15	12/24/11 8:40
G422-0.5	1100809-CC	Soil	12/22/11 11:15	12/24/11 8:40
G424-0	1100809-CD	Soil	12/22/11 11:25	12/24/11 8:40
G424-0.5	1100809-CE	Soil	12/22/11 11:25	12/24/11 8:40
G424-1.5	1100809-CF	Soil	12/22/11 11:25	12/24/11 8:40
G424-2.5	1100809-CG	Soil	12/22/11 11:25	12/24/11 8:40
G426-0	1100809-CH	Soil	12/22/11 11:30	12/24/11 8:40
G426-0.5	1100809-CI	Soil	12/22/11 11:30	12/24/11 8:40
G426-1.5	1100809-CJ	Soil	12/22/11 11:30	12/24/11 8:40
G426-2.5	1100809-CK	Soil	12/22/11 11:30	12/24/11 8:40
G427-0	1100809-CL	Soil	12/22/11 11:35	12/24/11 8:40
G427-0.5	1100809-CM	Soil	12/22/11 11:35	12/24/11 8:40
G469-0	1100809-CN	Soil	12/22/11 12:10	12/24/11 8:40
G469-0.5	1100809-CO	Soil	12/22/11 12:10	12/24/11 8:40
G469-1.5	1100809-CP	Soil	12/22/11 12:10	12/24/11 8:40
G469-2.5	1100809-CQ	Soil	12/22/11 12:10	12/24/11 8:40
G470-0	1100809-CR	Soil	12/22/11 12:15	12/24/11 8:40
G470-0.5	1100809-CS	Soil	12/22/11 12:15	12/24/11 8:40
G470-1.5	1100809-CT	Soil	12/22/11 12:15	12/24/11 8:40
G470-2.5	1100809-CU	Soil	12/22/11 12:15	12/24/11 8:40
G471-0	1100809-CV	Soil	12/22/11 12:20	12/24/11 8:40
G471-0.5	1100809-CW	Soil	12/22/11 12:20	12/24/11 8:40
G471-1.5	1100809-CX	Soil	12/22/11 12:20	12/24/11 8:40
G471-2.5	1100809-CY	Soil	12/22/11 12:20	12/24/11 8:40
G472-0	1100809-CZ	Soil	12/22/11 8:55	12/24/11 8:40
G472-0.5	1100809-DA	Soil	12/22/11 8:55	12/24/11 8:40
G472-1.5	1100809-DB	Soil	12/22/11 8:55	12/24/11 8:40
G472-2.5	1100809-DC	Soil	12/22/11 8:55	12/24/11 8:40
G473-0	1100809-DD	Soil	12/22/11 12:40	12/24/11 8:40
G473-0.5	1100809-DE	Soil	12/22/11 12:40	12/24/11 8:40
G473-1.5	1100809-DF	Soil	12/22/11 12:40	12/24/11 8:40
G473-2.5	1100809-DG	Soil	12/22/11 12:40	12/24/11 8:40
G474-0	1100809-DH	Soil	12/22/11 12:45	12/24/11 8:40
G474-0.5	1100809-DI	Soil	12/22/11 12:45	12/24/11 8:40
G474-1.5	1100809-DJ	Soil	12/22/11 12:45	12/24/11 8:40
G474-2.5	1100809-DK	Soil	12/22/11 12:45	12/24/11 8:40
G475-0	1100809-DL	Soil	12/22/11 9:05	12/24/11 8:40
G475-0.5	1100809-DM	Soil	12/22/11 9:05	12/24/11 8:40
G475-1.5	1100809-DN	Soil	12/22/11 9:05	12/24/11 8:40

G475-2.5	1100809-DO	Soil	12/22/11	9:05	12/24/11	8:40
G476-0	1100809-DP	Soil	12/22/11	12:50	12/24/11	8:40
G476-0.5	1100809-DQ	Soil	12/22/11	12:50	12/24/11	8:40
G476-1.5	1100809-DR	Soil	12/22/11	12:50	12/24/11	8:40
G476-2.5	1100809-DS	Soil	12/22/11	12:50	12/24/11	8:40
G477-0	1100809-DT	Soil	12/22/11	12:55	12/24/11	8:40
G477-0.5	1100809-DU	Soil	12/22/11	12:55	12/24/11	8:40
G477-1.5	1100809-DV	Soil	12/22/11	12:55	12/24/11	8:40
G477-2.5	1100809-DW	Soil	12/22/11	12:55	12/24/11	8:40
G478-0	1100809-DX	Soil	12/22/11	9:20	12/24/11	8:40
G478-0.5	1100809-DY	Soil	12/22/11	9:20	12/24/11	8:40
G478-1.5	1100809-DZ	Soil	12/22/11	9:20	12/24/11	8:40
G478-2.5	1100809-EA	Soil	12/22/11	9:20	12/24/11	8:40
G479-0	1100809-EB	Soil	12/22/11	13:00	12/24/11	8:40
G479-0.5	1100809-EC	Soil	12/22/11	13:00	12/24/11	8:40
G479-1.5	1100809-ED	Soil	12/22/11	13:00	12/24/11	8:40
G479-2.5	1100809-EE	Soil	12/22/11	13:00	12/24/11	8:40
G480-0	1100809-EF	Soil	12/22/11	13:05	12/24/11	8:40
G480-0.5	1100809-EG	Soil	12/22/11	13:05	12/24/11	8:40
G480-1.5	1100809-EH	Soil	12/22/11	13:05	12/24/11	8:40
G480-2.5	1100809-EI	Soil	12/22/11	13:05	12/24/11	8:40
G481-0	1100809-EJ	Soil	12/22/11	9:25	12/24/11	8:40
G481-0.5	1100809-EK	Soil	12/22/11	9:25	12/24/11	8:40
G481-1.5	1100809-EL	Soil	12/22/11	9:25	12/24/11	8:40
G481-2.5	1100809-EM	Soil	12/22/11	9:25	12/24/11	8:40
G482-0	1100809-EN	Soil	12/22/11	13:10	12/24/11	8:40
G482-0.5	1100809-EO	Soil	12/22/11	13:10	12/24/11	8:40
G482-1.5	1100809-EP	Soil	12/22/11	13:10	12/24/11	8:40
G482-2.5	1100809-EQ	Soil	12/22/11	13:10	12/24/11	8:40
G483-0	1100809-ER	Soil	12/22/11	13:15	12/24/11	8:40
G483-0.5	1100809-ES	Soil	12/22/11	13:15	12/24/11	8:40
G483-1.5	1100809-ET	Soil	12/22/11	13:15	12/24/11	8:40
G483-2.5	1100809-EU	Soil	12/22/11	13:15	12/24/11	8:40
G484-0	1100809-EV	Soil	12/22/11	9:40	12/24/11	8:40
G484-0.5	1100809-EW	Soil	12/22/11	9:40	12/24/11	8:40
G484-1.5	1100809-EX	Soil	12/22/11	9:40	12/24/11	8:40
G484-2.5	1100809-EY	Soil	12/22/11	9:40	12/24/11	8:40
G485-0	1100809-EZ	Soil	12/22/11	13:20	12/24/11	8:40
G485-0.5	1100809-FA	Soil	12/22/11	13:20	12/24/11	8:40

G485-1.5	1100809-FB	Soil	12/22/11 13:20	12/24/11 8:40
G485-2.5	1100809-FC	Soil	12/22/11 13:20	12/24/11 8:40
G486-0	1100809-FD	Soil	12/22/11 13:25	12/24/11 8:40
G486-0.5	1100809-FE	Soil	12/22/11 13:25	12/24/11 8:40
G486-1.5	1100809-FF	Soil	12/22/11 13:25	12/24/11 8:40
G486-2.5	1100809-FG	Soil	12/22/11 13:25	12/24/11 8:40
G487-0	1100809-FH	Soil	12/22/11 9:45	12/24/11 8:40
G487-0.5	1100809-FI	Soil	12/22/11 9:45	12/24/11 8:40
G487-1.5	1100809-FJ	Soil	12/22/11 9:45	12/24/11 8:40
G487-2.5	1100809-FK	Soil	12/22/11 9:45	12/24/11 8:40
G488-0	1100809-FL	Soil	12/22/11 13:30	12/24/11 8:40
G488-0.5	1100809-FM	Soil	12/22/11 13:30	12/24/11 8:40
G488-1.5	1100809-FN	Soil	12/22/11 13:30	12/24/11 8:40
G488-2.5	1100809-FO	Soil	12/22/11 13:30	12/24/11 8:40
G489-0	1100809-FP	Soil	12/22/11 13:35	12/24/11 8:40
G489-0.5	1100809-FQ	Soil	12/22/11 13:35	12/24/11 8:40
G489-1.5	1100809-FR	Soil	12/22/11 13:35	12/24/11 8:40
G489-2.5	1100809-FS	Soil	12/22/11 13:35	12/24/11 8:40
G490-0	1100809-FT	Soil	12/22/11 9:50	12/24/11 8:40
G490-0.5	1100809-FU	Soil	12/22/11 9:50	12/24/11 8:40
G490-1.5	1100809-FV	Soil	12/22/11 9:50	12/24/11 8:40
G490-2.5	1100809-FW	Soil	12/22/11 9:50	12/24/11 8:40
G491-0	1100809-FX	Soil	12/22/11 13:40	12/24/11 8:40
G491-0.5	1100809-FY	Soil	12/22/11 13:40	12/24/11 8:40
G491-1.5	1100809-FZ	Soil	12/22/11 13:40	12/24/11 8:40
G491-2.5	1100809-GA	Soil	12/22/11 13:40	12/24/11 8:40
G492-0	1100809-GB	Soil	12/22/11 9:55	12/24/11 8:40
G492-0.5	1100809-GC	Soil	12/22/11 9:55	12/24/11 8:40
G492-1.5	1100809-GD	Soil	12/22/11 9:55	12/24/11 8:40
G492-2.5	1100809-GE	Soil	12/22/11 9:55	12/24/11 8:40
G493-0	1100809-GF	Soil	12/22/11 13:45	12/24/11 8:40
G493-0.5	1100809-GG	Soil	12/22/11 13:45	12/24/11 8:40
G493-1.5	1100809-GH	Soil	12/22/11 13:45	12/24/11 8:40
G493-2.5	1100809-GI	Soil	12/22/11 13:45	12/24/11 8:40
G494-0	1100809-GJ	Soil	12/22/11 10:00	12/24/11 8:40
G494-0.5	1100809-GK	Soil	12/22/11 10:00	12/24/11 8:40
G494-1.5	1100809-GL	Soil	12/22/11 10:00	12/24/11 8:40
G494-2.5	1100809-GM	Soil	12/22/11 10:00	12/24/11 8:40
G495-0	1100809-GN	Soil	12/22/11 13:50	12/24/11 8:40

G495-0.5	1100809-GO	Soil	12/22/11 13:50	12/24/11 8:40
G495-1.5	1100809-GP	Soil	12/22/11 13:50	12/24/11 8:40
G495-2.5	1100809-GQ	Soil	12/22/11 13:50	12/24/11 8:40
G496-0	1100809-GR	Soil	12/22/11 10:10	12/24/11 8:40
G496-0.5	1100809-GS	Soil	12/22/11 10:10	12/24/11 8:40
G496-1.5	1100809-GT	Soil	12/22/11 10:10	12/24/11 8:40
G496-2.5	1100809-GU	Soil	12/22/11 10:10	12/24/11 8:40
G497-0	1100809-GV	Soil	12/22/11 14:15	12/24/11 8:40
G497-0.5	1100809-GW	Soil	12/22/11 14:15	12/24/11 8:40
G497-1.5	1100809-GX	Soil	12/22/11 14:15	12/24/11 8:40
G497-2.5	1100809-GY	Soil	12/22/11 14:15	12/24/11 8:40
G498-0	1100809-GZ	Soil	12/22/11 10:15	12/24/11 8:40
G498-0.5	1100809-HA	Soil	12/22/11 10:15	12/24/11 8:40
G498-1.5	1100809-HB	Soil	12/22/11 10:15	12/24/11 8:40
G498-2.5	1100809-HC	Soil	12/22/11 10:15	12/24/11 8:40
G499-0	1100809-HD	Soil	12/22/11 14:20	12/24/11 8:40
G499-0.5	1100809-HE	Soil	12/22/11 14:20	12/24/11 8:40
G499-1.5	1100809-HF	Soil	12/22/11 14:20	12/24/11 8:40
G499-2.5	1100809-HG	Soil	12/22/11 14:20	12/24/11 8:40
G500-0	1100809-HH	Soil	12/22/11 10:20	12/24/11 8:40
G500-0.5	1100809-HI	Soil	12/22/11 10:20	12/24/11 8:40
G500-1.5	1100809-HJ	Soil	12/22/11 10:20	12/24/11 8:40
G500-2.5	1100809-HK	Soil	12/22/11 10:20	12/24/11 8:40
G502-0	1100809-HL	Soil	12/22/11 10:30	12/24/11 8:40
G502-0.5	1100809-HM	Soil	12/22/11 10:30	12/24/11 8:40
G502-1.5	1100809-HN	Soil	12/22/11 10:30	12/24/11 8:40
G502-2.5	1100809-HO	Soil	12/22/11 10:30	12/24/11 8:40
G504-0	1100809-HP	Soil	12/22/11 10:35	12/24/11 8:40
G504-0.5	1100809-HQ	Soil	12/22/11 10:35	12/24/11 8:40
G504-1.5	1100809-HR	Soil	12/22/11 10:35	12/24/11 8:40
G504-2.5	1100809-HS	Soil	12/22/11 10:35	12/24/11 8:40
G506-0	1100809-HT	Soil	12/22/11 10:40	12/24/11 8:40
G506-0.5	1100809-HU	Soil	12/22/11 10:40	12/24/11 8:40
G506-1.5	1100809-HV	Soil	12/22/11 10:40	12/24/11 8:40
G506-2.5	1100809-HW	Soil	12/22/11 10:40	12/24/11 8:40
G508-0	1100809-HX	Soil	12/22/11 10:45	12/24/11 8:40
G508-0.5	1100809-HY	Soil	12/22/11 10:45	12/24/11 8:40
G508-1.5	1100809-HZ	Soil	12/22/11 10:45	12/24/11 8:40
G508-2.5	1100809-IA	Soil	12/22/11 10:45	12/24/11 8:40

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G418-0
Lab ID: 1100809-BT

Total Metals by ICP-AES EPA 6010B **Analyst: CB**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0950	12/29/2011	12/30/11 23:22	
Arsenic	**3.8**	1.0	NA	1	B1L0950	12/29/2011	12/30/11 23:22	
Barium	**110**	1.0	NA	1	B1L0950	12/29/2011	12/30/11 23:22	
Beryllium	ND	1.0	NA	1	B1L0950	12/29/2011	12/30/11 23:22	
Cadmium	ND	1.0	NA	1	B1L0950	12/29/2011	12/30/11 23:22	
Chromium	**45**	1.0	NA	1	B1L0950	12/29/2011	12/30/11 23:22	
Cobalt	**6.9**	1.0	NA	1	B1L0950	12/29/2011	12/30/11 23:22	
Copper	**17**	2.0	NA	1	B1L0950	12/29/2011	12/30/11 23:22	
Lead	**59**	1.0	NA	1	B1L0950	12/29/2011	12/30/11 23:22	
Molybdenum	ND	1.0	NA	1	B1L0950	12/29/2011	12/30/11 23:22	
Nickel	**54**	1.0	NA	1	B1L0950	12/29/2011	12/30/11 23:22	
Selenium	ND	1.0	NA	1	B1L0950	12/29/2011	12/30/11 23:22	
Silver	ND	1.0	NA	1	B1L0950	12/29/2011	12/30/11 23:22	
Thallium	ND	1.0	NA	1	B1L0950	12/29/2011	12/30/11 23:22	
Vanadium	**33**	1.0	NA	1	B1L0950	12/29/2011	12/30/11 23:22	
Zinc	**61**	1.0	NA	1	B1L0950	12/29/2011	12/30/11 23:22	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G418-0.5
Lab ID: 1100809-BU

Total Metals by ICP-AES EPA 6010B **Analyst: CB**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0950	12/29/2011	12/30/11 23:28	
Arsenic	**3.3**	1.0	NA	1	B1L0950	12/29/2011	12/30/11 23:28	
Barium	**56**	1.0	NA	1	B1L0950	12/29/2011	12/30/11 23:28	
Beryllium	ND	1.0	NA	1	B1L0950	12/29/2011	12/30/11 23:28	
Cadmium	ND	1.0	NA	1	B1L0950	12/29/2011	12/30/11 23:28	
Chromium	**36**	1.0	NA	1	B1L0950	12/29/2011	12/30/11 23:28	
Cobalt	**7.1**	1.0	NA	1	B1L0950	12/29/2011	12/30/11 23:28	
Copper	**10**	2.0	NA	1	B1L0950	12/29/2011	12/30/11 23:28	
Lead	**17**	1.0	NA	1	B1L0950	12/29/2011	12/30/11 23:28	
Molybdenum	ND	1.0	NA	1	B1L0950	12/29/2011	12/30/11 23:28	
Nickel	**60**	1.0	NA	1	B1L0950	12/29/2011	12/30/11 23:28	
Selenium	ND	1.0	NA	1	B1L0950	12/29/2011	12/30/11 23:28	
Silver	ND	1.0	NA	1	B1L0950	12/29/2011	12/30/11 23:28	
Thallium	ND	1.0	NA	1	B1L0950	12/29/2011	12/30/11 23:28	
Vanadium	**25**	1.0	NA	1	B1L0950	12/29/2011	12/30/11 23:28	
Zinc	**29**	1.0	NA	1	B1L0950	12/29/2011	12/30/11 23:28	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G418-1.5
Lab ID: 1100809-BV

Total Metals by ICP-AES EPA 6010B **Analyst: CB**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0950	12/29/2011	12/30/11 23:30	
Arsenic	**3.2**	1.0	NA	1	B1L0950	12/29/2011	12/30/11 23:30	
Barium	**29**	1.0	NA	1	B1L0950	12/29/2011	12/30/11 23:30	
Beryllium	ND	1.0	NA	1	B1L0950	12/29/2011	12/30/11 23:30	
Cadmium	ND	1.0	NA	1	B1L0950	12/29/2011	12/30/11 23:30	
Chromium	**16**	1.0	NA	1	B1L0950	12/29/2011	12/30/11 23:30	
Cobalt	**5.1**	1.0	NA	1	B1L0950	12/29/2011	12/30/11 23:30	
Copper	**4.1**	2.0	NA	1	B1L0950	12/29/2011	12/30/11 23:30	
Lead	**13**	1.0	NA	1	B1L0950	12/29/2011	12/30/11 23:30	
Molybdenum	ND	1.0	NA	1	B1L0950	12/29/2011	12/30/11 23:30	
Nickel	**21**	1.0	NA	1	B1L0950	12/29/2011	12/30/11 23:30	
Selenium	ND	1.0	NA	1	B1L0950	12/29/2011	12/30/11 23:30	
Silver	ND	1.0	NA	1	B1L0950	12/29/2011	12/30/11 23:30	
Thallium	ND	1.0	NA	1	B1L0950	12/29/2011	12/30/11 23:30	
Vanadium	**19**	1.0	NA	1	B1L0950	12/29/2011	12/30/11 23:30	
Zinc	**23**	1.0	NA	1	B1L0950	12/29/2011	12/30/11 23:30	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G418-2.5
Lab ID: 1100809-BW

Total Metals by ICP-AES EPA 6010B **Analyst: CB**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0950	12/29/2011	12/30/11 23:32	
Arsenic	**5.0**	1.0	NA	1	B1L0950	12/29/2011	12/30/11 23:32	
Barium	**25**	1.0	NA	1	B1L0950	12/29/2011	12/30/11 23:32	
Beryllium	ND	1.0	NA	1	B1L0950	12/29/2011	12/30/11 23:32	
Cadmium	ND	1.0	NA	1	B1L0950	12/29/2011	12/30/11 23:32	
Chromium	**10**	1.0	NA	1	B1L0950	12/29/2011	12/30/11 23:32	
Cobalt	**5.3**	1.0	NA	1	B1L0950	12/29/2011	12/30/11 23:32	
Copper	**3.7**	2.0	NA	1	B1L0950	12/29/2011	12/30/11 23:32	
Lead	**2.6**	1.0	NA	1	B1L0950	12/29/2011	12/30/11 23:32	
Molybdenum	ND	1.0	NA	1	B1L0950	12/29/2011	12/30/11 23:32	
Nickel	**10**	1.0	NA	1	B1L0950	12/29/2011	12/30/11 23:32	
Selenium	ND	1.0	NA	1	B1L0950	12/29/2011	12/30/11 23:32	
Silver	ND	1.0	NA	1	B1L0950	12/29/2011	12/30/11 23:32	
Thallium	ND	1.0	NA	1	B1L0950	12/29/2011	12/30/11 23:32	
Vanadium	**20**	1.0	NA	1	B1L0950	12/29/2011	12/30/11 23:32	
Zinc	**22**	1.0	NA	1	B1L0950	12/29/2011	12/30/11 23:32	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G420-0
Lab ID: 1100809-BX

Total Metals by ICP-AES EPA 6010B **Analyst: CB**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0950	12/29/2011	12/30/11 23:34	
Arsenic	**3.0**	1.0	NA	1	B1L0950	12/29/2011	12/30/11 23:34	
Barium	**100**	1.0	NA	1	B1L0950	12/29/2011	12/30/11 23:34	
Beryllium	ND	1.0	NA	1	B1L0950	12/29/2011	12/30/11 23:34	
Cadmium	ND	1.0	NA	1	B1L0950	12/29/2011	12/30/11 23:34	
Chromium	**60**	1.0	NA	1	B1L0950	12/29/2011	12/30/11 23:34	
Cobalt	**7.0**	1.0	NA	1	B1L0950	12/29/2011	12/30/11 23:34	
Copper	**21**	2.0	NA	1	B1L0950	12/29/2011	12/30/11 23:34	
Lead	**53**	1.0	NA	1	B1L0950	12/29/2011	12/30/11 23:34	
Molybdenum	ND	1.0	NA	1	B1L0950	12/29/2011	12/30/11 23:34	
Nickel	**61**	1.0	NA	1	B1L0950	12/29/2011	12/30/11 23:34	
Selenium	ND	1.0	NA	1	B1L0950	12/29/2011	12/30/11 23:34	
Silver	ND	1.0	NA	1	B1L0950	12/29/2011	12/30/11 23:34	
Thallium	ND	1.0	NA	1	B1L0950	12/29/2011	12/30/11 23:34	
Vanadium	**30**	1.0	NA	1	B1L0950	12/29/2011	12/30/11 23:34	
Zinc	**100**	1.0	NA	1	B1L0950	12/29/2011	12/30/11 23:34	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G420-0.5
Lab ID: 1100809-BY

Total Metals by ICP-AES EPA 6010B **Analyst: CB**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0950	12/29/2011	12/30/11 23:35	
Arsenic	**3.7**	1.0	NA	1	B1L0950	12/29/2011	12/30/11 23:35	
Barium	**72**	1.0	NA	1	B1L0950	12/29/2011	12/30/11 23:35	
Beryllium	ND	1.0	NA	1	B1L0950	12/29/2011	12/30/11 23:35	
Cadmium	ND	1.0	NA	1	B1L0950	12/29/2011	12/30/11 23:35	
Chromium	**81**	1.0	NA	1	B1L0950	12/29/2011	12/30/11 23:35	
Cobalt	**9.0**	1.0	NA	1	B1L0950	12/29/2011	12/30/11 23:35	
Copper	**17**	2.0	NA	1	B1L0950	12/29/2011	12/30/11 23:35	
Lead	**60**	1.0	NA	1	B1L0950	12/29/2011	12/30/11 23:35	
Molybdenum	ND	1.0	NA	1	B1L0950	12/29/2011	12/30/11 23:35	
Nickel	**87**	1.0	NA	1	B1L0950	12/29/2011	12/30/11 23:35	
Selenium	ND	1.0	NA	1	B1L0950	12/29/2011	12/30/11 23:35	
Silver	ND	1.0	NA	1	B1L0950	12/29/2011	12/30/11 23:35	
Thallium	ND	1.0	NA	1	B1L0950	12/29/2011	12/30/11 23:35	
Vanadium	**30**	1.0	NA	1	B1L0950	12/29/2011	12/30/11 23:35	
Zinc	**49**	1.0	NA	1	B1L0950	12/29/2011	12/30/11 23:35	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G420-1.5
Lab ID: 1100809-BZ

Total Metals by ICP-AES EPA 6010B **Analyst: CB**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0950	12/29/2011	12/30/11 23:37	
Arsenic	**3.2**	1.0	NA	1	B1L0950	12/29/2011	12/30/11 23:37	
Barium	**80**	1.0	NA	1	B1L0950	12/29/2011	12/30/11 23:37	
Beryllium	ND	1.0	NA	1	B1L0950	12/29/2011	12/30/11 23:37	
Cadmium	ND	1.0	NA	1	B1L0950	12/29/2011	12/30/11 23:37	
Chromium	**90**	1.0	NA	1	B1L0950	12/29/2011	12/30/11 23:37	
Cobalt	**13**	1.0	NA	1	B1L0950	12/29/2011	12/30/11 23:37	
Copper	**14**	2.0	NA	1	B1L0950	12/29/2011	12/30/11 23:37	
Lead	**3.2**	1.0	NA	1	B1L0950	12/29/2011	12/30/11 23:37	
Molybdenum	ND	1.0	NA	1	B1L0950	12/29/2011	12/30/11 23:37	
Nickel	**150**	1.0	NA	1	B1L0950	12/29/2011	12/30/11 23:37	
Selenium	ND	1.0	NA	1	B1L0950	12/29/2011	12/30/11 23:37	
Silver	ND	1.0	NA	1	B1L0950	12/29/2011	12/30/11 23:37	
Thallium	ND	1.0	NA	1	B1L0950	12/29/2011	12/30/11 23:37	
Vanadium	**43**	1.0	NA	1	B1L0950	12/29/2011	12/30/11 23:37	
Zinc	**38**	1.0	NA	1	B1L0950	12/29/2011	12/30/11 23:37	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G420-2.5
Lab ID: 1100809-CA

Total Metals by ICP-AES EPA 6010B **Analyst: CB**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0950	12/29/2011	12/30/11 23:39	
Arsenic	**2.8**	1.0	NA	1	B1L0950	12/29/2011	12/30/11 23:39	
Barium	**32**	1.0	NA	1	B1L0950	12/29/2011	12/30/11 23:39	
Beryllium	ND	1.0	NA	1	B1L0950	12/29/2011	12/30/11 23:39	
Cadmium	ND	1.0	NA	1	B1L0950	12/29/2011	12/30/11 23:39	
Chromium	**20**	1.0	NA	1	B1L0950	12/29/2011	12/30/11 23:39	
Cobalt	**5.6**	1.0	NA	1	B1L0950	12/29/2011	12/30/11 23:39	
Copper	**4.9**	2.0	NA	1	B1L0950	12/29/2011	12/30/11 23:39	
Lead	**2.2**	1.0	NA	1	B1L0950	12/29/2011	12/30/11 23:39	
Molybdenum	ND	1.0	NA	1	B1L0950	12/29/2011	12/30/11 23:39	
Nickel	**30**	1.0	NA	1	B1L0950	12/29/2011	12/30/11 23:39	
Selenium	ND	1.0	NA	1	B1L0950	12/29/2011	12/30/11 23:39	
Silver	ND	1.0	NA	1	B1L0950	12/29/2011	12/30/11 23:39	
Thallium	ND	1.0	NA	1	B1L0950	12/29/2011	12/30/11 23:39	
Vanadium	**20**	1.0	NA	1	B1L0950	12/29/2011	12/30/11 23:39	
Zinc	**22**	1.0	NA	1	B1L0950	12/29/2011	12/30/11 23:39	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G422-0
Lab ID: 1100809-CB

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0951	12/29/2011	01/03/12 15:30	
Arsenic	**3.6**	1.0	NA	1	B1L0951	12/29/2011	01/03/12 15:30	
Barium	**91**	1.0	NA	1	B1L0951	12/29/2011	01/03/12 15:30	
Beryllium	ND	1.0	NA	1	B1L0951	12/29/2011	01/03/12 15:30	
Cadmium	ND	1.0	NA	1	B1L0951	12/29/2011	01/03/12 15:30	
Chromium	**64**	1.0	NA	1	B1L0951	12/29/2011	01/03/12 15:30	
Cobalt	**8.5**	1.0	NA	1	B1L0951	12/29/2011	01/03/12 15:30	
Copper	**22**	2.0	NA	1	B1L0951	12/29/2011	01/03/12 15:30	
Lead	**240**	1.0	NA	1	B1L0951	12/29/2011	01/03/12 15:30	
Molybdenum	ND	1.0	NA	1	B1L0951	12/29/2011	01/03/12 15:30	
Nickel	**81**	1.0	NA	1	B1L0951	12/29/2011	01/03/12 15:30	
Selenium	ND	1.0	NA	1	B1L0951	12/29/2011	01/03/12 15:30	
Silver	ND	1.0	NA	1	B1L0951	12/29/2011	01/03/12 15:30	
Thallium	ND	1.0	NA	1	B1L0951	12/29/2011	01/03/12 15:30	
Vanadium	**30**	1.0	NA	1	B1L0951	12/29/2011	01/03/12 15:30	
Zinc	**120**	1.0	NA	1	B1L0951	12/29/2011	01/03/12 15:30	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G422-0.5
Lab ID: 1100809-CC

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0951	12/29/2011	01/03/12 15:31	
Arsenic	**3.4**	1.0	NA	1	B1L0951	12/29/2011	01/03/12 15:31	
Barium	**78**	1.0	NA	1	B1L0951	12/29/2011	01/03/12 15:31	
Beryllium	ND	1.0	NA	1	B1L0951	12/29/2011	01/03/12 15:31	
Cadmium	ND	1.0	NA	1	B1L0951	12/29/2011	01/03/12 15:31	
Chromium	**72**	1.0	NA	1	B1L0951	12/29/2011	01/03/12 15:31	
Cobalt	**8.8**	1.0	NA	1	B1L0951	12/29/2011	01/03/12 15:31	
Copper	**17**	2.0	NA	1	B1L0951	12/29/2011	01/03/12 15:31	
Lead	**290**	1.0	NA	1	B1L0951	12/29/2011	01/03/12 15:31	
Molybdenum	ND	1.0	NA	1	B1L0951	12/29/2011	01/03/12 15:31	
Nickel	**120**	1.0	NA	1	B1L0951	12/29/2011	01/03/12 15:31	
Selenium	ND	1.0	NA	1	B1L0951	12/29/2011	01/03/12 15:31	
Silver	ND	1.0	NA	1	B1L0951	12/29/2011	01/03/12 15:31	
Thallium	ND	1.0	NA	1	B1L0951	12/29/2011	01/03/12 15:31	
Vanadium	**27**	1.0	NA	1	B1L0951	12/29/2011	01/03/12 15:31	
Zinc	**78**	1.0	NA	1	B1L0951	12/29/2011	01/03/12 15:31	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G424-0
Lab ID: 1100809-CD

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0951	12/29/2011	01/03/12 15:33	
Arsenic	**4.2**	1.0	NA	1	B1L0951	12/29/2011	01/03/12 15:33	
Barium	**100**	1.0	NA	1	B1L0951	12/29/2011	01/03/12 15:33	
Beryllium	ND	1.0	NA	1	B1L0951	12/29/2011	01/03/12 15:33	
Cadmium	ND	1.0	NA	1	B1L0951	12/29/2011	01/03/12 15:33	
Chromium	**31**	1.0	NA	1	B1L0951	12/29/2011	01/03/12 15:33	
Cobalt	**5.3**	1.0	NA	1	B1L0951	12/29/2011	01/03/12 15:33	
Copper	**14**	2.0	NA	1	B1L0951	12/29/2011	01/03/12 15:33	
Lead	**5.0**	1.0	NA	1	B1L0951	12/29/2011	01/03/12 15:33	
Molybdenum	ND	1.0	NA	1	B1L0951	12/29/2011	01/03/12 15:33	
Nickel	**47**	1.0	NA	1	B1L0951	12/29/2011	01/03/12 15:33	
Selenium	ND	1.0	NA	1	B1L0951	12/29/2011	01/03/12 15:33	
Silver	ND	1.0	NA	1	B1L0951	12/29/2011	01/03/12 15:33	
Thallium	ND	1.0	NA	1	B1L0951	12/29/2011	01/03/12 15:33	
Vanadium	**29**	1.0	NA	1	B1L0951	12/29/2011	01/03/12 15:33	
Zinc	**34**	1.0	NA	1	B1L0951	12/29/2011	01/03/12 15:33	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G424-0.5
Lab ID: 1100809-CE

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0951	12/29/2011	01/03/12 15:34	
Arsenic	**2.5**	1.0	NA	1	B1L0951	12/29/2011	01/03/12 15:34	
Barium	**81**	1.0	NA	1	B1L0951	12/29/2011	01/03/12 15:34	
Beryllium	ND	1.0	NA	1	B1L0951	12/29/2011	01/03/12 15:34	
Cadmium	ND	1.0	NA	1	B1L0951	12/29/2011	01/03/12 15:34	
Chromium	**60**	1.0	NA	1	B1L0951	12/29/2011	01/03/12 15:34	
Cobalt	**8.2**	1.0	NA	1	B1L0951	12/29/2011	01/03/12 15:34	
Copper	**21**	2.0	NA	1	B1L0951	12/29/2011	01/03/12 15:34	
Lead	**31**	1.0	NA	1	B1L0951	12/29/2011	01/03/12 15:34	
Molybdenum	**2.2**	1.0	NA	1	B1L0951	12/29/2011	01/03/12 15:34	
Nickel	**84**	1.0	NA	1	B1L0951	12/29/2011	01/03/12 15:34	
Selenium	ND	1.0	NA	1	B1L0951	12/29/2011	01/03/12 15:34	
Silver	ND	1.0	NA	1	B1L0951	12/29/2011	01/03/12 15:34	
Thallium	ND	1.0	NA	1	B1L0951	12/29/2011	01/03/12 15:34	
Vanadium	**28**	1.0	NA	1	B1L0951	12/29/2011	01/03/12 15:34	
Zinc	**70**	1.0	NA	1	B1L0951	12/29/2011	01/03/12 15:34	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G424-1.5
Lab ID: 1100809-CF

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0951	12/29/2011	01/03/12 15:36	
Arsenic	**5.5**	1.0	NA	1	B1L0951	12/29/2011	01/03/12 15:36	
Barium	**62**	1.0	NA	1	B1L0951	12/29/2011	01/03/12 15:36	
Beryllium	ND	1.0	NA	1	B1L0951	12/29/2011	01/03/12 15:36	
Cadmium	ND	1.0	NA	1	B1L0951	12/29/2011	01/03/12 15:36	
Chromium	**38**	1.0	NA	1	B1L0951	12/29/2011	01/03/12 15:36	
Cobalt	**6.1**	1.0	NA	1	B1L0951	12/29/2011	01/03/12 15:36	
Copper	**11**	2.0	NA	1	B1L0951	12/29/2011	01/03/12 15:36	
Lead	**3.1**	1.0	NA	1	B1L0951	12/29/2011	01/03/12 15:36	
Molybdenum	ND	1.0	NA	1	B1L0951	12/29/2011	01/03/12 15:36	
Nickel	**56**	1.0	NA	1	B1L0951	12/29/2011	01/03/12 15:36	
Selenium	ND	1.0	NA	1	B1L0951	12/29/2011	01/03/12 15:36	
Silver	ND	1.0	NA	1	B1L0951	12/29/2011	01/03/12 15:36	
Thallium	ND	1.0	NA	1	B1L0951	12/29/2011	01/03/12 15:36	
Vanadium	**26**	1.0	NA	1	B1L0951	12/29/2011	01/03/12 15:36	
Zinc	**22**	1.0	NA	1	B1L0951	12/29/2011	01/03/12 15:36	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G424-2.5
Lab ID: 1100809-CG

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0951	12/29/2011	01/03/12 15:38	
Arsenic	**3.4**	1.0	NA	1	B1L0951	12/29/2011	01/03/12 15:38	
Barium	**74**	1.0	NA	1	B1L0951	12/29/2011	01/03/12 15:38	
Beryllium	ND	1.0	NA	1	B1L0951	12/29/2011	01/03/12 15:38	
Cadmium	ND	1.0	NA	1	B1L0951	12/29/2011	01/03/12 15:38	
Chromium	**150**	1.0	NA	1	B1L0951	12/29/2011	01/03/12 15:38	
Cobalt	**16**	1.0	NA	1	B1L0951	12/29/2011	01/03/12 15:38	
Copper	**13**	2.0	NA	1	B1L0951	12/29/2011	01/03/12 15:38	
Lead	**2.8**	1.0	NA	1	B1L0951	12/29/2011	01/03/12 15:38	
Molybdenum	ND	1.0	NA	1	B1L0951	12/29/2011	01/03/12 15:38	
Nickel	**280**	1.0	NA	1	B1L0951	12/29/2011	01/03/12 15:38	
Selenium	ND	1.0	NA	1	B1L0951	12/29/2011	01/03/12 15:38	
Silver	ND	1.0	NA	1	B1L0951	12/29/2011	01/03/12 15:38	
Thallium	ND	1.0	NA	1	B1L0951	12/29/2011	01/03/12 15:38	
Vanadium	**30**	1.0	NA	1	B1L0951	12/29/2011	01/03/12 15:38	
Zinc	**29**	1.0	NA	1	B1L0951	12/29/2011	01/03/12 15:38	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G426-0
Lab ID: 1100809-CH

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0951	12/29/2011	01/03/12 15:40	
Arsenic	**3.6**	1.0	NA	1	B1L0951	12/29/2011	01/03/12 15:40	
Barium	**110**	1.0	NA	1	B1L0951	12/29/2011	01/03/12 15:40	
Beryllium	ND	1.0	NA	1	B1L0951	12/29/2011	01/03/12 15:40	
Cadmium	ND	1.0	NA	1	B1L0951	12/29/2011	01/03/12 15:40	
Chromium	**57**	1.0	NA	1	B1L0951	12/29/2011	01/03/12 15:40	
Cobalt	**7.1**	1.0	NA	1	B1L0951	12/29/2011	01/03/12 15:40	
Copper	**22**	2.0	NA	1	B1L0951	12/29/2011	01/03/12 15:40	
Lead	**110**	1.0	NA	1	B1L0951	12/29/2011	01/03/12 15:40	
Molybdenum	ND	1.0	NA	1	B1L0951	12/29/2011	01/03/12 15:40	
Nickel	**64**	1.0	NA	1	B1L0951	12/29/2011	01/03/12 15:40	
Selenium	ND	1.0	NA	1	B1L0951	12/29/2011	01/03/12 15:40	
Silver	ND	1.0	NA	1	B1L0951	12/29/2011	01/03/12 15:40	
Thallium	ND	1.0	NA	1	B1L0951	12/29/2011	01/03/12 15:40	
Vanadium	**33**	1.0	NA	1	B1L0951	12/29/2011	01/03/12 15:40	
Zinc	**130**	1.0	NA	1	B1L0951	12/29/2011	01/03/12 15:40	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G426-0.5
Lab ID: 1100809-CI

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0951	12/29/2011	01/03/12 15:41	
Arsenic	**3.7**	1.0	NA	1	B1L0951	12/29/2011	01/03/12 15:41	
Barium	**57**	1.0	NA	1	B1L0951	12/29/2011	01/03/12 15:41	
Beryllium	ND	1.0	NA	1	B1L0951	12/29/2011	01/03/12 15:41	
Cadmium	ND	1.0	NA	1	B1L0951	12/29/2011	01/03/12 15:41	
Chromium	**41**	1.0	NA	1	B1L0951	12/29/2011	01/03/12 15:41	
Cobalt	**7.0**	1.0	NA	1	B1L0951	12/29/2011	01/03/12 15:41	
Copper	**17**	2.0	NA	1	B1L0951	12/29/2011	01/03/12 15:41	
Lead	**73**	1.0	NA	1	B1L0951	12/29/2011	01/03/12 15:41	
Molybdenum	ND	1.0	NA	1	B1L0951	12/29/2011	01/03/12 15:41	
Nickel	**66**	1.0	NA	1	B1L0951	12/29/2011	01/03/12 15:41	
Selenium	ND	1.0	NA	1	B1L0951	12/29/2011	01/03/12 15:41	
Silver	ND	1.0	NA	1	B1L0951	12/29/2011	01/03/12 15:41	
Thallium	ND	1.0	NA	1	B1L0951	12/29/2011	01/03/12 15:41	
Vanadium	**23**	1.0	NA	1	B1L0951	12/29/2011	01/03/12 15:41	
Zinc	**41**	1.0	NA	1	B1L0951	12/29/2011	01/03/12 15:41	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G426-1.5
Lab ID: 1100809-CJ

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0951	12/29/2011	01/03/12 15:48	
Arsenic	**3.0**	1.0	NA	1	B1L0951	12/29/2011	01/03/12 15:48	
Barium	**75**	1.0	NA	1	B1L0951	12/29/2011	01/03/12 15:48	
Beryllium	ND	1.0	NA	1	B1L0951	12/29/2011	01/03/12 15:48	
Cadmium	ND	1.0	NA	1	B1L0951	12/29/2011	01/03/12 15:48	
Chromium	**180**	1.0	NA	1	B1L0951	12/29/2011	01/03/12 15:48	
Cobalt	**16**	1.0	NA	1	B1L0951	12/29/2011	01/03/12 15:48	
Copper	**13**	2.0	NA	1	B1L0951	12/29/2011	01/03/12 15:48	
Lead	**3.7**	1.0	NA	1	B1L0951	12/29/2011	01/03/12 15:48	
Molybdenum	ND	1.0	NA	1	B1L0951	12/29/2011	01/03/12 15:48	
Nickel	**250**	1.0	NA	1	B1L0951	12/29/2011	01/03/12 15:48	
Selenium	ND	1.0	NA	1	B1L0951	12/29/2011	01/03/12 15:48	
Silver	ND	1.0	NA	1	B1L0951	12/29/2011	01/03/12 15:48	
Thallium	ND	1.0	NA	1	B1L0951	12/29/2011	01/03/12 15:48	
Vanadium	**33**	1.0	NA	1	B1L0951	12/29/2011	01/03/12 15:48	
Zinc	**30**	1.0	NA	1	B1L0951	12/29/2011	01/03/12 15:48	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G426-2.5
Lab ID: 1100809-CK

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0951	12/29/2011	01/03/12 15:49	
Arsenic	**2.5**	1.0	NA	1	B1L0951	12/29/2011	01/03/12 15:49	
Barium	**120**	1.0	NA	1	B1L0951	12/29/2011	01/03/12 15:49	
Beryllium	ND	1.0	NA	1	B1L0951	12/29/2011	01/03/12 15:49	
Cadmium	ND	1.0	NA	1	B1L0951	12/29/2011	01/03/12 15:49	
Chromium	**29**	1.0	NA	1	B1L0951	12/29/2011	01/03/12 15:49	
Cobalt	**11**	1.0	NA	1	B1L0951	12/29/2011	01/03/12 15:49	
Copper	**18**	2.0	NA	1	B1L0951	12/29/2011	01/03/12 15:49	
Lead	**14**	1.0	NA	1	B1L0951	12/29/2011	01/03/12 15:49	
Molybdenum	ND	1.0	NA	1	B1L0951	12/29/2011	01/03/12 15:49	
Nickel	**60**	1.0	NA	1	B1L0951	12/29/2011	01/03/12 15:49	
Selenium	ND	1.0	NA	1	B1L0951	12/29/2011	01/03/12 15:49	
Silver	ND	1.0	NA	1	B1L0951	12/29/2011	01/03/12 15:49	
Thallium	ND	1.0	NA	1	B1L0951	12/29/2011	01/03/12 15:49	
Vanadium	**21**	1.0	NA	1	B1L0951	12/29/2011	01/03/12 15:49	
Zinc	**51**	1.0	NA	1	B1L0951	12/29/2011	01/03/12 15:49	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G427-0
Lab ID: 1100809-CL

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0952	01/03/2012	01/03/12 16:04	
Arsenic	**4.1**	1.0	NA	1	B1L0952	01/03/2012	01/03/12 16:04	
Barium	**130**	1.0	NA	1	B1L0952	01/03/2012	01/03/12 16:04	
Beryllium	ND	1.0	NA	1	B1L0952	01/03/2012	01/03/12 16:03	
Cadmium	ND	1.0	NA	1	B1L0952	01/03/2012	01/03/12 16:04	
Chromium	**43**	1.0	NA	1	B1L0952	01/03/2012	01/03/12 16:04	
Cobalt	**7.8**	1.0	NA	1	B1L0952	01/03/2012	01/03/12 16:04	
Copper	**26**	2.0	NA	1	B1L0952	01/03/2012	01/03/12 16:04	
Lead	**51**	1.0	NA	1	B1L0952	01/03/2012	01/03/12 16:04	
Molybdenum	ND	1.0	NA	1	B1L0952	01/03/2012	01/03/12 16:04	
Nickel	**54**	1.0	NA	1	B1L0952	01/03/2012	01/03/12 16:04	
Selenium	ND	1.0	NA	1	B1L0952	01/03/2012	01/03/12 16:04	
Silver	ND	1.0	NA	1	B1L0952	01/03/2012	01/03/12 16:04	
Thallium	ND	1.0	NA	1	B1L0952	01/03/2012	01/03/12 16:04	
Vanadium	**39**	1.0	NA	1	B1L0952	01/03/2012	01/03/12 16:04	
Zinc	**120**	1.0	NA	1	B1L0952	01/03/2012	01/03/12 16:04	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G427-0.5
Lab ID: 1100809-CM

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0952	01/03/2012	01/03/12 15:01	
Arsenic	**3.9**	1.0	NA	1	B1L0952	01/03/2012	01/03/12 15:01	
Barium	**63**	1.0	NA	1	B1L0952	01/03/2012	01/03/12 15:01	
Beryllium	ND	1.0	NA	1	B1L0952	01/03/2012	01/03/12 15:00	
Cadmium	ND	1.0	NA	1	B1L0952	01/03/2012	01/03/12 15:01	
Chromium	**41**	1.0	NA	1	B1L0952	01/03/2012	01/03/12 15:01	
Cobalt	**7.1**	1.0	NA	1	B1L0952	01/03/2012	01/03/12 15:01	
Copper	**14**	2.0	NA	1	B1L0952	01/03/2012	01/03/12 15:01	
Lead	**6.2**	1.0	NA	1	B1L0952	01/03/2012	01/03/12 15:01	
Molybdenum	ND	1.0	NA	1	B1L0952	01/03/2012	01/03/12 15:01	
Nickel	**66**	1.0	NA	1	B1L0952	01/03/2012	01/03/12 15:01	
Selenium	ND	1.0	NA	1	B1L0952	01/03/2012	01/03/12 15:01	
Silver	ND	1.0	NA	1	B1L0952	01/03/2012	01/03/12 15:01	
Thallium	ND	1.0	NA	1	B1L0952	01/03/2012	01/03/12 15:01	
Vanadium	**25**	1.0	NA	1	B1L0952	01/03/2012	01/03/12 15:01	
Zinc	**29**	1.0	NA	1	B1L0952	01/03/2012	01/03/12 15:01	

Geocon Consultants, Inc.	Project Number : TO-16, E8560-06-16
6671 Brisa Street	Report To : Luann Beadle
Livermore , CA 94550	Reported : 01/04/2012

Lead by ICP-AES EPA 6010B

Analyte: Lead **Analyst: KK**

Laboratory ID	Client Sample ID	Result	Units	PQL	MDL	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1100809-01	G343-0	**9.8**	mg/kg	1.0	NA	1	B1L0993	12/30/2011	12/31/11 14:20	
1100809-02	G343-0.5	**5.7**	mg/kg	1.0	NA	1	B1L0993	12/30/2011	12/31/11 14:21	
1100809-03	G343-1.5	**8.4**	mg/kg	1.0	NA	1	B1L0993	12/30/2011	12/31/11 14:22	
1100809-04	G343-2.5	**6.1**	mg/kg	1.0	NA	1	B1L0993	12/30/2011	12/31/11 14:22	
1100809-05	G344-0	**7.2**	mg/kg	1.0	NA	1	B1L0993	12/30/2011	12/31/11 14:23	
1100809-06	G344-0.5	**5.8**	mg/kg	1.0	NA	1	B1L0993	12/30/2011	12/31/11 14:24	
1100809-07	G344-1.5	**5.7**	mg/kg	1.0	NA	1	B1L0993	12/30/2011	12/31/11 14:25	
1100809-08	G344-2.5	**4.8**	mg/kg	1.0	NA	1	B1L0993	12/30/2011	12/31/11 14:28	
1100809-09	G345-0	**6.6**	mg/kg	1.0	NA	1	B1L0993	12/30/2011	12/31/11 14:28	
1100809-10	G345-0.5	**6.8**	mg/kg	1.0	NA	1	B1L0993	12/30/2011	12/31/11 14:29	
1100809-11	G345-1.5	**5.6**	mg/kg	1.0	NA	1	B1L0993	12/30/2011	12/31/11 14:31	
1100809-12	G345-2.5	**3.1**	mg/kg	1.0	NA	1	B1L0993	12/30/2011	12/31/11 14:32	
1100809-13	G346-0	**9.6**	mg/kg	1.0	NA	1	B1L0993	12/30/2011	12/31/11 14:33	
1100809-14	G346-0.5	**5.1**	mg/kg	1.0	NA	1	B1L0993	12/30/2011	12/31/11 14:34	
1100809-15	G346-1.5	**5.0**	mg/kg	1.0	NA	1	B1L0993	12/30/2011	12/31/11 14:34	
1100809-16	G346-2.5	**3.8**	mg/kg	1.0	NA	1	B1L0993	12/30/2011	12/31/11 14:37	
1100809-17	G347-0	**6.5**	mg/kg	1.0	NA	1	B1L0993	12/30/2011	12/31/11 14:38	
1100809-18	G347-0.5	**4.6**	mg/kg	1.0	NA	1	B1L0993	12/30/2011	12/31/11 14:39	
1100809-19	G347-1.5	**4.8**	mg/kg	1.0	NA	1	B1L0993	12/30/2011	12/31/11 14:39	
1100809-20	G347-2.5	**3.3**	mg/kg	1.0	NA	1	B1L0993	12/30/2011	12/31/11 14:40	
1100809-21	G348-0	**10**	mg/kg	1.0	NA	1	B1L0994	12/30/2011	12/31/11 14:48	
1100809-22	G348-0.5	**5.6**	mg/kg	1.0	NA	1	B1L0994	12/30/2011	12/31/11 14:49	
1100809-23	G348-1.5	**7.7**	mg/kg	1.0	NA	1	B1L0994	12/30/2011	12/31/11 14:50	
1100809-24	G348-2.5	**4.4**	mg/kg	1.0	NA	1	B1L0994	12/30/2011	12/31/11 14:51	
1100809-25	G349-0	**7.4**	mg/kg	1.0	NA	1	B1L0994	12/30/2011	12/31/11 14:51	
1100809-26	G349-0.5	**6.7**	mg/kg	1.0	NA	1	B1L0994	12/30/2011	12/31/11 14:52	
1100809-27	G349-1.5	**9.0**	mg/kg	1.0	NA	1	B1L0994	12/30/2011	12/31/11 14:53	
1100809-28	G349-2.5	**6.3**	mg/kg	1.0	NA	1	B1L0994	12/30/2011	12/31/11 14:54	
1100809-29	G350-0	**7.0**	mg/kg	1.0	NA	1	B1L0994	12/30/2011	12/31/11 14:54	
1100809-30	G350-0.5	**2.8**	mg/kg	1.0	NA	1	B1L0994	12/30/2011	12/31/11 14:57	

1100809-31	G350-1.5	**12**	mg/kg	1.0	NA	1	B1L0994	12/30/2011	12/31/11 14:59
1100809-32	G350-2.5	**6.2**	mg/kg	1.0	NA	1	B1L0994	12/30/2011	12/31/11 15:00
1100809-33	G351-0	**6.6**	mg/kg	1.0	NA	1	B1L0994	12/30/2011	12/31/11 15:01
1100809-34	G351-0.5	**9.1**	mg/kg	1.0	NA	1	B1L0994	12/30/2011	12/31/11 15:02
1100809-35	G351-1.5	**6.1**	mg/kg	1.0	NA	1	B1L0994	12/30/2011	12/31/11 15:02
1100809-36	G351-2.5	**4.5**	mg/kg	1.0	NA	1	B1L0994	12/30/2011	12/31/11 15:03
1100809-37	G352-0	**9.0**	mg/kg	1.0	NA	1	B1L0994	12/30/2011	12/31/11 15:04
1100809-38	G352-0.5	**10**	mg/kg	1.0	NA	1	B1L0994	12/30/2011	12/31/11 15:07
1100809-39	G352-1.5	**5.7**	mg/kg	1.0	NA	1	B1L0994	12/30/2011	12/31/11 15:07
1100809-40	G352-2.5	**3.3**	mg/kg	1.0	NA	1	B1L0994	12/30/2011	12/31/11 15:08
1100809-41	G353-0	**15**	mg/kg	1.0	NA	1	B1L0995	12/30/2011	12/31/11 15:15
1100809-42	G353-0.5	**10**	mg/kg	1.0	NA	1	B1L0995	12/30/2011	12/31/11 15:17
1100809-43	G353-1.5	**5.9**	mg/kg	1.0	NA	1	B1L0995	12/30/2011	12/31/11 15:18
1100809-44	G353-2.5	**7.1**	mg/kg	1.0	NA	1	B1L0995	12/30/2011	12/31/11 15:19
1100809-45	G354-0	**7.4**	mg/kg	1.0	NA	1	B1L0995	12/30/2011	12/31/11 15:20
1100809-46	G354-0.5	**4.2**	mg/kg	1.0	NA	1	B1L0995	12/30/2011	12/31/11 15:20
1100809-47	G354-1.5	**5.8**	mg/kg	1.0	NA	1	B1L0995	12/30/2011	12/31/11 15:21
1100809-48	G354-2.5	**6.6**	mg/kg	1.0	NA	1	B1L0995	12/30/2011	12/31/11 15:22
1100809-49	G355-0	**5.9**	mg/kg	1.0	NA	1	B1L0995	12/30/2011	12/31/11 15:23
1100809-50	G355-0.5	**5.3**	mg/kg	1.0	NA	1	B1L0995	12/30/2011	12/31/11 15:23
1100809-51	G355-1.5	**4.8**	mg/kg	1.0	NA	1	B1L0995	12/30/2011	12/31/11 15:28
1100809-52	G355-2.5	**6.2**	mg/kg	1.0	NA	1	B1L0995	12/30/2011	12/31/11 15:28
1100809-53	G356-0	**6.1**	mg/kg	1.0	NA	1	B1L0995	12/30/2011	12/31/11 15:29
1100809-54	G356-0.5	**5.8**	mg/kg	1.0	NA	1	B1L0995	12/30/2011	12/31/11 15:30
1100809-55	G356-1.5	**6.2**	mg/kg	1.0	NA	1	B1L0995	12/30/2011	12/31/11 15:31
1100809-56	G356-2.5	**5.6**	mg/kg	1.0	NA	1	B1L0995	12/30/2011	12/31/11 15:31
1100809-57	G357-0	**6.5**	mg/kg	1.0	NA	1	B1L0995	12/30/2011	12/31/11 15:32
1100809-58	G357-0.5	**5.5**	mg/kg	1.0	NA	1	B1L0995	12/30/2011	12/31/11 15:33
1100809-59	G357-1.5	**15**	mg/kg	1.0	NA	1	B1L0995	12/30/2011	12/31/11 15:34
1100809-60	G357-2.5	**7.7**	mg/kg	1.0	NA	1	B1L0995	12/30/2011	12/31/11 15:36
1100809-61	G358-0	**5.6**	mg/kg	1.0	NA	1	B1L0996	12/30/2011	12/31/11 15:43
1100809-62	G358-0.5	**17**	mg/kg	1.0	NA	1	B1L0996	12/30/2011	12/31/11 15:43
1100809-63	G358-1.5	**2.6**	mg/kg	1.0	NA	1	B1L0996	12/30/2011	12/31/11 15:44
1100809-64	G358-2.5	**5.3**	mg/kg	1.0	NA	1	B1L0996	12/30/2011	12/31/11 15:47
1100809-65	G359-0	**11**	mg/kg	1.0	NA	1	B1L0996	12/30/2011	12/31/11 15:48

1100809-66	G359-0.5	**6.8**	mg/kg	1.0	NA	1	B1L0996	12/30/2011	12/31/11 15:49
1100809-67	G359-1.5	**2.6**	mg/kg	1.0	NA	1	B1L0996	12/30/2011	12/31/11 15:49
1100809-68	G359-2.5	**4.8**	mg/kg	1.0	NA	1	B1L0996	12/30/2011	12/31/11 15:50
1100809-69	G360-0	**13**	mg/kg	1.0	NA	1	B1L0996	12/30/2011	12/31/11 15:51
1100809-70	G360-0.5	**9.6**	mg/kg	1.0	NA	1	B1L0996	12/30/2011	12/31/11 15:52
1100809-71	G360-1.5	**5.9**	mg/kg	1.0	NA	1	B1L0996	12/30/2011	12/31/11 15:54
1100809-72	G360-2.5	**4.3**	mg/kg	1.0	NA	1	B1L0996	12/30/2011	12/31/11 15:57
1100809-73	G361-0	**8.5**	mg/kg	1.0	NA	1	B1L0996	12/30/2011	12/31/11 15:57
1100809-74	G361-0.5	**5.7**	mg/kg	1.0	NA	1	B1L0996	12/30/2011	12/31/11 15:58
1100809-75	G361-1.5	**4.9**	mg/kg	1.0	NA	1	B1L0996	12/30/2011	12/31/11 15:59
1100809-76	G361-2.5	**6.0**	mg/kg	1.0	NA	1	B1L0996	12/30/2011	12/31/11 16:00
1100809-77	G363-0	**8.9**	mg/kg	1.0	NA	1	B1L0996	12/30/2011	12/31/11 16:00
1100809-78	G363-0.5	**11**	mg/kg	1.0	NA	1	B1L0996	12/30/2011	12/31/11 16:01
1100809-79	G363-1.5	**36**	mg/kg	1.0	NA	1	B1L0996	12/30/2011	12/31/11 16:02
1100809-80	G363-2.5	**2.9**	mg/kg	1.0	NA	1	B1L0996	12/30/2011	12/31/11 16:03
1100809-81	G364-0	**10**	mg/kg	1.0	NA	1	B1L0997	12/30/2011	12/31/11 16:11
1100809-82	G364-0.5	**19**	mg/kg	1.0	NA	1	B1L0997	12/30/2011	12/31/11 16:12
1100809-83	G364-1.5	**5.8**	mg/kg	1.0	NA	1	B1L0997	12/30/2011	12/31/11 16:12
1100809-84	G364-2.5	**4.1**	mg/kg	1.0	NA	1	B1L0997	12/30/2011	12/31/11 16:13
1100809-85	G365-0	**30**	mg/kg	1.0	NA	1	B1L0997	12/30/2011	12/31/11 16:14
1100809-86	G365-0.5	**11**	mg/kg	1.0	NA	1	B1L0997	12/30/2011	12/31/11 16:17
1100809-87	G365-1.5	**6.9**	mg/kg	1.0	NA	1	B1L0997	12/30/2011	12/31/11 16:17
1100809-88	G365-2.5	**3.2**	mg/kg	1.0	NA	1	B1L0997	12/30/2011	12/31/11 16:18
1100809-89	G368-0	**6.8**	mg/kg	1.0	NA	1	B1L0997	12/30/2011	12/31/11 16:19
1100809-90	G368-0.5	**11**	mg/kg	1.0	NA	1	B1L0997	12/30/2011	12/31/11 16:20
1100809-91	G368-1.5	**5.5**	mg/kg	1.0	NA	1	B1L0997	12/30/2011	12/31/11 16:22
1100809-92	G368-2.5	**11**	mg/kg	1.0	NA	1	B1L0997	12/30/2011	12/31/11 16:23
1100809-93	G369-0	**7.0**	mg/kg	1.0	NA	1	B1L0997	12/30/2011	12/31/11 16:23
1100809-94	G369-0.5	**15**	mg/kg	1.0	NA	1	B1L0997	12/30/2011	12/31/11 16:26
1100809-95	G369-1.5	**29**	mg/kg	1.0	NA	1	B1L0997	12/30/2011	12/31/11 16:27
1100809-96	G369-2.5	**9.1**	mg/kg	1.0	NA	1	B1L0997	12/30/2011	12/31/11 16:28
1100809-97	G371-0	**5.4**	mg/kg	1.0	NA	1	B1L0997	12/30/2011	12/31/11 16:29
1100809-98	G371-0.5	**26**	mg/kg	1.0	NA	1	B1L0997	12/30/2011	12/31/11 16:29
1100809-99	G371-1.5	**3.8**	mg/kg	1.0	NA	1	B1L0997	12/30/2011	12/31/11 16:30
1100809-AA	G371-2.5	**6.1**	mg/kg	1.0	NA	1	B1L0997	12/30/2011	12/31/11 16:31

1100809-AB	G372-0	**64**	mg/kg	1.0	NA	1	B1L0998	12/30/2011	12/31/11 16:39
1100809-AC	G372-0.5	**7.7**	mg/kg	1.0	NA	1	B1L0998	12/30/2011	12/31/11 16:40
1100809-AD	G372-1.5	**5.7**	mg/kg	1.0	NA	1	B1L0998	12/30/2011	12/31/11 16:41
1100809-AE	G372-2.5	**6.1**	mg/kg	1.0	NA	1	B1L0998	12/30/2011	12/31/11 16:41
1100809-AF	G373-0	**210**	mg/kg	1.0	NA	1	B1L0998	12/30/2011	12/31/11 16:42
1100809-AG	G373-0.5	**89**	mg/kg	1.0	NA	1	B1L0998	12/30/2011	12/31/11 16:43
1100809-AH	G373-1.5	**14**	mg/kg	1.0	NA	1	B1L0998	12/30/2011	12/31/11 16:44
1100809-AI	G373-2.5	**4.9**	mg/kg	1.0	NA	1	B1L0998	12/30/2011	12/31/11 16:46
1100809-AJ	G374-0	**7.3**	mg/kg	1.0	NA	1	B1L0998	12/30/2011	12/31/11 16:47
1100809-AK	G374-0.5	**56**	mg/kg	1.0	NA	1	B1L0998	12/30/2011	12/31/11 16:48
1100809-AL	G374-1.5	**7.6**	mg/kg	1.0	NA	1	B1L0998	12/30/2011	12/31/11 16:50
1100809-AM	G374-2.5	**6.3**	mg/kg	1.0	NA	1	B1L0998	12/30/2011	12/31/11 16:51
1100809-AN	G375-0	**47**	mg/kg	1.0	NA	1	B1L0998	12/30/2011	12/31/11 16:52
1100809-AO	G375-0.5	**71**	mg/kg	1.0	NA	1	B1L0998	12/30/2011	12/31/11 16:52
1100809-AP	G375-1.5	**6.7**	mg/kg	1.0	NA	1	B1L0998	12/30/2011	12/31/11 16:53
1100809-AQ	G375-2.5	**6.0**	mg/kg	1.0	NA	1	B1L0998	12/30/2011	12/31/11 16:56
1100809-AR	G376-0	**180**	mg/kg	1.0	NA	1	B1L0998	12/30/2011	12/31/11 16:57
1100809-AS	G376-0.5	**210**	mg/kg	1.0	NA	1	B1L0998	12/30/2011	12/31/11 16:57
1100809-AT	G376-1.5	**25**	mg/kg	1.0	NA	1	B1L0998	12/30/2011	12/31/11 16:58
1100809-AU	G376-2.5	**5.1**	mg/kg	1.0	NA	1	B1L0998	12/30/2011	12/31/11 16:59
1100809-AV	G377-0	**9.5**	mg/kg	1.0	NA	1	B1L0999	12/30/2011	01/03/12 09:03
1100809-AW	G377-0.5	**9.3**	mg/kg	1.0	NA	1	B1L0999	12/30/2011	01/03/12 09:04
1100809-AX	G377-1.5	**35**	mg/kg	1.0	NA	1	B1L0999	12/30/2011	01/03/12 09:07
1100809-AY	G377-2.5	**3.7**	mg/kg	1.0	NA	1	B1L0999	12/30/2011	01/03/12 09:07
1100809-AZ	G378-0	**110**	mg/kg	1.0	NA	1	B1L0999	12/30/2011	01/03/12 09:08
1100809-BA	G378-0.5	**55**	mg/kg	1.0	NA	1	B1L0999	12/30/2011	01/03/12 09:09
1100809-BB	G378-1.5	**6.2**	mg/kg	1.0	NA	1	B1L0999	12/30/2011	01/03/12 09:10
1100809-BC	G378-2.5	**6.1**	mg/kg	1.0	NA	1	B1L0999	12/30/2011	01/03/12 09:10
1100809-BD	G379-0	**9.0**	mg/kg	1.0	NA	1	B1L0999	12/30/2011	01/03/12 09:11
1100809-BE	G379-0.5	**100**	mg/kg	1.0	NA	1	B1L0999	12/30/2011	01/03/12 09:12
1100809-BF	G379-1.5	**21**	mg/kg	1.0	NA	1	B1L0999	12/30/2011	01/03/12 09:13
1100809-BG	G379-2.5	**6.3**	mg/kg	1.0	NA	1	B1L0999	12/30/2011	01/03/12 09:13
1100809-BH	G380-0	**17**	mg/kg	1.0	NA	1	B1L0999	12/30/2011	01/03/12 09:16
1100809-BI	G380-0.5	**150**	mg/kg	1.0	NA	1	B1L0999	12/30/2011	01/03/12 09:17
1100809-BJ	G380-1.5	**76**	mg/kg	1.0	NA	1	B1L0999	12/30/2011	01/03/12 09:18

1100809-BK	G380-2.5	**5.4**	mg/kg	1.0	NA	1	B1L0999	12/30/2011	01/03/12 09:19
1100809-BL	G381-0	**9.0**	mg/kg	1.0	NA	1	B1L0999	12/30/2011	01/03/12 09:19
1100809-BM	G381-0.5	**17**	mg/kg	1.0	NA	1	B1L0999	12/30/2011	01/03/12 09:20
1100809-BN	G381-1.5	**2.9**	mg/kg	1.0	NA	1	B1L0999	12/30/2011	01/03/12 09:21
1100809-BO	G381-2.5	**4.1**	mg/kg	1.0	NA	1	B1L0999	12/30/2011	01/03/12 09:22
1100809-BP	G382-0	**50**	mg/kg	1.0	NA	1	B1L1000	12/30/2011	01/03/12 09:31
1100809-BQ	G382-0.5	**6.3**	mg/kg	1.0	NA	1	B1L1000	12/30/2011	01/03/12 09:32
1100809-BR	G382-1.5	**4.2**	mg/kg	1.0	NA	1	B1L1000	12/30/2011	01/03/12 09:33
1100809-BS	G382-2.5	**6.3**	mg/kg	1.0	NA	1	B1L1000	12/30/2011	01/03/12 09:34
1100809-CN	G469-0	**130**	mg/kg	1.0	NA	1	B1L1000	12/30/2011	01/03/12 09:36
1100809-CO	G469-0.5	**30**	mg/kg	1.0	NA	1	B1L1000	12/30/2011	01/03/12 09:37
1100809-CP	G469-1.5	**31**	mg/kg	1.0	NA	1	B1L1000	12/30/2011	01/03/12 09:38
1100809-CQ	G469-2.5	**13**	mg/kg	1.0	NA	1	B1L1000	12/30/2011	01/03/12 09:39
1100809-CR	G470-0	**18**	mg/kg	1.0	NA	1	B1L1000	12/30/2011	01/03/12 09:39
1100809-CS	G470-0.5	**19**	mg/kg	1.0	NA	1	B1L1000	12/30/2011	01/03/12 09:40
1100809-CT	G470-1.5	**6.3**	mg/kg	1.0	NA	1	B1L1000	12/30/2011	01/03/12 09:41
1100809-CU	G470-2.5	**21**	mg/kg	1.0	NA	1	B1L1000	12/30/2011	01/03/12 09:42
1100809-CV	G471-0	**68**	mg/kg	1.0	NA	1	B1L1000	12/30/2011	01/03/12 09:42
1100809-CW	G471-0.5	**30**	mg/kg	1.0	NA	1	B1L1000	12/30/2011	01/03/12 09:43
1100809-CX	G471-1.5	**14**	mg/kg	1.0	NA	1	B1L1000	12/30/2011	01/03/12 09:46
1100809-CY	G471-2.5	**39**	mg/kg	1.0	NA	1	B1L1000	12/30/2011	01/03/12 09:47
1100809-CZ	G472-0	**31**	mg/kg	1.0	NA	1	B1L1000	12/30/2011	01/03/12 09:47
1100809-DA	G472-0.5	**17**	mg/kg	1.0	NA	1	B1L1000	12/30/2011	01/03/12 09:48
1100809-DB	G472-1.5	**7.8**	mg/kg	1.0	NA	1	B1L1000	12/30/2011	01/03/12 09:49
1100809-DC	G472-2.5	**5.5**	mg/kg	1.0	NA	1	B1L1000	12/30/2011	01/03/12 09:50
1100809-DD	G473-0	**55**	mg/kg	1.0	NA	1	B1L1001	12/30/2011	01/03/12 10:00
1100809-DE	G473-0.5	**99**	mg/kg	1.0	NA	1	B1L1001	12/30/2011	01/03/12 10:00
1100809-DF	G473-1.5	**9.2**	mg/kg	1.0	NA	1	B1L1001	12/30/2011	01/03/12 10:01
1100809-DG	G473-2.5	**15**	mg/kg	1.0	NA	1	B1L1001	12/30/2011	01/03/12 10:02
1100809-DH	G474-0	**180**	mg/kg	1.0	NA	1	B1L1001	12/30/2011	01/03/12 10:03
1100809-DI	G474-0.5	**29**	mg/kg	1.0	NA	1	B1L1001	12/30/2011	01/03/12 10:03
1100809-DJ	G474-1.5	**16**	mg/kg	1.0	NA	1	B1L1001	12/30/2011	01/03/12 10:06
1100809-DK	G474-2.5	**29**	mg/kg	1.0	NA	1	B1L1001	12/30/2011	01/03/12 10:07
1100809-DL	G475-0	**27**	mg/kg	1.0	NA	1	B1L1001	12/30/2011	01/03/12 10:08
1100809-DM	G475-0.5	**27**	mg/kg	1.0	NA	1	B1L1001	12/30/2011	01/03/12 10:08

1100809-DN	G475-1.5	**14**	mg/kg	1.0	NA	1	B1L1001	12/30/2011	01/03/12 10:09
1100809-DO	G475-2.5	**4.9**	mg/kg	1.0	NA	1	B1L1001	12/30/2011	01/03/12 10:10
1100809-DP	G476-0	**67**	mg/kg	1.0	NA	1	B1L1001	12/30/2011	01/03/12 10:11
1100809-DQ	G476-0.5	**22**	mg/kg	1.0	NA	1	B1L1001	12/30/2011	01/03/12 10:11
1100809-DR	G476-1.5	**9.3**	mg/kg	1.0	NA	1	B1L1001	12/30/2011	01/03/12 10:12
1100809-DS	G476-2.5	**230**	mg/kg	1.0	NA	1	B1L1001	12/30/2011	01/03/12 10:13
1100809-DT	G477-0	**20**	mg/kg	1.0	NA	1	B1L1001	12/30/2011	01/03/12 10:16
1100809-DU	G477-0.5	**12**	mg/kg	1.0	NA	1	B1L1001	12/30/2011	01/03/12 10:16
1100809-DV	G477-1.5	**78**	mg/kg	1.0	NA	1	B1L1001	12/30/2011	01/03/12 10:17
1100809-DW	G477-2.5	**7.4**	mg/kg	1.0	NA	1	B1L1001	12/30/2011	01/03/12 10:18
1100809-DX	G478-0	**6.7**	mg/kg	1.0	NA	1	B1L1002	12/30/2011	01/03/12 10:28
1100809-DY	G478-0.5	**5.4**	mg/kg	1.0	NA	1	B1L1002	12/30/2011	01/03/12 10:28
1100809-DZ	G478-1.5	**16**	mg/kg	1.0	NA	1	B1L1002	12/30/2011	01/03/12 10:29
1100809-EA	G478-2.5	**150**	mg/kg	1.0	NA	1	B1L1002	12/30/2011	01/03/12 10:30
1100809-EB	G479-0	**240**	mg/kg	1.0	NA	1	B1L1002	12/30/2011	01/03/12 10:31
1100809-EC	G479-0.5	**240**	mg/kg	1.0	NA	1	B1L1002	12/30/2011	01/03/12 10:31
1100809-ED	G479-1.5	**9.6**	mg/kg	1.0	NA	1	B1L1002	12/30/2011	01/03/12 10:32
1100809-EE	G479-2.5	**6.6**	mg/kg	1.0	NA	1	B1L1002	12/30/2011	01/03/12 10:33
1100809-EF	G480-0	**8.7**	mg/kg	1.0	NA	1	B1L1002	12/30/2011	01/03/12 10:36
1100809-EG	G480-0.5	**9.0**	mg/kg	1.0	NA	1	B1L1002	12/30/2011	01/03/12 10:37
1100809-EH	G480-1.5	**8.7**	mg/kg	1.0	NA	1	B1L1002	12/30/2011	01/03/12 10:37
1100809-EI	G480-2.5	**7.3**	mg/kg	1.0	NA	1	B1L1002	12/30/2011	01/03/12 10:38
1100809-EJ	G481-0	**220**	mg/kg	1.0	NA	1	B1L1002	12/30/2011	01/03/12 10:39
1100809-EK	G481-0.5	**6.9**	mg/kg	1.0	NA	1	B1L1002	12/30/2011	01/03/12 10:40
1100809-EL	G481-1.5	**7.4**	mg/kg	1.0	NA	1	B1L1002	12/30/2011	01/03/12 10:40
1100809-EM	G481-2.5	**230**	mg/kg	1.0	NA	1	B1L1002	12/30/2011	01/03/12 10:41
1100809-EN	G482-0	**12**	mg/kg	1.0	NA	1	B1L1002	12/30/2011	01/03/12 10:42
1100809-EO	G482-0.5	**8.6**	mg/kg	1.0	NA	1	B1L1002	12/30/2011	01/03/12 10:43
1100809-EP	G482-1.5	**240**	mg/kg	1.0	NA	1	B1L1002	12/30/2011	01/03/12 10:45
1100809-EQ	G482-2.5	**6.3**	mg/kg	1.0	NA	1	B1L1002	12/30/2011	01/03/12 10:46
1100809-ER	G483-0	**6.3**	mg/kg	1.0	NA	1	B1L1003	12/30/2011	01/03/12 10:56
1100809-ES	G483-0.5	**7.6**	mg/kg	1.0	NA	1	B1L1003	12/30/2011	01/03/12 10:57
1100809-ET	G483-1.5	**39**	mg/kg	1.0	NA	1	B1L1003	12/30/2011	01/03/12 10:58
1100809-EU	G483-2.5	**120**	mg/kg	1.0	NA	1	B1L1003	12/30/2011	01/03/12 10:58
1100809-EV	G484-0	**250**	mg/kg	1.0	NA	1	B1L1003	12/30/2011	01/03/12 10:59

1100809-EW	G484-0.5	**250**	mg/kg	1.0	NA	1	B1L1003	12/30/2011	01/03/12 11:00
1100809-EX	G484-1.5	**6.7**	mg/kg	1.0	NA	1	B1L1003	12/30/2011	01/03/12 11:01
1100809-EY	G484-2.5	**8.0**	mg/kg	1.0	NA	1	B1L1003	12/30/2011	01/03/12 11:01
1100809-EZ	G485-0	**6.4**	mg/kg	1.0	NA	1	B1L1003	12/30/2011	01/03/12 11:02
1100809-FA	G485-0.5	**35**	mg/kg	1.0	NA	1	B1L1003	12/30/2011	01/03/12 11:03
1100809-FB	G485-1.5	**5.6**	mg/kg	1.0	NA	1	B1L1003	12/30/2011	01/03/12 11:06
1100809-FC	G485-2.5	**8.0**	mg/kg	1.0	NA	1	B1L1003	12/30/2011	01/03/12 11:06
1100809-FD	G486-0	**8.2**	mg/kg	1.0	NA	1	B1L1003	12/30/2011	01/03/12 11:07
1100809-FE	G486-0.5	**40**	mg/kg	1.0	NA	1	B1L1003	12/30/2011	01/03/12 11:08
1100809-FF	G486-1.5	**21**	mg/kg	1.0	NA	1	B1L1003	12/30/2011	01/03/12 11:09
1100809-FG	G486-2.5	**240**	mg/kg	1.0	NA	1	B1L1003	12/30/2011	01/03/12 11:09
1100809-FH	G487-0	**23**	mg/kg	1.0	NA	1	B1L1003	12/30/2011	01/03/12 11:10
1100809-FI	G487-0.5	**29**	mg/kg	1.0	NA	1	B1L1003	12/30/2011	01/03/12 11:11
1100809-FJ	G487-1.5	**170**	mg/kg	1.0	NA	1	B1L1003	12/30/2011	01/03/12 11:12
1100809-FK	G487-2.5	**16**	mg/kg	1.0	NA	1	B1L1003	12/30/2011	01/03/12 11:12
1100809-FL	G488-0	**4.7**	mg/kg	1.0	NA	1	B1L1004	12/30/2011	01/03/12 11:22
1100809-FM	G488-0.5	**6.7**	mg/kg	1.0	NA	1	B1L1004	12/30/2011	01/03/12 11:23
1100809-FN	G488-1.5	**7.4**	mg/kg	1.0	NA	1	B1L1004	12/30/2011	01/03/12 11:26
1100809-FO	G488-2.5	**13**	mg/kg	1.0	NA	1	B1L1004	12/30/2011	01/03/12 11:26
1100809-FP	G489-0	**250**	mg/kg	1.0	NA	1	B1L1004	12/30/2011	01/03/12 11:27
1100809-FQ	G489-0.5	**250**	mg/kg	1.0	NA	1	B1L1004	12/30/2011	01/03/12 11:28
1100809-FR	G489-1.5	**55**	mg/kg	1.0	NA	1	B1L1004	12/30/2011	01/03/12 11:29
1100809-FS	G489-2.5	**30**	mg/kg	1.0	NA	1	B1L1004	12/30/2011	01/03/12 11:29
1100809-FT	G490-0	**19**	mg/kg	1.0	NA	1	B1L1004	12/30/2011	01/03/12 11:30
1100809-FU	G490-0.5	**18**	mg/kg	1.0	NA	1	B1L1004	12/30/2011	01/03/12 11:31
1100809-FV	G490-1.5	**11**	mg/kg	1.0	NA	1	B1L1004	12/30/2011	01/03/12 11:32
1100809-FW	G490-2.5	**8.0**	mg/kg	1.0	NA	1	B1L1004	12/30/2011	01/03/12 11:32
1100809-FX	G491-0	**260**	mg/kg	1.0	NA	1	B1L1004	12/30/2011	01/03/12 11:35
1100809-FY	G491-0.5	**33**	mg/kg	1.0	NA	1	B1L1004	12/30/2011	01/03/12 11:36
1100809-FZ	G491-1.5	**6.9**	mg/kg	1.0	NA	1	B1L1004	12/30/2011	01/03/12 11:37
1100809-GA	G491-2.5	**5.9**	mg/kg	1.0	NA	1	B1L1004	12/30/2011	01/03/12 11:37
1100809-GB	G492-0	**26**	mg/kg	1.0	NA	1	B1L1004	12/30/2011	01/03/12 11:38
1100809-GC	G492-0.5	**20**	mg/kg	1.0	NA	1	B1L1004	12/30/2011	01/03/12 11:39
1100809-GD	G492-1.5	**7.5**	mg/kg	1.0	NA	1	B1L1004	12/30/2011	01/03/12 11:40
1100809-GE	G492-2.5	**7.2**	mg/kg	1.0	NA	1	B1L1004	12/30/2011	01/03/12 11:40

1100809-GF	G493-0	**28**	mg/kg	1.0	NA	1	B1L1005	12/30/2011	01/03/12 11:50
1100809-GG	G493-0.5	**27**	mg/kg	1.0	NA	1	B1L1005	12/30/2011	01/03/12 11:51
1100809-GH	G493-1.5	**5.7**	mg/kg	1.0	NA	1	B1L1005	12/30/2011	01/03/12 11:52
1100809-GI	G493-2.5	**10**	mg/kg	1.0	NA	1	B1L1005	12/30/2011	01/03/12 11:53
1100809-GJ	G494-0	**19**	mg/kg	1.0	NA	1	B1L1005	12/30/2011	01/03/12 11:55
1100809-GK	G494-0.5	**29**	mg/kg	1.0	NA	1	B1L1005	12/30/2011	01/03/12 11:56
1100809-GL	G494-1.5	**8.5**	mg/kg	1.0	NA	1	B1L1005	12/30/2011	01/03/12 11:57
1100809-GM	G494-2.5	**12**	mg/kg	1.0	NA	1	B1L1005	12/30/2011	01/03/12 11:58
1100809-GN	G495-0	**810**	mg/kg	1.0	NA	1	B1L1005	12/30/2011	01/03/12 11:58
1100809-GO	G495-0.5	**14**	mg/kg	1.0	NA	1	B1L1005	12/30/2011	01/03/12 11:59
1100809-GP	G495-1.5	**7.4**	mg/kg	1.0	NA	1	B1L1005	12/30/2011	01/03/12 12:00
1100809-GQ	G495-2.5	**6.5**	mg/kg	1.0	NA	1	B1L1005	12/30/2011	01/03/12 12:01
1100809-GR	G496-0	**10**	mg/kg	1.0	NA	1	B1L1005	12/30/2011	01/03/12 12:01
1100809-GS	G496-0.5	**3.0**	mg/kg	1.0	NA	1	B1L1005	12/30/2011	01/03/12 12:02
1100809-GT	G496-1.5	**2.1**	mg/kg	1.0	NA	1	B1L1005	12/30/2011	01/03/12 12:05
1100809-GU	G496-2.5	**7.4**	mg/kg	1.0	NA	1	B1L1005	12/30/2011	01/03/12 12:06
1100809-GV	G497-0	**35**	mg/kg	1.0	NA	1	B1L1005	12/30/2011	01/03/12 12:06
1100809-GW	G497-0.5	**6.9**	mg/kg	1.0	NA	1	B1L1005	12/30/2011	01/03/12 12:07
1100809-GX	G497-1.5	**7.3**	mg/kg	1.0	NA	1	B1L1005	12/30/2011	01/03/12 12:08
1100809-GY	G497-2.5	**14**	mg/kg	1.0	NA	1	B1L1005	12/30/2011	01/03/12 12:09
1100809-GZ	G498-0	**18**	mg/kg	1.0	NA	1	B1L1006	12/30/2011	01/03/12 12:18
1100809-HA	G498-0.5	**4.2**	mg/kg	1.0	NA	1	B1L1006	12/30/2011	01/03/12 12:19
1100809-HB	G498-1.5	**2.1**	mg/kg	1.0	NA	1	B1L1006	12/30/2011	01/03/12 12:20
1100809-HC	G498-2.5	**7.1**	mg/kg	1.0	NA	1	B1L1006	12/30/2011	01/03/12 12:21
1100809-HD	G499-0	**12**	mg/kg	1.0	NA	1	B1L1006	12/30/2011	01/03/12 12:21
1100809-HE	G499-0.5	**9.8**	mg/kg	1.0	NA	1	B1L1006	12/30/2011	01/03/12 12:22
1100809-HF	G499-1.5	**4.4**	mg/kg	1.0	NA	1	B1L1006	12/30/2011	01/03/12 12:25
1100809-HG	G499-2.5	**3.9**	mg/kg	1.0	NA	1	B1L1006	12/30/2011	01/03/12 12:26
1100809-HH	G500-0	**17**	mg/kg	1.0	NA	1	B1L1006	12/30/2011	01/03/12 12:27
1100809-HI	G500-0.5	**5.2**	mg/kg	1.0	NA	1	B1L1006	12/30/2011	01/03/12 12:27
1100809-HJ	G500-1.5	**2.5**	mg/kg	1.0	NA	1	B1L1006	12/30/2011	01/03/12 12:28
1100809-HK	G500-2.5	**18**	mg/kg	1.0	NA	1	B1L1006	12/30/2011	01/03/12 12:29
1100809-HL	G502-0	**15**	mg/kg	1.0	NA	1	B1L1006	12/30/2011	01/03/12 12:30
1100809-HM	G502-0.5	**4.7**	mg/kg	1.0	NA	1	B1L1006	12/30/2011	01/03/12 12:30
1100809-HN	G502-1.5	**1.9**	mg/kg	1.0	NA	1	B1L1006	12/30/2011	01/03/12 12:31

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1100809-HO	G502-2.5	**2.0**	mg/kg	1.0	NA	1	B1L1006	12/30/2011	01/03/12 12:32
1100809-HP	G504-0	**8.2**	mg/kg	1.0	NA	1	B1L1006	12/30/2011	01/03/12 12:35
1100809-HQ	G504-0.5	**3.2**	mg/kg	1.0	NA	1	B1L1006	12/30/2011	01/03/12 12:35
1100809-HR	G504-1.5	**2.2**	mg/kg	1.0	NA	1	B1L1006	12/30/2011	01/03/12 12:36
1100809-HS	G504-2.5	**24**	mg/kg	1.0	NA	1	B1L1006	12/30/2011	01/03/12 12:37
1100809-HT	G506-0	**28**	mg/kg	1.0	NA	1	B1L1007	12/30/2011	01/02/12 16:26
1100809-HU	G506-0.5	**11**	mg/kg	1.0	NA	1	B1L1007	12/30/2011	01/02/12 16:27
1100809-HV	G506-1.5	**2.1**	mg/kg	1.0	NA	1	B1L1007	12/30/2011	01/02/12 16:27
1100809-HW	G506-2.5	**3.3**	mg/kg	1.0	NA	1	B1L1007	12/30/2011	01/02/12 16:28
1100809-HX	G508-0	**38**	mg/kg	1.0	NA	1	B1L1007	12/30/2011	01/02/12 16:29
1100809-HY	G508-0.5	**51**	mg/kg	1.0	NA	1	B1L1007	12/30/2011	01/02/12 16:30
1100809-HZ	G508-1.5	**2.2**	mg/kg	1.0	NA	1	B1L1007	12/30/2011	01/02/12 16:30
1100809-IA	G508-2.5	**2.0**	mg/kg	1.0	NA	1	B1L1007	12/30/2011	01/02/12 16:33

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Mercury by AA (Cold Vapor) EPA 7471

Analyte: Mercury **Analyst: VV**

Laboratory ID	Client Sample ID	Result	Units	PQL	MDL	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1100809-BT	G418-0	**ND**	mg/kg	0.10	NA	1	B1L0970	12/31/2011	12/31/11 18:14	
1100809-BU	G418-0.5	**ND**	mg/kg	0.10	NA	1	B1L0970	12/31/2011	12/31/11 18:16	
1100809-BV	G418-1.5	**ND**	mg/kg	0.10	NA	1	B1L0970	12/31/2011	12/31/11 18:18	
1100809-BW	G418-2.5	**ND**	mg/kg	0.10	NA	1	B1L0970	12/31/2011	12/31/11 18:20	
1100809-BX	G420-0	**ND**	mg/kg	0.10	NA	1	B1L0970	12/31/2011	12/31/11 18:22	
1100809-BY	G420-0.5	**0.28**	mg/kg	0.10	NA	1	B1L0970	12/31/2011	12/31/11 18:24	
1100809-BZ	G420-1.5	**0.22**	mg/kg	0.10	NA	1	B1L0970	12/31/2011	12/31/11 18:30	
1100809-CA	G420-2.5	**ND**	mg/kg	0.10	NA	1	B1L0970	12/31/2011	12/31/11 18:06	
1100809-CB	G422-0	**ND**	mg/kg	0.10	NA	1	B1L0971	12/31/2011	12/31/11 18:46	
1100809-CC	G422-0.5	**0.11**	mg/kg	0.10	NA	1	B1L0971	12/31/2011	12/31/11 18:48	
1100809-CD	G424-0	**ND**	mg/kg	0.10	NA	1	B1L0971	12/31/2011	12/31/11 18:54	
1100809-CE	G424-0.5	**0.14**	mg/kg	0.10	NA	1	B1L0971	12/31/2011	12/31/11 18:56	
1100809-CF	G424-1.5	**ND**	mg/kg	0.10	NA	1	B1L0971	12/31/2011	12/31/11 18:58	
1100809-CG	G424-2.5	**0.26**	mg/kg	0.10	NA	1	B1L0971	12/31/2011	12/31/11 19:00	
1100809-CH	G426-0	**ND**	mg/kg	0.10	NA	1	B1L0971	12/31/2011	12/31/11 19:01	
1100809-CI	G426-0.5	**ND**	mg/kg	0.10	NA	1	B1L0971	12/31/2011	12/31/11 19:03	
1100809-CJ	G426-1.5	**ND**	mg/kg	0.10	NA	1	B1L0971	12/31/2011	12/31/11 19:05	
1100809-CK	G426-2.5	**ND**	mg/kg	0.10	NA	1	B1L0971	12/31/2011	12/31/11 18:42	
1100809-CL	G427-0	**ND**	mg/kg	0.10	NA	1	B1L0972	12/31/2011	12/31/11 19:25	
1100809-CM	G427-0.5	**ND**	mg/kg	0.10	NA	1	B1L0972	12/31/2011	12/31/11 19:21	

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pH by EPA 9045C

Analyte: pH **Analyst: LA**

Laboratory ID	Client Sample ID	Result	Units	PQL	MDL	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1100809-10	G345-0.5	**5.3**	pH Units	0.10	NA	1	B1L0909	12/28/2011	12/28/11 16:37	
1100809-20	G347-2.5	**8.3**	pH Units	0.10	NA	1	B1L0909	12/28/2011	12/28/11 16:37	
1100809-30	G350-0.5	**10**	pH Units	0.10	NA	1	B1L0909	12/28/2011	12/28/11 16:37	
1100809-40	G352-2.5	**8.2**	pH Units	0.10	NA	1	B1L0909	12/28/2011	12/28/11 16:37	
1100809-50	G355-0.5	**7.1**	pH Units	0.10	NA	1	B1L0909	12/28/2011	12/28/11 16:37	
1100809-60	G357-2.5	**6.8**	pH Units	0.10	NA	1	B1L0909	12/28/2011	12/28/11 16:37	
1100809-70	G360-0.5	**8.3**	pH Units	0.10	NA	1	B1L0909	12/28/2011	12/28/11 16:37	
1100809-80	G363-2.5	**7.6**	pH Units	0.10	NA	1	B1L0909	12/28/2011	12/28/11 16:37	
1100809-90	G368-0.5	**8.5**	pH Units	0.10	NA	1	B1L0909	12/28/2011	12/28/11 16:37	
1100809-AA	G371-2.5	**8.6**	pH Units	0.10	NA	1	B1L0909	12/28/2011	12/28/11 16:37	
1100809-AK	G374-0.5	**7.5**	pH Units	0.10	NA	1	B1L0911	12/28/2011	12/28/11 16:40	
1100809-AU	G376-2.5	**7.8**	pH Units	0.10	NA	1	B1L0911	12/28/2011	12/28/11 16:40	
1100809-BE	G379-0.5	**8.1**	pH Units	0.10	NA	1	B1L0911	12/28/2011	12/28/11 16:40	
1100809-BO	G381-2.5	**8.3**	pH Units	0.10	NA	1	B1L0911	12/28/2011	12/28/11 16:40	
1100809-BY	G420-0.5	**8.4**	pH Units	0.10	NA	1	B1L0911	12/28/2011	12/28/11 16:40	
1100809-CI	G426-0.5	**8.2**	pH Units	0.10	NA	1	B1L0911	12/28/2011	12/28/11 16:40	
1100809-CS	G470-0.5	**7.9**	pH Units	0.10	NA	1	B1L0911	12/28/2011	12/28/11 16:40	
1100809-DC	G472-2.5	**8.0**	pH Units	0.10	NA	1	B1L0911	12/28/2011	12/28/11 16:40	
1100809-DM	G475-0.5	**7.6**	pH Units	0.10	NA	1	B1L0911	12/28/2011	12/28/11 16:40	
1100809-DW	G477-2.5	**7.8**	pH Units	0.10	NA	1	B1L0911	12/28/2011	12/28/11 16:40	
1100809-EG	G480-0.5	**7.0**	pH Units	0.10	NA	1	B1L0912	12/28/2011	12/28/11 16:43	
1100809-EQ	G482-2.5	**7.9**	pH Units	0.10	NA	1	B1L0912	12/28/2011	12/28/11 16:43	
1100809-FA	G485-0.5	**8.1**	pH Units	0.10	NA	1	B1L0912	12/28/2011	12/28/11 16:43	
1100809-FK	G487-2.5	**7.2**	pH Units	0.10	NA	1	B1L0912	12/28/2011	12/28/11 16:43	
1100809-FU	G490-0.5	**7.5**	pH Units	0.10	NA	1	B1L0912	12/28/2011	12/28/11 16:43	
1100809-GE	G492-2.5	**7.1**	pH Units	0.10	NA	1	B1L0912	12/28/2011	12/28/11 16:43	
1100809-GO	G495-0.5	**8.1**	pH Units	0.10	NA	1	B1L0912	12/28/2011	12/28/11 16:43	
1100809-GY	G497-2.5	**8.3**	pH Units	0.10	NA	1	B1L0912	12/28/2011	12/28/11 16:43	
1100809-HI	G500-0.5	**8.8**	pH Units	0.10	NA	1	B1L0912	12/28/2011	12/28/11 16:43	
1100809-HS	G504-2.5	**7.3**	pH Units	0.10	NA	1	B1L0912	12/28/2011	12/28/11 16:43	

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1100809-IA	G508-2.5	**7.2**	pH Units	0.10	NA	1	B1L0913	12/28/2011	12/28/11 16:45

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QUALITY CONTROL SECTION

Total Metals by ICP-AES EPA 6010B - Quality Control

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0950 - EPA 3050B									
Blank (B1L0950-BLK1)					Prepared: 12/29/2011 Analyzed: 12/30/2011				
Antimony	ND	2.0			NR				
Arsenic	ND	1.0			NR				
Barium	ND	1.0			NR				
Beryllium	ND	1.0			NR				
Cadmium	ND	1.0			NR				
Chromium	ND	1.0			NR				
Cobalt	ND	1.0			NR				
Copper	ND	2.0			NR				
Lead	ND	1.0			NR				
Molybdenum	ND	1.0			NR				
Nickel	ND	1.0			NR				
Selenium	ND	1.0			NR				
Silver	ND	1.0			NR				
Thallium	ND	1.0			NR				
Vanadium	ND	1.0			NR				
Zinc	ND	1.0			NR				
LCS (B1L0950-BS1)					Prepared: 12/29/2011 Analyzed: 12/30/2011				
Antimony	44	2.0	50.0		87.7	80 - 120			
Arsenic	44	1.0	50.0		88.2	80 - 120			
Barium	48	1.0	50.0		95.9	80 - 120			
Beryllium	46	1.0	50.0		92.4	80 - 120			
Cadmium	46	1.0	50.0		91.9	80 - 120			
Chromium	46	1.0	50.0		91.8	80 - 120			
Cobalt	45	1.0	50.0		89.2	80 - 120			
Copper	47	2.0	50.0		93.7	80 - 120			
Lead	46	1.0	50.0		92.2	80 - 120			
Molybdenum	47	1.0	50.0		95.0	80 - 120			
Nickel	44	1.0	50.0		88.6	80 - 120			
Selenium	43	1.0	50.0		85.4	80 - 120			
Silver	47	1.0	50.0		94.5	80 - 120			
Thallium	46	1.0	50.0		92.6	80 - 120			
Vanadium	47	1.0	50.0		93.8	80 - 120			
Zinc	46	1.0	50.0		91.7	80 - 120			
Duplicate (B1L0950-DUP1)		**Source: 1100809-CA**			Prepared: 12/29/2011 Analyzed: 12/30/2011				
Antimony	ND	2.0		ND	NR			20	
Arsenic	3.5	1.0		2.8	NR		20.5	20	R
Barium	35	1.0		32	NR		7.40	20	
Beryllium	ND	1.0		ND	NR			20	
Cadmium	ND	1.0		ND	NR			20	
Chromium	14	1.0		20	NR		32.3	20	R

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Total Metals by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0950 - EPA 3050B (continued)									
Duplicate (B1L0950-DUP1) - Continued		**Source: 1100809-CA**			Prepared: 12/29/2011 Analyzed: 12/30/2011				
Cobalt	4.6	1.0		5.6	NR		21.0	20	R
Copper	4.5	2.0		4.9	NR		8.41	20	
Lead	2.1	1.0		2.2	NR		5.15	20	
Molybdenum	ND	1.0		ND	NR			20	
Nickel	20	1.0		30	NR		43.6	20	R
Selenium	ND	1.0		ND	NR			20	
Silver	0.08	1.0		0.06	NR		19.2	20	
Thallium	ND	1.0		ND	NR			20	
Vanadium	19	1.0		20	NR		7.19	20	
Zinc	21	1.0		22	NR		6.51	20	
Matrix Spike (B1L0950-MS1)		**Source: 1100809-CA**			Prepared: 12/29/2011 Analyzed: 12/30/2011				
Antimony	94	2.0	125	ND	75.5	44 - 105			
Arsenic	99	1.0	125	2.8	77.1	57 - 103			
Barium	130	1.0	125	32	82.0	36 - 134			
Beryllium	100	1.0	125	ND	80.7	64 - 106			
Cadmium	97	1.0	125	ND	77.8	58 - 102			
Chromium	120	1.0	125	20	76.8	55 - 105			
Cobalt	100	1.0	125	5.6	79.2	59 - 105			
Copper	110	2.0	125	4.9	82.2	64 - 117			
Lead	110	1.0	125	2.2	82.7	46 - 116			
Molybdenum	100	1.0	125	ND	82.7	59 - 108			
Nickel	120	1.0	125	30	69.7	52 - 109			
Selenium	97	1.0	125	ND	77.8	56 - 100			
Silver	100	1.0	125	0.06	80.6	65 - 107			
Thallium	100	1.0	125	ND	81.4	47 - 100			
Vanadium	120	1.0	125	20	79.0	64 - 110			
Zinc	120	1.0	125	22	76.9	37 - 123			
Matrix Spike Dup (B1L0950-MSD1)		**Source: 1100809-CA**			Prepared: 12/29/2011 Analyzed: 12/30/2011				
Antimony	100	2.0	125	ND	82.7	44 - 105	9.05	20	
Arsenic	110	1.0	125	2.8	86.7	57 - 103	11.3	20	
Barium	140	1.0	125	32	86.4	36 - 134	4.01	20	
Beryllium	110	1.0	125	ND	87.9	64 - 106	8.46	20	
Cadmium	110	1.0	125	ND	85.5	58 - 102	9.47	20	
Chromium	120	1.0	125	20	82.7	55 - 105	6.11	20	
Cobalt	110	1.0	125	5.6	86.3	59 - 105	8.11	20	
Copper	120	2.0	125	4.9	89.7	64 - 117	8.27	20	
Lead	120	1.0	125	2.2	90.6	46 - 116	8.90	20	
Molybdenum	110	1.0	125	ND	90.4	59 - 108	8.89	20	
Nickel	130	1.0	125	30	76.3	52 - 109	6.85	20	
Selenium	110	1.0	125	ND	85.2	56 - 100	9.04	20	
Silver	110	1.0	125	0.06	86.9	65 - 107	7.57	20	

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Total Metals by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0950 - EPA 3050B (continued)									
Matrix Spike Dup (B1L0950-MSD1) - Continued		**Source: 1100809-CA**			Prepared: 12/29/2011 Analyzed: 12/30/2011				
Thallium	110	1.0	125	ND	89.7	47 - 100	9.64	20	
Vanadium	130	1.0	125	20	87.9	64 - 110	8.97	20	
Zinc	130	1.0	125	22	85.7	37 - 123	8.88	20	
Batch B1L0951 - EPA 3050B									
Blank (B1L0951-BLK1)					Prepared: 12/29/2011 Analyzed: 1/3/2012				
Antimony	ND	2.0			NR				
Arsenic	ND	1.0			NR				
Barium	ND	1.0			NR				
Beryllium	ND	1.0			NR				
Cadmium	ND	1.0			NR				
Chromium	ND	1.0			NR				
Cobalt	ND	1.0			NR				
Copper	ND	2.0			NR				
Lead	ND	1.0			NR				
Molybdenum	ND	1.0			NR				
Nickel	ND	1.0			NR				
Selenium	ND	1.0			NR				
Silver	ND	1.0			NR				
Thallium	ND	1.0			NR				
Vanadium	ND	1.0			NR				
Zinc	ND	1.0			NR				
LCS (B1L0951-BS1)					Prepared: 12/29/2011 Analyzed: 1/3/2012				
Antimony	46	2.0	50.0		92.6	80 - 120			
Arsenic	45	1.0	50.0		90.9	80 - 120			
Barium	50	1.0	50.0		100	80 - 120			
Beryllium	48	1.0	50.0		95.6	80 - 120			
Cadmium	47	1.0	50.0		94.5	80 - 120			
Chromium	47	1.0	50.0		95.0	80 - 120			
Cobalt	47	1.0	50.0		94.5	80 - 120			
Copper	49	2.0	50.0		98.3	80 - 120			
Lead	48	1.0	50.0		96.6	80 - 120			
Molybdenum	50	1.0	50.0		99.5	80 - 120			
Nickel	46	1.0	50.0		92.6	80 - 120			
Selenium	45	1.0	50.0		89.6	80 - 120			
Silver	47	1.0	50.0		95.0	80 - 120			
Thallium	49	1.0	50.0		97.6	80 - 120			
Vanadium	49	1.0	50.0		98.7	80 - 120			
Zinc	47	1.0	50.0		94.7	80 - 120			
Duplicate (B1L0951-DUP1)		**Source: 1100809-CK**			Prepared: 12/29/2011 Analyzed: 1/3/2012				
Antimony	ND	2.0		ND	NR			20	

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Total Metals by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0951 - EPA 3050B (continued)									
Duplicate (B1L0951-DUP1) - Continued		**Source: 1100809-CK**			Prepared: 12/29/2011 Analyzed: 1/3/2012				
Arsenic	2.6	1.0		2.5	NR		4.54	20	
Barium	130	1.0		120	NR		9.59	20	
Beryllium	ND	1.0		ND	NR			20	
Cadmium	ND	1.0		ND	NR			20	
Chromium	29	1.0		29	NR		2.47	20	
Cobalt	9.8	1.0		11	NR		7.69	20	
Copper	18	2.0		18	NR		2.74	20	
Lead	16	1.0		14	NR		20.0	20	
Molybdenum	ND	1.0		ND	NR			20	
Nickel	60	1.0		60	NR		0.684	20	
Selenium	ND	1.0		ND	NR			20	
Silver	0.11	1.0		0.14	NR		22.5	20	R
Thallium	ND	1.0		ND	NR			20	
Vanadium	25	1.0		21	NR		15.2	20	
Zinc	57	1.0		51	NR		10.9	20	
Matrix Spike (B1L0951-MS1)		**Source: 1100809-CK**			Prepared: 12/29/2011 Analyzed: 1/3/2012				
Antimony	79	2.0	125	ND	62.8	44 - 105			
Arsenic	96	1.0	125	2.5	74.8	57 - 103			
Barium	230	1.0	125	120	86.2	36 - 134			
Beryllium	100	1.0	125	ND	79.8	64 - 106			
Cadmium	93	1.0	125	ND	74.7	58 - 102			
Chromium	130	1.0	125	29	78.8	55 - 105			
Cobalt	110	1.0	125	11	77.8	59 - 105			
Copper	120	2.0	125	18	83.2	64 - 117			
Lead	120	1.0	125	14	84.6	46 - 116			
Molybdenum	98	1.0	125	ND	78.3	59 - 108			
Nickel	150	1.0	125	60	75.9	52 - 109			
Selenium	93	1.0	125	ND	74.3	56 - 100			
Silver	100	1.0	125	0.14	81.1	65 - 107			
Thallium	93	1.0	125	ND	74.0	47 - 100			
Vanadium	120	1.0	125	21	80.9	64 - 110			
Zinc	140	1.0	125	51	74.9	37 - 123			
Matrix Spike Dup (B1L0951-MSD1)		**Source: 1100809-CK**			Prepared: 12/29/2011 Analyzed: 1/3/2012				
Antimony	78	2.0	125	ND	62.8	44 - 105	0.0601	20	
Arsenic	96	1.0	125	2.5	74.7	57 - 103	0.120	20	
Barium	230	1.0	125	120	84.2	36 - 134	1.10	20	
Beryllium	98	1.0	125	ND	78.5	64 - 106	1.53	20	
Cadmium	92	1.0	125	ND	73.3	58 - 102	1.96	20	
Chromium	130	1.0	125	29	82.2	55 - 105	3.27	20	
Cobalt	100	1.0	125	11	75.3	59 - 105	2.97	20	
Copper	120	2.0	125	18	83.9	64 - 117	0.755	20	

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Total Metals by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0951 - EPA 3050B (continued)									
Matrix Spike Dup (B1L0951-MSD1) - Continued		**Source: 1100809-CK**			Prepared: 12/29/2011 Analyzed: 1/3/2012				
Lead	120	1.0	125	14	84.4	46 - 116	0.189	20	
Molybdenum	97	1.0	125	ND	77.6	59 - 108	0.915	20	
Nickel	150	1.0	125	60	75.7	52 - 109	0.162	20	
Selenium	92	1.0	125	ND	73.7	56 - 100	0.793	20	
Silver	100	1.0	125	0.14	80.5	65 - 107	0.795	20	
Thallium	93	1.0	125	ND	74.3	47 - 100	0.384	20	
Vanadium	120	1.0	125	21	81.8	64 - 110	0.941	20	
Zinc	140	1.0	125	51	75.2	37 - 123	0.191	20	
Batch B1L0952 - EPA 3050B									
Blank (B1L0952-BLK1)					Prepared: 1/3/2012 Analyzed: 1/3/2012				
Antimony	ND	2.0			NR				
Arsenic	ND	1.0			NR				
Barium	ND	1.0			NR				
Beryllium	ND	1.0			NR				
Cadmium	ND	1.0			NR				
Chromium	ND	1.0			NR				
Cobalt	ND	1.0			NR				
Copper	ND	2.0			NR				
Lead	ND	1.0			NR				
Molybdenum	ND	1.0			NR				
Nickel	ND	1.0			NR				
Selenium	ND	1.0			NR				
Silver	ND	1.0			NR				
Thallium	ND	1.0			NR				
Vanadium	ND	1.0			NR				
Zinc	ND	1.0			NR				
LCS (B1L0952-BS1)					Prepared: 1/3/2012 Analyzed: 1/3/2012				
Antimony	46	2.0	50.0		91.5	80 - 120			
Arsenic	45	1.0	50.0		90.7	80 - 120			
Barium	49	1.0	50.0		98.5	80 - 120			
Beryllium	49	1.0	50.0		98.1	80 - 120			
Cadmium	47	1.0	50.0		93.8	80 - 120			
Chromium	49	1.0	50.0		97.4	80 - 120			
Cobalt	48	1.0	50.0		95.6	80 - 120			
Copper	49	2.0	50.0		97.1	80 - 120			
Lead	49	1.0	50.0		97.3	80 - 120			
Molybdenum	49	1.0	50.0		98.2	80 - 120			
Nickel	47	1.0	50.0		93.2	80 - 120			
Selenium	44	1.0	50.0		88.6	80 - 120			
Silver	47	1.0	50.0		93.0	80 - 120			
Thallium	48	1.0	50.0		96.7	80 - 120			

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Total Metals by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0952 - EPA 3050B (continued)									
LCS (B1L0952-BS1) - Continued					Prepared: 1/3/2012 Analyzed: 1/3/2012				
Vanadium	49	1.0	50.0		98.2	80 - 120			
Zinc	47	1.0	50.0		94.3	80 - 120			
Duplicate (B1L0952-DUP1)		**Source: 1100809-CM**			Prepared: 1/3/2012 Analyzed: 1/3/2012				
Antimony	1.3	2.0		1.8	NR		27.1	20	R
Arsenic	3.4	1.0		3.9	NR		13.4	20	
Barium	59	1.0		63	NR		6.97	20	
Beryllium	ND	1.0		ND	NR			20	
Cadmium	0.53	1.0		0.47	NR		13.3	20	
Chromium	45	1.0		41	NR		9.21	20	
Cobalt	7.5	1.0		7.1	NR		6.02	20	
Copper	16	2.0		14	NR		12.4	20	
Lead	9.6	1.0		6.2	NR		43.4	20	R
Molybdenum	ND	1.0		ND	NR			20	
Nickel	69	1.0		66	NR		5.31	20	
Selenium	ND	1.0		ND	NR			20	
Silver	ND	1.0		ND	NR			20	
Thallium	ND	1.0		ND	NR			20	
Vanadium	26	1.0		25	NR		4.89	20	
Zinc	33	1.0		29	NR		14.5	20	
Matrix Spike (B1L0952-MS1)		**Source: 1100809-CM**			Prepared: 1/3/2012 Analyzed: 1/3/2012				
Antimony	90	2.0	125	1.8	70.7	44 - 105			
Arsenic	98	1.0	125	3.9	75.4	57 - 103			
Barium	170	1.0	125	63	83.2	36 - 134			
Beryllium	100	1.0	125	ND	83.2	64 - 106			
Cadmium	97	1.0	125	0.47	76.9	58 - 102			
Chromium	160	1.0	125	41	94.5	55 - 105			
Cobalt	110	1.0	125	7.1	80.8	59 - 105			
Copper	130	2.0	125	14	92.5	64 - 117			
Lead	110	1.0	125	6.2	81.2	46 - 116			
Molybdenum	100	1.0	125	ND	80.4	59 - 108			
Nickel	180	1.0	125	66	89.5	52 - 109			
Selenium	87	1.0	125	ND	69.5	56 - 100			
Silver	100	1.0	125	ND	83.8	65 - 107			
Thallium	96	1.0	125	ND	76.6	47 - 100			
Vanadium	140	1.0	125	25	89.3	64 - 110			
Zinc	130	1.0	125	29	83.3	37 - 123			
Matrix Spike Dup (B1L0952-MSD1)		**Source: 1100809-CM**			Prepared: 1/3/2012 Analyzed: 1/3/2012				
Antimony	82	2.0	125	1.8	64.1	44 - 105	9.60	20	
Arsenic	87	1.0	125	3.9	66.2	57 - 103	12.4	20	
Barium	190	1.0	125	63	99.8	36 - 134	11.8	20	
Beryllium	91	1.0	125	ND	72.7	64 - 106	13.4	20	

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Total Metals by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0952 - EPA 3050B (continued)									
Matrix Spike Dup (B1L0952-MSD1) - Continued		**Source: 1100809-CM**			Prepared: 1/3/2012 Analyzed: 1/3/2012				
Cadmium	84	1.0	125	0.47	66.8	58 - 102	13.9	20	
Chromium	180	1.0	125	41	107	55 - 105	9.49	20	M1
Cobalt	96	1.0	125	7.1	70.9	59 - 105	12.2	20	
Copper	120	2.0	125	14	81.9	64 - 117	10.8	20	
Lead	90	1.0	125	6.2	67.1	46 - 116	17.8	20	
Molybdenum	88	1.0	125	ND	70.4	59 - 108	13.3	20	
Nickel	190	1.0	125	66	101	52 - 109	8.08	20	
Selenium	76	1.0	125	ND	60.8	56 - 100	13.4	20	
Silver	92	1.0	125	ND	73.7	65 - 107	12.8	20	
Thallium	83	1.0	125	ND	66.0	47 - 100	14.8	20	
Vanadium	120	1.0	125	25	76.4	64 - 110	12.5	20	
Zinc	120	1.0	125	29	68.9	37 - 123	14.4	20	
Batch S1L0490 - B1L0924									
Instrument Blank (S1L0490-IBL1)					Prepared: 12/30/2011 Analyzed: 12/30/2011				
Antimony	ND	2.0			NR				
Arsenic	ND	1.0			NR				
Barium	ND	1.0			NR				
Beryllium	ND	1.0			NR				
Cadmium	ND	1.0			NR				
Chromium	ND	1.0			NR				
Cobalt	ND	1.0			NR				
Copper	ND	2.0			NR				
Lead	ND	1.0			NR				
Molybdenum	ND	1.0			NR				
Nickel	ND	1.0			NR				
Selenium	ND	1.0			NR				
Silver	ND	1.0			NR				
Thallium	ND	1.0			NR				
Vanadium	ND	1.0			NR				
Zinc	ND	1.0			NR				
Batch S2A0016 - B2A0015									
Instrument Blank (S2A0016-IBL1)					Prepared: 1/3/2012 Analyzed: 1/3/2012				
Antimony	ND	2.0			NR				
Arsenic	ND	1.0			NR				
Barium	ND	1.0			NR				
Beryllium	ND	1.0			NR				
Cadmium	ND	1.0			NR				
Chromium	ND	1.0			NR				
Cobalt	ND	1.0			NR				
Copper	ND	2.0			NR				

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Total Metals by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/L)	PQL (mg/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch S2A0016 - B2A0015 (continued)									
Instrument Blank (S2A0016-IBL1) - Continued					Prepared: 1/3/2012 Analyzed: 1/3/2012				
Lead	ND	1.0			NR				
Molybdenum	ND	1.0			NR				
Nickel	ND	1.0			NR				
Selenium	ND	1.0			NR				
Silver	ND	1.0			NR				
Thallium	ND	1.0			NR				
Vanadium	ND	1.0			NR				
Zinc	ND	1.0			NR				

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Lead by ICP-AES EPA 6010B - Quality Control

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0993 - EPA 3050 Modified									
Blank (B1L0993-BLK1)					Prepared: 12/30/2011 Analyzed: 12/31/2011				
Lead	ND	1.0			NR				
Blank (B1L0993-BLK2)					Prepared: 12/30/2011 Analyzed: 12/31/2011				
Lead	ND	1.0			NR				
LCS (B1L0993-BS1)					Prepared: 12/30/2011 Analyzed: 12/31/2011				
Lead	290	1.0	250		117	80 - 120			
Duplicate (B1L0993-DUP1)		**Source: 1100809-20**			Prepared: 12/30/2011 Analyzed: 12/31/2011				
Lead	3.6	1.0		3.3	NR		7.16	20	
Duplicate (B1L0993-DUP2)		**Source: 1100809-10**			Prepared: 12/30/2011 Analyzed: 12/31/2011				
Lead	5.8	1.0		6.8	NR		16.3	20	
Matrix Spike (B1L0993-MS1)		**Source: 1100809-20**			Prepared: 12/30/2011 Analyzed: 12/31/2011				
Lead	210	1.0	250	3.3	82.9	46 - 116			
Matrix Spike (B1L0993-MS2)		**Source: 1100809-10**			Prepared: 12/30/2011 Analyzed: 12/31/2011				
Lead	230	1.0	250	6.8	90.0	46 - 116			
Matrix Spike Dup (B1L0993-MSD1)		**Source: 1100809-20**			Prepared: 12/30/2011 Analyzed: 12/31/2011				
Lead	220	1.0	250	3.3	86.6	46 - 116	4.34	20	
Batch B1L0994 - EPA 3050 Modified									
Blank (B1L0994-BLK1)					Prepared: 12/30/2011 Analyzed: 12/31/2011				
Lead	ND	1.0			NR				
Blank (B1L0994-BLK2)					Prepared: 12/30/2011 Analyzed: 12/31/2011				
Lead	ND	1.0			NR				
LCS (B1L0994-BS1)					Prepared: 12/30/2011 Analyzed: 12/31/2011				
Lead	290	1.0	250		116	80 - 120			
Duplicate (B1L0994-DUP1)		**Source: 1100809-40**			Prepared: 12/30/2011 Analyzed: 12/31/2011				
Lead	3.3	1.0		3.3	NR		2.51	20	
Duplicate (B1L0994-DUP2)		**Source: 1100809-30**			Prepared: 12/30/2011 Analyzed: 12/31/2011				
Lead	3.5	1.0		2.8	NR		23.7	20	R
Matrix Spike (B1L0994-MS1)		**Source: 1100809-40**			Prepared: 12/30/2011 Analyzed: 12/31/2011				
Lead	230	1.0	250	3.3	92.0	46 - 116			
Matrix Spike (B1L0994-MS2)		**Source: 1100809-30**			Prepared: 12/30/2011 Analyzed: 12/31/2011				
Lead	200	1.0	250	2.8	77.1	46 - 116			

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Lead by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0994 - EPA 3050 Modified (continued)									
Matrix Spike Dup (B1L0994-MSD1)		**Source: 1100809-40**			Prepared: 12/30/2011 Analyzed: 12/31/2011				
Lead	230	1.0	250	3.3	92.2	46 - 116	0.221	20	
Batch B1L0995 - EPA 3050 Modified									
Blank (B1L0995-BLK1)					Prepared: 12/30/2011 Analyzed: 12/31/2011				
Lead	ND	1.0			NR				
Blank (B1L0995-BLK2)					Prepared: 12/30/2011 Analyzed: 12/31/2011				
Lead	ND	1.0			NR				
LCS (B1L0995-BS1)					Prepared: 12/30/2011 Analyzed: 12/31/2011				
Lead	280	1.0	250		112	80 - 120			
Duplicate (B1L0995-DUP1)		**Source: 1100809-60**			Prepared: 12/30/2011 Analyzed: 12/31/2011				
Lead	5.2	1.0		7.7	NR		39.1	20	R
Duplicate (B1L0995-DUP2)		**Source: 1100809-50**			Prepared: 12/30/2011 Analyzed: 12/31/2011				
Lead	5.7	1.0		5.3	NR		7.97	20	
Matrix Spike (B1L0995-MS1)		**Source: 1100809-60**			Prepared: 12/30/2011 Analyzed: 12/31/2011				
Lead	230	1.0	250	7.7	89.6	46 - 116			
Matrix Spike (B1L0995-MS2)		**Source: 1100809-50**			Prepared: 12/30/2011 Analyzed: 12/31/2011				
Lead	220	1.0	250	5.3	87.0	46 - 116			
Matrix Spike Dup (B1L0995-MSD1)		**Source: 1100809-60**			Prepared: 12/30/2011 Analyzed: 12/31/2011				
Lead	230	1.0	250	7.7	89.7	46 - 116	0.0702	20	
Batch B1L0996 - EPA 3050 Modified									
Blank (B1L0996-BLK1)					Prepared: 12/30/2011 Analyzed: 12/31/2011				
Lead	ND	1.0			NR				
Blank (B1L0996-BLK2)					Prepared: 12/30/2011 Analyzed: 12/31/2011				
Lead	ND	1.0			NR				
LCS (B1L0996-BS1)					Prepared: 12/30/2011 Analyzed: 12/31/2011				
Lead	280	1.0	250		111	80 - 120			
Duplicate (B1L0996-DUP1)		**Source: 1100809-80**			Prepared: 12/30/2011 Analyzed: 12/31/2011				
Lead	4.8	1.0		2.9	NR		51.1	20	R
Duplicate (B1L0996-DUP2)		**Source: 1100809-70**			Prepared: 12/30/2011 Analyzed: 12/31/2011				
Lead	8.1	1.0		9.6	NR		16.5	20	
Matrix Spike (B1L0996-MS1)		**Source: 1100809-80**			Prepared: 12/30/2011 Analyzed: 12/31/2011				
Lead	220	1.0	250	2.9	86.3	46 - 116			

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Lead by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0996 - EPA 3050 Modified (continued)									
Matrix Spike (B1L0996-MS1) - Continued		**Source: 1100809-80**			Prepared: 12/30/2011 Analyzed: 12/31/2011				
Matrix Spike (B1L0996-MS2)		**Source: 1100809-70**			Prepared: 12/30/2011 Analyzed: 12/31/2011				
Lead	210	1.0	250	9.6	82.0	46 - 116			
Matrix Spike Dup (B1L0996-MSD1)		**Source: 1100809-80**			Prepared: 12/30/2011 Analyzed: 12/31/2011				
Lead	230	1.0	250	2.9	89.2	46 - 116	3.20	20	
Batch B1L0997 - EPA 3050 Modified									
Blank (B1L0997-BLK1)					Prepared: 12/30/2011 Analyzed: 12/31/2011				
Lead	ND	1.0			NR				
Blank (B1L0997-BLK2)					Prepared: 12/30/2011 Analyzed: 12/31/2011				
Lead	ND	1.0			NR				
LCS (B1L0997-BS1)					Prepared: 12/30/2011 Analyzed: 12/31/2011				
Lead	280	1.0	250		111	80 - 120			
Duplicate (B1L0997-DUP1)		**Source: 1100809-AA**			Prepared: 12/30/2011 Analyzed: 12/31/2011				
Lead	6.2	1.0		6.1	NR		1.73	20	
Duplicate (B1L0997-DUP2)		**Source: 1100809-90**			Prepared: 12/30/2011 Analyzed: 12/31/2011				
Lead	11	1.0		11	NR		1.40	20	
Matrix Spike (B1L0997-MS1)		**Source: 1100809-AA**			Prepared: 12/30/2011 Analyzed: 12/31/2011				
Lead	220	1.0	250	6.1	84.3	46 - 116			
Matrix Spike (B1L0997-MS2)		**Source: 1100809-90**			Prepared: 12/30/2011 Analyzed: 12/31/2011				
Lead	220	1.0	250	11	83.4	46 - 116			
Matrix Spike Dup (B1L0997-MSD1)		**Source: 1100809-AA**			Prepared: 12/30/2011 Analyzed: 12/31/2011				
Lead	210	1.0	250	6.1	82.6	46 - 116	1.99	20	
Batch B1L0998 - EPA 3050 Modified									
Blank (B1L0998-BLK1)					Prepared: 12/30/2011 Analyzed: 12/31/2011				
Lead	ND	1.0			NR				
Blank (B1L0998-BLK2)					Prepared: 12/30/2011 Analyzed: 12/31/2011				
Lead	ND	1.0			NR				
LCS (B1L0998-BS1)					Prepared: 12/30/2011 Analyzed: 12/31/2011				
Lead	270	1.0	250		107	80 - 120			
Duplicate (B1L0998-DUP1)		**Source: 1100809-AU**			Prepared: 12/30/2011 Analyzed: 12/31/2011				
Lead	5.6	1.0		5.1	NR		9.66	20	

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Lead by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0998 - EPA 3050 Modified (continued)									
Duplicate (B1L0998-DUP2)		**Source: 1100809-AK**			Prepared: 12/30/2011 Analyzed: 12/31/2011				
Lead	45	1.0		56	NR		21.1	20	R
Matrix Spike (B1L0998-MS1)		**Source: 1100809-AU**			Prepared: 12/30/2011 Analyzed: 12/31/2011				
Lead	210	1.0	250	5.1	80.7	46 - 116			
Matrix Spike (B1L0998-MS2)		**Source: 1100809-AK**			Prepared: 12/30/2011 Analyzed: 12/31/2011				
Lead	300	1.0	250	56	96.7	46 - 116			
Matrix Spike Dup (B1L0998-MSD1)		**Source: 1100809-AU**			Prepared: 12/30/2011 Analyzed: 12/31/2011				
Lead	220	1.0	250	5.1	85.4	46 - 116	5.54	20	
Batch B1L0999 - EPA 3050 Modified									
Blank (B1L0999-BLK1)					Prepared: 12/30/2011 Analyzed: 1/3/2012				
Lead	ND	1.0			NR				
Blank (B1L0999-BLK2)					Prepared: 12/30/2011 Analyzed: 1/3/2012				
Lead	ND	1.0			NR				
LCS (B1L0999-BS1)					Prepared: 12/30/2011 Analyzed: 1/3/2012				
Lead	280	1.0	250		110	80 - 120			
Duplicate (B1L0999-DUP1)		**Source: 1100809-BO**			Prepared: 12/30/2011 Analyzed: 1/3/2012				
Lead	6.4	1.0		4.1	NR		44.9	20	R
Duplicate (B1L0999-DUP2)		**Source: 1100809-BE**			Prepared: 12/30/2011 Analyzed: 1/3/2012				
Lead	130	1.0		100	NR		28.7	20	R
Matrix Spike (B1L0999-MS1)		**Source: 1100809-BO**			Prepared: 12/30/2011 Analyzed: 1/3/2012				
Lead	240	1.0	250	4.1	93.6	46 - 116			
Matrix Spike (B1L0999-MS2)		**Source: 1100809-BE**			Prepared: 12/30/2011 Analyzed: 1/3/2012				
Lead	330	1.0	250	100	91.0	46 - 116			
Matrix Spike Dup (B1L0999-MSD1)		**Source: 1100809-BO**			Prepared: 12/30/2011 Analyzed: 1/3/2012				
Lead	230	1.0	250	4.1	91.6	46 - 116	2.10	20	
Batch B1L1000 - EPA 3050 Modified									
Blank (B1L1000-BLK1)					Prepared: 12/30/2011 Analyzed: 1/3/2012				
Lead	ND	1.0			NR				
Blank (B1L1000-BLK2)					Prepared: 12/30/2011 Analyzed: 1/3/2012				
Lead	ND	1.0			NR				
LCS (B1L1000-BS1)					Prepared: 12/30/2011 Analyzed: 1/3/2012				
Lead	280	1.0	250		112	80 - 120			

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Lead by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L1000 - EPA 3050 Modified (continued)									
LCS (B1L1000-BS1) - Continued					Prepared: 12/30/2011 Analyzed: 1/3/2012				
Duplicate (B1L1000-DUP1)		**Source: 1100809-DC**			Prepared: 12/30/2011 Analyzed: 1/3/2012				
Lead	6.0	1.0		5.5	NR		9.59	20	
Duplicate (B1L1000-DUP2)		**Source: 1100809-CS**			Prepared: 12/30/2011 Analyzed: 1/3/2012				
Lead	22	1.0		19	NR		17.0	20	
Matrix Spike (B1L1000-MS1)		**Source: 1100809-DC**			Prepared: 12/30/2011 Analyzed: 1/3/2012				
Lead	240	1.0	250	5.5	94.1	46 - 116			
Matrix Spike (B1L1000-MS2)		**Source: 1100809-CS**			Prepared: 12/30/2011 Analyzed: 1/3/2012				
Lead	250	1.0	250	19	93.4	46 - 116			
Matrix Spike Dup (B1L1000-MSD1)		**Source: 1100809-DC**			Prepared: 12/30/2011 Analyzed: 1/3/2012				
Lead	240	1.0	250	5.5	93.3	46 - 116	0.789	20	
Batch B1L1001 - EPA 3050 Modified									
Blank (B1L1001-BLK1)					Prepared: 12/30/2011 Analyzed: 1/3/2012				
Lead	ND	1.0			NR				
Blank (B1L1001-BLK2)					Prepared: 12/30/2011 Analyzed: 1/3/2012				
Lead	ND	1.0			NR				
LCS (B1L1001-BS1)					Prepared: 12/30/2011 Analyzed: 1/3/2012				
Lead	280	1.0	250		112	80 - 120			
Duplicate (B1L1001-DUP1)		**Source: 1100809-DW**			Prepared: 12/30/2011 Analyzed: 1/3/2012				
Lead	6.2	1.0		7.4	NR		17.0	20	
Duplicate (B1L1001-DUP2)		**Source: 1100809-DM**			Prepared: 12/30/2011 Analyzed: 1/3/2012				
Lead	32	1.0		27	NR		17.0	20	
Matrix Spike (B1L1001-MS1)		**Source: 1100809-DW**			Prepared: 12/30/2011 Analyzed: 1/3/2012				
Lead	11	1.0	250	7.4	1.33	46 - 116			M1
Matrix Spike (B1L1001-MS2)		**Source: 1100809-DM**			Prepared: 12/30/2011 Analyzed: 1/3/2012				
Lead	260	1.0	250	27	91.6	46 - 116			
Matrix Spike Dup (B1L1001-MSD1)		**Source: 1100809-DW**			Prepared: 12/30/2011 Analyzed: 1/3/2012				
Lead	50	1.0	250	7.4	16.9	46 - 116	129	20	M1, R
Batch B1L1002 - EPA 3050 Modified									
Blank (B1L1002-BLK1)					Prepared: 12/30/2011 Analyzed: 1/3/2012				
Lead	ND	1.0			NR				

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Lead by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L1002 - EPA 3050 Modified (continued)									
Blank (B1L1002-BLK2)					Prepared: 12/30/2011 Analyzed: 1/3/2012				
Lead	ND	1.0			NR				
LCS (B1L1002-BS1)					Prepared: 12/30/2011 Analyzed: 1/3/2012				
Lead	280	1.0	250		113	80 - 120			
Duplicate (B1L1002-DUP1)		**Source: 1100809-EQ**			Prepared: 12/30/2011 Analyzed: 1/3/2012				
Lead	6.3	1.0		6.3	NR		1.14	20	
Duplicate (B1L1002-DUP2)		**Source: 1100809-EG**			Prepared: 12/30/2011 Analyzed: 1/3/2012				
Lead	23	1.0		9.0	NR		87.9	20	R
Matrix Spike (B1L1002-MS1)		**Source: 1100809-EQ**			Prepared: 12/30/2011 Analyzed: 1/3/2012				
Lead	7.9	1.0	250	6.3	0.672	46 - 116			M1
Matrix Spike (B1L1002-MS2)		**Source: 1100809-EG**			Prepared: 12/30/2011 Analyzed: 1/3/2012				
Lead	7.1	1.0	250	9.0	-0.754	46 - 116			M1
Matrix Spike Dup (B1L1002-MSD1)		**Source: 1100809-EQ**			Prepared: 12/30/2011 Analyzed: 1/3/2012				
Lead	8.1	1.0	250	6.3	0.742	46 - 116	2.19	20	M1
Batch B1L1003 - EPA 3050 Modified									
Blank (B1L1003-BLK1)					Prepared: 12/30/2011 Analyzed: 1/3/2012				
Lead	ND	1.0			NR				
Blank (B1L1003-BLK2)					Prepared: 12/30/2011 Analyzed: 1/3/2012				
Lead	ND	1.0			NR				
LCS (B1L1003-BS1)					Prepared: 12/30/2011 Analyzed: 1/3/2012				
Lead	290	1.0	250		114	80 - 120			
Duplicate (B1L1003-DUP1)		**Source: 1100809-FK**			Prepared: 12/30/2011 Analyzed: 1/3/2012				
Lead	5.5	1.0		16	NR		99.6	20	R
Duplicate (B1L1003-DUP2)		**Source: 1100809-FA**			Prepared: 12/30/2011 Analyzed: 1/3/2012				
Lead	84	1.0		35	NR		81.7	20	R
Matrix Spike (B1L1003-MS1)		**Source: 1100809-FK**			Prepared: 12/30/2011 Analyzed: 1/3/2012				
Lead	16	1.0	250	16	-0.179	46 - 116			M1
Matrix Spike (B1L1003-MS2)		**Source: 1100809-FA**			Prepared: 12/30/2011 Analyzed: 1/3/2012				
Lead	5.1	1.0	250	35	-12.1	46 - 116			M1
Matrix Spike Dup (B1L1003-MSD1)		**Source: 1100809-FK**			Prepared: 12/30/2011 Analyzed: 1/3/2012				
Lead	57	1.0	250	16	16.2	46 - 116	112	20	M1, R

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Lead by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L1004 - EPA 3050 Modified									
Blank (B1L1004-BLK1)					Prepared: 12/30/2011 Analyzed: 1/3/2012				
Lead	ND	1.0			NR				
Blank (B1L1004-BLK2)					Prepared: 12/30/2011 Analyzed: 1/3/2012				
Lead	ND	1.0			NR				
LCS (B1L1004-BS1)					Prepared: 12/30/2011 Analyzed: 1/3/2012				
Lead	290	1.0	250		114	80 - 120			
Duplicate (B1L1004-DUP1)		**Source: 1100809-GE**			Prepared: 12/30/2011 Analyzed: 1/3/2012				
Lead	8.6	1.0		7.2	NR		17.6	20	
Duplicate (B1L1004-DUP2)		**Source: 1100809-FU**			Prepared: 12/30/2011 Analyzed: 1/3/2012				
Lead	57	1.0		18	NR		104	20	R
Matrix Spike (B1L1004-MS1)		**Source: 1100809-GE**			Prepared: 12/30/2011 Analyzed: 1/3/2012				
Lead	240	1.0	250	7.2	91.9	46 - 116			
Matrix Spike (B1L1004-MS2)		**Source: 1100809-FU**			Prepared: 12/30/2011 Analyzed: 1/3/2012				
Lead	33	1.0	250	18	5.95	46 - 116			M1
Matrix Spike Dup (B1L1004-MSD1)		**Source: 1100809-GE**			Prepared: 12/30/2011 Analyzed: 1/3/2012				
Lead	240	1.0	250	7.2	92.8	46 - 116	0.937	20	
Batch B1L1005 - EPA 3050 Modified									
Blank (B1L1005-BLK1)					Prepared: 12/30/2011 Analyzed: 1/3/2012				
Lead	ND	1.0			NR				
Blank (B1L1005-BLK2)					Prepared: 12/30/2011 Analyzed: 1/3/2012				
Lead	ND	1.0			NR				
LCS (B1L1005-BS1)					Prepared: 12/30/2011 Analyzed: 1/3/2012				
Lead	290	1.0	250		114	80 - 120			
Duplicate (B1L1005-DUP1)		**Source: 1100809-GY**			Prepared: 12/30/2011 Analyzed: 1/3/2012				
Lead	14	1.0		14	NR		1.18	20	
Duplicate (B1L1005-DUP2)		**Source: 1100809-GO**			Prepared: 12/30/2011 Analyzed: 1/3/2012				
Lead	88	1.0		14	NR		144	20	R
Matrix Spike (B1L1005-MS1)		**Source: 1100809-GY**			Prepared: 12/30/2011 Analyzed: 1/3/2012				
Lead	250	1.0	250	14	92.3	46 - 116			
Matrix Spike (B1L1005-MS2)		**Source: 1100809-GO**			Prepared: 12/30/2011 Analyzed: 1/3/2012				
Lead	410	1.0	250	14	157	46 - 116			M1

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Lead by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L1005 - EPA 3050 Modified (continued)									
Matrix Spike Dup (B1L1005-MSD1)		**Source: 1100809-GY**			Prepared: 12/30/2011 Analyzed: 1/3/2012				
Lead	250	1.0	250	14	94.7	46 - 116	2.37	20	
Batch B1L1006 - EPA 3050 Modified									
Blank (B1L1006-BLK1)					Prepared: 12/30/2011 Analyzed: 1/3/2012				
Lead	ND	1.0			NR				
Blank (B1L1006-BLK2)					Prepared: 12/30/2011 Analyzed: 1/3/2012				
Lead	ND	1.0			NR				
LCS (B1L1006-BS1)					Prepared: 12/30/2011 Analyzed: 1/3/2012				
Lead	280	1.0	250		111	80 - 120			
Duplicate (B1L1006-DUP1)		**Source: 1100809-HS**			Prepared: 12/30/2011 Analyzed: 1/3/2012				
Lead	27	1.0		24	NR		13.6	20	
Duplicate (B1L1006-DUP2)		**Source: 1100809-HI**			Prepared: 12/30/2011 Analyzed: 1/3/2012				
Lead	5.8	1.0		5.2	NR		11.7	20	
Matrix Spike (B1L1006-MS1)		**Source: 1100809-HS**			Prepared: 12/30/2011 Analyzed: 1/3/2012				
Lead	250	1.0	250	24	91.0	46 - 116			
Matrix Spike (B1L1006-MS2)		**Source: 1100809-HI**			Prepared: 12/30/2011 Analyzed: 1/3/2012				
Lead	240	1.0	250	5.2	95.0	46 - 116			
Matrix Spike Dup (B1L1006-MSD1)		**Source: 1100809-HS**			Prepared: 12/30/2011 Analyzed: 1/3/2012				
Lead	260	1.0	250	24	94.0	46 - 116	2.92	20	
Batch B1L1007 - EPA 3050 Modified									
Blank (B1L1007-BLK1)					Prepared: 12/30/2011 Analyzed: 1/2/2012				
Lead	ND	1.0			NR				
Blank (B1L1007-BLK2)					Prepared: 12/30/2011 Analyzed: 1/2/2012				
Lead	ND	1.0			NR				
LCS (B1L1007-BS1)					Prepared: 12/30/2011 Analyzed: 1/2/2012				
Lead	280	1.0	250		113	80 - 120			
Duplicate (B1L1007-DUP1)		**Source: 1100828-16**			Prepared: 12/30/2011 Analyzed: 1/2/2012				
Lead	13	1.0		12	NR		8.34	20	
Duplicate (B1L1007-DUP2)		**Source: 1100828-06**			Prepared: 12/30/2011 Analyzed: 1/2/2012				
Lead	5.5	1.0		4.4	NR		21.8	20	R
Matrix Spike (B1L1007-MS1)		**Source: 1100828-16**			Prepared: 12/30/2011 Analyzed: 1/2/2012				
Lead	220	1.0	250	12	82.5	46 - 116			

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Lead by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L1007 - EPA 3050 Modified (continued)									
Matrix Spike (B1L1007-MS1) - Continued		**Source: 1100828-16**			Prepared: 12/30/2011 Analyzed: 1/2/2012				
Matrix Spike (B1L1007-MS2)		**Source: 1100828-06**			Prepared: 12/30/2011 Analyzed: 1/2/2012				
Lead	210	1.0	250	4.4	81.0	46 - 116			
Matrix Spike Dup (B1L1007-MSD1)		**Source: 1100828-16**			Prepared: 12/30/2011 Analyzed: 1/2/2012				
Lead	230	1.0	250	12	85.6	46 - 116	3.46	20	
Batch S1L0491 - B1L0993									
Instrument Blank (S1L0491-IBL1)					Prepared: 12/31/2011 Analyzed: 12/31/2011				
Lead	ND	1.0			NR				
Batch S2A0001 - B1L1007									
Instrument Blank (S2A0001-IBL1)					Prepared: 1/2/2012 Analyzed: 1/2/2012				
Lead	ND	1.0			NR				
Batch S2A0005 - B1L1007									
Instrument Blank (S2A0005-IBL1)					Prepared: 1/3/2012 Analyzed: 1/3/2012				
Lead	ND	1.0			NR				

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Mercury by AA (Cold Vapor) EPA 7471 - Quality Control

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0970 - EPA 7471									
Blank (B1L0970-BLK1)					Prepared: 12/31/2011 Analyzed: 12/31/2011				
Mercury	ND	0.10			NR				
LCS (B1L0970-BS1)					Prepared: 12/31/2011 Analyzed: 12/31/2011				
Mercury	0.81	0.10	0.833		96.6	80 - 120			
Duplicate (B1L0970-DUP1)		**Source: 1100809-CA**			Prepared: 12/31/2011 Analyzed: 12/31/2011				
Mercury	0.03	0.10		0.03	NR		2.14	20	
Matrix Spike (B1L0970-MS1)		**Source: 1100809-CA**			Prepared: 12/31/2011 Analyzed: 12/31/2011				
Mercury	0.97	0.10	0.833	0.03	112	70 - 130			
Matrix Spike Dup (B1L0970-MSD1)		**Source: 1100809-CA**			Prepared: 12/31/2011 Analyzed: 12/31/2011				
Mercury	0.96	0.10	0.833	0.03	111	70 - 130	1.00	20	
Batch B1L0971 - EPA 7471									
Blank (B1L0971-BLK1)					Prepared: 12/31/2011 Analyzed: 12/31/2011				
Mercury	ND	0.10			NR				
LCS (B1L0971-BS1)					Prepared: 12/31/2011 Analyzed: 12/31/2011				
Mercury	0.82	0.10	0.833		99.0	80 - 120			
Duplicate (B1L0971-DUP1)		**Source: 1100809-CK**			Prepared: 12/31/2011 Analyzed: 12/31/2011				
Mercury	0.06	0.10		0.06	NR		1.82	20	
Matrix Spike (B1L0971-MS1)		**Source: 1100809-CK**			Prepared: 12/31/2011 Analyzed: 12/31/2011				
Mercury	0.94	0.10	0.833	0.06	105	70 - 130			
Matrix Spike Dup (B1L0971-MSD1)		**Source: 1100809-CK**			Prepared: 12/31/2011 Analyzed: 12/31/2011				
Mercury	0.93	0.10	0.833	0.06	104	70 - 130	0.561	20	
Batch B1L0972 - EPA 7471									
Blank (B1L0972-BLK1)					Prepared: 12/31/2011 Analyzed: 12/31/2011				
Mercury	ND	0.10			NR				
LCS (B1L0972-BS1)					Prepared: 12/31/2011 Analyzed: 12/31/2011				
Mercury	0.98	0.10	0.833		118	80 - 120			
Duplicate (B1L0972-DUP1)		**Source: 1100809-CM**			Prepared: 12/31/2011 Analyzed: 12/31/2011				
Mercury	0.05	0.10		0.05	NR		0.574	20	
Matrix Spike (B1L0972-MS1)		**Source: 1100809-CM**			Prepared: 12/31/2011 Analyzed: 12/31/2011				
Mercury	0.95	0.10	0.833	0.05	108	70 - 130			
Matrix Spike Dup (B1L0972-MSD1)		**Source: 1100809-CM**			Prepared: 12/31/2011 Analyzed: 12/31/2011				

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Mercury by AA (Cold Vapor) EPA 7471 - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0972 - EPA 7471 (continued)									
Matrix Spike Dup (B1L0972-MSD1) - Continued		**Source: 1100809-CM**			Prepared: 12/31/2011 Analyzed: 12/31/2011				
Mercury	0.95	0.10	0.833	0.05	108	70 - 130	0.00987	20	
Batch S2A0010 - B1L0970									
Instrument Blank (S2A0010-IBL1)					Prepared: 12/31/2011 Analyzed: 12/31/2011				
Mercury	ND	0.10			NR				

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pH by EPA 9045C - Quality Control

Analyte	Result (pH Units)	PQL (pH Units)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0909 - Prep_WC_1_S									
Duplicate (B1L0909-DUP1)		**Source: 1100809-AA**			Prepared: 12/28/2011 Analyzed: 12/28/2011				
pH	8.6	0.10		8.6	NR		0	20	
Batch B1L0911 - Prep_WC_1_S									
Duplicate (B1L0911-DUP1)		**Source: 1100809-DW**			Prepared: 12/28/2011 Analyzed: 12/28/2011				
pH	7.8	0.10		7.8	NR		0.3	20	
Batch B1L0912 - Prep_WC_1_S									
Duplicate (B1L0912-DUP1)		**Source: 1100809-HS**			Prepared: 12/28/2011 Analyzed: 12/28/2011				
pH	7.2	0.10		7.3	NR		2	20	
Batch B1L0913 - Prep_WC_1_S									
Duplicate (B1L0913-DUP1)		**Source: 1100809-IA**			Prepared: 12/28/2011 Analyzed: 12/28/2011				
pH	7.2	0.10		7.2	NR		0.3	20	

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Notes and Definitions

R	RPD value outside acceptance criteria. Calculation is based on raw values.
M1	Matrix spike recovery outside of acceptance limit. The analytical batch was validated by the laboratory control sample.
ND	Analyte not detected at or above reporting limit
PQL	Practical Quantitation Limit
MDL	Method Detection Limit
NR	Not Reported
RPD	Relative Percent Difference

CHAIN OF CUSTODY RECORD

Advanced Technology Laboratories
3275 Walnut Avenue
Signal Hill, CA 90755
(562) 989-4045 • Fax (562) 989-4040

FOR LABORATORY USE ONLY:

P.O.#:
Logged By: Date: 12/24/11

Method of Transport: Client ☐ ATL ☐ CA OverN ☐ FEDEX ☐ Other: GSO

Sample Condition Upon Receipt:
1. CHILLED 12.4 11.2 11.2 6.8 11.8 Y☑ N☐
2. HEADSPACE (VOA) Y☐ N☐
3. CONTAINER INTACT Y☑ N☐
4. SEALED Y☐ N☑
5. # OF SPLS MATCH COC Y☑ N☐
6. PRESERVED Y☐ N☑

Client: GEOCON CONSULTANTS, INC.
Attn: L. BEADLE
Address: 6671 Brisa Street
City: Livermore State: CA Zip Code: 94550
TEL: (925) 371-5900
FAX: (925) 371-5915

Project Name: TO-16
Project #: E8560-06-16
Sampler: (Printed Name) Luann Beadle (Signature) Luann Beadle

Relinquished by: (Signature and Printed Name) Luann Beadle Luann Beadle Date: 12-23-11 Time:
Received by: (Signature and Printed Name) GSO Delivery Date: Time:
Relinquished by: (Signature and Printed Name) Date: Time:
Received by: (Signature and Printed Name) Mary Date: 12/24/11 Time: 8:40
Relinquished by: (Signature and Printed Name) Date: Time:
Received by: (Signature and Printed Name) Date: Time:

I hereby authorize ATL to perform the work indicated below:
Project Mgr/Submitter: D. WATTS
Print Name Date
Signature

Send Report To:
Attn:
Co: SAME AS ABOVE
Address
City State Zip

Bill To:
Attn:
Co: SAME AS ABOVE
Address
City State Zip

Special Instructions/Comments:
Lab- please run pH on 10% of Pb/CAM samples chosen randomly

Sample/Records - Archival & Disposal
Unless otherwise requested by client, all samples will be disposed 45 days after receipt and records will be disposed 1 year after submittal of final report.

Storage Fees (applies when storage is requested):
- Sample : $2.00 / sample / mo (after 45 days)
- Records : $1.00 / ATL workorder / mo (after 1 year)

Circle or Add Analysis(es) Requested: 8081A (Pesticides), 8082 (PCB), 8260B (Volatiles), 8270C (BNA), 6010B (Total Metal) Lead, 8015B (GRO) / BTEX, 8015B (DRO), 8021 (BTEX), TITLE 22 / CAM 17 (6010 / 7000)

SPECIFY APPROPRIATE MATRIX: SOIL, WATER, GROUND WATER, WASTEWATER

QA/QC: RTNE ☐ CT ☒ SWRCB ☐ Logcode ____ OTHER ____

ITEM	LAB USE ONLY: Batch #: / Lab No.	Sample Description: Sample I.D. / Location	Date	Time	8260B (Volatiles)	SOIL	TAT	Container(s) #	Container(s) Type	PRESERVATION	REMARKS
	1100809 -01	G343-0	12/24/11	905	X	X	5 day	1	2		
	2	-0.5		906							
	3	-1.5		907							
	4	-2.5		908							
	5	G344-0		925							
	6	-0.5		926							
	7	-1.5		927							
	8	-2.5		928							
	9	G345-0		935							
	10	-0.5		936							

• TAT starts 8 a.m. following day if samples received after 3 p.m.

TAT: A= Overnight ≤ 24 hr; B= Emergency Next workday; C= Critical 2 Workdays; D= Urgent 3 Workdays; E= Routine 7 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=Hcl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

DISTRIBUTION: White with report Yellow to folder Pink to submitter

CHAIN OF CUSTODY RECORD

Advanced Technology Laboratories
3275 Walnut Avenue
Signal Hill, CA 90755
(562) 989-4045 • Fax (562) 989-4040

FOR LABORATORY USE ONLY:

P.O.#: _____

Logged By: _____ Date: _____

Method of Transport: Client ☐ ATL ☐ CA OverN ☐ FEDEX ☐ Other: _____

Sample Condition Upon Receipt: 1. CHILLED Y☐ N☐ 2. HEADSPACE (VOA) Y☐ N☐ 3. CONTAINER INTACT Y☐ N☐ 4. SEALED Y☐ N☐ 5. # OF SPLS MATCH COC Y☐ N☐ 6. PRESERVED Y☐ N☐

Client: GEOCON CONSULTANTS, INC.
Attn: L. BEADLE
Address: 6671 Brisa Street
City: Livermore State: CA Zip Code: 94550
TEL: (925) 371-5900
FAX: (925) 371-5915

Project Name: TO-16 Project #: E8560-06-16 Sampler: (Printed Name) L Beadle (Signature) L Beadle

Relinquished by: (Signature and Printed Name) Luann Beadle Date: 12-23-11 Time: Received by: (Signature and Printed Name) GSO Date: Time:

Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: 12/24/11 Time: 840

Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:

I hereby authorize ATL to perform the work indicated below:
Project Mgr / Submitter: D. WATTS
Print Name Date
Signature

Send Report To: Attn: _____ Co: SAME AS ABOVE Address _____ City _____ State _____ Zip _____

Bill To: Attn: _____ Co: SAME AS ABOVE Address _____ City _____ State _____ Zip _____

Special Instructions/Comments: See comment p.1

Sample/Records - Archival & Disposal
Unless otherwise requested by client, all samples will be disposed 45 days after receipt and records will be disposed 1 year after submittal of final report.

Storage Fees (applies when storage is requested):
- Sample : $2.00 / sample / mo (after 45 days)
- Records : $1.00 / ATL workorder / mo (after 1 year)

Circle or Add Analysis(es) Requested: 8081A (Pesticides), 8082 (PCB), 8260B (Volatiles), 8270C (BNA), 6010B (Total Metals) 4 @ OCL, 8015B (GRO) / BTEX, 8015B (DRO), 8021 (BTEX), TITLE 22 / CAM 17 (6010 / 7000)

SPECIFY APPROPRIATE MATRIX: SOIL, WATER, GROUND WATER, WASTEWATER

ITEM	LAB USE ONLY: Batch #: 118089	Lab No.	Sample Description: Sample I.D. / Location	Date	Time	8270C (BNA)	SOIL	TAT	Container(s) #	Type	PRESERVATION	REMARKS
		11	G345-1.5	12-22-11	937	X	X	E	1	P	B	
		12	-2.5		938							
		13	G346-0		955							
		14	-0.5		956							
		15	-1.5		957							
		16	-2.5		958							
		17	G347-0		1007							
		18	G347-0.5		1008							
		19	-1.5		1009							
		20	-2.5		1010							

QA/QC: RTNE ☐ CT ☒ SWRCB ☐ Logcode _____ OTHER _____

• TAT starts 8 a.m. following day if samples received after 3 p.m.

TAT: A= Overnight ≤ 24 hr B= Emergency Next workday C= Critical 2 Workdays D= Urgent 3 Workdays E= Routine 7 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=Hcl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

DISTRIBUTION: White with report Yellow to folder Pink to submitter

CHAIN OF CUSTODY RECORD

Advanced Technology Laboratories
3275 Walnut Avenue
Signal Hill, CA 90755
(562) 989-4045 • Fax (562) 989-4040

FOR LABORATORY USE ONLY:

P.O.#: _____

Logged By: _____ Date: _____

Method of Transport: Client ☐ ATL ☐ CA OverN ☐ FEDEX ☐ Other: _____

Sample Condition Upon Receipt:
1. CHILLED Y☐ N☐ 4. SEALED Y☐ N☐
2. HEADSPACE (VOA) Y☐ N☐ 5. # OF SPLS MATCH COC Y☐ N☐
3. CONTAINER INTACT Y☐ N☐ 6. PRESERVED Y☐ N☐

Client: GEOCON CONSULTANTS, INC.
Attn: L. BEADLE
Address: 6671 Brisa Street
City: Livermore State: CA Zip Code: 94550
TEL: (925) 371-5900
FAX: (925) 371-5915

Project Name: TO-16 Project #: E8560-06-16 Sampler: (Printed Name) Luann Beadle (Signature) Luann Beadle

Relinquished by: (Signature and Printed Name) Luann Beadle Date: 12-23-11 Time: Received by: (Signature and Printed Name) GSO Date: Time:
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) MSG Date: 12/22/11 Time: 840
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:

I hereby authorize ATL to perform the work indicated below:
Project Mgr / Submitter: D. WATTS
Print Name Date
Signature: WATTS

Send Report To:
Attn: _____
Co: SAME AS ABOVE
Address _____
City _____ State _____ Zip _____

Bill To:
Attn: _____
Co: SAME AS ABOVE
Address _____
City _____ State _____ Zip _____

Special Instructions/Comments: see comment p. 1

Sample/Records - Archival & Disposal
Unless otherwise requested by client, all samples will be disposed 45 days after receipt and records will be disposed 1 year after submittal of final report.

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Circle or Add Analysis(es) Requested: 8081A (Pesticides), 8082 (PCB), 8260B (Volatiles), 8270C (BNA), 6010B (Total Metal) Lead, 8015B (GRO) / BTEX, 8015B (DRO), 8021 (BTEX), TITLE 22 / CAM 17 (6010 / 7000)

SPECIFY APPROPRIATE MATRIX: SOIL, WATER, GROUND WATER, WASTEWATER

QA/QC: RTNE ☐ CT ☒ SWRCB ☐ Logcode ____ OTHER ____

ITEM	LAB USE ONLY: Batch #: / Lab No.	Sample Description: Sample I.D. / Location	Date	Time	TAT	Container(s) #	Container(s) Type	PRESERVATION	REMARKS
	1100809-21	G348-0	12/21	1015	5 days	1	P B		
	22	-0.5		1016					
	23	-1.5		1017					
	24	-2.5		1018					
	25	G349-0		1020					
	26	-0.5		1021					
	27	-1.5		1022					
	28	-2.5		1023					
	29	G350-0		1030					
	30	-0.5		1031					

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TAT: A= Overnight ≤ 24 hr B= Emergency Next workday C= Critical 2 Workdays D= Urgent 3 Workdays E= Routine 7 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=Hcl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

DISTRIBUTION: White with report Yellow to folder Pink to submitter

CHAIN OF CUSTODY RECORD

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3275 Walnut Avenue
Signal Hill, CA 90755
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FOR LABORATORY USE ONLY:

P.O.#: _____

Logged By: _____ Date: _____

Method of Transport: Client ☐ ATL ☐ CA OverN ☐ FEDEX ☐ Other: _____

Sample Condition Upon Receipt: 1. CHILLED Y☐ N☐ 2. HEADSPACE (VOA) Y☐ N☐ 3. CONTAINER INTACT Y☐ N☐ 4. SEALED Y☐ N☐ 5. # OF SPLS MATCH COC Y☐ N☐ 6. PRESERVED Y☐ N☐

Client: GEOCON CONSULTANTS, INC.
Attn: L. BEADLE
Address: 6671 Brisa Street
City: Livermore State: CA Zip Code: 94550
TEL: (925) 371-5900
FAX: (925) 371-5915

Project Name: TO-16 Project #: E8560-06-16 Sampler: (Printed Name) L Beadle (Signature) L Beadle

Relinquished by: (Signature and Printed Name) Luann Beck Date: 12-23-11 Time: Received by: (Signature and Printed Name) GSO Date: Time:
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Margo Date: 12/22/11 Time: 840
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:

I hereby authorize ATL to perform the work indicated below:
Project Mgr / Submitter: D. WATTS
Print Name Date
Signature: WATTS

Send Report To: Attn: _____ Co: SAME AS ABOVE Address _____ City _____ State _____ Zip _____

Bill To: Attn: _____ Co: SAME AS ABOVE Address _____ City _____ State _____ Zip _____

Special Instructions/Comments: see comment p. 1

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SPECIFY APPROPRIATE MATRIX: SOIL, WATER, GROUND WATER, WASTEWATER

QA/QC: RTNE ☐ CT ☒ SWRCB ☐ Logcode _____ OTHER _____

ITEM	LAB USE ONLY: Batch #: / Lab No.	Sample Description: Sample I.D. / Location	Date	Time	SOIL	TAT	Container(s) #	Container(s) Type	PRESERVATION	REMARKS
	1100809 - 31	G350-1.5	12-21	1032	X	Pur	1	PH		
	32	-2.5		1033						
	33	G351-0		1040						
	34	-0.5		1041						
	35	-1.5		1042						
	36	-2.5		1043						
	37	G352-0		1050						
	38	G-352-0.5		1051						
	39	-1.5		1052						
	40	-2.5		1053						

• TAT starts 8 a.m. following day if samples received after 3 p.m.

TAT: A= Overnight ≤ 24 hr B= Emergency Next workday C= Critical 2 Workdays D= Urgent 3 Workdays E= Routine 7 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=Hcl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

DISTRIBUTION: White with report Yellow to folder Pink to submitter

CHAIN OF CUSTODY RECORD

Advanced Technology Laboratories
3275 Walnut Avenue
Signal Hill, CA 90755
(562) 989-4045 • Fax (562) 989-4040

FOR LABORATORY USE ONLY:

P.O.#: _____

Logged By: _____ Date: _____

Method of Transport: Client ☐ ATL ☐ CA OverN ☐ FEDEX ☐ Other: _____

Sample Condition Upon Receipt: 1. CHILLED Y☐ N☐ 2. HEADSPACE (VOA) Y☐ N☐ 3. CONTAINER INTACT Y☐ N☐ 4. SEALED Y☐ N☐ 5. # OF SPLS MATCH COC Y☐ N☐ 6. PRESERVED Y☐ N☐

Client: GEOCON CONSULTANTS, INC.
Attn: L. BEADLE
Address: 6671 Brisa Street
City: Livemore State: CA Zip Code: 94550
TEL: (925) 371-5900
FAX: (925) 371-5915

Project Name: TO-16 Project #: E8560-06-16 Sampler: (Printed Name) L Beadle (Signature) L. Beadle

Relinquished by: (Signature and Printed Name) L. Beadle Date: 12-23-11 Time: Received by: (Signature and Printed Name) G SO Date: Time:
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: 12/24/11 Time: 840
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:

I hereby authorize ATL to perform the work indicated below:
Project Mgr / Submitter:
D. WATTS
Print Name Date
Signature

Send Report To:
Attn: _____
Co: SAME AS ABOVE
Address _____
City _____ State _____ Zip _____

Bill To:
Attn: _____
Co: SAME AS ABOVE
Address _____
City _____ State _____ Zip _____

Special Instructions/Comments:
See Comment p. 1

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Circle or Add Analysis(es) Requested: 8081A (Pesticides), 8082 (PCB), 8260B (Volatiles), 8270C (BNA), 6010B (Total Metal), 8015B (GRO) / BTEX, 8015B (DRO), 8021 (BTEX), TITLE 22 / CAM 17 (6010 / 7000)

SPECIFY APPROPRIATE MATRIX: SOIL, WATER, GROUND WATER, WASTEWATER

QA/QC: RTNE ☐ CT ☒ SWRCB ☐ Logcode _____ OTHER _____

ITEM	LAB USE ONLY: Batch #: / Lab No.	Sample Description: Sample I.D. / Location	Date	Time	8260B (Volatiles)	8015B (GRO) / BTEX	SOIL	TAT	Container(s) #	Container(s) Type	PRESERVATION	REMARKS
	1100509-41	G353-0	12/24	1100	X		X	E	1	P	B	
	42	-0.5		1101								
	43	-1.5		1102								
	44	-2.5		1103								
	45	G354-0		1110								
	46	-0.5		1111								
	47	-1.5		1112								
	48	-2.5		1113								
	49	G355-0		1120								
	50	-0.5		1121								

• TAT starts 8 a.m. following day if samples received after 3 p.m.

TAT: A= Overnight ≤ 24 hr B= Emergency Next workday C= Critical 2 Workdays D= Urgent 3 Workdays E= Routine 7 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=Hcl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

DISTRIBUTION: White with report Yellow to folder Pink to submitter

CHAIN OF CUSTODY RECORD

Advanced Technology Laboratories
3275 Walnut Avenue
Signal Hill, CA 90755
(562) 989-4045 • Fax (562) 989-4040

FOR LABORATORY USE ONLY:

P.O.#: _____

Logged By: _____ Date: _____

Method of Transport: Client ☐ ATL ☐ CA OverN ☐ FEDEX ☐ Other: _____

Sample Condition Upon Receipt: 1. CHILLED Y☐ N☐ 2. HEADSPACE (VOA) Y☐ N☐ 3. CONTAINER INTACT Y☐ N☐ 4. SEALED Y☐ N☐ 5. # OF SPLS MATCH COC Y☐ N☐ 6. PRESERVED Y☐ N☐

Client: GEOCON CONSULTANTS, INC.
Attn: L. BEADLE
Address: 6671 Brisa Street
City: Livermore State: CA Zip Code: 94550
TEL: (925) 371-5900
FAX: (925) 371-5915

Project Name: TO-16 Project #: E8560-06-16 Sampler: (Printed Name) L. Beadle (Signature) L. Beadle

Relinquished by: (Signature and Printed Name)	Date	Time	Received by: (Signature and Printed Name)	Date	Time
L. Beadle / L. Beadle	12-23-11		GSO / [illegible]		
			[illegible]	12/24/11	840

I hereby authorize ATL to perform the work indicated below:
Project Mgr / Submitter: D. WATTS
Print Name _____ Date _____
Signature: [illegible]

Send Report To:
Attn: _____
Co: SAME AS ABOVE
Address _____
City _____ State _____ Zip _____

Bill To:
Attn: _____
Co: SAME AS ABOVE
Address _____
City _____ State _____ Zip _____

Special Instructions/Comments: See comment p1

Sample/Records - Archival & Disposal
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SPECIFY APPROPRIATE MATRIX: SOIL, WATER, GROUND WATER, WASTEWATER

QA/QC: RTNE ☐ CT ☒ SWRCB ☐ Logcode _____ OTHER _____

ITEM	LAB USE ONLY: Batch #: / Lab No.	Sample Description: Sample I.D. / Location	Date	Time	8081A	8082	8260B	8270C	6010B	8015B (GRO) / BTEX	8015B (DRO)	8021 (BTEX)	TITLE 22 / CAM 17	SOIL	WATER	GROUND WATER	WASTEWATER	TAT	Container(s) #	Type	PRESERVATION	REMARKS
	1100809-51	G355-1.5	12/24/11	1122					X					X					1	P	6	
	52	-2.5		1123																		
	53	G356-0		1125																		
	54	-0.5		1126																		
	55	-1.5		1127																		
	56	-2.5		1128																		
	57	G357-0		1132																		
	58	G357-0.5		1133																		
	59	-1.5		1134																		
	60	-2.5		1135																		

• TAT starts 8 a.m. following day if samples received after 3 p.m.

TAT: A= Overnight ≤ 24 hr; B= Emergency Next workday; C= Critical 2 Workdays; D= Urgent 3 Workdays; E= Routine 7 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=Hcl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

DISTRIBUTION: White with report Yellow to folder Pink to submitter

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P.O.#: _____
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Method of Transport: Client ☐ ATL ☐ CA OverN ☐ FEDEX ☐ Other: _____

Sample Condition Upon Receipt: 1. CHILLED Y☐ N☐ 2. HEADSPACE (VOA) Y☐ N☐ 3. CONTAINER INTACT Y☐ N☐ 4. SEALED Y☐ N☐ 5. # OF SPLS MATCH COC Y☐ N☐ 6. PRESERVED Y☐ N☐

Client: GEOCON CONSULTANTS, INC.
Attn: L. BEADLE
Address: 6671 Brisa Street
City: Livermore State: CA Zip Code: 94550
TEL: (925) 371-5900
FAX: (925) 371-5915

Project Name: TO-16 Project #: E8560-06-16 Sampler: (Printed Name) L. Beadle (Signature) L Beadle

Relinquished by: (Signature and Printed Name)	Date:	Time:	Received by: (Signature and Printed Name)	Date:	Time:
L Beadle L. Beadle	12-23-11		GSO		
Relinquished by: (Signature and Printed Name)	Date:	Time:	Received by: (Signature and Printed Name)	Date: 12/24/11	Time: 840
Relinquished by: (Signature and Printed Name)	Date:	Time:	Received by: (Signature and Printed Name)	Date:	Time:

I hereby authorize ATL to perform the work indicated below:
Project Mgr / Submitter: D. WATTS
Print Name _____ Date _____
Signature: WLL

Send Report To: Attn: _____ Co: SAME AS ABOVE Address _____ City _____ State _____ Zip _____

Bill To: Attn: _____ Co: SAME AS ABOVE Address _____ City _____ State _____ Zip _____

Special Instructions/Comments: See comment p. 1

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SPECIFY APPROPRIATE MATRIX: SOIL, WATER, GROUND WATER, WASTEWATER

QA/QC: RTNE ☐ CT ☒ SWRCB ☐ Logcode ____ OTHER ____

ITEM	LAB USE ONLY: Batch #: / Lab No.	Sample Description: Sample I.D. / Location	Date	Time	8081A (Pesticides)	8082 (PCB)	8260B (Volatiles)	8270C (BNA)	6010B (Total Metal) Lead	8015B (GRO) / BTEX	8015B (DRO)	8021 (BTEX)	TITLE 22 / CAM 17 (6010 / 7000)	SOIL	WATER	GROUND WATER	WASTEWATER	TAT	Container(s) #	Container(s) Type	PRESERVATION	REMARKS
	1100809 - 61	G-358-0	12/21	1150				X						X					1	P		
	62	-0.5		1151																		
	63	-1.5		1152																		
	64	-2.5		1153																		
	65	G-359-0		1155																		
	66	-0.5		1156																		
	67	-1.5		1157																		
	68	-2.5		1158																		
	69	G-360-0		1200																		
	70	-0.5		1201																		

• TAT starts 8 a.m. following day if samples received after 3 p.m.

TAT: A= Overnight ≤ 24 hr; B= Emergency Next workday; C= Critical 2 Workdays; D= Urgent 3 Workdays; E= Routine 7 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=Hcl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

DISTRIBUTION: White with report Yellow to folder Pink to submitter

CHAIN OF CUSTODY RECORD

Advanced Technology Laboratories
3275 Walnut Avenue
Signal Hill, CA 90755
(562) 989-4045 • Fax (562) 989-4040

FOR LABORATORY USE ONLY:

P.O.#: _____

Logged By: _____ Date: _____

Method of Transport: Client ☐ ATL ☐ CA OverN ☐ FEDEX ☐ Other: _____

Sample Condition Upon Receipt: 1. CHILLED Y☐ N☐ 2. HEADSPACE (VOA) Y☐ N☐ 3. CONTAINER INTACT Y☐ N☐ 4. SEALED Y☐ N☐ 5. # OF SPLS MATCH COC Y☐ N☐ 6. PRESERVED Y☐ N☐

Client: GEOCON CONSULTANTS, INC.
Attn: L. BEADLE
Address: 6671 Brisa Street
City: Livemore State: CA Zip Code: 94550
TEL: (925) 371-5900
FAX: (925) 371-5915

Project Name: TO-16 Project #: E8560-06-16 Sampler: (Printed Name) L. Beadle (Signature) L Beadle

Relinquished by: (Signature and Printed Name)	Date	Time	Received by: (Signature and Printed Name)	Date	Time
L Beadle L. Beadle	12-23-11		GSO		
			Mary Mr	12/24/11	8:40

I hereby authorize ATL to perform the work indicated below:
Project Mgr/Submitter: D. WATTS
Print Name Date
Signature: WATTS

Send Report To: Attn: _____ Co: SAME AS ABOVE Address _____ City _____ State _____ Zip _____

Bill To: Attn: _____ Co: SAME AS ABOVE Address _____ City _____ State _____ Zip _____

Special Instructions/Comments: See comment p1

Sample/Records - Archival & Disposal
Unless otherwise requested by client, all samples will be disposed 45 days after receipt and records will be disposed 1 year after submittal of final report.

Storage Fees (applies when storage is requested):
- Sample : $2.00 / sample / mo (after 45 days)
- Records : $1.00 / ATL workorder / mo (after 1 year)

Circle or Add Analysis(es) Requested: 8081A (Pesticides), 8082 (PCB), 8260B (Volatiles), 8270C (BNA), 6010B (Total Metal) Lead, 8015B (GRO) / BTEX, 8015B (DRO), 8021 (BTEX), TITLE 22 / CAM 17 (6010 / 7000)

SPECIFY APPROPRIATE MATRIX: SOIL, WATER, GROUND WATER, WASTEWATER

QA/QC: RTNE ☐ CT ☒ SWRCB ☐ Logcode _____ OTHER _____

ITEM	LAB USE ONLY: Batch #: / Lab No.	Sample Description: Sample I.D. / Location	Date	Time	8270C (BNA)	6010B (Total Metal) Lead	SOIL	TAT	Container(s) #	Container(s) Type	PRESERVATION	REMARKS
	1100509-71	G-360-1.5	12-23-11	1202	X		X		1	pb		
	72	-2.5		1203								
	73	G-361-0		1208								
	74	-0.5		1209								
	75	-1.5		1210								
	76	-2.5		1211								
	77	G-363-0		1216								
	78	-0.5		1217								
	79	-1.5		1218								
	80	-2.5		1219								

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TAT: A= Overnight ≤ 24 hr B= Emergency Next workday C= Critical 2 Workdays D= Urgent 3 Workdays E= Routine 7 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=Hcl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

DISTRIBUTION: White with report Yellow to folder Pink to submitter

CHAIN OF CUSTODY RECORD

Advanced Technology Laboratories
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Signal Hill, CA 90755
(562) 989-4045 • Fax (562) 989-4040

FOR LABORATORY USE ONLY:

P.O.#: _____

Logged By: _____ Date: _____

Method of Transport: Client ☐ ATL ☐ CA OverN ☐ FEDEX ☐ Other: _____

Sample Condition Upon Receipt: 1. CHILLED Y☐ N☐ 2. HEADSPACE (VOA) Y☐ N☐ 3. CONTAINER INTACT Y☐ N☐ 4. SEALED Y☐ N☐ 5. # OF SPLS MATCH COC Y☐ N☐ 6. PRESERVED Y☐ N☐

Client: GEOCON CONSULTANTS, INC.
Attn: L. BEADLE

Address: 6671 Brisa Street
City: Livermore State: CA Zip Code: 94550

TEL: (925) 371-5900
FAX: (925) 371-5915

Project Name: TO-16 Project #: E8560-06-16 Sampler: (Printed Name) L. Beadle (Signature) L. Beadle

Relinquished by: (Signature and Printed Name) L. Beadle L. Beadle Date: 12-23-11 Time: Received by: (Signature and Printed Name) Date: Time:

Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: 12/24/11 Time: 840

Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:

I hereby authorize ATL to perform the work indicated below:
Project Mgr / Submitter: D. WATTS
Print Name Date
Signature

Send Report To: Attn: _____ Co: SAME AS ABOVE Address _____ City _____ State _____ Zip _____

Bill To: Attn: _____ Co: SAME AS ABOVE Address _____ City _____ State _____ Zip _____

Special Instructions/Comments: See comment #1

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SPECIFY APPROPRIATE MATRIX: SOIL, WATER, GROUND WATER, WASTEWATER

QA/QC: RTNE ☐ CT ☒ SWRCB ☐ Logcode _____ OTHER _____

ITEM	LAB USE ONLY: Batch #: / Lab No.	Sample Description: Sample I.D. / Location	Date	Time	8081A (Pesticides)	8082 (PCB)	8260B (Volatiles)	8270C (BNA)	6010B (Total Metal) Lead	8015B (GRO) / BTEX	8015B (DRO)	8021 (BTEX)	TITLE 22 / CAM 17 (6010 / 7000)	SOIL	WATER	GROUND WATER	WASTEWATER	TAT	Container(s) #	Container(s) Type	PRESERVATION	REMARKS
	1100209 81	G364-0	12/23/11	1221					X					X				E	1	P	B	
	82	-0.5		1222																		
	83	-1.5		1223																		
	84	-2.5		1224																		
	85	G365-0		1226																		
	86	-0.5		1227																		
	87	-1.5		1228																		
	88	-2.5		1229																		
	89	G368-0		1235																		
	90	-0.5		1236																		

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Preservatives: H=Hcl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

DISTRIBUTION: White with report Yellow to folder Pink to submitter

CHAIN OF CUSTODY RECORD

Advanced Technology Laboratories
3275 Walnut Avenue
Signal Hill, CA 90755
(562) 989-4045 • Fax (562) 989-4040

FOR LABORATORY USE ONLY:

P.O.#: _____

Logged By: _____ Date: _____

Method of Transport: Client ☐ ATL ☐ CA OverN ☐ FEDEX ☐ Other: _____

Sample Condition Upon Receipt: 1. CHILLED Y☐ N☐ 2. HEADSPACE (VOA) Y☐ N☐ 3. CONTAINER INTACT Y☐ N☐ 4. SEALED Y☐ N☐ 5. # OF SPLS MATCH COC Y☐ N☐ 6. PRESERVED Y☐ N☐

Client: GEOCON CONSULTANTS, INC.
Attn: L. BEADLE
Address: 6671 Brisa Street
City: Livermore State: CA Zip Code: 94550
TEL: (925) 371-5900
FAX: (925) 371-5915

Project Name: TO-16 Project #: E8560-06-16 Sampler: (Printed Name) L. Beadle (Signature) L. Beadle

Relinquished by: (Signature and Printed Name) L. Beadle Date: 12-23-11 Time: Received by: (Signature and Printed Name) GSO Date: Time:

Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: 12/24/11 Time: 840

Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:

I hereby authorize ATL to perform the work indicated below:
Project Mgr / Submitter:
D. WATTS
Print Name Date
Signature

Send Report To:
Attn: _____
Co: SAME AS ABOVE
Address _____
City _____ State _____ Zip _____

Bill To:
Attn: _____
Co: SAME AS ABOVE
Address _____
City _____ State _____ Zip _____

Special Instructions/Comments: See comment p 1

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SPECIFY APPROPRIATE MATRIX: SOIL, WATER, GROUND WATER, WASTEWATER

QA/QC: RTNE ☐ CT ☒ SWRCB ☐ Logcode ____ OTHER ____

ITEM	LAB USE ONLY: Batch #: / Lab No.	Sample Description: Sample I.D. / Location	Date	Time	8081A (Pesticides)	8082 (PCB)	8260B (Volatiles)	8270C (BNA)	6010B (Total Metal) Lead	8015B (GRO) / BTEX	8015B (DRO)	8021 (BTEX)	TITLE 22 / CAM 17 (6010 / 7000)	SOIL	WATER	GROUND WATER	WASTEWATER	TAT	Container(s) #	Container(s) Type	PRESERVATION	REMARKS
	1100809-91	G368-1.5	12/27/11	1237				X						X				Other	1	P/B		
	92	-2.5		1238																		
	93	G369-0		1245																		
	94	-0.5		1246																		
	95	-1.5		1247																		
	96	-2.5		1248																		
	97	G371-0		1300																		
	98	G371-0.5		1301																		
	99	-1.5		1302																		
AA	100	-2.5		1303																		

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Preservatives: H=Hcl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

DISTRIBUTION: White with report Yellow to folder Pink to submitter

CHAIN OF CUSTODY RECORD

Advanced Technology Laboratories
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(562) 989-4045 • Fax (562) 989-4040

FOR LABORATORY USE ONLY:

P.O.#: _____
Logged By: _____ Date: _____

Method of Transport: Client ☐ ATL ☐ CA OverN ☐ FEDEX ☐ Other: _____

Sample Condition Upon Receipt
1. CHILLED Y☐ N☐ 4. SEALED Y☐ N☐
2. HEADSPACE (VOA) Y☐ N☐ 5. # OF SPLS MATCH COC Y☐ N☐
3. CONTAINER INTACT Y☐ N☐ 6. PRESERVED Y☐ N☐

Client: GEOCON CONSULTANTS, INC.
Attn: L. BEADLE
Address: 6671 Brisa Street
City: Livermore State: CA Zip Code: 94550
TEL: (925) 371-5900
FAX: (925) 371-5915

Project Name: TO-16 Project #: E8560-06-16 Sampler: (Printed Name) L. Beadle (Signature) L. Beadle

Relinquished by: (Signature and Printed Name)	Date:	Time:	Received by: (Signature and Printed Name)	Date:	Time:
L. Beadle	12-23-11				
				12/24/11	840

I hereby authorize ATL to perform the work indicated below:
Project Mgr / Submitter: D. WATTS
Print Name _____ Date _____
Signature: Will L

Send Report To:
Attn: _____
Co: SAME AS ABOVE
Address _____
City _____ State _____ Zip _____

Bill To:
Attn: _____
Co: SAME AS ABOVE
Address _____
City _____ State _____ Zip _____

Special Instructions/Comments:
See Comment P.1

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SPECIFY APPROPRIATE MATRIX: SOIL, WATER, GROUND WATER, WASTEWATER

ITEM	LAB USE ONLY: Batch #: / Lab No.	Sample Description: Sample I.D. / Location	Date	Time	8270C	6010B Lead	SOIL	TAT	Container(s) #	Container(s) Type	PRESERVATION	REMARKS
AB	1104809 - 101	G372-0	12/22/11	1306	X		X		1	P	B	
AC	102	-0.5		1307								
AD	103	-1.5		1308								
AE	104	-2.5		1309								
AF	105	G373-0		1315								
AG	106	-0.5		1316								
AH	107	-1.5		1317								
AI	108	-2.5		1318								
AJ	109	G374-0		1324								
AK	110	-0.5		1325								

QA/QC: RTNE ☐ CT ☒ SWRCB ☐ Logcode _____ OTHER _____

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TAT: A= Overnight ≤ 24 hr; B= Emergency Next workday; C= Critical 2 Workdays; D= Urgent 3 Workdays; E= Routine 7 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=HCl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

DISTRIBUTION: White with report Yellow to folder Pink to submitter

CHAIN OF CUSTODY RECORD

Advanced Technology Laboratories
3275 Walnut Avenue
Signal Hill, CA 90755
(562) 989-4045 • Fax (562) 989-4040

FOR LABORATORY USE ONLY:

P.O.#: _____

Logged By: _____ Date: _____

Method of Transport: Client ☐ ATL ☐ CA OverN ☐ FEDEX ☐ Other: _____

Sample Condition Upon Receipt:
1. CHILLED Y☐ N☐ 4. SEALED Y☐ N☐
2. HEADSPACE (VOA) Y☐ N☐ 5. # OF SPLS MATCH COC Y☐ N☐
3. CONTAINER INTACT Y☐ N☐ 6. PRESERVED Y☐ N☐

Client: GEOCON CONSULTANTS, INC.
Attn: L. BEADLE
Address: 6671 Brisa Street
City: Livermore State: CA Zip Code: 94550
TEL: (925) 371-5900
FAX: (925) 371-5915

Project Name: TO-16 Project #: E8560-06-16 Sampler: (Printed Name) L. Beadle (Signature) L. Beadle

Relinquished by: (Signature and Printed Name) L. Beadle L. Beadle Date: 12-23-11 Time: Received by: (Signature and Printed Name) GSO Marq Date: Time:

Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: 12/24/11 Time: 840

Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:

I hereby authorize ATL to perform the work indicated below:
Project Mgr / Submitter: D. WATTS
Print Name Date
Signature

Send Report To:
Attn: _____
Co: SAME AS ABOVE
Address _____
City _____ State _____ Zip _____

Bill To:
Attn: _____
Co: SAME AS ABOVE
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Special Instructions/Comments: See Comment p. 1

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SPECIFY APPROPRIATE MATRIX: SOIL, WATER, GROUND WATER, WASTEWATER

QA/QC: RTNE ☐ CT ☒ SWRCB ☐ Logcode _____ OTHER _____

ITEM	LAB USE ONLY: Batch #: / Lab No.	Sample Description: Sample I.D. / Location	Date	Time	8270C (BNA)	6010B (Total Metal) Lead	SOIL	TAT	Container(s) #	Container(s) Type	PRESERVATION	REMARKS
AL	1100809 – 111	G-374-1.5	12-22-11	1326		X	X		1	P B		
AM	112	2.5		1327								
AN	113	G-375-0		1329								
AO	114	-0.5		1330								
AP	115	-1.5		1331								
AQ	116	-2.5		1332								
AR	117	G-376-0		1336								
AS	118	-0.5		1337								
AT	119	1.5		1338								
AU	120	2.5		1339								

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Preservatives: H=Hcl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

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Client: GEOCON CONSULTANTS, INC.
Attn: L. BEADLE
Address: 6671 Brisa Street
City: Livermore State: CA Zip Code: 94550
TEL: (925) 371-5900
FAX: (925) 371-5915

Project Name: TO-16 Project #: E8560-06-16 Sampler: (Printed Name) L. Beadle (Signature) L. Beadle

Relinquished by: (Signature and Printed Name) L. Beadle L. Beadle Date: 12-23-11 Time: Received by: (Signature and Printed Name) GSO Date: Time:
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Mary Date: 12/24/11 Time: 840
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:

I hereby authorize ATL to perform the work indicated below:
Project Mgr (Submitter)
D. WATTS
Print Name Date
Signature

Send Report To:
Attn: _____
Co: SAME AS ABOVE
Address _____
City _____ State _____ Zip _____

Bill To:
Attn: _____
Co: SAME AS ABOVE
Address _____
City _____ State _____ Zip _____

Special Instructions/Comments:
See comment, p.1

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QA/QC: RTNE ☐ CT ☒ SWRCB ☐ Logcode ____ OTHER ____

ITEM	LAB USE ONLY: Batch #: / Lab No.	Sample Description: Sample I.D. / Location	Date	Time	8081A (Pesticides)	8082 (PCB)	8260B (Volatiles)	8270C (BNA)	6010B (Total Metal) Lead	8015B (GRO) / BTEX	8015B (DRO)	8021 (BTEX)	TITLE 22 / CAM 17 (6010 / 7000)	SOIL	WATER	GROUND WATER	WASTEWATER	TAT	Container(s) #	Container(s) Type	PRESERVATION	REMARKS
AV	1100609 - 121	G377-0	12-22-11	1345					X					X				B	1	P B		
AW	122	-0.5		1346																		
AX	123	-1.5		1347																		
AY	124	-2.5		1348																		
AZ	125	G378-0		1351																		
BA	126	-0.5		1352																		
BB	127	-1.5		1353																		
BC	128	-2.5		1354																		
BD	129	G379-0		1358																		
BE	130	-0.5		1359																		

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P.O.#: _____

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Method of Transport: Client ☐ ATL ☐ CA OverN ☐ FEDEX ☐ Other: _____

Sample Condition Upon Receipt: 1. CHILLED Y☐ N☐ 2. HEADSPACE (VOA) Y☐ N☐ 3. CONTAINER INTACT Y☐ N☐ 4. SEALED Y☐ N☐ 5. # OF SPLS MATCH COC Y☐ N☐ 6. PRESERVED Y☐ N☐

Client: GEOCON CONSULTANTS, INC.
Attn: L. BEADLE
Address: 6671 Brisa Street
City: Livemore State: CA Zip Code: 94550
TEL: (925) 371-5900
FAX: (925) 371-5915

Project Name: TO-16 Project #: E8560-06-16 Sampler: (Printed Name) L. Beadle (Signature) L. Beadle

Relinquished by: (Signature and Printed Name) L. Beadle L. Beadle Date: 12-23-11 Time: Received by: (Signature and Printed Name) GSO Date: Time:
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: 12/24/11 Time: 840
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:

I hereby authorize ATL to perform the work indicated below:
Project Mgr / Submitter: D. WATTS
Print Name Date
Signature

Send Report To: Attn: _____ Co: SAME AS ABOVE Address _____ City _____ State _____ Zip _____

Bill To: Attn: _____ Co: SAME AS ABOVE Address _____ City _____ State _____ Zip _____

Special Instructions/Comments: See comment, p. 1

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- Sample : $2.00 / sample / mo (after 45 days)
- Records : $1.00 / ATL workorder / mo (after 1 year)

Circle or Add Analysis(es) Requested: 8081A (Pesticides), 8082 (PCB), 8260B (Volatiles), 8270C (BNA), 6010B (Total Metal) Lead, 8015B (GRO) / BTEX, 8015B (DRO), 8021 (BTEX), TITLE 22 / CAM 17 (6010 / 7000)

SPECIFY APPROPRIATE MATRIX: SOIL, WATER, GROUND WATER, WASTEWATER

QA/QC: RTNE ☐ CT ☒ SWRCB ☐ Logcode _____ OTHER _____

ITEM	LAB USE ONLY: Batch #: / Lab No.	Sample Description: Sample I.D. / Location	Date	Time	TAT	Container(s) #	Container(s) Type	PRESERVATION	REMARKS
BF	11036829 - 131	G-379 -1.5	12-22-11	1400		1	8 13		
BG	132	-2.5		1401					
BH	133	G-380 -0		1405					
BI	134	-0.5		1406					
BJ	135	-1.5		1407					
BK	136	-2.5		1408					
BL	137	G-381 -0		1415					
BM	138	-0.5		1416					
BN	139	-1.5		1417					
BO	140	-2.5		1418					

• TAT starts 8 a.m. following day if samples received after 3 p.m.

TAT: A= Overnight ≤ 24 hr B= Emergency Next workday C= Critical 2 Workdays D= Urgent 3 Workdays E= Routine 7 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=Hcl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

DISTRIBUTION: White with report Yellow to folder Pink to submitter

CHAIN OF CUSTODY RECORD

Advanced Technology Laboratories
3275 Walnut Avenue
Signal Hill, CA 90755
(562) 989-4045 • Fax (562) 989-4040

FOR LABORATORY USE ONLY:

P.O.#: _____

Logged By: _____ Date: _____

Method of Transport: Client ☐ ATL ☐ CA OverN ☐ FEDEX ☐ Other: _____

Sample Condition Upon Receipt: 1. CHILLED Y☐ N☐ 2. HEADSPACE (VOA) Y☐ N☐ 3. CONTAINER INTACT Y☐ N☐ 4. SEALED Y☐ N☐ 5. # OF SPLS MATCH COC Y☐ N☐ 6. PRESERVED Y☐ N☐

Client: GEOCON CONSULTANTS, INC.
Attn: L. BEADLE
Address: 6671 Brisa Street
City: Livermore State: CA Zip Code: 94550
TEL: (925) 371-5900
FAX: (925) 371-5915

Project Name: TO-16 Project #: E8560-06-16 Sampler: L. Beadle (Printed Name) L. Beadle (Signature)

Relinquished by: (Signature and Printed Name) L. Beadle Date: 12-23-11 Time: Received by: (Signature and Printed Name) GSO Date: Time:
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: 12/23/11 Time: 843
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:

I hereby authorize ATL to perform the work indicated below:
Project Mgr / Submitter: D. WATTS
Print Name Date
Signature

Send Report To: Attn: _____ Co: SAME AS ABOVE Address _____ City _____ State _____ Zip _____

Bill To: Attn: _____ Co: SAME AS ABOVE Address _____ City _____ State _____ Zip _____

Special Instructions/Comments: See comment, p. 1

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SPECIFY APPROPRIATE MATRIX: SOIL, WATER, GROUND WATER, WASTEWATER

QA/QC: RTNE ☐ CT ☒ SWRCB ☐ Logcode _____ OTHER _____

ITEM	LAB USE ONLY: Batch #: / Lab No.	Sample Description: Sample I.D. / Location	Date	Time	8081A (Pesticides)	8082 (PCB)	8260B (Volatiles)	8270C (BNA)	6010B (Total Metal) Lead	8015B (GRO) / BTEX	8015B (DRO)	8021 (BTEX)	TITLE 22 / CAM 17 (6010 / 7000)	SOIL	WATER	GROUND WATER	WASTEWATER	TAT	Container(s) #	Container(s) Type	PRESERVATION	REMARKS
BP	1100809-141	C-38-0	12-22-11	1422					X					X				B	1	P	B	
BQ	142	-0.5		1423																		
BR	143	-1.5		1424																		
BS	144	-2.5		1425																		

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Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=Hcl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

DISTRIBUTION: White with report Yellow to folder Pink to submitter

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P.O.#: _____

Logged By: _____ Date: _____

Method of Transport: Client ☐ ATL ☐ CA OverN ☐ FEDEX ☐ Other: _____

Sample Condition Upon Receipt:
1. CHILLED Y☐ N☐ 4. SEALED Y☐ N☐
2. HEADSPACE (VOA) Y☐ N☐ 5. # OF SPLS MATCH COC Y☐ N☐
3. CONTAINER INTACT Y☐ N☐ 6. PRESERVED Y☐ N☐

Client: GEOCON CONSULTANTS, INC.
Attn: L. BEADLE
Address: 6671 Brisa Street
City: Livermore State: CA Zip Code: 94550
TEL: (925) 371-5900
FAX: (925) 371-5915

Project Name: TO-16 Project #: E8560-06-16 Sampler: (Printed Name) C. Merritt / L. Beadle (Signature) L. Beadle

Relinquished by: (Signature and Printed Name)	Date:	Time:	Received by: (Signature and Printed Name)	Date:	Time:
L. Beadle L. Beadle	12-23-11		GSO		
			May	12/24/11	840

I hereby authorize ATL to perform the work indicated below:
Project Mgr / Submitter: D. WATTS
Print Name _____ Date _____
Signature: Will L

Send Report To:
Attn: _____
Co: SAME AS ABOVE
Address _____
City _____ State _____ Zip _____

Bill To:
Attn: _____
Co: SAME AS ABOVE
Address _____
City _____ State _____ Zip _____

Special Instructions/Comments: See comment, P.1

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SPECIFY APPROPRIATE MATRIX: SOIL, WATER, GROUND WATER, WASTEWATER

QA/QC: RTNE ☐ CT ☒ SWRCB ☐ Logcode ____ OTHER ____

ITEM	LAB USE ONLY: Batch #: / Lab No.	Sample Description: Sample I.D. / Location	Date	Time	8081A (Pesticides)	8082 (PCB)	8260B (Volatiles)	8270C (BNA)	6010B (Total Metal)	8015B (GRO) / BTEX	8015B (DRO)	8021 (BTEX)	TITLE 22 / CAM 17 (6010 / 7000)	SOIL	WATER	GROUND WATER	WASTEWATER	TAT	Container(s) #	Container(s) Type	PRESERVATION	REMARKS
BT	1100509 - 145	G418-0	12-22-11	1055								X		X				E	1	various	C	
BU	146	-0.5																				
BV	147	-1.5																				
BW	148	-2.5																				
BX	149	G420-0		1100																		
BY	150	-0.5																				
BZ	151	-1.5																				
CA	152	-2.5																				
CB	153	G-422-0		1115																		
CC	154	-0.5																				

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Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=HCl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

DISTRIBUTION: White with report Yellow to folder Pink to submitter

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Signal Hill, CA 90755
(562) 989-4045 • Fax (562) 989-4040

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P.O.#: _____

Logged By: _____ Date: _____

Method of Transport: Client ☐ ATL ☐ CA OverN ☐ FEDEX ☐ Other: _____

Sample Condition Upon Receipt: 1. CHILLED Y☐ N☐ 2. HEADSPACE (VOA) Y☐ N☐ 3. CONTAINER INTACT Y☐ N☐ 4. SEALED Y☐ N☐ 5. # OF SPLS MATCH COC Y☐ N☐ 6. PRESERVED Y☐ N☐

Client: GEOCON CONSULTANTS, INC.
Attn: L. BEADLE
Address: 6671 Brisa Street
City: Livermore State: CA Zip Code: 94550
TEL: (925) 371-5900
FAX: (925) 371-5915

Project Name: TO-16 Project #: E8560-06-16 Sampler: (Printed Name) C. Merritt / L. Beadle (Signature) L. Beadle

Relinquished by: (Signature and Printed Name) L. Beadle L. Beadle Date: 12-23-11 Time: Received by: (Signature and Printed Name) GSO Date: Time:
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Mary Date: 12/29/11 Time: 840
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:

I hereby authorize ATL to perform the work indicated below:
Project Mgr / Submitter: D. WATTS
Print Name Date
Signature

Send Report To: Attn: _____ Co: SAME AS ABOVE Address _____ City _____ State _____ Zip _____

Bill To: Attn: _____ Co: SAME AS ABOVE Address _____ City _____ State _____ Zip _____

Special Instructions/Comments: See comment, p.1

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SPECIFY APPROPRIATE MATRIX: SOIL, WATER, GROUND WATER, WASTEWATER

QA/QC: RTNE ☐ CT ☒ SWRCB ☐ Logcode ____ OTHER ____

ITEM	LAB USE ONLY: Batch #: / Lab No.	Sample Description: Sample I.D. / Location	Date	Time	8081A (Pesticides)	8082 (PCB)	8260B (Volatiles)	8270C (BNA)	6010B (Total Metal)	8015B (GRO) / BTEX	8015B (DRO)	8021 (BTEX)	TITLE 22 / CAM 17 (6010 / 7000)	SOIL	WATER	GROUND WATER	WASTEWATER	TAT	Container(s) #	Container(s) Type	PRESERVATION	REMARKS
CD	1100209 - 155	G424-0	12-22-11	1125								X		X				E	1	various	C	
CE	158	-0.5																				
CF	157	-1.5																				
CG	156	-2.5																				
CH	159	G426-0		1130																		
CI	160	-0.5																				
CJ	161	-1.5																				
CK	162	-2.5																				
CL	163	G427-0		1135																		
CM	164	-0.5																				

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Preservatives: H=Hcl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

DISTRIBUTION: White with report Yellow to folder Pink to submitter

CHAIN OF CUSTODY RECORD

Advanced Technology Laboratories
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Signal Hill, CA 90755
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FOR LABORATORY USE ONLY:

P.O.#: _____

Logged By: _____ Date: _____

Method of Transport: Client ☐ ATL ☐ CA OverN ☐ FEDEX ☐ Other: _____

Sample Condition Upon Receipt:
1. CHILLED Y☐ N☐ 4. SEALED Y☐ N☐
2. HEADSPACE (VOA) Y☐ N☐ 5. # OF SPLS MATCH COC Y☐ N☐
3. CONTAINER INTACT Y☐ N☐ 6. PRESERVED Y☐ N☐

Client: GEOCON CONSULTANTS, INC.
Attn: L. BEADLE
Address: 6671 Brisa Street
City: Livermore State: CA Zip Code: 94550
TEL: (925) 371-5900
FAX: (925) 371-5915

Project Name: TO-16 Project #: E8560-06-16 Sampler: (Printed Name) C. Merritt / L. Beadle (Signature) L. Beadle

Relinquished by: (Signature and Printed Name)	Date	Time	Received by: (Signature and Printed Name)	Date	Time
L. Beadle / L. Beadle	12-23-11		CSO / Margo		
Relinquished by: (Signature and Printed Name)	Date:	Time:	Received by: (Signature and Printed Name)	Date: 12/23/11	Time: 840
Relinquished by: (Signature and Printed Name)	Date:	Time:	Received by: (Signature and Printed Name)	Date:	Time:

I hereby authorize ATL to perform the work indicated below:
Project Mgr / Submitter: D. WATTS
Print Name Date
Signature

Send Report To: Attn: _____ Co: SAME AS ABOVE Address _____ City _____ State _____ Zip _____

Bill To: Attn: _____ Co: SAME AS ABOVE Address _____ City _____ State _____ Zip _____

Special Instructions/Comments: See comment, p.1

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SPECIFY APPROPRIATE MATRIX: SOIL, WATER, GROUND WATER, WASTEWATER

QA/QC: RTNE ☐ CT ☒ SWRCB ☐ Logcode _____ OTHER _____

ITEM	LAB USE ONLY: Batch #: / Lab No.	Sample Description: Sample I.D. / Location	Date	Time	8081A	8082	8260B	8270C	6010B Lead	8015B (GRO) / BTEX	8015B (DRO)	8021 (BTEX)	TITLE 22 / CAM 17	SOIL	WATER	GROUND WATER	WASTEWATER	TAT	Container(s) #	Container(s) Type	PRESERVATION	REMARKS
CN	1100689 - 165	G469-0	12-22-11	1210					X					X				E	1	varies		
CO	166	-0.5																				
CP	167	-1.5																				
CQ	168	-2.5																				
CR	169	G470-0		1215																		
CS	170	-0.5																				
CT	171	-1.5																				
CU	172	-2.5																				
CV	173	G471-0		1220																		
CW	174	-0.5																				

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Method of Transport: Client ☐ ATL ☐ CA OverN ☐ FEDEX ☐ Other: _____

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Client: GEOCON CONSULTANTS, INC.
Attn: L. BEADLE
Address: 6671 Brisa Street
City: Livermore State: CA Zip Code: 94550
TEL: (925) 371-5900
FAX: (925) 371-5915

Project Name: TO-16 Project #: E8560-06-16 Sampler: (Printed Name) C. Merritt / L. Beadle (Signature) L Beadle

Relinquished by: (Signature and Printed Name) L Beadle L. Beadle Date: 12-23-11 Time: Received by: (Signature and Printed Name) GSO Date: Time:
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: 12/24/11 Time: 840
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:

I hereby authorize ATL to perform the work indicated below:
Project Mgr / Submitter: D. WATTS
Print Name Date
Signature

Send Report To: Attn: _____ Co: SAME AS ABOVE Address _____ City _____ State _____ Zip _____

Bill To: Attn: _____ Co: SAME AS ABOVE Address _____ City _____ State _____ Zip _____

Special Instructions/Comments: See comment, p.1

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SPECIFY APPROPRIATE MATRIX: SOIL, WATER, GROUND WATER, WASTEWATER

QA/QC: RTNE ☐ CT ☒ SWRCB ☐ Logcode _____ OTHER _____

ITEM	LAB USE ONLY: Batch #: / Lab No.	Sample Description: Sample I.D. / Location	Date	Time	8270C (BNA)	SOIL	TAT	Container(s) #	Container(s) Type	PRESERVATION	REMARKS
CX	11006009 - 175	G471 - 1.5	12-22-11	1220	X	X	E	1	various		
CY	176	- 2.5									
CZ	177	G472 - 0		0855							
DA	178	- 0.5									
DB	179	- 1.5									
DC	180	- 2.5									
DD	181	G473 - 0		1240							
DE	182	- 0.5									
DF	183	- 1.5									
DG	184	- 2.5									

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FOR LABORATORY USE ONLY:

P.O.#: _____

Logged By: _____ Date: _____

Method of Transport: Client ☐ ATL ☐ CA OverN ☐ FEDEX ☐ Other: _____

Sample Condition Upon Receipt: 1. CHILLED Y☐ N☐ 2. HEADSPACE (VOA) Y☐ N☐ 3. CONTAINER INTACT Y☐ N☐ 4. SEALED Y☐ N☐ 5. # OF SPLS MATCH COC Y☐ N☐ 6. PRESERVED Y☐ N☐

Client: GEOCON CONSULTANTS, INC.
Attn: L. BEADLE
Address: 6671 Brisa Street
City: Livermore State: CA Zip Code: 94550
TEL: (925) 371-5900
FAX: (925) 371-5915

Project Name: TO-16 Project #: E8560-06-16 Sampler: (Printed Name) C. Merritt / L. Beadle (Signature) L. Beadle

Relinquished by: (Signature and Printed Name) L. Beadle Date: 12-22-11 Time: Received by: (Signature and Printed Name) G SD Date: Time:
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Marya Date: 12/24/11 Time: 840
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:

I hereby authorize ATL to perform the work indicated below:
Project Mgr (Submitter): D. WATTS
Print Name Date
Signature

Send Report To: Attn: _____ Co: SAME AS ABOVE Address _____ City _____ State _____ Zip _____

Bill To: Attn: _____ Co: SAME AS ABOVE Address _____ City _____ State _____ Zip _____

Special Instructions/Comments: See comment, p. 1

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SPECIFY APPROPRIATE MATRIX: SOIL, WATER, GROUND WATER, WASTEWATER

QA/QC: RTNE ☐ CT ☒ SWRCB ☐ Logcode ____ OTHER ____

ITEM	LAB USE ONLY: Batch #: / Lab No.	Sample Description: Sample I.D. / Location	Date	Time	8270C (BNA)	SOIL	TAT	Container(s) #	Container(s) Type	PRESERVATION	REMARKS
DH	1180809 - 185	G474-0	12-22-11	1245	X	X	E	1	vapors		
DI	186	-0.5									
DJ	187	-1.5									
DK	188	-2.5									
DL	189	G475-0		0905							
DM	190	-0.5									
DN	191	-1.5									
DO	192	-2.5									
DP	193	G476-0		1250							
DQ	194	-0.5									

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Preservatives: H=HCl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

DISTRIBUTION: White with report Yellow to folder Pink to submitter

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P.O.#: _____

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Method of Transport: Client ☐ ATL ☐ CA OverN ☐ FEDEX ☐ Other: _____

Sample Condition Upon Receipt:
1. CHILLED Y☐ N☐ 4. SEALED Y☐ N☐
2. HEADSPACE (VOA) Y☐ N☐ 5. # OF SPLS MATCH COC Y☐ N☐
3. CONTAINER INTACT Y☐ N☐ 6. PRESERVED Y☐ N☐

Client: GEOCON CONSULTANTS, INC.
Attn: L. BEADLE
Address: 6671 Brisa Street
City: Livermore State: CA Zip Code: 94550
TEL: (925) 371-5900
FAX: (925) 371-5915

Project Name: TO-16 Project #: E8560-06-16 Sampler: (Printed Name) C. Merritt / L. Beadle (Signature) L. Beadle

Relinquished by: (Signature and Printed Name)	Date:	Time:	Received by: (Signature and Printed Name)	Date:	Time:
L. Beadle	12-23-11		GSO		
			Mary	12/24/11	840

I hereby authorize ATL to perform the work indicated below:
Project Mgr / Submitter: D. WATTS
Print Name _____ Date _____
Signature: Will L

Send Report To:
Attn: _____
Co: SAME AS ABOVE
Address _____
City _____ State _____ Zip _____

Bill To:
Attn: _____
Co: SAME AS ABOVE
Address _____
City _____ State _____ Zip _____

Special Instructions/Comments: see comment, p.1

Sample/Records - Archival & Disposal
Unless otherwise requested by client, all samples will be disposed 45 days after receipt and records will be disposed 1 year after submittal of final report.

Storage Fees (applies when storage is requested):
- Sample : $2.00 / sample / mo (after 45 days)
- Records : $1.00 / ATL workorder / mo (after 1 year)

Circle or Add Analysis(es) Requested: 8081A (Pesticides), 8082 (PCB), 8260B (Volatiles), 8270C (BNA), 6010B (Total Metal) Lead, 8015B (GRO) / BTEX, 8015B (DRO), 8021 (BTEX), TITLE 22 / CAM 17 (6010 / 7000)

SPECIFY APPROPRIATE MATRIX: SOIL, WATER, GROUND WATER, WASTEWATER

QA/QC: RTNE ☐ CT ☒ SWRCB ☐ Logcode _____ OTHER _____

ITEM	LAB USE ONLY: Batch #: / Lab No.	Sample Description: Sample I.D. / Location	Date	Time	8081A (Pesticides)	8082 (PCB)	8260B (Volatiles)	8270C (BNA)	6010B (Total Metal) Lead	8015B (GRO) / BTEX	8015B (DRO)	8021 (BTEX)	TITLE 22 / CAM 17 (6010 / 7000)	SOIL	WATER	GROUND WATER	WASTEWATER	TAT	Container(s) #	Container(s) Type	PRESERVATION	REMARKS
DR	1108809-195	G476-1.5	12-22-11	1250					X					X				E	1	varies		
DS	196	-2.5																				
DT	197	G477-0		1255																		
DU	198	-0.5																				
DV	199	-1.5																				
DW	200	-2.5																				
DX	201	G478-0		0920																		
DY	202	-0.5																				
DZ	203	-1.5																				
EA	204	-2.5																				

• TAT starts 8 a.m. following day if samples received after 3 p.m.

TAT: A= Overnight ≤ 24 hr; B= Emergency Next workday; C= Critical 2 Workdays; D= Urgent 3 Workdays; E= Routine 7 Workdays

Preservatives: H=HCl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

DISTRIBUTION: White with report Yellow to folder Pink to submitter

CHAIN OF CUSTODY RECORD

Advanced Technology Laboratories
3275 Walnut Avenue
Signal Hill, CA 90755
(562) 989-4045 • Fax (562) 989-4040

FOR LABORATORY USE ONLY:

P.O.#: _____

Logged By: _____ Date: _____

Method of Transport: Client ☐ ATL ☐ CA OverN ☐ FEDEX ☐ Other: _____

Sample Condition Upon Receipt: 1. CHILLED Y☐ N☐ 2. HEADSPACE (VOA) Y☐ N☐ 3. CONTAINER INTACT Y☐ N☐ 4. SEALED Y☐ N☐ 5. # OF SPLS MATCH COC Y☐ N☐ 6. PRESERVED Y☐ N☐

Client: GEOCON CONSULTANTS, INC.
Attn: L. BEADLE
Address: 6671 Brisa Street
City: Livermore State: CA Zip Code: 94550
TEL: (925) 371-5900
FAX: (925) 371-5915

Project Name: TO-16 Project #: E8560-06-16 Sampler: (Printed Name) C. Merritt (Signature) L. Beadle

Relinquished by: (Signature and Printed Name) L. Beadle L. Beadle Date: 12-23-11 Time: Received by: (Signature and Printed Name) Co SO Date: Time:
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Mags Date: 12/24/11 Time: 840
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:

I hereby authorize ATL to perform the work indicated below:
Project Mgr / Submitter: D. WATTS
Print Name Date
Signature

Send Report To: Attn: _____ Co: SAME AS ABOVE Address _____ City _____ State _____ Zip _____

Bill To: Attn: _____ Co: SAME AS ABOVE Address _____ City _____ State _____ Zip _____

Special Instructions/Comments: See comment, p.1

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SPECIFY APPROPRIATE MATRIX: SOIL, WATER, GROUND WATER, WASTEWATER

QA/QC: RTNE ☐ CT ☒ SWRCB ☐ Logcode ____ OTHER ____

ITEM	LAB USE ONLY: Batch #: / Lab No.	Sample Description: Sample I.D. / Location	Date	Time	8081A (Pesticides)	8082 (PCB)	8260B (Volatiles)	8270C (BNA)	6010B (Total Metal) Lead	8015B (GRO) / BTEX	8015B (DRO)	8021 (BTEX)	TITLE 22 / CAM 17 (6010 / 7000)	SOIL	WATER	GROUND WATER	WASTEWATER	TAT	Container(s) #	Container(s) Type	PRESERVATION	REMARKS
EB	1108209 - 205	G479-0	12-22-11	1300					X					X				E	1	Various		
EC	206	-0.5																				
ED	207	-1.5																				
EE	208	-2.5																				
EF	209	G480-0		1305																		
EG	210	-0.5																				
EH	211	-1.5																				
EI	212	-2.5																				
EJ	213	G481-0		0925																		
EK	214	-0.5																				

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TAT: A= Overnight ≤ 24 hr B= Emergency Next workday C= Critical 2 Workdays D= Urgent 3 Workdays E= Routine 7 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=Hcl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

DISTRIBUTION: White with report Yellow to folder Pink to submitter

CHAIN OF CUSTODY RECORD

Advanced Technology Laboratories
3275 Walnut Avenue
Signal Hill, CA 90755
(562) 989-4045 • Fax (562) 989-4040

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P.O.#: _____

Logged By: _____ Date: _____

Method of Transport: Client ☐ ATL ☐ CA OverN ☐ FEDEX ☐ Other: _____

Sample Condition Upon Receipt: 1. CHILLED Y☐ N☐ 2. HEADSPACE (VOA) Y☐ N☐ 3. CONTAINER INTACT Y☐ N☐ 4. SEALED Y☐ N☐ 5. # OF SPLS MATCH COC Y☐ N☐ 6. PRESERVED Y☐ N☐

Client: GEOCON CONSULTANTS, INC.
Attn: L. BEADLE
Address: 6671 Brisa Street
City: Livermore State: CA Zip Code: 94550
TEL: (925) 371-5900
FAX: (925) 371-5915

Project Name: TO-16 Project #: E8560-06-16 Sampler: (Printed Name) C. Merritt / L. Beadle (Signature) L. Beadle

Relinquished by: (Signature and Printed Name) L. Beadle L. Beadle Date: 12-23-11 Time: Received by: (Signature and Printed Name) GSO Date: Time:

Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: 12/23/11 Time: 840

Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:

I hereby authorize ATL to perform the work indicated below:
Project Mgr / Submitter: D. WATTS
Print Name Date
Signature

Send Report To: Attn: _____ Co: SAME AS ABOVE Address _____ City _____ State _____ Zip _____

Bill To: Attn: _____ Co: SAME AS ABOVE Address _____ City _____ State _____ Zip _____

Special Instructions/Comments: See comment, p.1

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SPECIFY APPROPRIATE MATRIX: SOIL, WATER, GROUND WATER, WASTEWATER

QA/QC: RTNE ☐ CT ☒ SWRCB ☐ Logcode _____ OTHER _____

ITEM	LAB USE ONLY: Batch #: / Lab No.	Sample Description: Sample I.D. / Location	Date	Time	8081A	8082	8260B	8270C	6010B Lead	8015B (GRO) / BTEX	8015B (DRO)	8021 (BTEX)	TITLE 22 / CAM 17 (6010 / 7000)	SOIL	WATER	GROUND WATER	WASTEWATER	TAT	Container(s) #	Container(s) Type	PRESERVATION	REMARKS
EL	1108809-215	G481-1.5	12-22-11	0925					X					X				E	1	varies		
EM	216	-2.5	↓	↓																		
EN	217	G482-0		1310																		
EO	218	-0.5																				
EP	219	-1.5																				
EQ	220	-2.5																				
ER	221	G483-0		1315																		
ES	222	-0.5																				
ET	223	-1.5																				
EU	224	-2.5																				

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Preservatives: H=Hcl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

DISTRIBUTION: White with report Yellow to folder Pink to submitter

CHAIN OF CUSTODY RECORD

Advanced Technology Laboratories
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Signal Hill, CA 90755
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FOR LABORATORY USE ONLY:

P.O.#: _____
Logged By: _____ Date: _____

Method of Transport: Client ☐ ATL ☐ CA OverN ☐ FEDEX ☐ Other: _____

Sample Condition Upon Receipt: 1. CHILLED Y☐ N☐ 2. HEADSPACE (VOA) Y☐ N☐ 3. CONTAINER INTACT Y☐ N☐ 4. SEALED Y☐ N☐ 5. # OF SPLS MATCH COC Y☐ N☐ 6. PRESERVED Y☐ N☐

Client: GEOCON CONSULTANTS, INC.
Attn: L. BEADLE
Address: 6671 Brisa Street
City: Livermore State: CA Zip Code: 94550
TEL: (925) 371-5900
FAX: (925) 371-5915

Project Name: TO-16
Project #: E8560-06-16
Sampler: (Printed Name) C. Merritt / L. Beadle (Signature) L. Beadle

Relinquished by: (Signature and Printed Name)	Date	Time	Received by: (Signature and Printed Name)	Date	Time
L. Beadle L. Beadle	12-23-11		GSO		
			Mergy	12/24/11	840

I hereby authorize ATL to perform the work indicated below:
Project Mgr / Submitter: D. WATTS
Print Name Date
Signature

Send Report To: Attn: _____ Co: SAME AS ABOVE Address _____ City _____ State _____ Zip _____

Bill To: Attn: _____ Co: SAME AS ABOVE Address _____ City _____ State _____ Zip _____

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SPECIFY APPROPRIATE MATRIX: SOIL, WATER, GROUND WATER, WASTEWATER

QA/QC: RTNE ☐ CT ☒ SWRCB ☐ Logcode _____ OTHER _____

ITEM	LAB USE ONLY: Batch #: / Lab No.	Sample Description: Sample I.D. / Location	Date	Time	8081A (Pesticides)	8082 (PCB)	8260B (Volatiles)	8270C (BNA)	6010B (Total Metal) Lead	8015B (GRO) / BTEX	8015B (DRO)	8021 (BTEX)	TITLE 22 / CAM 17 (6010 / 7000)	SOIL	WATER	GROUND WATER	WASTEWATER	TAT	Container(s) #	Container(s) Type	PRESERVATION	REMARKS
GV	1100809 - 225	G484-0	12-23-11	0940					X					X				E	1	various		
GW	226	-0.5																				
GX	227	-1.5																				
GY	228	-2.5																				
EZ	229	G485-0		1320																		
FA	230	-0.5																				
FB	231	-1.5																				
FC	232	-2.5																				
FD	233	G486-0		1325																		
FE	234	-0.5																				

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Advanced Technology Laboratories
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Signal Hill, CA 90755
(562) 989-4045 • Fax (562) 989-4040

FOR LABORATORY USE ONLY:

P.O.#: _____
Logged By: _____ Date: _____

Method of Transport: Client ☐ ATL ☐ CA OverN ☐ FEDEX ☐ Other: _____

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Client: GEOCON CONSULTANTS, INC.
Attn: L. BEADLE
Address: 6671 Brisa Street
City: Livermore State: CA Zip Code: 94550
TEL: (925) 371-5900
FAX: (925) 371-5915

Project Name: TO-16 Project #: E8560-06-16 Sampler: (Printed Name) C. Merritt / L. Beadle (Signature) L. Beadle

Relinquished by: (Signature and Printed Name) L. Beadle L Beadle Date: 12-23-11 Time: Received by: (Signature and Printed Name) GSO Date: Time:
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Marg Date: 12/24/11 Time: 840
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:

I hereby authorize ATL to perform the work indicated below:
Project Mgr / Submitter:
D. WATTS
Print Name Date
Signature

Send Report To: Attn: _____ Co: SAME AS ABOVE Address _____ City _____ State _____ Zip _____

Bill To: Attn: _____ Co: SAME AS ABOVE Address _____ City _____ State _____ Zip _____

Special Instructions/Comments: See comment p. 1

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SPECIFY APPROPRIATE MATRIX: SOIL, WATER, GROUND WATER, WASTEWATER

QA/QC: RTNE ☐ CT ☒ SWRCB ☐ Logcode _____ OTHER _____

ITEM	LAB USE ONLY: Batch #: 1100509 / Lab No.	Sample Description: Sample I.D. / Location	Date	Time	8270C (BNA)	SOIL	TAT	Container(s) #	Container(s) Type	PRESERVATION	REMARKS
FF	235	G486-1.5	12-22-11	1325	X	X	E	1	voa		
FG	236	-2.5									
FH	237	G487-0		0945							
FI	238	-0.5									
FJ	239	-1.5									
FK	240	-2.5									
FL	241	G488-0		1330							
FM	242	-0.5									
FN	243	-1.5									
FO	244	-2.5									

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TAT: A= Overnight ≤ 24 hr B= Emergency Next workday C= Critical 2 Workdays D= Urgent 3 Workdays E= Routine 7 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=Hcl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

DISTRIBUTION: White with report Yellow to folder Pink to submitter

CHAIN OF CUSTODY RECORD

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Signal Hill, CA 90755
(562) 989-4045 • Fax (562) 989-4040

FOR LABORATORY USE ONLY:

P.O.#: _____
Logged By: _____ Date: _____

Method of Transport: Client ☐ ATL ☐ CA OverN ☐ FEDEX ☐ Other: _____

Sample Condition Upon Receipt: 1. CHILLED Y☐ N☐ 2. HEADSPACE (VOA) Y☐ N☐ 3. CONTAINER INTACT Y☐ N☐ 4. SEALED Y☐ N☐ 5. # OF SPLS MATCH COC Y☐ N☐ 6. PRESERVED Y☐ N☐

Client: GEOCON CONSULTANTS, INC.
Attn: L. BEADLE
Address: 6671 Brisa Street
City: Livermore State: CA Zip Code: 94550
TEL: (925) 371-5900
FAX: (925) 371-5915

Project Name: TO-16
Project #: E8560-06-16
Sampler: (Printed Name) C. Merritt / L. Beadle (Signature) L. Beadle

Relinquished by: (Signature and Printed Name)	Date:	Time:	Received by: (Signature and Printed Name)	Date:	Time:
L. Beadle / L. Beadle	12-23-11		GSO		
Relinquished by: (Signature and Printed Name)	Date:	Time:	Received by: (Signature and Printed Name)	Date: 12/24/11	Time: 840
			Marty		
Relinquished by: (Signature and Printed Name)	Date:	Time:	Received by: (Signature and Printed Name)	Date:	Time:

I hereby authorize ATL to perform the work indicated below:
Project Mgr/Submitter: D. WATTS
Print Name _____ Date _____
Signature: Will L

Send Report To:
Attn: _____
Co: SAME AS ABOVE
Address _____
City _____ State _____ Zip _____

Bill To:
Attn: _____
Co: SAME AS ABOVE
Address _____
City _____ State _____ Zip _____

Special Instructions/Comments:
See comment, p. 1

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Circle or Add Analysis(es) Requested

QA/QC: RTNE ☐ CT ☒ SWRCB ☐ Logcode ____ OTHER ____

ITEM	LAB USE ONLY: Batch #: / Lab No.	Sample Description: Sample I.D. / Location	Date	Time	8081A (Pesticides)	8082 (PCB)	8260B (Volatiles)	8270C (BNA)	6010B (Total Metal) Lead	8015B (GRO) / BTEX	8015B (DRO)	8021 (BTEX)	TITLE 22 / CAM 17 (6010 / 7000)	SOIL	WATER	GROUND WATER	WASTEWATER	TAT	Container(s) #	Container(s) Type	PRESERVATION	REMARKS
FP	1100 5809-245	G489-0	12-22-11	1335					X					X				E	1	Various		
FQ	246	-0.5																				
FR	247	-1.5																				
FS	248	-2.5																				
FT	249	G490-0		0950																		
FU	250	-0.5																				
FV	251	-1.5																				
FW	252	-2.5																				
FX	253	G491-0		1340																		
FY	254	-0.5																				

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DISTRIBUTION: White with report Yellow to folder Pink to submitter

CHAIN OF CUSTODY RECORD

Advanced Technology Laboratories
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Signal Hill, CA 90755
(562) 989-4045 • Fax (562) 989-4040

FOR LABORATORY USE ONLY:

P.O.#: _____

Logged By: _____ Date: _____

Method of Transport: Client ☐ ATL ☐ CA OverN ☐ FEDEX ☐ Other: _____

Sample Condition Upon Receipt:
1. CHILLED Y☐ N☐ 4. SEALED Y☐ N☐
2. HEADSPACE (VOA) Y☐ N☐ 5. # OF SPLS MATCH COC Y☐ N☐
3. CONTAINER INTACT Y☐ N☐ 6. PRESERVED Y☐ N☐

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Attn: L. BEADLE
Address: 6671 Brisa Street
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TEL: (925) 371-5900
FAX: (925) 371-5915

Project Name: TO-16 Project #: E8560-06-16 Sampler: (Printed Name) C. Merritt / L. Beadle (Signature) L. Beadle

Relinquished by: (Signature and Printed Name) L. Beadle L Beadle Date: 12-23-11 Time: Received by: (Signature and Printed Name) GSD Date: Time:
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Mary Date: 12/29/11 Time: 540
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:

I hereby authorize ATL to perform the work indicated below:
Project Mgr / Submitter: D. WATTS
Print Name Date
Signature: WATTS

Send Report To: Attn: _____ Co: SAME AS ABOVE Address _____ City _____ State _____ Zip _____

Bill To: Attn: _____ Co: SAME AS ABOVE Address _____ City _____ State _____ Zip _____

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SPECIFY APPROPRIATE MATRIX: SOIL, WATER, GROUND WATER, WASTEWATER

QA/QC: RTNE ☐ CT ☒ SWRCB ☐ Logcode _____ OTHER _____

ITEM	LAB USE ONLY: Batch #: / Lab No.	Sample Description: Sample I.D. / Location	Date	Time	8270C (BNA)	SOIL	TAT	Container(s) #	Container(s) Type	PRESERVATION	REMARKS
F2	1108805-255	G491 = 1.5	12-21-11	1340	X	G	E	1	Canisters		
G4	256	-2.5									
G0	257	G492 - 0		0955							
G0	258	-0.5									
G0	259	-1.5									
G0	260	-2.5									
G0	261	G493 -0		1345							
G0	262	-0.5									
4	263	-1.5									
1	264	-2.5									

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P.O.#: _____

Logged By: _____ Date: _____

Method of Transport: Client ☐ ATL ☐ CA OverN ☐ FEDEX ☐ Other: _____

Sample Condition Upon Receipt: 1. CHILLED Y☐ N☐ 2. HEADSPACE (VOA) Y☐ N☐ 3. CONTAINER INTACT Y☐ N☐ 4. SEALED Y☐ N☐ 5. # OF SPLS MATCH COC Y☐ N☐ 6. PRESERVED Y☐ N☐

Client: GEOCON CONSULTANTS, INC.
Attn: L. BEADLE
Address: 6671 Brisa Street
City: Livermore State: CA Zip Code: 94550
TEL: (925) 371-5900
FAX: (925) 371-5915

Project Name: TO-16 Project #: E8560-06-16 Sampler: (Printed Name) C. Merritt / L. Beadle (Signature) L. Beadle

Relinquished by: (Signature and Printed Name) L. Beadle L. Beadle Date: 12-23-11 Time: Received by: (Signature and Printed Name) Date: Time:

Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Mary Date: 12/24/11 Time: 840

Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:

I hereby authorize ATL to perform the work indicated below:
Project Mgr (Submitter): D. WATTS
Print Name Date
Signature

Send Report To: Attn: _____ Co: SAME AS ABOVE Address _____ City _____ State _____ Zip _____

Bill To: Attn: _____ Co: SAME AS ABOVE Address _____ City _____ State _____ Zip _____

Special Instructions/Comments: See comment, p. 1

Sample/Records - Archival & Disposal
Unless otherwise requested by client, all samples will be disposed 45 days after receipt and records will be disposed 1 year after submittal of final report.

Storage Fees (applies when storage is requested):
- Sample : $2.00 / sample / mo (after 45 days)
- Records : $1.00 / ATL workorder / mo (after 1 year)

Circle or Add Analysis(es) Requested: 8081A (Pesticides), 8082 (PCB), 8260B (Volatiles), 8270C (BNA), 6010B (Total Metal) Lead, 8015B (GRO) / BTEX, 8015B (DRO), 8021 (BTEX), TITLE 22 / CAM 17 (6010 / 7000)

SPECIFY APPROPRIATE MATRIX: SOIL, WATER, GROUND WATER, WASTEWATER

QA/QC: RTNE ☐ CT ☒ SWRCB ☐ Logcode _____ OTHER _____

ITEM	LAB USE ONLY: Batch #: / Lab No.	Sample Description: Sample I.D. / Location	Date	Time	8081A (Pesticides)	8082 (PCB)	8260B (Volatiles)	8270C (BNA)	6010B (Total Metal) Lead	8015B (GRO) / BTEX	8015B (DRO)	8021 (BTEX)	TITLE 22 / CAM 17 (6010 / 7000)	SOIL	WATER	GROUND WATER	WASTEWATER	TAT	Container(s) #	Container(s) Type	PRESERVATION	REMARKS
GJ	1100809-265	G494-0	12-22-11	1000					X					X				E	1	vapor		
GK	266	-0.5																				
GL	267	-1.5																				
GM	268	-2.5																				
GN	269	G495-0		1350																		
GO	270	-0.5																				
GP	271	-1.5																				
GQ	272	-2.5																				
GR	273	G496-0		1010																		
GS	274	-0.5																				

• TAT starts 8 a.m. following day if samples received after 3 p.m.

TAT: A= Overnight ≤ 24 hr B= Emergency Next workday C= Critical 2 Workdays D= Urgent 3 Workdays E= Routine 7 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=Hcl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

DISTRIBUTION: White with report Yellow to folder Pink to submitter

CHAIN OF CUSTODY RECORD

Advanced Technology Laboratories
3275 Walnut Avenue
Signal Hill, CA 90755
(562) 989-4045 • Fax (562) 989-4040

FOR LABORATORY USE ONLY:

P.O.#: _____
Logged By: _____ Date: _____

Method of Transport: Client ☐ ATL ☐ CA OverN ☐ FEDEX ☐ Other: _____

Sample Condition Upon Receipt: 1. CHILLED Y☐ N☐ 2. HEADSPACE (VOA) Y☐ N☐ 3. CONTAINER INTACT Y☐ N☐ 4. SEALED Y☐ N☐ 5. # OF SPLS MATCH COC Y☐ N☐ 6. PRESERVED Y☐ N☐

Client: GEOCON CONSULTANTS, INC.
Attn: L. BEADLE
Address: 6671 Brisa Street
City: Livermore State: CA Zip Code: 94550
TEL: (925) 371-5900
FAX: (925) 371-5915

Project Name: Fo-16 Project #: E8560-06-16 Sampler: (Printed Name) C. Merritt / L. Beadle (Signature) L. Beadle

Relinquished by: (Signature and Printed Name) L. Beadle L. Beadle Date: 12-23-11 Time: Received by: (Signature and Printed Name) GSO Date: Time:
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: 12/24/11 Time: 940
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:

I hereby authorize ATL to perform the work indicated below:
Project Mgr / Submitter: D. WATTS
Print Name Date
Signature

Send Report To: Attn: _____ Co: SAME AS ABOVE Address _____ City _____ State _____ Zip _____

Bill To: Attn: _____ Co: SAME AS ABOVE Address _____ City _____ State _____ Zip _____

Special Instructions/Comments: See comment, p. 1

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SPECIFY APPROPRIATE MATRIX: SOIL, WATER, GROUND WATER, WASTEWATER

QA/QC: RTNE ☐ CT ☒ SWRCB ☐ Logcode _____ OTHER _____

ITEM	LAB USE ONLY: Batch #: / Lab No.	Sample Description: Sample I.D. / Location	Date	Time	8081A (Pesticides)	8082 (PCB)	8260B (Volatiles)	8270C (BNA)	6010B (Total Metal) Lead	8015B (GRO) / BTEX	8015B (DRO)	8021 (BTEX)	TITLE 22 / CAM 17 (6010 / 7000)	SOIL	WATER	GROUND WATER	WASTEWATER	TAT	Container(s) #	Container(s) Type	PRESERVATION	REMARKS
6T	1100609 ~ 275	G496-1.5	12-22-11	1010					X					X				E	1	Wet only		
6U	276	-2.5																				
6V	277	G497-0		1415																		
6W	278	-0.5																				
6X	279	-1.5																				
6Y	280	-2.5																				
6Z	281	G498-0		1015																		
4A	282	-0.5																				
4B	283	-1.5																				
4C	284	-2.5																				

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TAT: A= Overnight ≤ 24 hr B= Emergency Next workday C= Critical 2 Workdays D= Urgent 3 Workdays E= Routine 7 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=HCl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

DISTRIBUTION: White with report Yellow to folder Pink to submitter

CHAIN OF CUSTODY RECORD

Advanced Technology Laboratories
3275 Walnut Avenue
Signal Hill, CA 90755
(562) 989-4045 • Fax (562) 989-4040

FOR LABORATORY USE ONLY:

P.O.#: _____

Logged By: _____ Date: _____

Method of Transport: Client ☐ ATL ☐ CA OverN ☐ FEDEX ☐ Other: _____

Sample Condition Upon Receipt:
1. CHILLED Y☐ N☐ 4. SEALED Y☐ N☐
2. HEADSPACE (VOA) Y☐ N☐ 5. # OF SPLS MATCH COC Y☐ N☐
3. CONTAINER INTACT Y☐ N☐ 6. PRESERVED Y☐ N☐

Client: GEOCON CONSULTANTS, INC.
Attn: L. BEADLE
Address: 6671 Brisa Street
City: Livermore State: CA Zip Code: 94550
TEL: (925) 371-5900
FAX: (925) 371-5915

Project Name: TO-16 Project #: E8560-06-16 Sampler: (Printed Name) C. Merritt / L. Beadle (Signature) L. Beadle

Relinquished by: (Signature and Printed Name)	Date:	Time:	Received by: (Signature and Printed Name)	Date:	Time:
L. Beadle	12-22-11		GSO		
			Mazzi	12/24/11	840

I hereby authorize ATL to perform the work indicated below:
Project Mgr / Submitter: D. WATTS
Print Name _____ Date _____
Signature: Will L

Send Report To: Attn: _____ Co: SAME AS ABOVE Address _____ City _____ State _____ Zip _____

Bill To: Attn: _____ Co: SAME AS ABOVE Address _____ City _____ State _____ Zip _____

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SPECIFY APPROPRIATE MATRIX: SOIL, WATER, GROUND WATER, WASTEWATER

QA/QC: RTNE ☐ CT ☒ SWRCB ☐ Logcode _____ OTHER _____

ITEM	LAB USE ONLY: Batch #: / Lab No.	Sample Description: Sample I.D. / Location	Date	Time	8081A	8082	8260B	8270C	6010B (Lead)	8015B (GRO)/BTEX	8015B (DRO)	8021 (BTEX)	TITLE 22 / CAM 17	SOIL	WATER	GROUND WATER	WASTEWATER	TAT	Container(s) #	Container(s) Type	PRESERVATION	REMARKS
4D	1100809-285	G499-0	12-22-11	1120					X					X				E	1	canister		
4G	286	-0.5																				
4F	287	-1.5																				
4G	288	-2.5																				
4A	289	G500-0		1020																		
4I	290	-0.5																				
4J	291	-1.5																				
4K	292	-2.5																				
4L	293	G502-0		1030																		
4M	294	-0.5																				

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Preservatives: H=Hcl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

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Method of Transport: Client ☐ ATL ☐ CA OverN ☐ FEDEX ☐ Other: _____

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1. CHILLED Y☐ N☐ 4. SEALED Y☐ N☐
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Attn: L. BEADLE
Address: 6671 Brisa Street
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TEL: (925) 371-5900
FAX: (925) 371-5915

Project Name: TO-16 Project #: E8560-06-16 Sampler: (Printed Name) C. Merritt / L. Beadle (Signature) L. Beadle

Relinquished by: (Signature and Printed Name) L. Beadle / L. Beadle Date: 12-23-11 Time: Received by: (Signature and Printed Name) GSO Date: Time:
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Marg Date: 12/24/11 Time: 840
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Print Name Date
Signature

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ITEM	LAB USE ONLY: Batch #: / Lab No.	Sample Description: Sample I.D. / Location	Date	Time	8081A	8082	8260B	8270C	6010B (Lead)	8015B (GRO) / BTEX	8015B (DRO)	8021 (BTEX)	TITLE 22 / CAM 17	SOIL	WATER	GROUND WATER	WASTEWATER	TAT	Container(s) #	Container(s) Type	PRESERVATION	REMARKS
HN	1100 809 - 295	G505 -1.5	12-22-11	1030					X					X				E	C	Vacuum		
HO	296	-2.5																				
HP	297	G504 -0		1035																		
HQ	298	-0.5																				
HR	299	-1.5																				
HS	300	-2.5																				
HT	301	G506 -0		1040																		
HU	302	-0.5																				
HV	303	-1.5																				
HW	304	-2.5																				

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Client: GEOCON CONSULTANTS, INC.
Attn: L. BEADLE
Address: 6671 Brisa Street
City: Livermore State: CA Zip Code: 94550
TEL: (925) 371-5900
FAX: (925) 371-5915

Project Name: TO-06
Project #: E8560-06-16
Sampler: (Printed Name) C. Merritt / L. Beadle (Signature) L. Beadle

Relinquished by: (Signature and Printed Name) L. Beadle	Date: 12-23-11	Time:	Received by: (Signature and Printed Name) GSO	Date:	Time:
Relinquished by: (Signature and Printed Name)	Date:	Time:	Received by: (Signature and Printed Name) Marco	Date: 12/24/11	Time: 840
Relinquished by: (Signature and Printed Name)	Date:	Time:	Received by: (Signature and Printed Name)	Date:	Time:

I hereby authorize ATL to perform the work indicated below:
Project Mgr / Submitter: D. WATTS
Print Name _____ Date _____
Signature: [signature]

Send Report To:
Attn: _____
Co: SAME AS ABOVE
Address _____
City _____ State _____ Zip _____

Bill To:
Attn: _____
Co: SAME AS ABOVE
Address _____
City _____ State _____ Zip _____

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Circle or Add Analysis(es) Requested

QA/QC: RTNE ☐ CT ☒ SWRCB ☐ Logcode _____ OTHER _____

ITEM	LAB USE ONLY: Batch #: / Lab No.	Sample Description: Sample I.D. / Location	Date	Time	8081A (Pesticides)	8082 (PCB)	8260B (Volatiles)	8270C (BNA)	6010B (Total Metal) Lead	8015B (GRO) / BTEX	8015B (DRO)	8021 (BTEX)	TITLE 22 / CAM 17 (6010 / 7000)	SOIL	WATER	GROUND WATER	WASTEWATER	TAT	Container(s) #	Container(s) Type	PRESERVATION	REMARKS
41	1108809-305	G508-0	12-22-11	1045					X					X				E	1	Vapor		
41	306	-0.5																				
42	307	-1.5																				
43	308	-2.5																				

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DISTRIBUTION: White with report Yellow to folder Pink to submitter

ADVANCED TECHNOLOGY LABORATORIES

January 10, 2012

ELAP No.: 1838
NELAP No.: 02107CA
CSDLAC No.: 10196
ORELAP No.: CA300003

Luann Beadle
Geocon Consultants, Inc.
6671 Brisa Street
Livermore, CA 94550
Tel: (925) 371-5900
Fax:(925) 371-5915

Re: ATL Work Order Number : 1100809
Client Reference : TO-16, E8560-06-16

Enclosed are the results for sample(s) received on December 24, 2011 by Advanced Technology Laboratories. The sample(s) are tested for the parameters as indicated on the enclosed chain of custody in accordance with applicable laboratory certifications. The laboratory results contained in this report specifically pertains to the sample(s) submitted.

Thank you for the opportunity to serve the needs of your company. If you have any questions, please feel free to contact me or your Project Manager.

Sincerely,

Eddie Rodriguez
Laboratory Director

The cover letter and the case narrative are an integral part of this analytical report and its absence renders the report invalid. The report cannot be reproduced without written permission from the client and Advanced Technology Laboratories.

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www.atlglobal.com

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/10/2012

SUMMARY OF SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
G372-0	1100809-AB	Soil	12/22/11 13:06	12/24/11 8:40
G373-0	1100809-AF	Soil	12/22/11 13:15	12/24/11 8:40
G373-0.5	1100809-AG	Soil	12/22/11 13:16	12/24/11 8:40
G374-0.5	1100809-AK	Soil	12/22/11 13:25	12/24/11 8:40
G375-0.5	1100809-AO	Soil	12/22/11 13:30	12/24/11 8:40
G376-0	1100809-AR	Soil	12/22/11 13:36	12/24/11 8:40
G376-0.5	1100809-AS	Soil	12/22/11 13:37	12/24/11 8:40
G378-0	1100809-AZ	Soil	12/22/11 13:51	12/24/11 8:40
G378-0.5	1100809-BA	Soil	12/22/11 13:52	12/24/11 8:40
G379-0.5	1100809-BE	Soil	12/22/11 13:59	12/24/11 8:40
G380-0.5	1100809-BI	Soil	12/22/11 14:06	12/24/11 8:40
G380-1.5	1100809-BJ	Soil	12/22/11 14:07	12/24/11 8:40
G382-0	1100809-BP	Soil	12/22/11 14:22	12/24/11 8:40
G418-0	1100809-BT	Soil	12/22/11 10:55	12/24/11 8:40
G420-0	1100809-BX	Soil	12/22/11 11:00	12/24/11 8:40
G420-0.5	1100809-BY	Soil	12/22/11 11:00	12/24/11 8:40
G420-1.5	1100809-BZ	Soil	12/22/11 11:00	12/24/11 8:40
G422-0	1100809-CB	Soil	12/22/11 11:15	12/24/11 8:40
G422-0.5	1100809-CC	Soil	12/22/11 11:15	12/24/11 8:40
G424-0.5	1100809-CE	Soil	12/22/11 11:25	12/24/11 8:40
G424-2.5	1100809-CG	Soil	12/22/11 11:25	12/24/11 8:40
G426-0	1100809-CH	Soil	12/22/11 11:30	12/24/11 8:40
G426-0.5	1100809-CI	Soil	12/22/11 11:30	12/24/11 8:40
G426-1.5	1100809-CJ	Soil	12/22/11 11:30	12/24/11 8:40
G427-0	1100809-CL	Soil	12/22/11 11:35	12/24/11 8:40
G469-0	1100809-CN	Soil	12/22/11 12:10	12/24/11 8:40
G471-0	1100809-CV	Soil	12/22/11 12:20	12/24/11 8:40
G473-0	1100809-DD	Soil	12/22/11 12:40	12/24/11 8:40
G473-0.5	1100809-DE	Soil	12/22/11 12:40	12/24/11 8:40
G474-0	1100809-DH	Soil	12/22/11 12:45	12/24/11 8:40
G476-0	1100809-DP	Soil	12/22/11 12:50	12/24/11 8:40
G476-2.5	1100809-DS	Soil	12/22/11 12:50	12/24/11 8:40
G477-1.5	1100809-DV	Soil	12/22/11 12:55	12/24/11 8:40
G478-2.5	1100809-EA	Soil	12/22/11 9:20	12/24/11 8:40
G479-0	1100809-EB	Soil	12/22/11 13:00	12/24/11 8:40

Geocon Consultants, Inc.	Project Number :	TO-16, E8560-06-16
6671 Brisa Street	Report To :	Luann Beadle
Livermore , CA 94550	Reported :	01/10/2012

G479-0.5	1100809-EC	Soil	12/22/11 13:00	12/24/11 8:40
G481-0	1100809-EJ	Soil	12/22/11 9:25	12/24/11 8:40
G481-2.5	1100809-EM	Soil	12/22/11 9:25	12/24/11 8:40
G482-1.5	1100809-EP	Soil	12/22/11 13:10	12/24/11 8:40
G483-2.5	1100809-EU	Soil	12/22/11 13:15	12/24/11 8:40
G484-0	1100809-EV	Soil	12/22/11 9:40	12/24/11 8:40
G484-0.5	1100809-EW	Soil	12/22/11 9:40	12/24/11 8:40
G486-2.5	1100809-FG	Soil	12/22/11 13:25	12/24/11 8:40
G487-1.5	1100809-FJ	Soil	12/22/11 9:45	12/24/11 8:40
G489-0	1100809-FP	Soil	12/22/11 13:35	12/24/11 8:40
G489-0.5	1100809-FQ	Soil	12/22/11 13:35	12/24/11 8:40
G489-1.5	1100809-FR	Soil	12/22/11 13:35	12/24/11 8:40
G491-0	1100809-FX	Soil	12/22/11 13:40	12/24/11 8:40
G495-0	1100809-GN	Soil	12/22/11 13:50	12/24/11 8:40
G495-0	1100809-GN	Soil	12/22/11 13:50	12/24/11 8:40
G508-0.5	1100809-HY	Soil	12/22/11 10:45	12/24/11 8:40

Geocon Consultants, Inc.	Project Number : TO-16, E8560-06-16
6671 Brisa Street	Report To : Luann Beadle
Livermore , CA 94550	Reported : 01/10/2012

STLC Lead by AA (Direct Aspiration) by EPA 7420

Analyte: Lead **Analyst: SB**

Laboratory ID	Client Sample ID	Result	Units	PQL	MDL	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1100809-AB	G372-0	**2.0**	mg/L	0.50	NA	1	B2A0190	01/06/2012	01/09/12 09:27	
1100809-AF	G373-0	**4.3**	mg/L	0.50	NA	1	B2A0190	01/06/2012	01/09/12 09:27	
1100809-AG	G373-0.5	**3.8**	mg/L	0.50	NA	1	B2A0190	01/06/2012	01/09/12 09:28	
1100809-AK	G374-0.5	**4.5**	mg/L	0.50	NA	1	B2A0190	01/06/2012	01/09/12 09:28	
1100809-AO	G375-0.5	**1.8**	mg/L	0.50	NA	1	B2A0190	01/06/2012	01/09/12 09:29	
1100809-AR	G376-0	**7.9**	mg/L	0.50	NA	1	B2A0190	01/06/2012	01/09/12 09:29	
1100809-AS	G376-0.5	**6.5**	mg/L	0.50	NA	1	B2A0190	01/06/2012	01/09/12 09:29	
1100809-AZ	G378-0	**1.7**	mg/L	0.50	NA	1	B2A0190	01/06/2012	01/09/12 09:31	
1100809-BA	G378-0.5	**1.1**	mg/L	0.50	NA	1	B2A0190	01/06/2012	01/09/12 09:31	
1100809-BE	G379-0.5	**5.3**	mg/L	0.50	NA	1	B2A0190	01/06/2012	01/09/12 09:32	
1100809-BI	G380-0.5	**7.2**	mg/L	0.50	NA	1	B2A0190	01/06/2012	01/09/12 09:33	
1100809-BJ	G380-1.5	**4.3**	mg/L	0.50	NA	1	B2A0190	01/06/2012	01/09/12 09:34	
1100809-BP	G382-0	**4.7**	mg/L	0.50	NA	1	B2A0190	01/06/2012	01/09/12 09:34	
1100809-BT	G418-0	**15**	mg/L	1.0	NA	2	B2A0190	01/06/2012	01/09/12 09:35	
1100809-CI	G426-0.5	**0.55**	mg/L	0.50	NA	1	B2A0190	01/06/2012	01/09/12 09:38	
1100809-CL	G427-0	**0.69**	mg/L	0.50	NA	1	B2A0190	01/06/2012	01/09/12 09:39	
1100809-CN	G469-0	**3.3**	mg/L	0.50	NA	1	B2A0190	01/06/2012	01/09/12 09:39	
1100809-CV	G471-0	**3.8**	mg/L	0.50	NA	1	B2A0190	01/06/2012	01/09/12 09:40	
1100809-DD	G473-0	**3.1**	mg/L	0.50	NA	1	B2A0190	01/06/2012	01/09/12 09:40	
1100809-DE	G473-0.5	**3.3**	mg/L	0.50	NA	1	B2A0190	01/06/2012	01/09/12 09:40	
1100809-DH	G474-0	**11**	mg/L	1.0	NA	2	B2A0191	01/06/2012	01/09/12 09:46	
1100809-DP	G476-0	**4.3**	mg/L	0.50	NA	1	B2A0191	01/06/2012	01/09/12 09:47	
1100809-DS	G476-2.5	**0.79**	mg/L	0.50	NA	1	B2A0191	01/06/2012	01/09/12 09:47	
1100809-DV	G477-1.5	**0.67**	mg/L	0.50	NA	1	B2A0191	01/06/2012	01/09/12 09:48	
1100809-EA	G478-2.5	**ND**	mg/L	0.50	NA	1	B2A0191	01/06/2012	01/09/12 09:48	
1100809-EB	G479-0	**0.63**	mg/L	0.50	NA	1	B2A0191	01/06/2012	01/09/12 09:50	
1100809-EC	G479-0.5	**0.54**	mg/L	0.50	NA	1	B2A0191	01/06/2012	01/09/12 09:50	
1100809-EJ	G481-0	**ND**	mg/L	0.50	NA	1	B2A0191	01/06/2012	01/09/12 09:51	
1100809-EM	G481-2.5	**ND**	mg/L	0.50	NA	1	B2A0191	01/06/2012	01/09/12 09:51	
1100809-EP	G482-1.5	**ND**	mg/L	0.50	NA	1	B2A0191	01/06/2012	01/09/12 09:52	

Geocon Consultants, Inc.	Project Number : TO-16, E8560-06-16
6671 Brisa Street	Report To : Luann Beadle
Livermore , CA 94550	Reported : 01/10/2012

1100809-EU	G483-2.5	**ND**	mg/L	0.50	NA	1	B2A0191	01/06/2012	01/09/12 09:53
1100809-EV	G484-0	**ND**	mg/L	0.50	NA	1	B2A0191	01/06/2012	01/09/12 09:53
1100809-EW	G484-0.5	**ND**	mg/L	0.50	NA	1	B2A0191	01/06/2012	01/09/12 09:54
1100809-FG	G486-2.5	**ND**	mg/L	0.50	NA	1	B2A0191	01/06/2012	01/09/12 09:54
1100809-FJ	G487-1.5	**ND**	mg/L	0.50	NA	1	B2A0191	01/06/2012	01/09/12 09:55
1100809-FP	G489-0	**2.2**	mg/L	0.50	NA	1	B2A0191	01/06/2012	01/09/12 09:56
1100809-FQ	G489-0.5	**ND**	mg/L	0.50	NA	1	B2A0191	01/06/2012	01/09/12 09:57
1100809-FR	G489-1.5	**ND**	mg/L	0.50	NA	1	B2A0191	01/06/2012	01/09/12 09:57
1100809-FX	G491-0	**2.8**	mg/L	0.50	NA	1	B2A0191	01/06/2012	01/09/12 09:57
1100809-HY	G508-0.5	**3.9**	mg/L	0.50	NA	1	B2A0191	01/06/2012	01/09/12 09:58

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/10/2012

TCLP Lead by AA (Direct Aspiration) EPA 7420

Analyte: Lead **Analyst: CB**

Laboratory ID	Client Sample ID	Result	Units	PQL	MDL	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1100809-GN	G495-0	**ND**	mg/L	0.50	NA	1	B2A0258	01/10/2012	01/10/12 14:54	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/10/2012

Client Sample ID G420-0
Lab ID: 1100809-BX

STLC Metals by ICP-AES by EPA 6010B **Analyst: KK**

Analyte	Result (mg/L)	PQL (mg/L)	MDL (mg/L)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Chromium	ND	1.0	NA	20	B2A0205	01/06/2012	01/09/12 11:37	
Lead	**3.6**	1.0	NA	20	B2A0205	01/06/2012	01/09/12 11:37	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/10/2012

Client Sample ID G420-0.5
Lab ID: 1100809-BY

STLC Metals by ICP-AES by EPA 6010B **Analyst: KK**

Analyte	Result (mg/L)	PQL (mg/L)	MDL (mg/L)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Chromium	ND	1.0	NA	20	B2A0205	01/06/2012	01/09/12 11:40	
Lead	**12**	1.0	NA	20	B2A0205	01/06/2012	01/09/12 11:40	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/10/2012

Client Sample ID G420-1.5

Lab ID: 1100809-BZ

STLC Metals by ICP-AES by EPA 6010B **Analyst: KK**

Analyte	Result (mg/L)	PQL (mg/L)	MDL (mg/L)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Chromium	ND	1.0	NA	20	B2A0205	01/06/2012	01/09/12 11:44	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/10/2012

Client Sample ID G422-0
Lab ID: 1100809-CB

STLC Metals by ICP-AES by EPA 6010B **Analyst: KK**

Analyte	Result (mg/L)	PQL (mg/L)	MDL (mg/L)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Chromium	ND	1.0	NA	20	B2A0205	01/06/2012	01/09/12 11:47	
Lead	**37**	1.0	NA	20	B2A0205	01/06/2012	01/09/12 11:47	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/10/2012

Client Sample ID G422-0.5
Lab ID: 1100809-CC

STLC Metals by ICP-AES by EPA 6010B **Analyst: KK**

Analyte	Result (mg/L)	PQL (mg/L)	MDL (mg/L)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Chromium	ND	1.0	NA	20	B2A0205	01/06/2012	01/09/12 11:50	
Lead	**11**	1.0	NA	20	B2A0205	01/06/2012	01/09/12 11:50	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/10/2012

Client Sample ID G424-0.5

Lab ID: 1100809-CE

STLC Metals by ICP-AES by EPA 6010B **Analyst: KK**

Analyte	Result (mg/L)	PQL (mg/L)	MDL (mg/L)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Chromium	ND	1.0	NA	20	B2A0206	01/06/2012	01/09/12 11:46	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/10/2012

Client Sample ID G424-2.5
Lab ID: 1100809-CG

STLC Metals by ICP-AES by EPA 6010B **Analyst: KK**

Analyte	Result (mg/L)	PQL (mg/L)	MDL (mg/L)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Chromium	ND	1.0	NA	20	B2A0206	01/06/2012	01/09/12 11:49	
Nickel	**1.8**	1.0	NA	20	B2A0206	01/06/2012	01/09/12 11:49	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/10/2012

Client Sample ID G426-0
Lab ID: 1100809-CH

STLC Metals by ICP-AES by EPA 6010B **Analyst: KK**

Analyte	Result (mg/L)	PQL (mg/L)	MDL (mg/L)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Chromium	ND	1.0	NA	20	B2A0206	01/06/2012	01/09/12 11:55	
Lead	**3.0**	1.0	NA	20	B2A0206	01/06/2012	01/09/12 11:55	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/10/2012

Client Sample ID G426-1.5
Lab ID: 1100809-CJ

STLC Metals by ICP-AES by EPA 6010B **Analyst: KK**

Analyte	Result (mg/L)	PQL (mg/L)	MDL (mg/L)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Chromium	ND	1.0	NA	20	B2A0206	01/06/2012	01/09/12 11:57	
Nickel	**1.2**	1.0	NA	20	B2A0206	01/06/2012	01/09/12 11:57	

Geocon Consultants, Inc.	Project Number : TO-16, E8560-06-16
6671 Brisa Street	Report To : Luann Beadle
Livermore , CA 94550	Reported : 01/10/2012

QUALITY CONTROL SECTION

STLC Metals by ICP-AES by EPA 6010B - Quality Control

Analyte	Result (mg/L)	PQL (mg/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0205 - STLC Extraction									
Blank (B2A0205-BLK1)					Prepared: 1/6/2012 Analyzed: 1/9/2012				
Chromium	ND	1.0			NR				
Lead	ND	1.0			NR				
Nickel	ND	1.0			NR				
Blank (B2A0205-BLK2)					Prepared: 1/6/2012 Analyzed: 1/9/2012				
Chromium	ND	1.0			NR				
Lead	ND	1.0			NR				
Nickel	ND	1.0			NR				
LCS (B2A0205-BS1)					Prepared: 1/6/2012 Analyzed: 1/9/2012				
Chromium	1.9	0.10	2.00		93.5	85 - 115			
Lead	2.0	0.10	2.00		97.5	85 - 115			
Nickel	1.9	0.10	2.00		95.3	85 - 115			
Duplicate (B2A0205-DUP1)		**Source: 1100808-89**			Prepared: 1/6/2012 Analyzed: 1/9/2012				
Chromium	0.33	1.0		0.39	NR		18.4	20	
Lead	0.09	1.0		0.15	NR		47.5	20	R
Nickel	0.29	1.0		0.33	NR		13.3	20	
Duplicate (B2A0205-DUP2)		**Source: 1100809-CC**			Prepared: 1/6/2012 Analyzed: 1/9/2012				
Chromium	0.23	1.0		0.21	NR		10.0	20	
Lead	2.7	1.0		11	NR		124	20	R
Nickel	1.6	1.0		1.9	NR		16.9	20	
Matrix Spike (B2A0205-MS1)		**Source: 1100809-CC**			Prepared: 1/6/2012 Analyzed: 1/9/2012				
Chromium	2.6	0.10	2.50	0.21	94.9	74 - 103			
Lead	13	0.10	2.50	11	55.9	33 - 131			
Nickel	4.1	0.10	2.50	1.9	88.5	71 - 105			
Matrix Spike (B2A0205-MS2)		**Source: 1100808-89**			Prepared: 1/6/2012 Analyzed: 1/9/2012				
Chromium	2.5	0.10	2.50	0.39	85.1	74 - 103			
Lead	2.3	0.10	2.50	0.15	86.3	33 - 131			
Nickel	2.3	0.10	2.50	0.33	80.7	71 - 105			
Matrix Spike Dup (B2A0205-MSD1)		**Source: 1100809-CC**			Prepared: 1/6/2012 Analyzed: 1/9/2012				
Chromium	2.6	0.10	2.50	0.21	95.4	74 - 103	0.460	20	
Lead	13	0.10	2.50	11	60.7	33 - 131	0.931	20	
Nickel	4.1	0.10	2.50	1.9	90.0	71 - 105	0.894	20	
Matrix Spike Dup (B2A0205-MSD2)		**Source: 1100809-CC**			Prepared: 1/6/2012 Analyzed: 1/9/2012				
Chromium	2.6	0.10	2.50	0.21	95.4	74 - 103	0.460	20	
Lead	13	0.10	2.50	11	60.7	33 - 131	0.931	20	
Nickel	4.1	0.10	2.50	1.9	90.0	71 - 105	0.894	20	

Geocon Consultants, Inc.	Project Number : TO-16, E8560-06-16
6671 Brisa Street	Report To : Luann Beadle
Livermore , CA 94550	Reported : 01/10/2012

STLC Metals by ICP-AES by EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/L)	PQL (mg/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0205 - STLC Extraction (continued)									
Matrix Spike Dup (B2A0205-MSD2) - Continued		**Source: 1100809-CC**			Prepared: 1/6/2012 Analyzed: 1/9/2012				
Batch B2A0206 - STLC Extraction									
Blank (B2A0206-BLK1)					Prepared: 1/6/2012 Analyzed: 1/9/2012				
Chromium	ND	1.0			NR				
Lead	ND	1.0			NR				
Nickel	ND	1.0			NR				
Blank (B2A0206-BLK2)					Prepared: 1/6/2012 Analyzed: 1/9/2012				
Chromium	ND	1.0			NR				
Lead	ND	1.0			NR				
Nickel	ND	1.0			NR				
LCS (B2A0206-BS1)					Prepared: 1/6/2012 Analyzed: 1/9/2012				
Chromium	1.7	0.10	2.00		86.8	85 - 115			
Lead	1.9	0.10	2.00		93.2	85 - 115			
Nickel	1.9	0.10	2.00		97.2	85 - 115			
Duplicate (B2A0206-DUP1)		**Source: 1100837-43**			Prepared: 1/6/2012 Analyzed: 1/9/2012				
Chromium	0.03	1.0		0.03	NR		1.75	20	
Lead	0.05	1.0		ND	NR			20	
Nickel	0.36	1.0		0.29	NR		21.1	20	R
Duplicate (B2A0206-DUP2)		**Source: 1100837-09**			Prepared: 1/6/2012 Analyzed: 1/9/2012				
Chromium	0.07	1.0		0.06	NR		5.62	20	
Lead	1.1	1.0		0.80	NR		34.2	20	R
Nickel	0.12	1.0		0.12	NR		0.140	20	
Matrix Spike (B2A0206-MS1)		**Source: 1100837-43**			Prepared: 1/6/2012 Analyzed: 1/9/2012				
Chromium	2.4	0.10	2.50	0.03	95.0	74 - 103			
Lead	2.3	0.10	2.50	ND	90.3	33 - 131			
Nickel	2.6	0.10	2.50	0.29	92.5	71 - 105			
Matrix Spike (B2A0206-MS2)		**Source: 1100837-09**			Prepared: 1/6/2012 Analyzed: 1/9/2012				
Chromium	2.3	0.10	2.50	0.06	90.8	74 - 103			
Lead	3.1	0.10	2.50	0.80	92.5	33 - 131			
Nickel	2.5	0.10	2.50	0.12	96.2	71 - 105			
Matrix Spike Dup (B2A0206-MSD1)		**Source: 1100837-43**			Prepared: 1/6/2012 Analyzed: 1/9/2012				
Chromium	2.4	0.10	2.50	0.03	94.3	74 - 103	0.755	20	
Lead	2.2	0.10	2.50	ND	90.0	33 - 131	0.380	20	
Nickel	2.6	0.10	2.50	0.29	92.3	71 - 105	0.272	20	
Batch S2A0078 - B2A0229									

Geocon Consultants, Inc.	Project Number : TO-16, E8560-06-16
6671 Brisa Street	Report To : Luann Beadle
Livermore , CA 94550	Reported : 01/10/2012

STLC Metals by ICP-AES by EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/L)	PQL (mg/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch S2A0078 - B2A0229 (continued)									
Instrument Blank (S2A0078-IBL1)					Prepared: 1/9/2012 Analyzed: 1/9/2012				
Chromium	ND	0.05			NR				
Lead	ND	0.05			NR				
Nickel	ND	0.05			NR				
Batch S2A0081 - B2A0206									
Instrument Blank (S2A0081-IBL1)					Prepared: 1/9/2012 Analyzed: 1/9/2012				
Chromium	ND	0.05			NR				
Lead	ND	0.05			NR				
Nickel	ND	0.05			NR				

Geocon Consultants, Inc.	Project Number : TO-16, E8560-06-16
6671 Brisa Street	Report To : Luann Beadle
Livermore , CA 94550	Reported : 01/10/2012

STLC Lead by AA (Direct Aspiration) by EPA 7420 - Quality Control

Analyte	Result (mg/L)	PQL (mg/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0190 - STLC Extraction									
Blank (B2A0190-BLK1)					Prepared: 1/6/2012 Analyzed: 1/9/2012				
Lead	ND	0.50			NR				
Blank (B2A0190-BLK2)					Prepared: 1/6/2012 Analyzed: 1/9/2012				
Lead	ND	0.50			NR				
LCS (B2A0190-BS1)					Prepared: 1/6/2012 Analyzed: 1/9/2012				
Lead	5.1	0.05	5.00		102	80 - 120			
Duplicate (B2A0190-DUP1)		**Source: 1100809-BE**			Prepared: 1/6/2012 Analyzed: 1/9/2012				
Lead	4.6	0.50		5.3	NR		15.0	20	
Duplicate (B2A0190-DUP2)		**Source: 1100809-DE**			Prepared: 1/6/2012 Analyzed: 1/9/2012				
Lead	14	1.0		3.3	NR		123	20	R
Matrix Spike (B2A0190-MS1)		**Source: 1100809-BE**			Prepared: 1/6/2012 Analyzed: 1/9/2012				
Lead	11	0.10	5.00	5.3	107	80 - 120			
Matrix Spike (B2A0190-MS2)		**Source: 1100809-DE**			Prepared: 1/6/2012 Analyzed: 1/9/2012				
Lead	8.1	0.05	5.00	3.3	94.6	80 - 120			
Matrix Spike Dup (B2A0190-MSD2)		**Source: 1100809-DE**			Prepared: 1/6/2012 Analyzed: 1/9/2012				
Lead	8.2	0.05	5.00	3.3	98.1	80 - 120	2.16	20	
Batch B2A0191 - STLC Extraction									
Blank (B2A0191-BLK1)					Prepared: 1/6/2012 Analyzed: 1/9/2012				
Lead	ND	0.50			NR				
Blank (B2A0191-BLK2)					Prepared: 1/6/2012 Analyzed: 1/9/2012				
Lead	ND	0.50			NR				
LCS (B2A0191-BS1)					Prepared: 1/6/2012 Analyzed: 1/9/2012				
Lead	5.2	0.05	5.00		104	80 - 120			
Duplicate (B2A0191-DUP1)		**Source: 1100809-EP**			Prepared: 1/6/2012 Analyzed: 1/9/2012				
Lead	0.37	0.50		0.20	NR		57.9	20	R
Duplicate (B2A0191-DUP2)		**Source: 1100809-HY**			Prepared: 1/6/2012 Analyzed: 1/9/2012				
Lead	3.0	0.50		3.9	NR		27.0	20	R
Matrix Spike (B2A0191-MS1)		**Source: 1100809-EP**			Prepared: 1/6/2012 Analyzed: 1/9/2012				
Lead	5.2	0.05	5.00	0.20	100	80 - 120			
Matrix Spike (B2A0191-MS2)		**Source: 1100809-HY**			Prepared: 1/6/2012 Analyzed: 1/9/2012				
Lead	8.6	0.05	5.00	3.9	94.2	80 - 120			

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/10/2012

STLC Lead by AA (Direct Aspiration) by EPA 7420 - Quality Control (cont'd)

Analyte	Result (mg/L)	PQL (mg/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0191 - STLC Extraction (continued)									
Matrix Spike Dup (B2A0191-MSD2)		**Source: 1100809-HY**			Prepared: 1/6/2012 Analyzed: 1/9/2012				
Lead	8.4	0.05	5.00	3.9	90.4	80 - 120	2.24	20	
Batch S2A0073 - B2A0192									
Instrument Blank (S2A0073-IBL1)					Prepared: 1/9/2012 Analyzed: 1/9/2012				
Lead	ND	0.50			NR				

Geocon Consultants, Inc.	Project Number : TO-16, E8560-06-16
6671 Brisa Street	Report To : Luann Beadle
Livermore , CA 94550	Reported : 01/10/2012

TCLP Lead by AA (Direct Aspiration) EPA 7420 - Quality Control

Analyte	Result (mg/L)	PQL (mg/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0258 - EPA 3010A									
Blank (B2A0258-BLK1)					Prepared: 1/10/2012 Analyzed: 1/10/2012				
Lead	ND	0.50			NR				
Blank (B2A0258-BLK2)					Prepared: 1/10/2012 Analyzed: 1/10/2012				
Lead	ND	0.50			NR				
Blank (B2A0258-BLK3)					Prepared: 1/10/2012 Analyzed: 1/10/2012				
Lead	ND	0.50			NR				
Blank (B2A0258-BLK4)					Prepared: 1/10/2012 Analyzed: 1/10/2012				
Lead	ND	0.50			NR				
LCS (B2A0258-BS1)					Prepared: 1/10/2012 Analyzed: 1/10/2012				
Lead	1.1	0.50	1.00		112	80 - 120			
Duplicate (B2A0258-DUP1)		**Source: 1200012-57**			Prepared: 1/10/2012 Analyzed: 1/10/2012				
Lead	0.55	0.50		0.46	NR		18.2	20	
Duplicate (B2A0258-DUP2)		**Source: 1100589-29**			Prepared: 1/10/2012 Analyzed: 1/10/2012				
Lead	0.32	0.50		0.23	NR		33.8	20	R
Matrix Spike (B2A0258-MS1)		**Source: 1200012-57**			Prepared: 1/10/2012 Analyzed: 1/10/2012				
Lead	3.1	0.50	2.50	0.46	104	80 - 120			
Matrix Spike (B2A0258-MS2)		**Source: 1100589-29**			Prepared: 1/10/2012 Analyzed: 1/10/2012				
Lead	3.0	0.50	2.50	0.23	112	80 - 120			
Matrix Spike Dup (B2A0258-MSD1)		**Source: 1200012-57**			Prepared: 1/10/2012 Analyzed: 1/10/2012				
Lead	3.1	0.50	2.50	0.46	107	80 - 120	2.21	20	
Batch S2A0105 - B2A0258									
Instrument Blank (S2A0105-IBL1)					Prepared: 1/10/2012 Analyzed: 1/10/2012				
Lead	ND	0.50			NR				

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/10/2012

Notes and Definitions

R	RPD value outside acceptance criteria. Calculation is based on raw values.
ND	Analyte not detected at or above reporting limit
PQL	Practical Quantitation Limit
MDL	Method Detection Limit
NR	Not Reported
RPD	Relative Percent Difference

Diane Galvan

From: Luann Beadle [beadle@geoconinc.com]
Sent: Thursday, January 05, 2012 2:33 PM
To: Diane Galvan
Subject: TO-16 Lab Results: 1100809, 1100820, 1100821, 1100825, 1100828, 1100836, & 1100837

Hi Diane,

Following you will find a copy of Caltrans' requested additional WET analyses, organized by metal, then Lab Order Number. I know it is a little lengthy, so if you need extra help sorting, let me know. Please run them on an expedited TAT.

LEAD

File 1100809.xls
WET:

G382-0
G427-0
G508-0.5
G420-0
G378-0.5
G473-0
G489-1.5
G374-0.5
G418-0
G420-0.5
G372-0
G476-0
G471-0
G375-0.5
G426-0.5
G380-1.5
G477-1.5
G373-0.5
G473-0.5

G379-0.5
G378-0
G426-0
G483-2.5
G469-0
G380-0.5
G478-2.5
G487-1.5
G376-0
G474-0
G373-0
G376-0.5
G481-0
G476-2.5
G481-2.5
G422-0
G479-0
G479-0.5
G482-1.5
G486-2.5
G484-0
G484-0.5
G489-0
G489-0.5
G491-0
G422-0.5

TCLP:

|---|
|G495-0 |

```
|-------------|


File 1100820.xls
WET:
|-------------|
|G512-1.5     |
|-------------|
|G515-1.5     |
|-------------|
|G467-0.5     |
|-------------|
|G463-2.5     |
|-------------|
|G517-2.5     |
|-------------|
|G466-0.5     |
|-------------|
|G464-1.5     |
|-------------|
|G516-0.5     |
|-------------|
|G517-0.5     |
|-------------|
|G463-1.5     |
|-------------|
|G518-1.5     |
|-------------|
|G510-1.5     |
|-------------|
|G519-1.5     |
|-------------|
|G517-1.5     |
|-------------|
|G521-2.5     |
|-------------|


TCLP:
|-------------|
|G520-1.5     |
|-------------|


File 1100821.xls
WET:
|-------------|
|G507-1.5     |
|-------------|
|G244-0.5     |
|-------------|
|G207-0.5     |
|-------------|
|G245-0.5     |
|-------------|
|G247-0       |
```

|---|
G325-0.5
G229-0.5
G327-0
G326-0
G241-0
G225-0
G207-0
G206-0
G262-0.5
G259-0.5
G258-0.5
G224-0
G390-0.5
G325-0
G248-0.5
G205-0.5
G390-2.5
G366-.5
G247-0.5
G209-0
G387-1.5
G388-2.5
G239-0.5
G260-0.5
G242-0.5
G367-.5
G391-2.5
G255-0

G229-0
G208-0
G242-0
G387-.5
G259-0
G239-0
G241-0.5
G205-0
G263-0.5
G391-1.5
G251-0.5
G383-0
G252-0
G389-0.5

TCLP:

G258-0
G260-0
G263-0
G391-0.5
G386-0.5
G238-0
G251-0
G262-0
G324-0
G226-0.5
G385-0
G384-0
G388-0

G386-0
G261-0
G226-0
G388-.5
G254-0
G388-1.5
G390-0
G389-0
G387-0
G391-0

File 1100825.xls
WET:

G273-0.5
G275-0.5
G311-0.5
G269-0.5
G272-1.5
G285-0.5
G270-0.5
G308-2.5
G290-0.5
G279-0.5
G301-0.5
G269-1.5
G281-1.5
G284-0.5
G266-0.5

```
|G282-0.5      |
|--------------|
|G277-0.5      |
|--------------|
|G304-0        |
|--------------|
|G314-0.5      |
|--------------|
|G280-0.5      |
|--------------|
|G280-0        |
|--------------|
|G300-0.5      |
|--------------|
|G267-0.5      |
|--------------|
|G278-1.5      |
|--------------|
|G277-0        |
|--------------|
|G281-0        |
|--------------|
|G281-0.5      |
|--------------|
|G290-1.5      |
|--------------|
|G296-0.5      |
|--------------|
|G283-0        |
|--------------|
|G287-0.5      |
|--------------|
|G304-0.5      |
|--------------|
|G310-0        |
|--------------|
|G264-0.5      |
|--------------|
|G298-0        |
|--------------|
|W-ALAM-C1-1.5 |
|--------------|
|G284-0        |
|--------------|
|G294-0        |
|--------------|
|G310-0.5      |
|--------------|
|G313-0.5      |
|--------------|
|G278-0        |
|--------------|
|G287-0        |
|--------------|
|G266-1.5      |
|--------------|
|G282-0        |
```

G274-0
G302-0
G312-0.5
G276-0
G296-0
G270-0
G271-0
G279-0
G266-0
G274-0.5
G286-0.5
G272-0
G286-0

TCLP:

G285-0
G264-0
G273-0
G267-0
G269-0
G293-0
G297-0
G275-0
W-ALAM-C1-0
G308-0.5
G268-0
G301-0
G290-0

```
|G303-0         |
|---------------|
|G311-0         |
|---------------|
|G300-0         |
|---------------|
|G314-0         |
|---------------|
|G307-0.5       |
|---------------|
|G305-0         |
|---------------|
|G306-0.5       |
|---------------|
|G312-0         |
|---------------|
|G313-0         |
|---------------|
```

File 1100828.xls
WET:

```
|--------------|
|G13-0         |
|--------------|
|G105-.5       |
|--------------|
|G11-0         |
|--------------|
|G99-.5        |
|--------------|
|G9-.5         |
|--------------|
|G14-.5        |
|--------------|
|G101-.5       |
|--------------|
|G111-0        |
|--------------|
|G150-0        |
|--------------|
|G9-0          |
|--------------|
|G10-0         |
|--------------|
|G12-0         |
|--------------|
|G13-.5        |
|--------------|
|G107-0        |
|--------------|
|G148-.5       |
|--------------|
|G149-0        |
|--------------|
|G4-.5         |
```

G3-.5
G140-0
G11-.5
G106-0
G115-0
G117-.5
G98-.5
G110-0
G139-.5
G145-.5
G116-.5
G28-.5
G97-.5
G115-.5
G29-.5
G98-0
G117-0
G150-.5
G138-.5
G29-0
G30-.5
G101-0
G146-0
G27-0
G31-.5
G28-0
G97-0
G120-0

G118-.5
G12-.5
G119-.5
G32-0
G96-0
G149-.5
G116-0
G119-0
G2-.5

TCLP:

|---|
G27-.5
G6-0
G136-0
G99-0
G135-0
G30-0
G5-0
G96-.5
G139-0
G5-.5
G2-0
G3-0

File 1100836.xls

WET:

|---|
G124-0
G155-.5
G158-0

G127-0
G172-0.5
G430-0
G127-.5
G157-0
G333-0
G178-0
G434-0
G156-0
G179-0
G320-0
G153-.5
G220-0
G154-.5
G235-0
G126-.5
G155-0
G321-0
G319-0
G317-0
G172-0
G232-0
G316-0
G124-.5
G236-0

TCLP:

G232-0.5

```
|G233-0       |
|-------------|
```

File 1100837.xls
WET:

```
|-------------|
|G66-1.5      |
|-------------|
|G74-2.5      |
|-------------|
|G66-0.5      |
|-------------|
|G69-1.5      |
|-------------|
|G71-0        |
|-------------|
|G79-0        |
|-------------|
|G63-1.5      |
|-------------|
|G59-0.5      |
|-------------|
|G77-0.5      |
|-------------|
|G57-1.5      |
|-------------|
|G63-2.5      |
|-------------|
|G65-0.5      |
|-------------|
|G62-1.5      |
|-------------|
|G54-0.5      |
|-------------|
|G63-0.5      |
|-------------|
|G56-0        |
|-------------|
|G66-0        |
|-------------|
|G63-0        |
|-------------|
|G61-1.5      |
|-------------|
|G75-0        |
|-------------|
|G75-1.5      |
|-------------|
|G68-0        |
|-------------|
|G55-1.5      |
|-------------|
|G72-0        |
|-------------|
|G58-1.5      |
```

|---|
G71-0.5
G70-1.5
G59-2.5
G66-2.5
G69-0
G70-0
G58-2.5
G65-2.5

TCLP:

|---|
G73-0
G64-0
G69-2.5
G61-0
G65-0
G76-0

CHROMIUM

File 1100809.xls
WET:

|---|
G426-0
G420-0
G424-0.5
G422-0
G422-0.5
G420-0.5
G420-1.5
G424-2.5

```
|-------------|
|G426-1.5     |
|-------------|
```

File 1100820.xls
WET:

```
|-------------|
|G463-0       |
|-------------|
|G519-1.5     |
|-------------|
```

File 1100821.xls
WET:

```
|-------------|
|G417-0       |
|-------------|
```

File 1100837.xls
WET:

```
|-------------|
|G71-1.5      |
|-------------|
```

NICKEL

File 1100809.xls
WET:

```
|-------------|
|G426-1.5     |
|-------------|
|G424-2.5     |
|-------------|
```

BARIUM

File 1100837.xls
WET:

```
|-------------|
|G49-0.5      |
|-------------|
```

MERCURY

File 1100837.xls
WET:

G15-0
G15-2.5
G72-1.5
G18-2.5
G18-0
G24-2.5
G22-0.5
G47-0
G33-0.5
G19-0
G40-0.5
G20-1.5
G47-0.5
G48-0.5
G23-0.5
G19-0.5
G33-1.5
G72-0.5
G73-1.5
G17-0

As always, thank you very much.
Luann

ADVANCED TECHNOLOGY LABORATORIES

January 16, 2012

ELAP No.: 1838
NELAP No.: 02107CA
CSDLAC No.: 10196
ORELAP No.: CA300003

Luann Beadle
Geocon Consultants, Inc.
6671 Brisa Street
Livermore, CA 94550
Tel: (925) 371-5900
Fax:(925) 371-5915

Re: ATL Work Order Number : 1100809
Client Reference : TO-16, E8560-06-16

Enclosed are the results for sample(s) received on December 24, 2011 by Advanced Technology Laboratories. The sample(s) are tested for the parameters as indicated on the enclosed chain of custody in accordance with applicable laboratory certifications. The laboratory results contained in this report specifically pertains to the sample(s) submitted.

Thank you for the opportunity to serve the needs of your company. If you have any questions, please feel free to contact me or your Project Manager.

Sincerely,

Eddie Rodriguez
Laboratory Director

The cover letter and the case narrative are an integral part of this analytical report and its absence renders the report invalid. The report cannot be reproduced without written permission from the client and Advanced Technology Laboratories.

3275 Walnut Avenue, Signal Hill, CA 90755 • Tel: 562-989-4045 • Fax: 562-989-4040
www.atlglobal.com

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/16/2012

SUMMARY OF SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
G376-0	1100809-AR	Soil	12/22/11 13:36	12/24/11 8:40
G376-0.5	1100809-AS	Soil	12/22/11 13:37	12/24/11 8:40
G379-0.5	1100809-BE	Soil	12/22/11 13:59	12/24/11 8:40
G380-0.5	1100809-BI	Soil	12/22/11 14:06	12/24/11 8:40
G418-0	1100809-BT	Soil	12/22/11 10:55	12/24/11 8:40
G420-0.5	1100809-BY	Soil	12/22/11 11:00	12/24/11 8:40
G422-0	1100809-CB	Soil	12/22/11 11:15	12/24/11 8:40
G422-0.5	1100809-CC	Soil	12/22/11 11:15	12/24/11 8:40
G474-0	1100809-DH	Soil	12/22/11 12:45	12/24/11 8:40

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/16/2012

STLC-DI Lead by AA (Direct Aspiration) EPA 7420

Analyte: Lead **Analyst: VV**

Laboratory ID	Client Sample ID	Result	Units	PQL	MDL	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1100809-AR	G376-0	**ND**	mg/L	0.50	NA	1	B2A0347	01/12/2012	01/16/12 12:09	
1100809-AS	G376-0.5	**ND**	mg/L	0.50	NA	1	B2A0347	01/12/2012	01/16/12 12:09	
1100809-BE	G379-0.5	**ND**	mg/L	0.50	NA	1	B2A0347	01/12/2012	01/16/12 12:09	
1100809-BI	G380-0.5	**ND**	mg/L	0.50	NA	1	B2A0347	01/12/2012	01/16/12 12:10	
1100809-BT	G418-0	**ND**	mg/L	0.50	NA	1	B2A0347	01/12/2012	01/16/12 12:10	
1100809-BY	G420-0.5	**ND**	mg/L	0.50	NA	1	B2A0347	01/12/2012	01/16/12 12:10	
1100809-CB	G422-0	**ND**	mg/L	0.50	NA	1	B2A0347	01/12/2012	01/16/12 12:10	
1100809-CC	G422-0.5	**ND**	mg/L	0.50	NA	1	B2A0347	01/12/2012	01/16/12 12:11	
1100809-DH	G474-0	**ND**	mg/L	0.50	NA	1	B2A0347	01/12/2012	01/16/12 12:12	

Geocon Consultants, Inc.	Project Number : TO-16, E8560-06-16
6671 Brisa Street	Report To : Luann Beadle
Livermore , CA 94550	Reported : 01/16/2012

QUALITY CONTROL SECTION

STLC-DI Lead by AA (Direct Aspiration) EPA 7420 - Quality Control

Analyte	Result (mg/L)	PQL (mg/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0347 - STLC DI Extraction									
Blank (B2A0347-BLK1)					Prepared: 1/12/2012 Analyzed: 1/16/2012				
Lead	ND	0.50			NR				
Blank (B2A0347-BLK2)					Prepared: 1/12/2012 Analyzed: 1/16/2012				
Lead	ND	0.50			NR				
LCS (B2A0347-BS1)					Prepared: 1/12/2012 Analyzed: 1/16/2012				
Lead	5.2	0.05	5.00		104	80 - 120			
Duplicate (B2A0347-DUP1)		**Source: 1100820-46**			Prepared: 1/12/2012 Analyzed: 1/16/2012				
Lead	ND	0.50		0.16	NR			20	
Duplicate (B2A0347-DUP2)		**Source: 1100821-35**			Prepared: 1/12/2012 Analyzed: 1/16/2012				
Lead	0.18	0.50		0.13	NR		29.2	20	R
Matrix Spike (B2A0347-MS1)		**Source: 1100820-46**			Prepared: 1/12/2012 Analyzed: 1/16/2012				
Lead	5.0	0.05	5.00	0.16	97.8	80 - 120			
Matrix Spike (B2A0347-MS2)		**Source: 1100821-35**			Prepared: 1/12/2012 Analyzed: 1/16/2012				
Lead	4.8	0.05	5.00	0.13	94.0	80 - 120			
Matrix Spike Dup (B2A0347-MSD1)		**Source: 1100820-46**			Prepared: 1/12/2012 Analyzed: 1/16/2012				
Lead	4.9	0.05	5.00	0.16	95.8	80 - 120	2.00	20	
Batch S2A0166 - B2A0385									
Instrument Blank (S2A0166-IBL1)					Prepared: 1/16/2012 Analyzed: 1/16/2012				
Lead	ND	0.50			NR				

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/16/2012

Notes and Definitions

R	RPD value outside acceptance criteria. Calculation is based on raw values.
ND	Analyte not detected at or above reporting limit
PQL	Practical Quantitation Limit
MDL	Method Detection Limit
NR	Not Reported
RPD	Relative Percent Difference

Diane Galvan

From: Luann Beadle [beadle@geoconinc.com]
Sent: Wednesday, January 11, 2012 3:00 PM
To: Diane Galvan
Subject: Additional Results/EDD - TO-16 (1100809add1.xls)
Attachments: 1100809add1.xls

Hi Diane,
Per Caltrans, please run the following, expedited TAT:

Run DI-WET for the following:

Sample Name	Lab Sample ID	Analyte
G379-0.5	1100809-BE	Lead
G376-0.5	1100809-AS	Lead
G380-0.5	1100809-BI	Lead
G376-0	1100809-AR	Lead
G422-0.5	1100809-CC	Lead
G474-0	1100809-DH	Lead
G420-0.5	1100809-BY	Lead
G418-0	1100809-BT	Lead
G422-0	1100809-CB	Lead

Thank you,
Luann

ADVANCED TECHNOLOGY LABORATORIES

January 20, 2012

ELAP No.: 1838
NELAP No.: 02107CA
CSDLAC No.: 10196
ORELAP No.: CA300003

Luann Beadle
Geocon Consultants, Inc.
6671 Brisa Street
Livermore, CA 94550
Tel: (925) 371-5900
Fax:(925) 371-5915

Re: ATL Work Order Number : 1100809
Client Reference : TO-16, E8560-06-16

Enclosed are the results for sample(s) received on December 24, 2011 by Advanced Technology Laboratories. The sample(s) are tested for the parameters as indicated on the enclosed chain of custody in accordance with applicable laboratory certifications. The laboratory results contained in this report specifically pertains to the sample(s) submitted.

Thank you for the opportunity to serve the needs of your company. If you have any questions, please feel free to contact me or your Project Manager.

Sincerely,

Eddie Rodriguez
Laboratory Director

The cover letter and the case narrative are an integral part of this analytical report and its absence renders the report invalid. The report cannot be reproduced without written permission from the client and Advanced Technology Laboratories.

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/20/2012

SUMMARY OF SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
G495-0	1100809-GN	Soil	12/22/11 13:50	12/24/11 8:40

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/20/2012

STLC Lead by AA (Direct Aspiration) by EPA 7420

Analyte: Lead **Analyst: VV**

Laboratory ID	Client Sample ID	Result	Units	PQL	MDL	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1100809-GN	G495-0	**8.0**	mg/L	0.50	NA	1	B2A0460	01/18/2012	01/20/12 12:39	

Geocon Consultants, Inc.	Project Number : TO-16, E8560-06-16
6671 Brisa Street	Report To : Luann Beadle
Livermore , CA 94550	Reported : 01/20/2012

QUALITY CONTROL SECTION

STLC Lead by AA (Direct Aspiration) by EPA 7420 - Quality Control

Analyte	Result (mg/L)	PQL (mg/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0460 - STLC Extraction									
Blank (B2A0460-BLK1)					Prepared: 1/18/2012 Analyzed: 1/20/2012				
Lead	ND	0.50			NR				
Blank (B2A0460-BLK2)					Prepared: 1/18/2012 Analyzed: 1/20/2012				
Lead	ND	0.50			NR				
LCS (B2A0460-BS1)					Prepared: 1/18/2012 Analyzed: 1/20/2012				
Lead	4.9	0.05	5.00		97.6	80 - 120			
Duplicate (B2A0460-DUP1)		**Source: 1100821-56**			Prepared: 1/18/2012 Analyzed: 1/20/2012				
Lead	52	5.0		54	NR		2.82	20	
Duplicate (B2A0460-DUP2)		**Source: 1100821-86**			Prepared: 1/18/2012 Analyzed: 1/20/2012				
Lead	21	2.5		21	NR		2.28	20	
Matrix Spike (B2A0460-MS1)		**Source: 1100821-56**			Prepared: 1/18/2012 Analyzed: 1/20/2012				
Lead	59	0.50	5.00	54	101	80 - 120			
Matrix Spike (B2A0460-MS2)		**Source: 1100821-86**			Prepared: 1/18/2012 Analyzed: 1/20/2012				
Lead	24	0.25	5.00	21	72.3	80 - 120			M1
Matrix Spike Dup (B2A0460-MSD1)		**Source: 1100821-56**			Prepared: 1/18/2012 Analyzed: 1/20/2012				
Lead	59	0.50	5.00	54	103	80 - 120	0.103	20	
Batch S2A0073 - B2A0192									
Instrument Blank (S2A0073-IBL1)					Prepared: 1/9/2012 Analyzed: 1/9/2012				
Lead	ND	0.50			NR				
Batch S2A0236 - B2A0475									
Instrument Blank (S2A0236-IBL1)					Prepared: 1/20/2012 Analyzed: 1/20/2012				
Lead	ND	0.50			NR				

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/20/2012

Notes and Definitions

M1	Matrix spike recovery outside of acceptance limit. The analytical batch was validated by the laboratory control sample.
ND	Analyte not detected at or above reporting limit
PQL	Practical Quantitation Limit
MDL	Method Detection Limit
NR	Not Reported
RPD	Relative Percent Difference

Diane Galvan

From: Luann Beadle [beadle@geoconinc.com]
Sent: Tuesday, January 17, 2012 3:55 PM
To: Diane Galvan
Subject: TO-16 Lab Results: 1100809, 1100820, 1100821, 1100825, 1100828, 1100836, & 1100837 Spreadsheets - Run Soluble Metals

Hello Diane,
Per Caltrans, please run the following analyses on an expedited TAT.
Thank you,
Luann

Please run WETs for the samples below.

Sample Name - Lab Sample ID - Analyte

FILE 1100809.xls

G495-0	1100809-GN	Lead

FILE 1100820.xls

G520-1.5	1100820-67	Lead

FILE 1100821.xls

G258-0	1100821-72	Lead
G260-0	1100821-76	Lead
G263-0	1100821-82	Lead
G391-0.5	1100821-33	Lead
G386-0.5	1100821-37	Lead
G238-0	1100821-98	Lead
G251-0	1100821-86	Lead
G262-0	1100821-80	Lead
G324-0	1100821-BW	Lead
G226-0.5	1100821-AZ	Lead
G385-0	1100821-68	Lead
G384-0	1100821-64	Lead
G388-0	1100821-56	Lead

G386-0	1100821-36	Lead
G261-0	1100821-78	Lead
G226-0	1100821-AY	Lead
G388-.5	1100821-57	Lead
G254-0	1100821-92	Lead
G388-1.5	1100821-58	Lead
G390-0	1100821-28	Lead
G389-0	1100821-24	Lead
G387-0	1100821-52	Lead
G391-0	1100821-32	Lead

FILE 1100825.xls

G285-0	1100825-85	Lead
G264-0	1100825-01	Lead
G273-0	1100825-37	Lead
G267-0	1100825-09	Lead
G269-0	1100825-21	Lead
G293-0	1100825-AJ	Lead
G297-0	1100825-AZ	Lead
G275-0	1100825-45	Lead
W-ALAM-C1-0	1100825-17	Lead
G308-0.5	1100825-CS	Lead
G268-0	1100825-13	Lead
G301-0	1100825-BP	Lead
G290-0	1100825-AB	Lead
G303-0	1100825-BX	Lead
G311-0	1100825-DD	Lead
G300-0	1100825-BL	Lead

G314-0	1100825-DP	Lead
G307-0.5	1100825-CO	Lead
G305-0	1100825-CF	Lead
G306-0.5	1100825-CK	Lead
G312-0	1100825-DH	Lead
G313-0	1100825-DL	Lead

FILE 1100828.xls

G27-.5	1100828-74	Lead
G6-0	1100828-71	Lead
G136-0	1100828-27	Lead
G99-0	1100828-AP	Lead
G135-0	1100828-25	Lead
G30-0	1100828-79	Lead
G5-0	1100828-69	Lead
G96-.5	1100828-AK	Lead
G139-0	1100828-33	Lead
G5-.5	1100828-70	Lead
G2-0	1100828-63	Lead
G3-0	1100828-65	Lead

FILE 1100836.xls

G232-0.5	1100836-52	Lead
G233-0	1100836-53	Lead

FILE 1100837.xls

G73-0	1100837-CN	Lead
G64-0	1100837-BH	Lead

G69-2.5	1100837-CA	Lead
G61-0	1100837-AV	Lead
G65-0	1100837-BL	Lead
G76-0	1100837-CZ	Lead

ADVANCED TECHNOLOGY LABORATORIES

December 30, 2011

ELAP No.: 1838
NELAP No.: 02107CA
CSDLAC No.: 10196
ORELAP No.: CA300003

Luann Beadle
Geocon Consultants, Inc.
6671 Brisa Street
Livermore, CA 94550
Tel: (925) 371-5900
Fax:(925) 371-5915

Re: ATL Work Order Number : 1100820

Client Reference : TO-16, E8560-06-16

Enclosed are the results for sample(s) received on December 28, 2011 by Advanced Technology Laboratories. The sample(s) are tested for the parameters as indicated on the enclosed chain of custody in accordance with applicable laboratory certifications. The laboratory results contained in this report specifically pertains to the sample(s) submitted.

Thank you for the opportunity to serve the needs of your company. If you have any questions, please feel free to contact me or your Project Manager.

Sincerely,

Eddie Rodriguez

Laboratory Director

The cover letter and the case narrative are an integral part of this analytical report and its absence renders the report invalid. The report cannot be reproduced without written permission from the client and Advanced Technology Laboratories.

3275 Walnut Avenue, Signal Hill, CA 90755 • Tel: 562-989-4045 • Fax: 562-989-4040
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Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

SUMMARY OF SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
G463-0	1100820-01	Soil	12/27/11 8:50	12/28/11 8:14
G463-0.5	1100820-02	Soil	12/27/11 8:51	12/28/11 8:14
G463-1.5	1100820-03	Soil	12/27/11 8:52	12/28/11 8:14
G463-2.5	1100820-04	Soil	12/27/11 8:53	12/28/11 8:14
G464-0	1100820-05	Soil	12/27/11 9:00	12/28/11 8:14
G464-0.5	1100820-06	Soil	12/27/11 9:01	12/28/11 8:14
G464-1.5	1100820-07	Soil	12/27/11 9:02	12/28/11 8:14
G464-2.5	1100820-08	Soil	12/27/11 9:03	12/28/11 8:14
G465-0	1100820-09	Soil	12/27/11 9:40	12/28/11 8:14
G465-0.5	1100820-10	Soil	12/27/11 9:41	12/28/11 8:14
G465-1.5	1100820-11	Soil	12/27/11 9:42	12/28/11 8:14
G465-2.5	1100820-12	Soil	12/27/11 9:43	12/28/11 8:14
G466-0	1100820-13	Soil	12/27/11 9:50	12/28/11 8:14
G466-0.5	1100820-14	Soil	12/27/11 9:51	12/28/11 8:14
G466-1.5	1100820-15	Soil	12/27/11 9:52	12/28/11 8:14
G466-2.5	1100820-16	Soil	12/27/11 9:53	12/28/11 8:14
G467-0	1100820-17	Soil	12/27/11 10:00	12/28/11 8:14
G467-0.5	1100820-18	Soil	12/27/11 10:01	12/28/11 8:14
G467-1.5	1100820-19	Soil	12/27/11 10:02	12/28/11 8:14
G467-2.5	1100820-20	Soil	12/27/11 10:03	12/28/11 8:14
G468-0	1100820-21	Soil	12/27/11 10:07	12/28/11 8:14
G468-0.5	1100820-22	Soil	12/27/11 10:08	12/28/11 8:14
G468-1.5	1100820-23	Soil	12/27/11 10:09	12/28/11 8:14
G468-2.5	1100820-24	Soil	12/27/11 10:10	12/28/11 8:14
G512-0	1100820-25	Soil	12/27/11 10:30	12/28/11 8:14
G512-0.5	1100820-26	Soil	12/27/11 10:31	12/28/11 8:14
G512-1.5	1100820-27	Soil	12/27/11 10:32	12/28/11 8:14
G512-2.5	1100820-28	Soil	12/27/11 10:33	12/28/11 8:14
G513-0	1100820-29	Soil	12/27/11 10:37	12/28/11 8:14
G513-0.5	1100820-30	Soil	12/27/11 10:38	12/28/11 8:14
G513-1.5	1100820-31	Soil	12/27/11 10:39	12/28/11 8:14
G513-2.5	1100820-32	Soil	12/27/11 10:40	12/28/11 8:14
G510-0	1100820-33	Soil	12/27/11 10:15	12/28/11 8:14
G510-0.5	1100820-34	Soil	12/27/11 10:16	12/28/11 8:14
G510-1.5	1100820-35	Soil	12/27/11 10:17	12/28/11 8:14
G510-2.5	1100820-36	Soil	12/27/11 10:18	12/28/11 8:14
G511-0	1100820-37	Soil	12/27/11 10:22	12/28/11 8:14

Geocon Consultants, Inc.	Project Number :	TO-16, E8560-06-16	
6671 Brisa Street	Report To :	Luann Beadle	
Livermore , CA 94550	Reported :	12/30/2011	

G511-0.5	1100820-38	Soil	12/27/11	10:23	12/28/11	8:14
G511-1.5	1100820-39	Soil	12/27/11	10:24	12/28/11	8:14
G511-2.5	1100820-40	Soil	12/27/11	10:25	12/28/11	8:14
G516-0	1100820-41	Soil	12/27/11	11:00	12/28/11	8:14
G516-0.5	1100820-42	Soil	12/27/11	11:01	12/28/11	8:14
G516-1.5	1100820-43	Soil	12/27/11	11:02	12/28/11	8:14
G516-2.5	1100820-44	Soil	12/27/11	11:03	12/28/11	8:14
G517-0	1100820-45	Soil	12/27/11	11:10	12/28/11	8:14
G517-0.5	1100820-46	Soil	12/27/11	11:11	12/28/11	8:14
G517-1.5	1100820-47	Soil	12/27/11	11:12	12/28/11	8:14
G517-2.5	1100820-48	Soil	12/27/11	11:13	12/28/11	8:14
G514-0	1100820-49	Soil	12/27/11	10:45	12/28/11	8:14
G514-0.5	1100820-50	Soil	12/27/11	10:46	12/28/11	8:14
G514-1.5	1100820-51	Soil	12/27/11	10:47	12/28/11	8:14
G514-2.5	1100820-52	Soil	12/27/11	10:48	12/28/11	8:14
G515-0	1100820-53	Soil	12/27/11	10:52	12/28/11	8:14
G515-0.5	1100820-54	Soil	12/27/11	10:53	12/28/11	8:14
G515-1.5	1100820-55	Soil	12/27/11	10:54	12/28/11	8:14
G515-2.5	1100820-56	Soil	12/27/11	10:55	12/28/11	8:14
G518-0	1100820-57	Soil	12/27/11	11:20	12/28/11	8:14
G518-0.5	1100820-58	Soil	12/27/11	11:21	12/28/11	8:14
G518-1.5	1100820-59	Soil	12/27/11	11:22	12/28/11	8:14
G518-2.5	1100820-60	Soil	12/27/11	11:23	12/28/11	8:14
G519-0	1100820-61	Soil	12/27/11	11:30	12/28/11	8:14
G519-0.5	1100820-62	Soil	12/27/11	11:31	12/28/11	8:14
G519-1.5	1100820-63	Soil	12/27/11	11:32	12/28/11	8:14
G519-2.5	1100820-64	Soil	12/27/11	11:33	12/28/11	8:14
G520-0	1100820-65	Soil	12/27/11	11:38	12/28/11	8:14
G520-0.5	1100820-66	Soil	12/27/11	11:39	12/28/11	8:14
G520-1.5	1100820-67	Soil	12/27/11	11:40	12/28/11	8:14
G520-2.5	1100820-68	Soil	12/27/11	11:41	12/28/11	8:14
G521-0	1100820-69	Soil	12/27/11	11:46	12/28/11	8:14
G521-0.5	1100820-70	Soil	12/27/11	11:47	12/28/11	8:14
G521-1.5	1100820-71	Soil	12/27/11	11:48	12/28/11	8:14
G521-2.5	1100820-72	Soil	12/27/11	11:49	12/28/11	8:14
G428-0	1100820-73	Soil	12/27/11	12:35	12/28/11	8:14
G428-0.5	1100820-74	Soil	12/27/11	12:36	12/28/11	8:14
G428-1.5	1100820-75	Soil	12/27/11	12:37	12/28/11	8:14
G428-2.5	1100820-76	Soil	12/27/11	12:38	12/28/11	8:14
G428-3.5	1100820-77	Soil	12/27/11	12:39	12/28/11	8:14
G428-4.5	1100820-78	Soil	12/27/11	12:40	12/28/11	8:14

Geocon Consultants, Inc.	Project Number :	TO-16, E8560-06-16
6671 Brisa Street	Report To :	Luann Beadle
Livermore , CA 94550	Reported :	12/30/2011

G428-5.5	1100820-79	Soil	12/27/11 12:41	12/28/11 8:14
G428-6.5	1100820-80	Soil	12/27/11 12:42	12/28/11 8:14
G342-0	1100820-81	Soil	12/27/11 14:10	12/28/11 8:14
G342-0.5	1100820-82	Soil	12/27/11 14:11	12/28/11 8:14
G342-1.5	1100820-83	Soil	12/27/11 14:12	12/28/11 8:14
G342-2.5	1100820-84	Soil	12/27/11 14:13	12/28/11 8:14
G342-3.5	1100820-85	Soil	12/27/11 14:14	12/28/11 8:14
G342-4.5	1100820-86	Soil	12/27/11 14:20	12/28/11 8:14
G342-5.5	1100820-87	Soil	12/27/11 14:21	12/28/11 8:14
G342-6.5	1100820-88	Soil	12/27/11 14:22	12/28/11 8:14

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G463-0
Lab ID: 1100820-01

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0880	12/28/2011	12/29/11 10:21	
Arsenic	**3.0**	1.0	NA	1	B1L0880	12/28/2011	12/29/11 10:21	
Barium	**110**	1.0	NA	1	B1L0880	12/28/2011	12/29/11 10:21	
Beryllium	ND	1.0	NA	1	B1L0880	12/28/2011	12/29/11 10:21	
Cadmium	ND	1.0	NA	1	B1L0880	12/28/2011	12/29/11 10:21	
Chromium	**51**	1.0	NA	1	B1L0880	12/28/2011	12/29/11 10:21	
Cobalt	**5.5**	1.0	NA	1	B1L0880	12/28/2011	12/29/11 10:21	
Copper	**16**	2.0	NA	1	B1L0880	12/28/2011	12/29/11 10:21	
Lead	**3.7**	1.0	NA	1	B1L0880	12/28/2011	12/29/11 10:21	
Molybdenum	ND	1.0	NA	1	B1L0880	12/28/2011	12/29/11 10:21	
Nickel	**53**	1.0	NA	1	B1L0880	12/28/2011	12/29/11 10:21	
Selenium	ND	1.0	NA	1	B1L0880	12/28/2011	12/29/11 10:21	
Silver	ND	1.0	NA	1	B1L0880	12/28/2011	12/29/11 10:21	
Thallium	ND	1.0	NA	1	B1L0880	12/28/2011	12/29/11 10:21	
Vanadium	**31**	1.0	NA	1	B1L0880	12/28/2011	12/29/11 10:21	
Zinc	**32**	1.0	NA	1	B1L0880	12/28/2011	12/29/11 10:21	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B1L0890	12/29/2011	12/29/11 18:23	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G463-0.5
Lab ID: 1100820-02

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0880	12/28/2011	12/29/11 10:23	
Arsenic	**2.6**	1.0	NA	1	B1L0880	12/28/2011	12/29/11 10:23	
Barium	**420**	1.0	NA	1	B1L0880	12/28/2011	12/29/11 10:23	
Beryllium	ND	1.0	NA	1	B1L0880	12/28/2011	12/29/11 10:23	
Cadmium	ND	1.0	NA	1	B1L0880	12/28/2011	12/29/11 10:23	
Chromium	**45**	1.0	NA	1	B1L0880	12/28/2011	12/29/11 10:23	
Cobalt	**7.0**	1.0	NA	1	B1L0880	12/28/2011	12/29/11 10:23	
Copper	**63**	2.0	NA	1	B1L0880	12/28/2011	12/29/11 10:23	
Lead	**17**	1.0	NA	1	B1L0880	12/28/2011	12/29/11 10:23	
Molybdenum	**1.1**	1.0	NA	1	B1L0880	12/28/2011	12/29/11 10:23	
Nickel	**50**	1.0	NA	1	B1L0880	12/28/2011	12/29/11 10:23	
Selenium	ND	1.0	NA	1	B1L0880	12/28/2011	12/29/11 10:23	
Silver	ND	1.0	NA	1	B1L0880	12/28/2011	12/29/11 10:23	
Thallium	ND	1.0	NA	1	B1L0880	12/28/2011	12/29/11 10:23	
Vanadium	**26**	1.0	NA	1	B1L0880	12/28/2011	12/29/11 10:23	
Zinc	**170**	1.0	NA	1	B1L0880	12/28/2011	12/29/11 10:23	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B1L0890	12/29/2011	12/29/11 18:25	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G463-1.5
Lab ID: 1100820-03

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0880	12/28/2011	12/29/11 10:26	
Arsenic	**7.2**	1.0	NA	1	B1L0880	12/28/2011	12/29/11 10:26	
Barium	**110**	1.0	NA	1	B1L0880	12/28/2011	12/29/11 10:26	
Beryllium	ND	1.0	NA	1	B1L0880	12/28/2011	12/29/11 10:26	
Cadmium	ND	1.0	NA	1	B1L0880	12/28/2011	12/29/11 10:26	
Chromium	**19**	1.0	NA	1	B1L0880	12/28/2011	12/29/11 10:26	
Cobalt	**8.8**	1.0	NA	1	B1L0880	12/28/2011	12/29/11 10:26	
Copper	**21**	2.0	NA	1	B1L0880	12/28/2011	12/29/11 10:26	
Lead	**110**	1.0	NA	1	B1L0880	12/28/2011	12/29/11 10:26	
Molybdenum	ND	1.0	NA	1	B1L0880	12/28/2011	12/29/11 10:26	
Nickel	**22**	1.0	NA	1	B1L0880	12/28/2011	12/29/11 10:26	
Selenium	ND	1.0	NA	1	B1L0880	12/28/2011	12/29/11 10:26	
Silver	ND	1.0	NA	1	B1L0880	12/28/2011	12/29/11 10:26	
Thallium	ND	1.0	NA	1	B1L0880	12/28/2011	12/29/11 10:26	
Vanadium	**30**	1.0	NA	1	B1L0880	12/28/2011	12/29/11 10:26	
Zinc	**56**	1.0	NA	1	B1L0880	12/28/2011	12/29/11 10:26	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B1L0890	12/29/2011	12/29/11 18:27	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G463-2.5
Lab ID: 1100820-04

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0880	12/28/2011	12/29/11 10:28	
Arsenic	**8.6**	1.0	NA	1	B1L0880	12/28/2011	12/29/11 10:28	
Barium	**160**	1.0	NA	1	B1L0880	12/28/2011	12/29/11 10:28	
Beryllium	ND	1.0	NA	1	B1L0880	12/28/2011	12/29/11 10:28	
Cadmium	ND	1.0	NA	1	B1L0880	12/28/2011	12/29/11 10:28	
Chromium	**18**	1.0	NA	1	B1L0880	12/28/2011	12/29/11 10:28	
Cobalt	**9.6**	1.0	NA	1	B1L0880	12/28/2011	12/29/11 10:28	
Copper	**21**	2.0	NA	1	B1L0880	12/28/2011	12/29/11 10:28	
Lead	**84**	1.0	NA	1	B1L0880	12/28/2011	12/29/11 10:28	
Molybdenum	ND	1.0	NA	1	B1L0880	12/28/2011	12/29/11 10:28	
Nickel	**19**	1.0	NA	1	B1L0880	12/28/2011	12/29/11 10:28	
Selenium	ND	1.0	NA	1	B1L0880	12/28/2011	12/29/11 10:28	
Silver	ND	1.0	NA	1	B1L0880	12/28/2011	12/29/11 10:28	
Thallium	ND	1.0	NA	1	B1L0880	12/28/2011	12/29/11 10:28	
Vanadium	**31**	1.0	NA	1	B1L0880	12/28/2011	12/29/11 10:28	
Zinc	**50**	1.0	NA	1	B1L0880	12/28/2011	12/29/11 10:28	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B1L0890	12/29/2011	12/29/11 18:29	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G464-0
Lab ID: 1100820-05

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0880	12/28/2011	12/29/11 10:30	
Arsenic	**3.1**	1.0	NA	1	B1L0880	12/28/2011	12/29/11 10:30	
Barium	**110**	1.0	NA	1	B1L0880	12/28/2011	12/29/11 10:30	
Beryllium	ND	1.0	NA	1	B1L0880	12/28/2011	12/29/11 10:30	
Cadmium	ND	1.0	NA	1	B1L0880	12/28/2011	12/29/11 10:30	
Chromium	**38**	1.0	NA	1	B1L0880	12/28/2011	12/29/11 10:30	
Cobalt	**5.3**	1.0	NA	1	B1L0880	12/28/2011	12/29/11 10:30	
Copper	**17**	2.0	NA	1	B1L0880	12/28/2011	12/29/11 10:30	
Lead	**4.0**	1.0	NA	1	B1L0880	12/28/2011	12/29/11 10:30	
Molybdenum	ND	1.0	NA	1	B1L0880	12/28/2011	12/29/11 10:30	
Nickel	**38**	1.0	NA	1	B1L0880	12/28/2011	12/29/11 10:30	
Selenium	ND	1.0	NA	1	B1L0880	12/28/2011	12/29/11 10:30	
Silver	ND	1.0	NA	1	B1L0880	12/28/2011	12/29/11 10:30	
Thallium	ND	1.0	NA	1	B1L0880	12/28/2011	12/29/11 10:30	
Vanadium	**33**	1.0	NA	1	B1L0880	12/28/2011	12/29/11 10:30	
Zinc	**45**	1.0	NA	1	B1L0880	12/28/2011	12/29/11 10:30	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B1L0890	12/29/2011	12/29/11 18:36	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G464-0.5
Lab ID: 1100820-06

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0880	12/28/2011	12/29/11 10:32	
Arsenic	**2.0**	1.0	NA	1	B1L0880	12/28/2011	12/29/11 10:32	
Barium	**81**	1.0	NA	1	B1L0880	12/28/2011	12/29/11 10:32	
Beryllium	ND	1.0	NA	1	B1L0880	12/28/2011	12/29/11 10:32	
Cadmium	ND	1.0	NA	1	B1L0880	12/28/2011	12/29/11 10:32	
Chromium	**42**	1.0	NA	1	B1L0880	12/28/2011	12/29/11 10:32	
Cobalt	**6.9**	1.0	NA	1	B1L0880	12/28/2011	12/29/11 10:32	
Copper	**21**	2.0	NA	1	B1L0880	12/28/2011	12/29/11 10:32	
Lead	**9.7**	1.0	NA	1	B1L0880	12/28/2011	12/29/11 10:32	
Molybdenum	ND	1.0	NA	1	B1L0880	12/28/2011	12/29/11 10:32	
Nickel	**50**	1.0	NA	1	B1L0880	12/28/2011	12/29/11 10:32	
Selenium	ND	1.0	NA	1	B1L0880	12/28/2011	12/29/11 10:32	
Silver	ND	1.0	NA	1	B1L0880	12/28/2011	12/29/11 10:32	
Thallium	ND	1.0	NA	1	B1L0880	12/28/2011	12/29/11 10:32	
Vanadium	**31**	1.0	NA	1	B1L0880	12/28/2011	12/29/11 10:32	
Zinc	**45**	1.0	NA	1	B1L0880	12/28/2011	12/29/11 10:32	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B1L0890	12/29/2011	12/29/11 18:38	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G464-1.5
Lab ID: 1100820-07

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0880	12/28/2011	12/29/11 10:34	
Arsenic	**6.5**	1.0	NA	1	B1L0880	12/28/2011	12/29/11 10:34	
Barium	**160**	1.0	NA	1	B1L0880	12/28/2011	12/29/11 10:34	
Beryllium	ND	1.0	NA	1	B1L0880	12/28/2011	12/29/11 10:34	
Cadmium	ND	1.0	NA	1	B1L0880	12/28/2011	12/29/11 10:34	
Chromium	**19**	1.0	NA	1	B1L0880	12/28/2011	12/29/11 10:34	
Cobalt	**9.6**	1.0	NA	1	B1L0880	12/28/2011	12/29/11 10:34	
Copper	**19**	2.0	NA	1	B1L0880	12/28/2011	12/29/11 10:34	
Lead	**92**	1.0	NA	1	B1L0880	12/28/2011	12/29/11 10:34	
Molybdenum	ND	1.0	NA	1	B1L0880	12/28/2011	12/29/11 10:34	
Nickel	**25**	1.0	NA	1	B1L0880	12/28/2011	12/29/11 10:34	
Selenium	ND	1.0	NA	1	B1L0880	12/28/2011	12/29/11 10:34	
Silver	ND	1.0	NA	1	B1L0880	12/28/2011	12/29/11 10:34	
Thallium	ND	1.0	NA	1	B1L0880	12/28/2011	12/29/11 10:34	
Vanadium	**30**	1.0	NA	1	B1L0880	12/28/2011	12/29/11 10:34	
Zinc	**58**	1.0	NA	1	B1L0880	12/28/2011	12/29/11 10:34	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B1L0890	12/29/2011	12/29/11 18:40	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G464-2.5
Lab ID: 1100820-08

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0880	12/28/2011	12/29/11 10:35	
Arsenic	**5.3**	1.0	NA	1	B1L0880	12/28/2011	12/29/11 10:35	
Barium	**130**	1.0	NA	1	B1L0880	12/28/2011	12/29/11 10:35	
Beryllium	ND	1.0	NA	1	B1L0880	12/28/2011	12/29/11 10:35	
Cadmium	ND	1.0	NA	1	B1L0880	12/28/2011	12/29/11 10:35	
Chromium	**13**	1.0	NA	1	B1L0880	12/28/2011	12/29/11 10:35	
Cobalt	**8.2**	1.0	NA	1	B1L0880	12/28/2011	12/29/11 10:35	
Copper	**16**	2.0	NA	1	B1L0880	12/28/2011	12/29/11 10:35	
Lead	**29**	1.0	NA	1	B1L0880	12/28/2011	12/29/11 10:35	
Molybdenum	ND	1.0	NA	1	B1L0880	12/28/2011	12/29/11 10:35	
Nickel	**21**	1.0	NA	1	B1L0880	12/28/2011	12/29/11 10:35	
Selenium	ND	1.0	NA	1	B1L0880	12/28/2011	12/29/11 10:35	
Silver	ND	1.0	NA	1	B1L0880	12/28/2011	12/29/11 10:35	
Thallium	ND	1.0	NA	1	B1L0880	12/28/2011	12/29/11 10:35	
Vanadium	**24**	1.0	NA	1	B1L0880	12/28/2011	12/29/11 10:35	
Zinc	**40**	1.0	NA	1	B1L0880	12/28/2011	12/29/11 10:35	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B1L0890	12/29/2011	12/29/11 18:42	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G465-0
Lab ID: 1100820-09

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0880	12/28/2011	12/29/11 10:43	
Arsenic	**3.9**	1.0	NA	1	B1L0880	12/28/2011	12/29/11 10:43	
Barium	**97**	1.0	NA	1	B1L0880	12/28/2011	12/29/11 10:43	
Beryllium	ND	1.0	NA	1	B1L0880	12/28/2011	12/29/11 10:43	
Cadmium	ND	1.0	NA	1	B1L0880	12/28/2011	12/29/11 10:43	
Chromium	**34**	1.0	NA	1	B1L0880	12/28/2011	12/29/11 10:43	
Cobalt	**7.1**	1.0	NA	1	B1L0880	12/28/2011	12/29/11 10:43	
Copper	**35**	2.0	NA	1	B1L0880	12/28/2011	12/29/11 10:43	
Lead	**22**	1.0	NA	1	B1L0880	12/28/2011	12/29/11 10:43	
Molybdenum	ND	1.0	NA	1	B1L0880	12/28/2011	12/29/11 10:43	
Nickel	**40**	1.0	NA	1	B1L0880	12/28/2011	12/29/11 10:43	
Selenium	ND	1.0	NA	1	B1L0880	12/28/2011	12/29/11 10:43	
Silver	ND	1.0	NA	1	B1L0880	12/28/2011	12/29/11 10:43	
Thallium	ND	1.0	NA	1	B1L0880	12/28/2011	12/29/11 10:43	
Vanadium	**28**	1.0	NA	1	B1L0880	12/28/2011	12/29/11 10:43	
Zinc	**130**	1.0	NA	1	B1L0880	12/28/2011	12/29/11 10:43	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B1L0890	12/29/2011	12/29/11 18:44	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G465-0.5
Lab ID: 1100820-10

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0880	12/28/2011	12/29/11 10:45	
Arsenic	**12**	1.0	NA	1	B1L0880	12/28/2011	12/29/11 10:45	
Barium	**160**	1.0	NA	1	B1L0880	12/28/2011	12/29/11 10:45	
Beryllium	ND	1.0	NA	1	B1L0880	12/28/2011	12/29/11 10:45	
Cadmium	ND	1.0	NA	1	B1L0880	12/28/2011	12/29/11 10:45	
Chromium	**19**	1.0	NA	1	B1L0880	12/28/2011	12/29/11 10:45	
Cobalt	**8.7**	1.0	NA	1	B1L0880	12/28/2011	12/29/11 10:45	
Copper	**21**	2.0	NA	1	B1L0880	12/28/2011	12/29/11 10:45	
Lead	**37**	1.0	NA	1	B1L0880	12/28/2011	12/29/11 10:45	
Molybdenum	ND	1.0	NA	1	B1L0880	12/28/2011	12/29/11 10:45	
Nickel	**20**	1.0	NA	1	B1L0880	12/28/2011	12/29/11 10:45	
Selenium	ND	1.0	NA	1	B1L0880	12/28/2011	12/29/11 10:45	
Silver	ND	1.0	NA	1	B1L0880	12/28/2011	12/29/11 10:45	
Thallium	ND	1.0	NA	1	B1L0880	12/28/2011	12/29/11 10:45	
Vanadium	**34**	1.0	NA	1	B1L0880	12/28/2011	12/29/11 10:45	
Zinc	**49**	1.0	NA	1	B1L0880	12/28/2011	12/29/11 10:45	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B1L0890	12/29/2011	12/29/11 18:19	

pH by EPA 9045C

Analyst: LA

Analyte	Result (pH Units)	PQL (pH Units)	MDL (pH Units)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
pH	**7.6**	0.10	NA	1	B1L0953	12/29/2011	12/29/11 14:14	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G465-1.5
Lab ID: 1100820-11

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0881	12/28/2011	12/29/11 10:58	
Arsenic	**13**	1.0	NA	1	B1L0881	12/28/2011	12/29/11 10:58	
Barium	**160**	1.0	NA	1	B1L0881	12/28/2011	12/29/11 10:58	
Beryllium	ND	1.0	NA	1	B1L0881	12/28/2011	12/29/11 10:58	
Cadmium	ND	1.0	NA	1	B1L0881	12/28/2011	12/29/11 10:58	
Chromium	**17**	1.0	NA	1	B1L0881	12/28/2011	12/29/11 10:58	
Cobalt	**6.9**	1.0	NA	1	B1L0881	12/28/2011	12/29/11 10:58	
Copper	**20**	2.0	NA	1	B1L0881	12/28/2011	12/29/11 10:58	
Lead	**10**	1.0	NA	1	B1L0881	12/28/2011	12/29/11 10:58	
Molybdenum	ND	1.0	NA	1	B1L0881	12/28/2011	12/29/11 10:58	
Nickel	**18**	1.0	NA	1	B1L0881	12/28/2011	12/29/11 10:58	
Selenium	ND	1.0	NA	1	B1L0881	12/28/2011	12/29/11 10:58	
Silver	ND	1.0	NA	1	B1L0881	12/28/2011	12/29/11 10:58	
Thallium	ND	1.0	NA	1	B1L0881	12/28/2011	12/29/11 10:58	
Vanadium	**33**	1.0	NA	1	B1L0881	12/28/2011	12/29/11 10:58	
Zinc	**45**	1.0	NA	1	B1L0881	12/28/2011	12/29/11 10:58	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B1L0891	12/29/2011	12/29/11 19:04	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G465-2.5
Lab ID: 1100820-12

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0881	12/28/2011	12/29/11 11:00	
Arsenic	**2.9**	1.0	NA	1	B1L0881	12/28/2011	12/29/11 11:00	
Barium	**120**	1.0	NA	1	B1L0881	12/28/2011	12/29/11 11:00	
Beryllium	ND	1.0	NA	1	B1L0881	12/28/2011	12/29/11 11:00	
Cadmium	ND	1.0	NA	1	B1L0881	12/28/2011	12/29/11 11:00	
Chromium	**12**	1.0	NA	1	B1L0881	12/28/2011	12/29/11 11:00	
Cobalt	**6.2**	1.0	NA	1	B1L0881	12/28/2011	12/29/11 11:00	
Copper	**14**	2.0	NA	1	B1L0881	12/28/2011	12/29/11 11:00	
Lead	**7.5**	1.0	NA	1	B1L0881	12/28/2011	12/29/11 11:00	
Molybdenum	ND	1.0	NA	1	B1L0881	12/28/2011	12/29/11 11:00	
Nickel	**12**	1.0	NA	1	B1L0881	12/28/2011	12/29/11 11:00	
Selenium	ND	1.0	NA	1	B1L0881	12/28/2011	12/29/11 11:00	
Silver	ND	1.0	NA	1	B1L0881	12/28/2011	12/29/11 11:00	
Thallium	ND	1.0	NA	1	B1L0881	12/28/2011	12/29/11 11:00	
Vanadium	**23**	1.0	NA	1	B1L0881	12/28/2011	12/29/11 11:00	
Zinc	**27**	1.0	NA	1	B1L0881	12/28/2011	12/29/11 11:00	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B1L0891	12/29/2011	12/29/11 19:06	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G466-0
Lab ID: 1100820-13

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0881	12/28/2011	12/29/11 11:03	
Arsenic	**4.5**	1.0	NA	1	B1L0881	12/28/2011	12/29/11 11:03	
Barium	**100**	1.0	NA	1	B1L0881	12/28/2011	12/29/11 11:03	
Beryllium	ND	1.0	NA	1	B1L0881	12/28/2011	12/29/11 11:03	
Cadmium	ND	1.0	NA	1	B1L0881	12/28/2011	12/29/11 11:03	
Chromium	**28**	1.0	NA	1	B1L0881	12/28/2011	12/29/11 11:03	
Cobalt	**7.8**	1.0	NA	1	B1L0881	12/28/2011	12/29/11 11:03	
Copper	**18**	2.0	NA	1	B1L0881	12/28/2011	12/29/11 11:03	
Lead	**13**	1.0	NA	1	B1L0881	12/28/2011	12/29/11 11:03	
Molybdenum	ND	1.0	NA	1	B1L0881	12/28/2011	12/29/11 11:03	
Nickel	**44**	1.0	NA	1	B1L0881	12/28/2011	12/29/11 11:03	
Selenium	ND	1.0	NA	1	B1L0881	12/28/2011	12/29/11 11:03	
Silver	ND	1.0	NA	1	B1L0881	12/28/2011	12/29/11 11:03	
Thallium	ND	1.0	NA	1	B1L0881	12/28/2011	12/29/11 11:03	
Vanadium	**28**	1.0	NA	1	B1L0881	12/28/2011	12/29/11 11:03	
Zinc	**63**	1.0	NA	1	B1L0881	12/28/2011	12/29/11 11:03	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B1L0891	12/29/2011	12/29/11 19:08	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G466-0.5
Lab ID: 1100820-14

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0881	12/28/2011	12/29/11 11:10	
Arsenic	**4.5**	1.0	NA	1	B1L0881	12/28/2011	12/29/11 11:10	
Barium	**110**	1.0	NA	1	B1L0881	12/28/2011	12/29/11 11:10	
Beryllium	ND	1.0	NA	1	B1L0881	12/28/2011	12/29/11 11:10	
Cadmium	ND	1.0	NA	1	B1L0881	12/28/2011	12/29/11 11:10	
Chromium	**34**	1.0	NA	1	B1L0881	12/28/2011	12/29/11 11:10	
Cobalt	**6.8**	1.0	NA	1	B1L0881	12/28/2011	12/29/11 11:10	
Copper	**15**	2.0	NA	1	B1L0881	12/28/2011	12/29/11 11:10	
Lead	**88**	1.0	NA	1	B1L0881	12/28/2011	12/29/11 11:10	
Molybdenum	ND	1.0	NA	1	B1L0881	12/28/2011	12/29/11 11:10	
Nickel	**51**	1.0	NA	1	B1L0881	12/28/2011	12/29/11 11:10	
Selenium	ND	1.0	NA	1	B1L0881	12/28/2011	12/29/11 11:10	
Silver	ND	1.0	NA	1	B1L0881	12/28/2011	12/29/11 11:10	
Thallium	ND	1.0	NA	1	B1L0881	12/28/2011	12/29/11 11:10	
Vanadium	**29**	1.0	NA	1	B1L0881	12/28/2011	12/29/11 11:10	
Zinc	**53**	1.0	NA	1	B1L0881	12/28/2011	12/29/11 11:10	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B1L0891	12/29/2011	12/29/11 19:10	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G466-1.5
Lab ID: 1100820-15

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0881	12/28/2011	12/29/11 11:13	
Arsenic	**3.7**	1.0	NA	1	B1L0881	12/28/2011	12/29/11 11:13	
Barium	**170**	1.0	NA	1	B1L0881	12/28/2011	12/29/11 11:13	
Beryllium	ND	1.0	NA	1	B1L0881	12/28/2011	12/29/11 11:13	
Cadmium	ND	1.0	NA	1	B1L0881	12/28/2011	12/29/11 11:13	
Chromium	**14**	1.0	NA	1	B1L0881	12/28/2011	12/29/11 11:13	
Cobalt	**8.2**	1.0	NA	1	B1L0881	12/28/2011	12/29/11 11:13	
Copper	**17**	2.0	NA	1	B1L0881	12/28/2011	12/29/11 11:13	
Lead	**7.9**	1.0	NA	1	B1L0881	12/28/2011	12/29/11 11:13	
Molybdenum	ND	1.0	NA	1	B1L0881	12/28/2011	12/29/11 11:13	
Nickel	**14**	1.0	NA	1	B1L0881	12/28/2011	12/29/11 11:13	
Selenium	ND	1.0	NA	1	B1L0881	12/28/2011	12/29/11 11:13	
Silver	ND	1.0	NA	1	B1L0881	12/28/2011	12/29/11 11:13	
Thallium	ND	1.0	NA	1	B1L0881	12/28/2011	12/29/11 11:13	
Vanadium	**30**	1.0	NA	1	B1L0881	12/28/2011	12/29/11 11:13	
Zinc	**32**	1.0	NA	1	B1L0881	12/28/2011	12/29/11 11:13	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B1L0891	12/29/2011	12/29/11 19:12	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G466-2.5
Lab ID: 1100820-16

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0881	12/28/2011	12/29/11 11:15	
Arsenic	**4.0**	1.0	NA	1	B1L0881	12/28/2011	12/29/11 11:15	
Barium	**150**	1.0	NA	1	B1L0881	12/28/2011	12/29/11 11:15	
Beryllium	ND	1.0	NA	1	B1L0881	12/28/2011	12/29/11 11:15	
Cadmium	ND	1.0	NA	1	B1L0881	12/28/2011	12/29/11 11:15	
Chromium	**15**	1.0	NA	1	B1L0881	12/28/2011	12/29/11 11:15	
Cobalt	**9.1**	1.0	NA	1	B1L0881	12/28/2011	12/29/11 11:15	
Copper	**18**	2.0	NA	1	B1L0881	12/28/2011	12/29/11 11:15	
Lead	**8.6**	1.0	NA	1	B1L0881	12/28/2011	12/29/11 11:15	
Molybdenum	ND	1.0	NA	1	B1L0881	12/28/2011	12/29/11 11:15	
Nickel	**18**	1.0	NA	1	B1L0881	12/28/2011	12/29/11 11:15	
Selenium	ND	1.0	NA	1	B1L0881	12/28/2011	12/29/11 11:15	
Silver	ND	1.0	NA	1	B1L0881	12/28/2011	12/29/11 11:15	
Thallium	ND	1.0	NA	1	B1L0881	12/28/2011	12/29/11 11:15	
Vanadium	**30**	1.0	NA	1	B1L0881	12/28/2011	12/29/11 11:15	
Zinc	**36**	1.0	NA	1	B1L0881	12/28/2011	12/29/11 11:15	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B1L0891	12/29/2011	12/29/11 19:14	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G467-0
Lab ID: 1100820-17

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0881	12/28/2011	12/29/11 11:18	
Arsenic	**2.4**	1.0	NA	1	B1L0881	12/28/2011	12/29/11 11:18	
Barium	**100**	1.0	NA	1	B1L0881	12/28/2011	12/29/11 11:18	
Beryllium	ND	1.0	NA	1	B1L0881	12/28/2011	12/29/11 11:18	
Cadmium	ND	1.0	NA	1	B1L0881	12/28/2011	12/29/11 11:18	
Chromium	**21**	1.0	NA	1	B1L0881	12/28/2011	12/29/11 11:18	
Cobalt	**6.2**	1.0	NA	1	B1L0881	12/28/2011	12/29/11 11:18	
Copper	**19**	2.0	NA	1	B1L0881	12/28/2011	12/29/11 11:18	
Lead	**19**	1.0	NA	1	B1L0881	12/28/2011	12/29/11 11:18	
Molybdenum	ND	1.0	NA	1	B1L0881	12/28/2011	12/29/11 11:18	
Nickel	**38**	1.0	NA	1	B1L0881	12/28/2011	12/29/11 11:18	
Selenium	ND	1.0	NA	1	B1L0881	12/28/2011	12/29/11 11:18	
Silver	ND	1.0	NA	1	B1L0881	12/28/2011	12/29/11 11:18	
Thallium	ND	1.0	NA	1	B1L0881	12/28/2011	12/29/11 11:18	
Vanadium	**18**	1.0	NA	1	B1L0881	12/28/2011	12/29/11 11:18	
Zinc	**100**	1.0	NA	1	B1L0881	12/28/2011	12/29/11 11:18	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B1L0891	12/29/2011	12/29/11 19:16	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G467-0.5
Lab ID: 1100820-18

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0881	12/28/2011	12/29/11 11:20	
Arsenic	**3.0**	1.0	NA	1	B1L0881	12/28/2011	12/29/11 11:20	
Barium	**110**	1.0	NA	1	B1L0881	12/28/2011	12/29/11 11:20	
Beryllium	ND	1.0	NA	1	B1L0881	12/28/2011	12/29/11 11:20	
Cadmium	ND	1.0	NA	1	B1L0881	12/28/2011	12/29/11 11:20	
Chromium	**16**	1.0	NA	1	B1L0881	12/28/2011	12/29/11 11:20	
Cobalt	**5.1**	1.0	NA	1	B1L0881	12/28/2011	12/29/11 11:20	
Copper	**17**	2.0	NA	1	B1L0881	12/28/2011	12/29/11 11:20	
Lead	**80**	1.0	NA	1	B1L0881	12/28/2011	12/29/11 11:20	
Molybdenum	ND	1.0	NA	1	B1L0881	12/28/2011	12/29/11 11:20	
Nickel	**14**	1.0	NA	1	B1L0881	12/28/2011	12/29/11 11:20	
Selenium	ND	1.0	NA	1	B1L0881	12/28/2011	12/29/11 11:20	
Silver	ND	1.0	NA	1	B1L0881	12/28/2011	12/29/11 11:20	
Thallium	ND	1.0	NA	1	B1L0881	12/28/2011	12/29/11 11:20	
Vanadium	**27**	1.0	NA	1	B1L0881	12/28/2011	12/29/11 11:20	
Zinc	**42**	1.0	NA	1	B1L0881	12/28/2011	12/29/11 11:20	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B1L0891	12/29/2011	12/29/11 19:18	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G467-1.5
Lab ID: 1100820-19

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0881	12/28/2011	12/29/11 11:23	
Arsenic	**4.2**	1.0	NA	1	B1L0881	12/28/2011	12/29/11 11:23	
Barium	**150**	1.0	NA	1	B1L0881	12/28/2011	12/29/11 11:23	
Beryllium	ND	1.0	NA	1	B1L0881	12/28/2011	12/29/11 11:23	
Cadmium	ND	1.0	NA	1	B1L0881	12/28/2011	12/29/11 11:23	
Chromium	**15**	1.0	NA	1	B1L0881	12/28/2011	12/29/11 11:23	
Cobalt	**8.4**	1.0	NA	1	B1L0881	12/28/2011	12/29/11 11:23	
Copper	**17**	2.0	NA	1	B1L0881	12/28/2011	12/29/11 11:23	
Lead	**18**	1.0	NA	1	B1L0881	12/28/2011	12/29/11 11:23	
Molybdenum	ND	1.0	NA	1	B1L0881	12/28/2011	12/29/11 11:23	
Nickel	**15**	1.0	NA	1	B1L0881	12/28/2011	12/29/11 11:23	
Selenium	ND	1.0	NA	1	B1L0881	12/28/2011	12/29/11 11:23	
Silver	ND	1.0	NA	1	B1L0881	12/28/2011	12/29/11 11:23	
Thallium	ND	1.0	NA	1	B1L0881	12/28/2011	12/29/11 11:23	
Vanadium	**29**	1.0	NA	1	B1L0881	12/28/2011	12/29/11 11:23	
Zinc	**37**	1.0	NA	1	B1L0881	12/28/2011	12/29/11 11:23	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B1L0891	12/29/2011	12/29/11 19:25	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G467-2.5
Lab ID: 1100820-20

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0881	12/28/2011	12/29/11 11:25	
Arsenic	**2.3**	1.0	NA	1	B1L0881	12/28/2011	12/29/11 11:25	
Barium	**160**	1.0	NA	1	B1L0881	12/28/2011	12/29/11 11:25	
Beryllium	ND	1.0	NA	1	B1L0881	12/28/2011	12/29/11 11:25	
Cadmium	ND	1.0	NA	1	B1L0881	12/28/2011	12/29/11 11:25	
Chromium	**9.2**	1.0	NA	1	B1L0881	12/28/2011	12/29/11 11:25	
Cobalt	**9.5**	1.0	NA	1	B1L0881	12/28/2011	12/29/11 11:25	
Copper	**12**	2.0	NA	1	B1L0881	12/28/2011	12/29/11 11:25	
Lead	**6.2**	1.0	NA	1	B1L0881	12/28/2011	12/29/11 11:25	
Molybdenum	ND	1.0	NA	1	B1L0881	12/28/2011	12/29/11 11:25	
Nickel	**14**	1.0	NA	1	B1L0881	12/28/2011	12/29/11 11:25	
Selenium	ND	1.0	NA	1	B1L0881	12/28/2011	12/29/11 11:25	
Silver	ND	1.0	NA	1	B1L0881	12/28/2011	12/29/11 11:25	
Thallium	ND	1.0	NA	1	B1L0881	12/28/2011	12/29/11 11:25	
Vanadium	**19**	1.0	NA	1	B1L0881	12/28/2011	12/29/11 11:25	
Zinc	**19**	1.0	NA	1	B1L0881	12/28/2011	12/29/11 11:25	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B1L0891	12/29/2011	12/29/11 19:00	

pH by EPA 9045C

Analyst: LA

Analyte	Result (pH Units)	PQL (pH Units)	MDL (pH Units)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
pH	**7.6**	0.10	NA	1	B1L0953	12/29/2011	12/29/11 14:14	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G468-0
Lab ID: 1100820-21

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0882	12/28/2011	12/29/11 12:35	
Arsenic	**6.2**	1.0	NA	1	B1L0882	12/28/2011	12/29/11 12:35	
Barium	**130**	1.0	NA	1	B1L0882	12/28/2011	12/29/11 12:35	
Beryllium	ND	1.0	NA	1	B1L0882	12/28/2011	12/29/11 12:35	
Cadmium	ND	1.0	NA	1	B1L0882	12/28/2011	12/29/11 12:35	
Chromium	**15**	1.0	NA	1	B1L0882	12/28/2011	12/29/11 12:35	
Cobalt	**7.8**	1.0	NA	1	B1L0882	12/28/2011	12/29/11 12:35	
Copper	**21**	2.0	NA	1	B1L0882	12/28/2011	12/29/11 12:35	
Lead	**13**	1.0	NA	1	B1L0882	12/28/2011	12/29/11 12:35	
Molybdenum	ND	1.0	NA	1	B1L0882	12/28/2011	12/29/11 12:35	
Nickel	**17**	1.0	NA	1	B1L0882	12/28/2011	12/29/11 12:35	
Selenium	ND	1.0	NA	1	B1L0882	12/28/2011	12/29/11 12:35	
Silver	ND	1.0	NA	1	B1L0882	12/28/2011	12/29/11 12:35	
Thallium	ND	1.0	NA	1	B1L0882	12/28/2011	12/29/11 12:35	
Vanadium	**29**	1.0	NA	1	B1L0882	12/28/2011	12/29/11 12:35	
Zinc	**29**	1.0	NA	1	B1L0882	12/28/2011	12/29/11 12:35	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B1L0892	12/29/2011	12/29/11 18:39	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G468-0.5
Lab ID: 1100820-22

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0882	12/28/2011	12/29/11 12:38	
Arsenic	**5.7**	1.0	NA	1	B1L0882	12/28/2011	12/29/11 12:38	
Barium	**130**	1.0	NA	1	B1L0882	12/28/2011	12/29/11 12:38	
Beryllium	ND	1.0	NA	1	B1L0882	12/28/2011	12/29/11 12:38	
Cadmium	ND	1.0	NA	1	B1L0882	12/28/2011	12/29/11 12:38	
Chromium	**15**	1.0	NA	1	B1L0882	12/28/2011	12/29/11 12:38	
Cobalt	**4.7**	1.0	NA	1	B1L0882	12/28/2011	12/29/11 12:38	
Copper	**17**	2.0	NA	1	B1L0882	12/28/2011	12/29/11 12:38	
Lead	**13**	1.0	NA	1	B1L0882	12/28/2011	12/29/11 12:38	
Molybdenum	ND	1.0	NA	1	B1L0882	12/28/2011	12/29/11 12:38	
Nickel	**14**	1.0	NA	1	B1L0882	12/28/2011	12/29/11 12:38	
Selenium	ND	1.0	NA	1	B1L0882	12/28/2011	12/29/11 12:38	
Silver	ND	1.0	NA	1	B1L0882	12/28/2011	12/29/11 12:38	
Thallium	ND	1.0	NA	1	B1L0882	12/28/2011	12/29/11 12:38	
Vanadium	**30**	1.0	NA	1	B1L0882	12/28/2011	12/29/11 12:38	
Zinc	**36**	1.0	NA	1	B1L0882	12/28/2011	12/29/11 12:38	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B1L0892	12/29/2011	12/29/11 18:41	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G468-1.5
Lab ID: 1100820-23

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0882	12/28/2011	12/29/11 12:40	
Arsenic	**2.4**	1.0	NA	1	B1L0882	12/28/2011	12/29/11 12:40	
Barium	**110**	1.0	NA	1	B1L0882	12/28/2011	12/29/11 12:40	
Beryllium	ND	1.0	NA	1	B1L0882	12/28/2011	12/29/11 12:40	
Cadmium	ND	1.0	NA	1	B1L0882	12/28/2011	12/29/11 12:40	
Chromium	**11**	1.0	NA	1	B1L0882	12/28/2011	12/29/11 12:40	
Cobalt	**7.8**	1.0	NA	1	B1L0882	12/28/2011	12/29/11 12:40	
Copper	**13**	2.0	NA	1	B1L0882	12/28/2011	12/29/11 12:40	
Lead	**5.9**	1.0	NA	1	B1L0882	12/28/2011	12/29/11 12:40	
Molybdenum	ND	1.0	NA	1	B1L0882	12/28/2011	12/29/11 12:40	
Nickel	**12**	1.0	NA	1	B1L0882	12/28/2011	12/29/11 12:40	
Selenium	ND	1.0	NA	1	B1L0882	12/28/2011	12/29/11 12:40	
Silver	ND	1.0	NA	1	B1L0882	12/28/2011	12/29/11 12:40	
Thallium	ND	1.0	NA	1	B1L0882	12/28/2011	12/29/11 12:40	
Vanadium	**20**	1.0	NA	1	B1L0882	12/28/2011	12/29/11 12:40	
Zinc	**23**	1.0	NA	1	B1L0882	12/28/2011	12/29/11 12:40	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B1L0892	12/29/2011	12/29/11 18:43	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G468-2.5
Lab ID: 1100820-24

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0882	12/28/2011	12/29/11 12:42	
Arsenic	**2.0**	1.0	NA	1	B1L0882	12/28/2011	12/29/11 12:42	
Barium	**91**	1.0	NA	1	B1L0882	12/28/2011	12/29/11 12:42	
Beryllium	ND	1.0	NA	1	B1L0882	12/28/2011	12/29/11 12:42	
Cadmium	ND	1.0	NA	1	B1L0882	12/28/2011	12/29/11 12:42	
Chromium	**8.5**	1.0	NA	1	B1L0882	12/28/2011	12/29/11 12:42	
Cobalt	**11**	1.0	NA	1	B1L0882	12/28/2011	12/29/11 12:42	
Copper	**11**	2.0	NA	1	B1L0882	12/28/2011	12/29/11 12:42	
Lead	**11**	1.0	NA	1	B1L0882	12/28/2011	12/29/11 12:42	
Molybdenum	ND	1.0	NA	1	B1L0882	12/28/2011	12/29/11 12:42	
Nickel	**13**	1.0	NA	1	B1L0882	12/28/2011	12/29/11 12:42	
Selenium	ND	1.0	NA	1	B1L0882	12/28/2011	12/29/11 12:42	
Silver	ND	1.0	NA	1	B1L0882	12/28/2011	12/29/11 12:42	
Thallium	ND	1.0	NA	1	B1L0882	12/28/2011	12/29/11 12:42	
Vanadium	**17**	1.0	NA	1	B1L0882	12/28/2011	12/29/11 12:42	
Zinc	**19**	1.0	NA	1	B1L0882	12/28/2011	12/29/11 12:42	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B1L0892	12/29/2011	12/29/11 18:45	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G512-0
Lab ID: 1100820-25

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0882	12/28/2011	12/29/11 12:45	
Arsenic	**2.0**	1.0	NA	1	B1L0882	12/28/2011	12/29/11 12:45	
Barium	**76**	1.0	NA	1	B1L0882	12/28/2011	12/29/11 12:45	
Beryllium	ND	1.0	NA	1	B1L0882	12/28/2011	12/29/11 12:45	
Cadmium	ND	1.0	NA	1	B1L0882	12/28/2011	12/29/11 12:45	
Chromium	**36**	1.0	NA	1	B1L0882	12/28/2011	12/29/11 12:45	
Cobalt	**7.4**	1.0	NA	1	B1L0882	12/28/2011	12/29/11 12:45	
Copper	**17**	2.0	NA	1	B1L0882	12/28/2011	12/29/11 12:45	
Lead	**15**	1.0	NA	1	B1L0882	12/28/2011	12/29/11 12:45	
Molybdenum	ND	1.0	NA	1	B1L0882	12/28/2011	12/29/11 12:45	
Nickel	**48**	1.0	NA	1	B1L0882	12/28/2011	12/29/11 12:45	
Selenium	ND	1.0	NA	1	B1L0882	12/28/2011	12/29/11 12:45	
Silver	ND	1.0	NA	1	B1L0882	12/28/2011	12/29/11 12:45	
Thallium	ND	1.0	NA	1	B1L0882	12/28/2011	12/29/11 12:45	
Vanadium	**33**	1.0	NA	1	B1L0882	12/28/2011	12/29/11 12:45	
Zinc	**50**	1.0	NA	1	B1L0882	12/28/2011	12/29/11 12:45	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B1L0892	12/29/2011	12/29/11 18:51	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G512-0.5
Lab ID: 1100820-26

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0882	12/28/2011	12/29/11 12:48	
Arsenic	**3.2**	1.0	NA	1	B1L0882	12/28/2011	12/29/11 12:48	
Barium	**41**	1.0	NA	1	B1L0882	12/28/2011	12/29/11 12:48	
Beryllium	ND	1.0	NA	1	B1L0882	12/28/2011	12/29/11 12:48	
Cadmium	ND	1.0	NA	1	B1L0882	12/28/2011	12/29/11 12:48	
Chromium	**13**	1.0	NA	1	B1L0882	12/28/2011	12/29/11 12:48	
Cobalt	**5.0**	1.0	NA	1	B1L0882	12/28/2011	12/29/11 12:48	
Copper	**7.1**	2.0	NA	1	B1L0882	12/28/2011	12/29/11 12:48	
Lead	**6.3**	1.0	NA	1	B1L0882	12/28/2011	12/29/11 12:48	
Molybdenum	ND	1.0	NA	1	B1L0882	12/28/2011	12/29/11 12:48	
Nickel	**19**	1.0	NA	1	B1L0882	12/28/2011	12/29/11 12:48	
Selenium	ND	1.0	NA	1	B1L0882	12/28/2011	12/29/11 12:48	
Silver	ND	1.0	NA	1	B1L0882	12/28/2011	12/29/11 12:48	
Thallium	ND	1.0	NA	1	B1L0882	12/28/2011	12/29/11 12:48	
Vanadium	**17**	1.0	NA	1	B1L0882	12/28/2011	12/29/11 12:48	
Zinc	**27**	1.0	NA	1	B1L0882	12/28/2011	12/29/11 12:48	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B1L0892	12/29/2011	12/29/11 18:53	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G512-1.5
Lab ID: 1100820-27

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0882	12/28/2011	12/29/11 12:50	
Arsenic	**8.2**	1.0	NA	1	B1L0882	12/28/2011	12/29/11 12:50	
Barium	**170**	1.0	NA	1	B1L0882	12/28/2011	12/29/11 12:50	
Beryllium	ND	1.0	NA	1	B1L0882	12/28/2011	12/29/11 12:50	
Cadmium	ND	1.0	NA	1	B1L0882	12/28/2011	12/29/11 12:50	
Chromium	**17**	1.0	NA	1	B1L0882	12/28/2011	12/29/11 12:50	
Cobalt	**8.6**	1.0	NA	1	B1L0882	12/28/2011	12/29/11 12:50	
Copper	**21**	2.0	NA	1	B1L0882	12/28/2011	12/29/11 12:50	
Lead	**60**	1.0	NA	1	B1L0882	12/28/2011	12/29/11 12:50	
Molybdenum	ND	1.0	NA	1	B1L0882	12/28/2011	12/29/11 12:50	
Nickel	**20**	1.0	NA	1	B1L0882	12/28/2011	12/29/11 12:50	
Selenium	ND	1.0	NA	1	B1L0882	12/28/2011	12/29/11 12:50	
Silver	ND	1.0	NA	1	B1L0882	12/28/2011	12/29/11 12:50	
Thallium	ND	1.0	NA	1	B1L0882	12/28/2011	12/29/11 12:50	
Vanadium	**32**	1.0	NA	1	B1L0882	12/28/2011	12/29/11 12:50	
Zinc	**48**	1.0	NA	1	B1L0882	12/28/2011	12/29/11 12:50	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B1L0892	12/29/2011	12/29/11 18:55	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G512-2.5
Lab ID: 1100820-28

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0882	12/28/2011	12/29/11 12:52	
Arsenic	**4.9**	1.0	NA	1	B1L0882	12/28/2011	12/29/11 12:52	
Barium	**180**	1.0	NA	1	B1L0882	12/28/2011	12/29/11 12:52	
Beryllium	ND	1.0	NA	1	B1L0882	12/28/2011	12/29/11 12:52	
Cadmium	ND	1.0	NA	1	B1L0882	12/28/2011	12/29/11 12:52	
Chromium	**18**	1.0	NA	1	B1L0882	12/28/2011	12/29/11 12:52	
Cobalt	**8.7**	1.0	NA	1	B1L0882	12/28/2011	12/29/11 12:52	
Copper	**21**	2.0	NA	1	B1L0882	12/28/2011	12/29/11 12:52	
Lead	**8.2**	1.0	NA	1	B1L0882	12/28/2011	12/29/11 12:52	
Molybdenum	ND	1.0	NA	1	B1L0882	12/28/2011	12/29/11 12:52	
Nickel	**20**	1.0	NA	1	B1L0882	12/28/2011	12/29/11 12:52	
Selenium	ND	1.0	NA	1	B1L0882	12/28/2011	12/29/11 12:52	
Silver	ND	1.0	NA	1	B1L0882	12/28/2011	12/29/11 12:52	
Thallium	ND	1.0	NA	1	B1L0882	12/28/2011	12/29/11 12:52	
Vanadium	**33**	1.0	NA	1	B1L0882	12/28/2011	12/29/11 12:52	
Zinc	**44**	1.0	NA	1	B1L0882	12/28/2011	12/29/11 12:52	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B1L0892	12/29/2011	12/29/11 18:57	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G513-0
Lab ID: 1100820-29

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0882	12/28/2011	12/29/11 12:58	
Arsenic	**5.0**	1.0	NA	1	B1L0882	12/28/2011	12/29/11 12:58	
Barium	**110**	1.0	NA	1	B1L0882	12/28/2011	12/29/11 12:58	
Beryllium	ND	1.0	NA	1	B1L0882	12/28/2011	12/29/11 12:58	
Cadmium	ND	1.0	NA	1	B1L0882	12/28/2011	12/29/11 12:58	
Chromium	**27**	1.0	NA	1	B1L0882	12/28/2011	12/29/11 12:58	
Cobalt	**7.4**	1.0	NA	1	B1L0882	12/28/2011	12/29/11 12:58	
Copper	**24**	2.0	NA	1	B1L0882	12/28/2011	12/29/11 12:58	
Lead	**18**	1.0	NA	1	B1L0882	12/28/2011	12/29/11 12:58	
Molybdenum	ND	1.0	NA	1	B1L0882	12/28/2011	12/29/11 12:58	
Nickel	**37**	1.0	NA	1	B1L0882	12/28/2011	12/29/11 12:58	
Selenium	ND	1.0	NA	1	B1L0882	12/28/2011	12/29/11 12:58	
Silver	ND	1.0	NA	1	B1L0882	12/28/2011	12/29/11 12:58	
Thallium	ND	1.0	NA	1	B1L0882	12/28/2011	12/29/11 12:58	
Vanadium	**27**	1.0	NA	1	B1L0882	12/28/2011	12/29/11 12:58	
Zinc	**80**	1.0	NA	1	B1L0882	12/28/2011	12/29/11 12:58	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B1L0892	12/29/2011	12/29/11 18:59	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G513-0.5
Lab ID: 1100820-30

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0882	12/28/2011	12/29/11 13:01	
Arsenic	**4.3**	1.0	NA	1	B1L0882	12/28/2011	12/29/11 13:01	
Barium	**160**	1.0	NA	1	B1L0882	12/28/2011	12/29/11 13:01	
Beryllium	ND	1.0	NA	1	B1L0882	12/28/2011	12/29/11 13:01	
Cadmium	ND	1.0	NA	1	B1L0882	12/28/2011	12/29/11 13:01	
Chromium	**19**	1.0	NA	1	B1L0882	12/28/2011	12/29/11 13:01	
Cobalt	**7.2**	1.0	NA	1	B1L0882	12/28/2011	12/29/11 13:01	
Copper	**22**	2.0	NA	1	B1L0882	12/28/2011	12/29/11 13:01	
Lead	**14**	1.0	NA	1	B1L0882	12/28/2011	12/29/11 13:01	
Molybdenum	ND	1.0	NA	1	B1L0882	12/28/2011	12/29/11 13:01	
Nickel	**20**	1.0	NA	1	B1L0882	12/28/2011	12/29/11 13:01	
Selenium	ND	1.0	NA	1	B1L0882	12/28/2011	12/29/11 13:01	
Silver	ND	1.0	NA	1	B1L0882	12/28/2011	12/29/11 13:01	
Thallium	ND	1.0	NA	1	B1L0882	12/28/2011	12/29/11 13:01	
Vanadium	**35**	1.0	NA	1	B1L0882	12/28/2011	12/29/11 13:01	
Zinc	**47**	1.0	NA	1	B1L0882	12/28/2011	12/29/11 13:01	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B1L0892	12/29/2011	12/29/11 18:35	

pH by EPA 9045C

Analyst: LA

Analyte	Result (pH Units)	PQL (pH Units)	MDL (pH Units)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
pH	**7.1**	0.10	NA	1	B1L0953	12/29/2011	12/29/11 14:14	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G513-1.5
Lab ID: 1100820-31

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0884	12/28/2011	12/29/11 13:14	
Arsenic	**2.7**	1.0	NA	1	B1L0884	12/28/2011	12/29/11 13:14	
Barium	**110**	1.0	NA	1	B1L0884	12/28/2011	12/29/11 13:14	
Beryllium	ND	1.0	NA	1	B1L0884	12/28/2011	12/29/11 13:14	
Cadmium	ND	1.0	NA	1	B1L0884	12/28/2011	12/29/11 13:14	
Chromium	**8.0**	1.0	NA	1	B1L0884	12/28/2011	12/29/11 13:14	
Cobalt	**20**	1.0	NA	1	B1L0884	12/28/2011	12/29/11 13:14	
Copper	**9.6**	2.0	NA	1	B1L0884	12/28/2011	12/29/11 13:14	
Lead	**7.2**	1.0	NA	1	B1L0884	12/28/2011	12/29/11 13:14	
Molybdenum	ND	1.0	NA	1	B1L0884	12/28/2011	12/29/11 13:14	
Nickel	**18**	1.0	NA	1	B1L0884	12/28/2011	12/29/11 13:14	
Selenium	ND	1.0	NA	1	B1L0884	12/28/2011	12/29/11 13:14	
Silver	ND	1.0	NA	1	B1L0884	12/28/2011	12/29/11 13:14	
Thallium	ND	1.0	NA	1	B1L0884	12/28/2011	12/29/11 13:14	
Vanadium	**23**	1.0	NA	1	B1L0884	12/28/2011	12/29/11 13:14	
Zinc	**17**	1.0	NA	1	B1L0884	12/28/2011	12/29/11 13:14	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B1L0893	12/29/2011	12/29/11 19:19	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G513-2.5
Lab ID: 1100820-32

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0884	12/28/2011	12/29/11 13:17	
Arsenic	**2.2**	1.0	NA	1	B1L0884	12/28/2011	12/29/11 13:17	
Barium	**120**	1.0	NA	1	B1L0884	12/28/2011	12/29/11 13:17	
Beryllium	ND	1.0	NA	1	B1L0884	12/28/2011	12/29/11 13:17	
Cadmium	ND	1.0	NA	1	B1L0884	12/28/2011	12/29/11 13:17	
Chromium	**8.8**	1.0	NA	1	B1L0884	12/28/2011	12/29/11 13:17	
Cobalt	**9.8**	1.0	NA	1	B1L0884	12/28/2011	12/29/11 13:17	
Copper	**11**	2.0	NA	1	B1L0884	12/28/2011	12/29/11 13:17	
Lead	**5.9**	1.0	NA	1	B1L0884	12/28/2011	12/29/11 13:17	
Molybdenum	ND	1.0	NA	1	B1L0884	12/28/2011	12/29/11 13:17	
Nickel	**13**	1.0	NA	1	B1L0884	12/28/2011	12/29/11 13:17	
Selenium	ND	1.0	NA	1	B1L0884	12/28/2011	12/29/11 13:17	
Silver	ND	1.0	NA	1	B1L0884	12/28/2011	12/29/11 13:17	
Thallium	ND	1.0	NA	1	B1L0884	12/28/2011	12/29/11 13:17	
Vanadium	**20**	1.0	NA	1	B1L0884	12/28/2011	12/29/11 13:17	
Zinc	**16**	1.0	NA	1	B1L0884	12/28/2011	12/29/11 13:17	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B1L0893	12/29/2011	12/29/11 19:21	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G510-0
Lab ID: 1100820-33

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0884	12/28/2011	12/29/11 13:20	
Arsenic	**3.7**	1.0	NA	1	B1L0884	12/28/2011	12/29/11 13:20	
Barium	**94**	1.0	NA	1	B1L0884	12/28/2011	12/29/11 13:20	
Beryllium	ND	1.0	NA	1	B1L0884	12/28/2011	12/29/11 13:20	
Cadmium	ND	1.0	NA	1	B1L0884	12/28/2011	12/29/11 13:20	
Chromium	**46**	1.0	NA	1	B1L0884	12/28/2011	12/29/11 13:20	
Cobalt	**6.8**	1.0	NA	1	B1L0884	12/28/2011	12/29/11 13:20	
Copper	**15**	2.0	NA	1	B1L0884	12/28/2011	12/29/11 13:20	
Lead	**4.3**	1.0	NA	1	B1L0884	12/28/2011	12/29/11 13:20	
Molybdenum	ND	1.0	NA	1	B1L0884	12/28/2011	12/29/11 13:20	
Nickel	**49**	1.0	NA	1	B1L0884	12/28/2011	12/29/11 13:20	
Selenium	ND	1.0	NA	1	B1L0884	12/28/2011	12/29/11 13:20	
Silver	ND	1.0	NA	1	B1L0884	12/28/2011	12/29/11 13:20	
Thallium	ND	1.0	NA	1	B1L0884	12/28/2011	12/29/11 13:20	
Vanadium	**31**	1.0	NA	1	B1L0884	12/28/2011	12/29/11 13:20	
Zinc	**44**	1.0	NA	1	B1L0884	12/28/2011	12/29/11 13:20	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B1L0893	12/29/2011	12/29/11 19:23	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G510-0.5
Lab ID: 1100820-34

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0884	12/28/2011	12/29/11 13:26	
Arsenic	**2.6**	1.0	NA	1	B1L0884	12/28/2011	12/29/11 13:26	
Barium	**110**	1.0	NA	1	B1L0884	12/28/2011	12/29/11 13:26	
Beryllium	ND	1.0	NA	1	B1L0884	12/28/2011	12/29/11 13:26	
Cadmium	ND	1.0	NA	1	B1L0884	12/28/2011	12/29/11 13:26	
Chromium	**36**	1.0	NA	1	B1L0884	12/28/2011	12/29/11 13:26	
Cobalt	**8.6**	1.0	NA	1	B1L0884	12/28/2011	12/29/11 13:26	
Copper	**41**	2.0	NA	1	B1L0884	12/28/2011	12/29/11 13:26	
Lead	**33**	1.0	NA	1	B1L0884	12/28/2011	12/29/11 13:26	
Molybdenum	**1.8**	1.0	NA	1	B1L0884	12/28/2011	12/29/11 13:26	
Nickel	**62**	1.0	NA	1	B1L0884	12/28/2011	12/29/11 13:26	
Selenium	ND	1.0	NA	1	B1L0884	12/28/2011	12/29/11 13:26	
Silver	ND	1.0	NA	1	B1L0884	12/28/2011	12/29/11 13:26	
Thallium	ND	1.0	NA	1	B1L0884	12/28/2011	12/29/11 13:26	
Vanadium	**24**	1.0	NA	1	B1L0884	12/28/2011	12/29/11 13:26	
Zinc	**240**	1.0	NA	1	B1L0884	12/28/2011	12/29/11 13:26	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B1L0893	12/29/2011	12/29/11 19:25	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G510-1.5
Lab ID: 1100820-35

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0884	12/28/2011	12/29/11 13:29	
Arsenic	**5.7**	1.0	NA	1	B1L0884	12/28/2011	12/29/11 13:29	
Barium	**140**	1.0	NA	1	B1L0884	12/28/2011	12/29/11 13:29	
Beryllium	ND	1.0	NA	1	B1L0884	12/28/2011	12/29/11 13:29	
Cadmium	ND	1.0	NA	1	B1L0884	12/28/2011	12/29/11 13:29	
Chromium	**21**	1.0	NA	1	B1L0884	12/28/2011	12/29/11 13:29	
Cobalt	**8.3**	1.0	NA	1	B1L0884	12/28/2011	12/29/11 13:29	
Copper	**18**	2.0	NA	1	B1L0884	12/28/2011	12/29/11 13:29	
Lead	**130**	1.0	NA	1	B1L0884	12/28/2011	12/29/11 13:29	
Molybdenum	ND	1.0	NA	1	B1L0884	12/28/2011	12/29/11 13:29	
Nickel	**33**	1.0	NA	1	B1L0884	12/28/2011	12/29/11 13:29	
Selenium	ND	1.0	NA	1	B1L0884	12/28/2011	12/29/11 13:29	
Silver	ND	1.0	NA	1	B1L0884	12/28/2011	12/29/11 13:29	
Thallium	ND	1.0	NA	1	B1L0884	12/28/2011	12/29/11 13:29	
Vanadium	**27**	1.0	NA	1	B1L0884	12/28/2011	12/29/11 13:29	
Zinc	**48**	1.0	NA	1	B1L0884	12/28/2011	12/29/11 13:29	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B1L0893	12/29/2011	12/29/11 19:26	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G510-2.5
Lab ID: 1100820-36

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0884	12/28/2011	12/29/11 13:31	
Arsenic	**6.7**	1.0	NA	1	B1L0884	12/28/2011	12/29/11 13:31	
Barium	**160**	1.0	NA	1	B1L0884	12/28/2011	12/29/11 13:31	
Beryllium	ND	1.0	NA	1	B1L0884	12/28/2011	12/29/11 13:31	
Cadmium	ND	1.0	NA	1	B1L0884	12/28/2011	12/29/11 13:31	
Chromium	**18**	1.0	NA	1	B1L0884	12/28/2011	12/29/11 13:31	
Cobalt	**9.4**	1.0	NA	1	B1L0884	12/28/2011	12/29/11 13:31	
Copper	**22**	2.0	NA	1	B1L0884	12/28/2011	12/29/11 13:31	
Lead	**10**	1.0	NA	1	B1L0884	12/28/2011	12/29/11 13:31	
Molybdenum	ND	1.0	NA	1	B1L0884	12/28/2011	12/29/11 13:31	
Nickel	**19**	1.0	NA	1	B1L0884	12/28/2011	12/29/11 13:31	
Selenium	ND	1.0	NA	1	B1L0884	12/28/2011	12/29/11 13:31	
Silver	ND	1.0	NA	1	B1L0884	12/28/2011	12/29/11 13:31	
Thallium	ND	1.0	NA	1	B1L0884	12/28/2011	12/29/11 13:31	
Vanadium	**33**	1.0	NA	1	B1L0884	12/28/2011	12/29/11 13:31	
Zinc	**47**	1.0	NA	1	B1L0884	12/28/2011	12/29/11 13:31	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B1L0893	12/29/2011	12/29/11 19:28	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G511-0
Lab ID: 1100820-37

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0884	12/28/2011	12/29/11 13:33	
Arsenic	**2.7**	1.0	NA	1	B1L0884	12/28/2011	12/29/11 13:33	
Barium	**84**	1.0	NA	1	B1L0884	12/28/2011	12/29/11 13:33	
Beryllium	ND	1.0	NA	1	B1L0884	12/28/2011	12/29/11 13:33	
Cadmium	ND	1.0	NA	1	B1L0884	12/28/2011	12/29/11 13:33	
Chromium	**39**	1.0	NA	1	B1L0884	12/28/2011	12/29/11 13:33	
Cobalt	**5.0**	1.0	NA	1	B1L0884	12/28/2011	12/29/11 13:33	
Copper	**13**	2.0	NA	1	B1L0884	12/28/2011	12/29/11 13:33	
Lead	**3.6**	1.0	NA	1	B1L0884	12/28/2011	12/29/11 13:33	
Molybdenum	ND	1.0	NA	1	B1L0884	12/28/2011	12/29/11 13:33	
Nickel	**37**	1.0	NA	1	B1L0884	12/28/2011	12/29/11 13:33	
Selenium	ND	1.0	NA	1	B1L0884	12/28/2011	12/29/11 13:33	
Silver	ND	1.0	NA	1	B1L0884	12/28/2011	12/29/11 13:33	
Thallium	ND	1.0	NA	1	B1L0884	12/28/2011	12/29/11 13:33	
Vanadium	**27**	1.0	NA	1	B1L0884	12/28/2011	12/29/11 13:33	
Zinc	**38**	1.0	NA	1	B1L0884	12/28/2011	12/29/11 13:33	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	**0.17**	0.10	NA	1	B1L0893	12/29/2011	12/29/11 19:30	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G511-0.5
Lab ID: 1100820-38

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0884	12/28/2011	12/29/11 13:36	
Arsenic	**2.3**	1.0	NA	1	B1L0884	12/28/2011	12/29/11 13:36	
Barium	**72**	1.0	NA	1	B1L0884	12/28/2011	12/29/11 13:36	
Beryllium	ND	1.0	NA	1	B1L0884	12/28/2011	12/29/11 13:36	
Cadmium	ND	1.0	NA	1	B1L0884	12/28/2011	12/29/11 13:36	
Chromium	**31**	1.0	NA	1	B1L0884	12/28/2011	12/29/11 13:36	
Cobalt	**6.1**	1.0	NA	1	B1L0884	12/28/2011	12/29/11 13:36	
Copper	**21**	2.0	NA	1	B1L0884	12/28/2011	12/29/11 13:36	
Lead	**19**	1.0	NA	1	B1L0884	12/28/2011	12/29/11 13:36	
Molybdenum	ND	1.0	NA	1	B1L0884	12/28/2011	12/29/11 13:36	
Nickel	**40**	1.0	NA	1	B1L0884	12/28/2011	12/29/11 13:36	
Selenium	ND	1.0	NA	1	B1L0884	12/28/2011	12/29/11 13:36	
Silver	ND	1.0	NA	1	B1L0884	12/28/2011	12/29/11 13:36	
Thallium	ND	1.0	NA	1	B1L0884	12/28/2011	12/29/11 13:36	
Vanadium	**20**	1.0	NA	1	B1L0884	12/28/2011	12/29/11 13:36	
Zinc	**95**	1.0	NA	1	B1L0884	12/28/2011	12/29/11 13:36	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B1L0893	12/29/2011	12/29/11 19:32	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G511-1.5
Lab ID: 1100820-39

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0884	12/28/2011	12/29/11 13:39	
Arsenic	**4.8**	1.0	NA	1	B1L0884	12/28/2011	12/29/11 13:39	
Barium	**51**	1.0	NA	1	B1L0884	12/28/2011	12/29/11 13:39	
Beryllium	ND	1.0	NA	1	B1L0884	12/28/2011	12/29/11 13:39	
Cadmium	ND	1.0	NA	1	B1L0884	12/28/2011	12/29/11 13:39	
Chromium	**37**	1.0	NA	1	B1L0884	12/28/2011	12/29/11 13:39	
Cobalt	**7.3**	1.0	NA	1	B1L0884	12/28/2011	12/29/11 13:39	
Copper	**9.1**	2.0	NA	1	B1L0884	12/28/2011	12/29/11 13:39	
Lead	**21**	1.0	NA	1	B1L0884	12/28/2011	12/29/11 13:39	
Molybdenum	ND	1.0	NA	1	B1L0884	12/28/2011	12/29/11 13:39	
Nickel	**61**	1.0	NA	1	B1L0884	12/28/2011	12/29/11 13:39	
Selenium	ND	1.0	NA	1	B1L0884	12/28/2011	12/29/11 13:39	
Silver	ND	1.0	NA	1	B1L0884	12/28/2011	12/29/11 13:39	
Thallium	ND	1.0	NA	1	B1L0884	12/28/2011	12/29/11 13:39	
Vanadium	**22**	1.0	NA	1	B1L0884	12/28/2011	12/29/11 13:39	
Zinc	**27**	1.0	NA	1	B1L0884	12/28/2011	12/29/11 13:39	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B1L0893	12/29/2011	12/29/11 19:38	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G511-2.5
Lab ID: 1100820-40

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0884	12/28/2011	12/29/11 13:41	
Arsenic	**6.8**	1.0	NA	1	B1L0884	12/28/2011	12/29/11 13:41	
Barium	**130**	1.0	NA	1	B1L0884	12/28/2011	12/29/11 13:41	
Beryllium	ND	1.0	NA	1	B1L0884	12/28/2011	12/29/11 13:41	
Cadmium	ND	1.0	NA	1	B1L0884	12/28/2011	12/29/11 13:41	
Chromium	**14**	1.0	NA	1	B1L0884	12/28/2011	12/29/11 13:41	
Cobalt	**5.8**	1.0	NA	1	B1L0884	12/28/2011	12/29/11 13:41	
Copper	**20**	2.0	NA	1	B1L0884	12/28/2011	12/29/11 13:41	
Lead	**9.7**	1.0	NA	1	B1L0884	12/28/2011	12/29/11 13:41	
Molybdenum	ND	1.0	NA	1	B1L0884	12/28/2011	12/29/11 13:41	
Nickel	**16**	1.0	NA	1	B1L0884	12/28/2011	12/29/11 13:41	
Selenium	ND	1.0	NA	1	B1L0884	12/28/2011	12/29/11 13:41	
Silver	ND	1.0	NA	1	B1L0884	12/28/2011	12/29/11 13:41	
Thallium	ND	1.0	NA	1	B1L0884	12/28/2011	12/29/11 13:41	
Vanadium	**28**	1.0	NA	1	B1L0884	12/28/2011	12/29/11 13:41	
Zinc	**38**	1.0	NA	1	B1L0884	12/28/2011	12/29/11 13:41	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B1L0893	12/29/2011	12/29/11 19:15	

pH by EPA 9045C

Analyst: LA

Analyte	Result (pH Units)	PQL (pH Units)	MDL (pH Units)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
pH	**7.2**	0.10	NA	1	B1L0953	12/29/2011	12/29/11 14:14	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G516-0
Lab ID: 1100820-41

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0885	12/28/2011	12/29/11 14:00	
Arsenic	**3.4**	1.0	NA	1	B1L0885	12/28/2011	12/29/11 14:00	
Barium	**48**	1.0	NA	1	B1L0885	12/28/2011	12/29/11 14:00	
Beryllium	ND	1.0	NA	1	B1L0885	12/28/2011	12/29/11 14:00	
Cadmium	ND	1.0	NA	1	B1L0885	12/28/2011	12/29/11 14:00	
Chromium	**15**	1.0	NA	1	B1L0885	12/28/2011	12/29/11 14:00	
Cobalt	**4.8**	1.0	NA	1	B1L0885	12/28/2011	12/29/11 14:00	
Copper	**8.2**	2.0	NA	1	B1L0885	12/28/2011	12/29/11 14:00	
Lead	**7.1**	1.0	NA	1	B1L0885	12/28/2011	12/29/11 14:00	
Molybdenum	ND	1.0	NA	1	B1L0885	12/28/2011	12/29/11 14:00	
Nickel	**20**	1.0	NA	1	B1L0885	12/28/2011	12/29/11 14:00	
Selenium	ND	1.0	NA	1	B1L0885	12/28/2011	12/29/11 14:00	
Silver	ND	1.0	NA	1	B1L0885	12/28/2011	12/29/11 14:00	
Thallium	ND	1.0	NA	1	B1L0885	12/28/2011	12/29/11 14:00	
Vanadium	**19**	1.0	NA	1	B1L0885	12/28/2011	12/29/11 14:00	
Zinc	**25**	1.0	NA	1	B1L0885	12/28/2011	12/29/11 14:00	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B1L0894	12/28/2011	12/30/11 12:55	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G516-0.5
Lab ID: 1100820-42

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0885	12/28/2011	12/29/11 14:02	
Arsenic	**4.5**	1.0	NA	1	B1L0885	12/28/2011	12/29/11 14:02	
Barium	**110**	1.0	NA	1	B1L0885	12/28/2011	12/29/11 14:02	
Beryllium	ND	1.0	NA	1	B1L0885	12/28/2011	12/29/11 14:02	
Cadmium	ND	1.0	NA	1	B1L0885	12/28/2011	12/29/11 14:02	
Chromium	**20**	1.0	NA	1	B1L0885	12/28/2011	12/29/11 14:02	
Cobalt	**7.2**	1.0	NA	1	B1L0885	12/28/2011	12/29/11 14:02	
Copper	**16**	2.0	NA	1	B1L0885	12/28/2011	12/29/11 14:02	
Lead	**95**	1.0	NA	1	B1L0885	12/28/2011	12/29/11 14:02	
Molybdenum	ND	1.0	NA	1	B1L0885	12/28/2011	12/29/11 14:02	
Nickel	**30**	1.0	NA	1	B1L0885	12/28/2011	12/29/11 14:02	
Selenium	ND	1.0	NA	1	B1L0885	12/28/2011	12/29/11 14:02	
Silver	ND	1.0	NA	1	B1L0885	12/28/2011	12/29/11 14:02	
Thallium	ND	1.0	NA	1	B1L0885	12/28/2011	12/29/11 14:02	
Vanadium	**25**	1.0	NA	1	B1L0885	12/28/2011	12/29/11 14:02	
Zinc	**46**	1.0	NA	1	B1L0885	12/28/2011	12/29/11 14:02	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B1L0894	12/28/2011	12/30/11 12:57	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G516-1.5
Lab ID: 1100820-43

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0885	12/28/2011	12/29/11 14:05	
Arsenic	**4.6**	1.0	NA	1	B1L0885	12/28/2011	12/29/11 14:05	
Barium	**190**	1.0	NA	1	B1L0885	12/28/2011	12/29/11 14:05	
Beryllium	ND	1.0	NA	1	B1L0885	12/28/2011	12/29/11 14:05	
Cadmium	ND	1.0	NA	1	B1L0885	12/28/2011	12/29/11 14:05	
Chromium	**15**	1.0	NA	1	B1L0885	12/28/2011	12/29/11 14:05	
Cobalt	**11**	1.0	NA	1	B1L0885	12/28/2011	12/29/11 14:05	
Copper	**18**	2.0	NA	1	B1L0885	12/28/2011	12/29/11 14:05	
Lead	**21**	1.0	NA	1	B1L0885	12/28/2011	12/29/11 14:05	
Molybdenum	ND	1.0	NA	1	B1L0885	12/28/2011	12/29/11 14:05	
Nickel	**18**	1.0	NA	1	B1L0885	12/28/2011	12/29/11 14:05	
Selenium	ND	1.0	NA	1	B1L0885	12/28/2011	12/29/11 14:05	
Silver	ND	1.0	NA	1	B1L0885	12/28/2011	12/29/11 14:05	
Thallium	ND	1.0	NA	1	B1L0885	12/28/2011	12/29/11 14:05	
Vanadium	**31**	1.0	NA	1	B1L0885	12/28/2011	12/29/11 14:05	
Zinc	**39**	1.0	NA	1	B1L0885	12/28/2011	12/29/11 14:05	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B1L0894	12/28/2011	12/30/11 12:59	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G516-2.5
Lab ID: 1100820-44

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0885	12/28/2011	12/29/11 14:07	
Arsenic	**2.7**	1.0	NA	1	B1L0885	12/28/2011	12/29/11 14:07	
Barium	**96**	1.0	NA	1	B1L0885	12/28/2011	12/29/11 14:07	
Beryllium	ND	1.0	NA	1	B1L0885	12/28/2011	12/29/11 14:07	
Cadmium	ND	1.0	NA	1	B1L0885	12/28/2011	12/29/11 14:07	
Chromium	**9.1**	1.0	NA	1	B1L0885	12/28/2011	12/29/11 14:07	
Cobalt	**8.3**	1.0	NA	1	B1L0885	12/28/2011	12/29/11 14:07	
Copper	**10**	2.0	NA	1	B1L0885	12/28/2011	12/29/11 14:07	
Lead	**6.4**	1.0	NA	1	B1L0885	12/28/2011	12/29/11 14:07	
Molybdenum	ND	1.0	NA	1	B1L0885	12/28/2011	12/29/11 14:07	
Nickel	**10**	1.0	NA	1	B1L0885	12/28/2011	12/29/11 14:07	
Selenium	ND	1.0	NA	1	B1L0885	12/28/2011	12/29/11 14:07	
Silver	ND	1.0	NA	1	B1L0885	12/28/2011	12/29/11 14:07	
Thallium	ND	1.0	NA	1	B1L0885	12/28/2011	12/29/11 14:07	
Vanadium	**23**	1.0	NA	1	B1L0885	12/28/2011	12/29/11 14:07	
Zinc	**17**	1.0	NA	1	B1L0885	12/28/2011	12/29/11 14:07	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B1L0894	12/28/2011	12/30/11 13:01	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G517-0
Lab ID: 1100820-45

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0885	12/28/2011	12/29/11 14:10	
Arsenic	**4.6**	1.0	NA	1	B1L0885	12/28/2011	12/29/11 14:10	
Barium	**76**	1.0	NA	1	B1L0885	12/28/2011	12/29/11 14:10	
Beryllium	ND	1.0	NA	1	B1L0885	12/28/2011	12/29/11 14:10	
Cadmium	ND	1.0	NA	1	B1L0885	12/28/2011	12/29/11 14:10	
Chromium	**19**	1.0	NA	1	B1L0885	12/28/2011	12/29/11 14:10	
Cobalt	**6.0**	1.0	NA	1	B1L0885	12/28/2011	12/29/11 14:10	
Copper	**17**	2.0	NA	1	B1L0885	12/28/2011	12/29/11 14:10	
Lead	**33**	1.0	NA	1	B1L0885	12/28/2011	12/29/11 14:10	
Molybdenum	ND	1.0	NA	1	B1L0885	12/28/2011	12/29/11 14:10	
Nickel	**24**	1.0	NA	1	B1L0885	12/28/2011	12/29/11 14:10	
Selenium	ND	1.0	NA	1	B1L0885	12/28/2011	12/29/11 14:10	
Silver	ND	1.0	NA	1	B1L0885	12/28/2011	12/29/11 14:10	
Thallium	ND	1.0	NA	1	B1L0885	12/28/2011	12/29/11 14:10	
Vanadium	**22**	1.0	NA	1	B1L0885	12/28/2011	12/29/11 14:10	
Zinc	**84**	1.0	NA	1	B1L0885	12/28/2011	12/29/11 14:10	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B1L0894	12/28/2011	12/30/11 13:07	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G517-0.5
Lab ID: 1100820-46

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0885	12/28/2011	12/29/11 14:13	
Arsenic	**5.0**	1.0	NA	1	B1L0885	12/28/2011	12/29/11 14:13	
Barium	**110**	1.0	NA	1	B1L0885	12/28/2011	12/29/11 14:13	
Beryllium	ND	1.0	NA	1	B1L0885	12/28/2011	12/29/11 14:13	
Cadmium	ND	1.0	NA	1	B1L0885	12/28/2011	12/29/11 14:13	
Chromium	**26**	1.0	NA	1	B1L0885	12/28/2011	12/29/11 14:13	
Cobalt	**9.2**	1.0	NA	1	B1L0885	12/28/2011	12/29/11 14:13	
Copper	**16**	2.0	NA	1	B1L0885	12/28/2011	12/29/11 14:13	
Lead	**99**	1.0	NA	1	B1L0885	12/28/2011	12/29/11 14:13	
Molybdenum	ND	1.0	NA	1	B1L0885	12/28/2011	12/29/11 14:13	
Nickel	**38**	1.0	NA	1	B1L0885	12/28/2011	12/29/11 14:13	
Selenium	ND	1.0	NA	1	B1L0885	12/28/2011	12/29/11 14:13	
Silver	ND	1.0	NA	1	B1L0885	12/28/2011	12/29/11 14:13	
Thallium	ND	1.0	NA	1	B1L0885	12/28/2011	12/29/11 14:13	
Vanadium	**25**	1.0	NA	1	B1L0885	12/28/2011	12/29/11 14:13	
Zinc	**47**	1.0	NA	1	B1L0885	12/28/2011	12/29/11 14:13	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B1L0894	12/28/2011	12/30/11 13:09	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G517-1.5
Lab ID: 1100820-47

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0885	12/28/2011	12/29/11 14:15	
Arsenic	**6.4**	1.0	NA	1	B1L0885	12/28/2011	12/29/11 14:15	
Barium	**140**	1.0	NA	1	B1L0885	12/28/2011	12/29/11 14:15	
Beryllium	ND	1.0	NA	1	B1L0885	12/28/2011	12/29/11 14:15	
Cadmium	ND	1.0	NA	1	B1L0885	12/28/2011	12/29/11 14:15	
Chromium	**19**	1.0	NA	1	B1L0885	12/28/2011	12/29/11 14:15	
Cobalt	**6.9**	1.0	NA	1	B1L0885	12/28/2011	12/29/11 14:15	
Copper	**19**	2.0	NA	1	B1L0885	12/28/2011	12/29/11 14:15	
Lead	**150**	1.0	NA	1	B1L0885	12/28/2011	12/29/11 14:15	
Molybdenum	ND	1.0	NA	1	B1L0885	12/28/2011	12/29/11 14:15	
Nickel	**22**	1.0	NA	1	B1L0885	12/28/2011	12/29/11 14:15	
Selenium	ND	1.0	NA	1	B1L0885	12/28/2011	12/29/11 14:15	
Silver	ND	1.0	NA	1	B1L0885	12/28/2011	12/29/11 14:15	
Thallium	ND	1.0	NA	1	B1L0885	12/28/2011	12/29/11 14:15	
Vanadium	**27**	1.0	NA	1	B1L0885	12/28/2011	12/29/11 14:15	
Zinc	**67**	1.0	NA	1	B1L0885	12/28/2011	12/29/11 14:15	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B1L0894	12/28/2011	12/30/11 13:11	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G517-2.5
Lab ID: 1100820-48

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0885	12/28/2011	12/29/11 14:18	
Arsenic	**4.7**	1.0	NA	1	B1L0885	12/28/2011	12/29/11 14:18	
Barium	**140**	1.0	NA	1	B1L0885	12/28/2011	12/29/11 14:18	
Beryllium	ND	1.0	NA	1	B1L0885	12/28/2011	12/29/11 14:18	
Cadmium	ND	1.0	NA	1	B1L0885	12/28/2011	12/29/11 14:18	
Chromium	**13**	1.0	NA	1	B1L0885	12/28/2011	12/29/11 14:18	
Cobalt	**15**	1.0	NA	1	B1L0885	12/28/2011	12/29/11 14:18	
Copper	**16**	2.0	NA	1	B1L0885	12/28/2011	12/29/11 14:18	
Lead	**85**	1.0	NA	1	B1L0885	12/28/2011	12/29/11 14:18	
Molybdenum	ND	1.0	NA	1	B1L0885	12/28/2011	12/29/11 14:18	
Nickel	**19**	1.0	NA	1	B1L0885	12/28/2011	12/29/11 14:18	
Selenium	ND	1.0	NA	1	B1L0885	12/28/2011	12/29/11 14:18	
Silver	ND	1.0	NA	1	B1L0885	12/28/2011	12/29/11 14:18	
Thallium	ND	1.0	NA	1	B1L0885	12/28/2011	12/29/11 14:18	
Vanadium	**27**	1.0	NA	1	B1L0885	12/28/2011	12/29/11 14:18	
Zinc	**40**	1.0	NA	1	B1L0885	12/28/2011	12/29/11 14:18	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B1L0894	12/28/2011	12/30/11 13:13	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G514-0
Lab ID: 1100820-49

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0885	12/28/2011	12/29/11 14:25	
Arsenic	**2.1**	1.0	NA	1	B1L0885	12/28/2011	12/29/11 14:25	
Barium	**70**	1.0	NA	1	B1L0885	12/28/2011	12/29/11 14:25	
Beryllium	ND	1.0	NA	1	B1L0885	12/28/2011	12/29/11 14:25	
Cadmium	ND	1.0	NA	1	B1L0885	12/28/2011	12/29/11 14:25	
Chromium	**26**	1.0	NA	1	B1L0885	12/28/2011	12/29/11 14:25	
Cobalt	**5.1**	1.0	NA	1	B1L0885	12/28/2011	12/29/11 14:25	
Copper	**11**	2.0	NA	1	B1L0885	12/28/2011	12/29/11 14:25	
Lead	**3.0**	1.0	NA	1	B1L0885	12/28/2011	12/29/11 14:25	
Molybdenum	ND	1.0	NA	1	B1L0885	12/28/2011	12/29/11 14:25	
Nickel	**36**	1.0	NA	1	B1L0885	12/28/2011	12/29/11 14:25	
Selenium	ND	1.0	NA	1	B1L0885	12/28/2011	12/29/11 14:25	
Silver	ND	1.0	NA	1	B1L0885	12/28/2011	12/29/11 14:25	
Thallium	ND	1.0	NA	1	B1L0885	12/28/2011	12/29/11 14:25	
Vanadium	**25**	1.0	NA	1	B1L0885	12/28/2011	12/29/11 14:25	
Zinc	**47**	1.0	NA	1	B1L0885	12/28/2011	12/29/11 14:25	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B1L0894	12/28/2011	12/30/11 13:15	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G514-0.5
Lab ID: 1100820-50

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0885	12/28/2011	12/29/11 14:28	
Arsenic	**4.0**	1.0	NA	1	B1L0885	12/28/2011	12/29/11 14:28	
Barium	**63**	1.0	NA	1	B1L0885	12/28/2011	12/29/11 14:28	
Beryllium	ND	1.0	NA	1	B1L0885	12/28/2011	12/29/11 14:28	
Cadmium	ND	1.0	NA	1	B1L0885	12/28/2011	12/29/11 14:28	
Chromium	**18**	1.0	NA	1	B1L0885	12/28/2011	12/29/11 14:28	
Cobalt	**6.7**	1.0	NA	1	B1L0885	12/28/2011	12/29/11 14:28	
Copper	**10**	2.0	NA	1	B1L0885	12/28/2011	12/29/11 14:28	
Lead	**11**	1.0	NA	1	B1L0885	12/28/2011	12/29/11 14:28	
Molybdenum	ND	1.0	NA	1	B1L0885	12/28/2011	12/29/11 14:28	
Nickel	**29**	1.0	NA	1	B1L0885	12/28/2011	12/29/11 14:28	
Selenium	ND	1.0	NA	1	B1L0885	12/28/2011	12/29/11 14:28	
Silver	ND	1.0	NA	1	B1L0885	12/28/2011	12/29/11 14:28	
Thallium	ND	1.0	NA	1	B1L0885	12/28/2011	12/29/11 14:28	
Vanadium	**22**	1.0	NA	1	B1L0885	12/28/2011	12/29/11 14:28	
Zinc	**28**	1.0	NA	1	B1L0885	12/28/2011	12/29/11 14:28	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B1L0894	12/28/2011	12/30/11 12:50	

pH by EPA 9045C

Analyst: LA

Analyte	Result (pH Units)	PQL (pH Units)	MDL (pH Units)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
pH	**8.4**	0.10	NA	1	B1L0953	12/29/2011	12/29/11 14:14	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G514-1.5
Lab ID: 1100820-51

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0886	12/28/2011	12/29/11 14:42	
Arsenic	**2.9**	1.0	NA	1	B1L0886	12/28/2011	12/29/11 14:42	
Barium	**20**	1.0	NA	1	B1L0886	12/28/2011	12/29/11 14:42	
Beryllium	ND	1.0	NA	1	B1L0886	12/28/2011	12/29/11 14:42	
Cadmium	ND	1.0	NA	1	B1L0886	12/28/2011	12/29/11 14:42	
Chromium	**15**	1.0	NA	1	B1L0886	12/28/2011	12/29/11 14:42	
Cobalt	**4.1**	1.0	NA	1	B1L0886	12/28/2011	12/29/11 14:42	
Copper	**3.9**	2.0	NA	1	B1L0886	12/28/2011	12/29/11 14:42	
Lead	**3.2**	1.0	NA	1	B1L0886	12/28/2011	12/29/11 14:42	
Molybdenum	ND	1.0	NA	1	B1L0886	12/28/2011	12/29/11 14:42	
Nickel	**12**	1.0	NA	1	B1L0886	12/28/2011	12/29/11 14:42	
Selenium	ND	1.0	NA	1	B1L0886	12/28/2011	12/29/11 14:42	
Silver	ND	1.0	NA	1	B1L0886	12/28/2011	12/29/11 14:42	
Thallium	ND	1.0	NA	1	B1L0886	12/28/2011	12/29/11 14:42	
Vanadium	**15**	1.0	NA	1	B1L0886	12/28/2011	12/29/11 14:42	
Zinc	**18**	1.0	NA	1	B1L0886	12/28/2011	12/29/11 14:42	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B1L0896	12/28/2011	12/30/11 13:41	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G514-2.5
Lab ID: 1100820-52

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0886	12/28/2011	12/29/11 14:44	
Arsenic	**5.7**	1.0	NA	1	B1L0886	12/28/2011	12/29/11 14:44	
Barium	**140**	1.0	NA	1	B1L0886	12/28/2011	12/29/11 14:44	
Beryllium	ND	1.0	NA	1	B1L0886	12/28/2011	12/29/11 14:44	
Cadmium	ND	1.0	NA	1	B1L0886	12/28/2011	12/29/11 14:44	
Chromium	**14**	1.0	NA	1	B1L0886	12/28/2011	12/29/11 14:44	
Cobalt	**7.6**	1.0	NA	1	B1L0886	12/28/2011	12/29/11 14:44	
Copper	**16**	2.0	NA	1	B1L0886	12/28/2011	12/29/11 14:44	
Lead	**10**	1.0	NA	1	B1L0886	12/28/2011	12/29/11 14:44	
Molybdenum	ND	1.0	NA	1	B1L0886	12/28/2011	12/29/11 14:44	
Nickel	**15**	1.0	NA	1	B1L0886	12/28/2011	12/29/11 14:44	
Selenium	ND	1.0	NA	1	B1L0886	12/28/2011	12/29/11 14:44	
Silver	ND	1.0	NA	1	B1L0886	12/28/2011	12/29/11 14:44	
Thallium	ND	1.0	NA	1	B1L0886	12/28/2011	12/29/11 14:44	
Vanadium	**28**	1.0	NA	1	B1L0886	12/28/2011	12/29/11 14:44	
Zinc	**35**	1.0	NA	1	B1L0886	12/28/2011	12/29/11 14:44	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B1L0896	12/28/2011	12/30/11 13:43	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G515-0
Lab ID: 1100820-53

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0886	12/28/2011	12/29/11 14:47	
Arsenic	**2.7**	1.0	NA	1	B1L0886	12/28/2011	12/29/11 14:47	
Barium	**96**	1.0	NA	1	B1L0886	12/28/2011	12/29/11 14:47	
Beryllium	ND	1.0	NA	1	B1L0886	12/28/2011	12/29/11 14:47	
Cadmium	ND	1.0	NA	1	B1L0886	12/28/2011	12/29/11 14:47	
Chromium	**41**	1.0	NA	1	B1L0886	12/28/2011	12/29/11 14:47	
Cobalt	**7.5**	1.0	NA	1	B1L0886	12/28/2011	12/29/11 14:47	
Copper	**19**	2.0	NA	1	B1L0886	12/28/2011	12/29/11 14:47	
Lead	**10**	1.0	NA	1	B1L0886	12/28/2011	12/29/11 14:47	
Molybdenum	ND	1.0	NA	1	B1L0886	12/28/2011	12/29/11 14:47	
Nickel	**51**	1.0	NA	1	B1L0886	12/28/2011	12/29/11 14:47	
Selenium	ND	1.0	NA	1	B1L0886	12/28/2011	12/29/11 14:47	
Silver	ND	1.0	NA	1	B1L0886	12/28/2011	12/29/11 14:47	
Thallium	ND	1.0	NA	1	B1L0886	12/28/2011	12/29/11 14:47	
Vanadium	**37**	1.0	NA	1	B1L0886	12/28/2011	12/29/11 14:47	
Zinc	**46**	1.0	NA	1	B1L0886	12/28/2011	12/29/11 14:47	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	**0.87**	0.10	NA	1	B1L0896	12/28/2011	12/30/11 13:45	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G515-0.5
Lab ID: 1100820-54

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0886	12/28/2011	12/29/11 14:53	
Arsenic	**3.2**	1.0	NA	1	B1L0886	12/28/2011	12/29/11 14:53	
Barium	**43**	1.0	NA	1	B1L0886	12/28/2011	12/29/11 14:53	
Beryllium	ND	1.0	NA	1	B1L0886	12/28/2011	12/29/11 14:53	
Cadmium	ND	1.0	NA	1	B1L0886	12/28/2011	12/29/11 14:53	
Chromium	**24**	1.0	NA	1	B1L0886	12/28/2011	12/29/11 14:53	
Cobalt	**5.5**	1.0	NA	1	B1L0886	12/28/2011	12/29/11 14:53	
Copper	**8.9**	2.0	NA	1	B1L0886	12/28/2011	12/29/11 14:53	
Lead	**17**	1.0	NA	1	B1L0886	12/28/2011	12/29/11 14:53	
Molybdenum	ND	1.0	NA	1	B1L0886	12/28/2011	12/29/11 14:53	
Nickel	**31**	1.0	NA	1	B1L0886	12/28/2011	12/29/11 14:53	
Selenium	ND	1.0	NA	1	B1L0886	12/28/2011	12/29/11 14:53	
Silver	ND	1.0	NA	1	B1L0886	12/28/2011	12/29/11 14:53	
Thallium	ND	1.0	NA	1	B1L0886	12/28/2011	12/29/11 14:53	
Vanadium	**20**	1.0	NA	1	B1L0886	12/28/2011	12/29/11 14:53	
Zinc	**29**	1.0	NA	1	B1L0886	12/28/2011	12/29/11 14:53	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	**0.89**	0.10	NA	1	B1L0896	12/28/2011	12/30/11 13:47	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G515-1.5
Lab ID: 1100820-55

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0886	12/28/2011	12/29/11 14:56	
Arsenic	**5.0**	1.0	NA	1	B1L0886	12/28/2011	12/29/11 14:56	
Barium	**98**	1.0	NA	1	B1L0886	12/28/2011	12/29/11 14:56	
Beryllium	ND	1.0	NA	1	B1L0886	12/28/2011	12/29/11 14:56	
Cadmium	ND	1.0	NA	1	B1L0886	12/28/2011	12/29/11 14:56	
Chromium	**40**	1.0	NA	1	B1L0886	12/28/2011	12/29/11 14:56	
Cobalt	**10**	1.0	NA	1	B1L0886	12/28/2011	12/29/11 14:56	
Copper	**16**	2.0	NA	1	B1L0886	12/28/2011	12/29/11 14:56	
Lead	**70**	1.0	NA	1	B1L0886	12/28/2011	12/29/11 14:56	
Molybdenum	ND	1.0	NA	1	B1L0886	12/28/2011	12/29/11 14:56	
Nickel	**67**	1.0	NA	1	B1L0886	12/28/2011	12/29/11 14:56	
Selenium	ND	1.0	NA	1	B1L0886	12/28/2011	12/29/11 14:56	
Silver	ND	1.0	NA	1	B1L0886	12/28/2011	12/29/11 14:56	
Thallium	ND	1.0	NA	1	B1L0886	12/28/2011	12/29/11 14:56	
Vanadium	**27**	1.0	NA	1	B1L0886	12/28/2011	12/29/11 14:56	
Zinc	**45**	1.0	NA	1	B1L0886	12/28/2011	12/29/11 14:56	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B1L0896	12/28/2011	12/30/11 13:49	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G515-2.5
Lab ID: 1100820-56

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0886	12/28/2011	12/29/11 14:58	
Arsenic	**5.7**	1.0	NA	1	B1L0886	12/28/2011	12/29/11 14:58	
Barium	**150**	1.0	NA	1	B1L0886	12/28/2011	12/29/11 14:58	
Beryllium	ND	1.0	NA	1	B1L0886	12/28/2011	12/29/11 14:58	
Cadmium	ND	1.0	NA	1	B1L0886	12/28/2011	12/29/11 14:58	
Chromium	**14**	1.0	NA	1	B1L0886	12/28/2011	12/29/11 14:58	
Cobalt	**9.2**	1.0	NA	1	B1L0886	12/28/2011	12/29/11 14:58	
Copper	**17**	2.0	NA	1	B1L0886	12/28/2011	12/29/11 14:58	
Lead	**11**	1.0	NA	1	B1L0886	12/28/2011	12/29/11 14:58	
Molybdenum	ND	1.0	NA	1	B1L0886	12/28/2011	12/29/11 14:58	
Nickel	**16**	1.0	NA	1	B1L0886	12/28/2011	12/29/11 14:58	
Selenium	ND	1.0	NA	1	B1L0886	12/28/2011	12/29/11 14:58	
Silver	ND	1.0	NA	1	B1L0886	12/28/2011	12/29/11 14:58	
Thallium	ND	1.0	NA	1	B1L0886	12/28/2011	12/29/11 14:58	
Vanadium	**29**	1.0	NA	1	B1L0886	12/28/2011	12/29/11 14:58	
Zinc	**36**	1.0	NA	1	B1L0886	12/28/2011	12/29/11 14:58	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	**0.12**	0.10	NA	1	B1L0896	12/28/2011	12/30/11 13:51	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G518-0
Lab ID: 1100820-57

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0886	12/28/2011	12/29/11 15:01	
Arsenic	**2.5**	1.0	NA	1	B1L0886	12/28/2011	12/29/11 15:01	
Barium	**88**	1.0	NA	1	B1L0886	12/28/2011	12/29/11 15:01	
Beryllium	ND	1.0	NA	1	B1L0886	12/28/2011	12/29/11 15:01	
Cadmium	ND	1.0	NA	1	B1L0886	12/28/2011	12/29/11 15:01	
Chromium	**43**	1.0	NA	1	B1L0886	12/28/2011	12/29/11 15:01	
Cobalt	**7.7**	1.0	NA	1	B1L0886	12/28/2011	12/29/11 15:01	
Copper	**15**	2.0	NA	1	B1L0886	12/28/2011	12/29/11 15:01	
Lead	**4.7**	1.0	NA	1	B1L0886	12/28/2011	12/29/11 15:01	
Molybdenum	ND	1.0	NA	1	B1L0886	12/28/2011	12/29/11 15:01	
Nickel	**69**	1.0	NA	1	B1L0886	12/28/2011	12/29/11 15:01	
Selenium	ND	1.0	NA	1	B1L0886	12/28/2011	12/29/11 15:01	
Silver	ND	1.0	NA	1	B1L0886	12/28/2011	12/29/11 15:01	
Thallium	ND	1.0	NA	1	B1L0886	12/28/2011	12/29/11 15:01	
Vanadium	**32**	1.0	NA	1	B1L0886	12/28/2011	12/29/11 15:01	
Zinc	**35**	1.0	NA	1	B1L0886	12/28/2011	12/29/11 15:01	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B1L0896	12/28/2011	12/30/11 13:53	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G518-0.5
Lab ID: 1100820-58

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0886	12/28/2011	12/29/11 15:03	
Arsenic	**3.0**	1.0	NA	1	B1L0886	12/28/2011	12/29/11 15:03	
Barium	**24**	1.0	NA	1	B1L0886	12/28/2011	12/29/11 15:03	
Beryllium	ND	1.0	NA	1	B1L0886	12/28/2011	12/29/11 15:03	
Cadmium	ND	1.0	NA	1	B1L0886	12/28/2011	12/29/11 15:03	
Chromium	**9.6**	1.0	NA	1	B1L0886	12/28/2011	12/29/11 15:03	
Cobalt	**5.2**	1.0	NA	1	B1L0886	12/28/2011	12/29/11 15:03	
Copper	**4.2**	2.0	NA	1	B1L0886	12/28/2011	12/29/11 15:03	
Lead	**2.5**	1.0	NA	1	B1L0886	12/28/2011	12/29/11 15:03	
Molybdenum	ND	1.0	NA	1	B1L0886	12/28/2011	12/29/11 15:03	
Nickel	**15**	1.0	NA	1	B1L0886	12/28/2011	12/29/11 15:03	
Selenium	ND	1.0	NA	1	B1L0886	12/28/2011	12/29/11 15:03	
Silver	ND	1.0	NA	1	B1L0886	12/28/2011	12/29/11 15:03	
Thallium	ND	1.0	NA	1	B1L0886	12/28/2011	12/29/11 15:03	
Vanadium	**15**	1.0	NA	1	B1L0886	12/28/2011	12/29/11 15:03	
Zinc	**20**	1.0	NA	1	B1L0886	12/28/2011	12/29/11 15:03	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B1L0896	12/28/2011	12/30/11 13:55	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G518-1.5
Lab ID: 1100820-59

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0886	12/28/2011	12/29/11 15:06	
Arsenic	**4.8**	1.0	NA	1	B1L0886	12/28/2011	12/29/11 15:06	
Barium	**170**	1.0	NA	1	B1L0886	12/28/2011	12/29/11 15:06	
Beryllium	ND	1.0	NA	1	B1L0886	12/28/2011	12/29/11 15:06	
Cadmium	ND	1.0	NA	1	B1L0886	12/28/2011	12/29/11 15:06	
Chromium	**32**	1.0	NA	1	B1L0886	12/28/2011	12/29/11 15:06	
Cobalt	**12**	1.0	NA	1	B1L0886	12/28/2011	12/29/11 15:06	
Copper	**18**	2.0	NA	1	B1L0886	12/28/2011	12/29/11 15:06	
Lead	**120**	1.0	NA	1	B1L0886	12/28/2011	12/29/11 15:06	
Molybdenum	ND	1.0	NA	1	B1L0886	12/28/2011	12/29/11 15:06	
Nickel	**62**	1.0	NA	1	B1L0886	12/28/2011	12/29/11 15:06	
Selenium	ND	1.0	NA	1	B1L0886	12/28/2011	12/29/11 15:06	
Silver	ND	1.0	NA	1	B1L0886	12/28/2011	12/29/11 15:06	
Thallium	ND	1.0	NA	1	B1L0886	12/28/2011	12/29/11 15:06	
Vanadium	**33**	1.0	NA	1	B1L0886	12/28/2011	12/29/11 15:06	
Zinc	**55**	1.0	NA	1	B1L0886	12/28/2011	12/29/11 15:06	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B1L0896	12/28/2011	12/30/11 14:01	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G518-2.5
Lab ID: 1100820-60

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0886	12/28/2011	12/29/11 15:08	
Arsenic	**6.3**	1.0	NA	1	B1L0886	12/28/2011	12/29/11 15:08	
Barium	**180**	1.0	NA	1	B1L0886	12/28/2011	12/29/11 15:08	
Beryllium	ND	1.0	NA	1	B1L0886	12/28/2011	12/29/11 15:08	
Cadmium	ND	1.0	NA	1	B1L0886	12/28/2011	12/29/11 15:08	
Chromium	**13**	1.0	NA	1	B1L0886	12/28/2011	12/29/11 15:08	
Cobalt	**6.3**	1.0	NA	1	B1L0886	12/28/2011	12/29/11 15:08	
Copper	**19**	2.0	NA	1	B1L0886	12/28/2011	12/29/11 15:08	
Lead	**30**	1.0	NA	1	B1L0886	12/28/2011	12/29/11 15:08	
Molybdenum	ND	1.0	NA	1	B1L0886	12/28/2011	12/29/11 15:08	
Nickel	**16**	1.0	NA	1	B1L0886	12/28/2011	12/29/11 15:08	
Selenium	ND	1.0	NA	1	B1L0886	12/28/2011	12/29/11 15:08	
Silver	ND	1.0	NA	1	B1L0886	12/28/2011	12/29/11 15:08	
Thallium	ND	1.0	NA	1	B1L0886	12/28/2011	12/29/11 15:08	
Vanadium	**29**	1.0	NA	1	B1L0886	12/28/2011	12/29/11 15:08	
Zinc	**40**	1.0	NA	1	B1L0886	12/28/2011	12/29/11 15:08	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B1L0896	12/28/2011	12/30/11 13:36	

pH by EPA 9045C

Analyst: LA

Analyte	Result (pH Units)	PQL (pH Units)	MDL (pH Units)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
pH	**7.1**	0.10	NA	1	B1L0953	12/29/2011	12/29/11 14:14	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G519-0
Lab ID: 1100820-61

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0887	12/28/2011	12/29/11 15:27	
Arsenic	**2.7**	1.0	NA	1	B1L0887	12/28/2011	12/29/11 15:27	
Barium	**67**	1.0	NA	1	B1L0887	12/28/2011	12/29/11 15:27	
Beryllium	ND	1.0	NA	1	B1L0887	12/28/2011	12/29/11 15:27	
Cadmium	ND	1.0	NA	1	B1L0887	12/28/2011	12/29/11 15:27	
Chromium	**28**	1.0	NA	1	B1L0887	12/28/2011	12/29/11 15:27	
Cobalt	**6.2**	1.0	NA	1	B1L0887	12/28/2011	12/29/11 15:27	
Copper	**24**	2.0	NA	1	B1L0887	12/28/2011	12/29/11 15:27	
Lead	**16**	1.0	NA	1	B1L0887	12/28/2011	12/29/11 15:27	
Molybdenum	ND	1.0	NA	1	B1L0887	12/28/2011	12/29/11 15:27	
Nickel	**42**	1.0	NA	1	B1L0887	12/28/2011	12/29/11 15:27	
Selenium	ND	1.0	NA	1	B1L0887	12/28/2011	12/29/11 15:27	
Silver	ND	1.0	NA	1	B1L0887	12/28/2011	12/29/11 15:27	
Thallium	ND	1.0	NA	1	B1L0887	12/28/2011	12/29/11 15:27	
Vanadium	**26**	1.0	NA	1	B1L0887	12/28/2011	12/29/11 15:27	
Zinc	**110**	1.0	NA	1	B1L0887	12/28/2011	12/29/11 15:27	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B1L0897	12/28/2011	12/30/11 12:53	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G519-0.5
Lab ID: 1100820-62

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0887	12/28/2011	12/29/11 15:29	
Arsenic	**3.2**	1.0	NA	1	B1L0887	12/28/2011	12/29/11 15:29	
Barium	**47**	1.0	NA	1	B1L0887	12/28/2011	12/29/11 15:29	
Beryllium	ND	1.0	NA	1	B1L0887	12/28/2011	12/29/11 15:29	
Cadmium	ND	1.0	NA	1	B1L0887	12/28/2011	12/29/11 15:29	
Chromium	**23**	1.0	NA	1	B1L0887	12/28/2011	12/29/11 15:29	
Cobalt	**6.6**	1.0	NA	1	B1L0887	12/28/2011	12/29/11 15:29	
Copper	**9.1**	2.0	NA	1	B1L0887	12/28/2011	12/29/11 15:29	
Lead	**33**	1.0	NA	1	B1L0887	12/28/2011	12/29/11 15:29	
Molybdenum	ND	1.0	NA	1	B1L0887	12/28/2011	12/29/11 15:29	
Nickel	**44**	1.0	NA	1	B1L0887	12/28/2011	12/29/11 15:29	
Selenium	ND	1.0	NA	1	B1L0887	12/28/2011	12/29/11 15:29	
Silver	ND	1.0	NA	1	B1L0887	12/28/2011	12/29/11 15:29	
Thallium	ND	1.0	NA	1	B1L0887	12/28/2011	12/29/11 15:29	
Vanadium	**20**	1.0	NA	1	B1L0887	12/28/2011	12/29/11 15:29	
Zinc	**27**	1.0	NA	1	B1L0887	12/28/2011	12/29/11 15:29	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B1L0897	12/28/2011	12/30/11 12:55	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G519-1.5
Lab ID: 1100820-63

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0887	12/28/2011	12/29/11 15:32	
Arsenic	**3.6**	1.0	NA	1	B1L0887	12/28/2011	12/29/11 15:32	
Barium	**100**	1.0	NA	1	B1L0887	12/28/2011	12/29/11 15:32	
Beryllium	ND	1.0	NA	1	B1L0887	12/28/2011	12/29/11 15:32	
Cadmium	ND	1.0	NA	1	B1L0887	12/28/2011	12/29/11 15:32	
Chromium	**51**	1.0	NA	1	B1L0887	12/28/2011	12/29/11 15:32	
Cobalt	**9.4**	1.0	NA	1	B1L0887	12/28/2011	12/29/11 15:32	
Copper	**15**	2.0	NA	1	B1L0887	12/28/2011	12/29/11 15:32	
Lead	**130**	1.0	NA	1	B1L0887	12/28/2011	12/29/11 15:32	
Molybdenum	ND	1.0	NA	1	B1L0887	12/28/2011	12/29/11 15:32	
Nickel	**66**	1.0	NA	1	B1L0887	12/28/2011	12/29/11 15:32	
Selenium	ND	1.0	NA	1	B1L0887	12/28/2011	12/29/11 15:32	
Silver	ND	1.0	NA	1	B1L0887	12/28/2011	12/29/11 15:32	
Thallium	ND	1.0	NA	1	B1L0887	12/28/2011	12/29/11 15:32	
Vanadium	**20**	1.0	NA	1	B1L0887	12/28/2011	12/29/11 15:32	
Zinc	**54**	1.0	NA	1	B1L0887	12/28/2011	12/29/11 15:32	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B1L0897	12/28/2011	12/30/11 12:57	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G519-2.5
Lab ID: 1100820-64

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0887	12/28/2011	12/29/11 15:34	
Arsenic	**2.2**	1.0	NA	1	B1L0887	12/28/2011	12/29/11 15:34	
Barium	**110**	1.0	NA	1	B1L0887	12/28/2011	12/29/11 15:34	
Beryllium	ND	1.0	NA	1	B1L0887	12/28/2011	12/29/11 15:34	
Cadmium	ND	1.0	NA	1	B1L0887	12/28/2011	12/29/11 15:34	
Chromium	**10**	1.0	NA	1	B1L0887	12/28/2011	12/29/11 15:34	
Cobalt	**6.1**	1.0	NA	1	B1L0887	12/28/2011	12/29/11 15:34	
Copper	**12**	2.0	NA	1	B1L0887	12/28/2011	12/29/11 15:34	
Lead	**13**	1.0	NA	1	B1L0887	12/28/2011	12/29/11 15:34	
Molybdenum	ND	1.0	NA	1	B1L0887	12/28/2011	12/29/11 15:34	
Nickel	**12**	1.0	NA	1	B1L0887	12/28/2011	12/29/11 15:34	
Selenium	ND	1.0	NA	1	B1L0887	12/28/2011	12/29/11 15:34	
Silver	ND	1.0	NA	1	B1L0887	12/28/2011	12/29/11 15:34	
Thallium	ND	1.0	NA	1	B1L0887	12/28/2011	12/29/11 15:34	
Vanadium	**23**	1.0	NA	1	B1L0887	12/28/2011	12/29/11 15:34	
Zinc	**21**	1.0	NA	1	B1L0887	12/28/2011	12/29/11 15:34	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B1L0897	12/28/2011	12/30/11 12:59	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G520-0
Lab ID: 1100820-65

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0887	12/28/2011	12/29/11 15:37	
Arsenic	**3.0**	1.0	NA	1	B1L0887	12/28/2011	12/29/11 15:37	
Barium	**76**	1.0	NA	1	B1L0887	12/28/2011	12/29/11 15:37	
Beryllium	ND	1.0	NA	1	B1L0887	12/28/2011	12/29/11 15:37	
Cadmium	ND	1.0	NA	1	B1L0887	12/28/2011	12/29/11 15:37	
Chromium	**41**	1.0	NA	1	B1L0887	12/28/2011	12/29/11 15:37	
Cobalt	**7.4**	1.0	NA	1	B1L0887	12/28/2011	12/29/11 15:37	
Copper	**21**	2.0	NA	1	B1L0887	12/28/2011	12/29/11 15:37	
Lead	**9.8**	1.0	NA	1	B1L0887	12/28/2011	12/29/11 15:37	
Molybdenum	ND	1.0	NA	1	B1L0887	12/28/2011	12/29/11 15:37	
Nickel	**51**	1.0	NA	1	B1L0887	12/28/2011	12/29/11 15:37	
Selenium	ND	1.0	NA	1	B1L0887	12/28/2011	12/29/11 15:37	
Silver	ND	1.0	NA	1	B1L0887	12/28/2011	12/29/11 15:37	
Thallium	ND	1.0	NA	1	B1L0887	12/28/2011	12/29/11 15:37	
Vanadium	**32**	1.0	NA	1	B1L0887	12/28/2011	12/29/11 15:37	
Zinc	**49**	1.0	NA	1	B1L0887	12/28/2011	12/29/11 15:37	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B1L0897	12/28/2011	12/30/11 13:05	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G520-0.5
Lab ID: 1100820-66

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0887	12/28/2011	12/29/11 15:39	
Arsenic	**2.9**	1.0	NA	1	B1L0887	12/28/2011	12/29/11 15:39	
Barium	**23**	1.0	NA	1	B1L0887	12/28/2011	12/29/11 15:39	
Beryllium	ND	1.0	NA	1	B1L0887	12/28/2011	12/29/11 15:39	
Cadmium	ND	1.0	NA	1	B1L0887	12/28/2011	12/29/11 15:39	
Chromium	**9.1**	1.0	NA	1	B1L0887	12/28/2011	12/29/11 15:39	
Cobalt	**4.3**	1.0	NA	1	B1L0887	12/28/2011	12/29/11 15:39	
Copper	**4.2**	2.0	NA	1	B1L0887	12/28/2011	12/29/11 15:39	
Lead	**3.5**	1.0	NA	1	B1L0887	12/28/2011	12/29/11 15:39	
Molybdenum	ND	1.0	NA	1	B1L0887	12/28/2011	12/29/11 15:39	
Nickel	**11**	1.0	NA	1	B1L0887	12/28/2011	12/29/11 15:39	
Selenium	ND	1.0	NA	1	B1L0887	12/28/2011	12/29/11 15:39	
Silver	ND	1.0	NA	1	B1L0887	12/28/2011	12/29/11 15:39	
Thallium	ND	1.0	NA	1	B1L0887	12/28/2011	12/29/11 15:39	
Vanadium	**15**	1.0	NA	1	B1L0887	12/28/2011	12/29/11 15:39	
Zinc	**19**	1.0	NA	1	B1L0887	12/28/2011	12/29/11 15:39	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B1L0897	12/28/2011	12/30/11 13:06	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G520-1.5
Lab ID: 1100820-67

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0887	12/28/2011	12/29/11 15:42	
Arsenic	**4.4**	1.0	NA	1	B1L0887	12/28/2011	12/29/11 15:42	
Barium	**130**	1.0	NA	1	B1L0887	12/28/2011	12/29/11 15:42	
Beryllium	ND	1.0	NA	1	B1L0887	12/28/2011	12/29/11 15:42	
Cadmium	ND	1.0	NA	1	B1L0887	12/28/2011	12/29/11 15:42	
Chromium	**18**	1.0	NA	1	B1L0887	12/28/2011	12/29/11 15:42	
Cobalt	**7.9**	1.0	NA	1	B1L0887	12/28/2011	12/29/11 15:42	
Copper	**21**	2.0	NA	1	B1L0887	12/28/2011	12/29/11 15:42	
Lead	**430**	1.0	NA	1	B1L0887	12/28/2011	12/29/11 15:42	
Molybdenum	ND	1.0	NA	1	B1L0887	12/28/2011	12/29/11 15:42	
Nickel	**22**	1.0	NA	1	B1L0887	12/28/2011	12/29/11 15:42	
Selenium	ND	1.0	NA	1	B1L0887	12/28/2011	12/29/11 15:42	
Silver	ND	1.0	NA	1	B1L0887	12/28/2011	12/29/11 15:42	
Thallium	ND	1.0	NA	1	B1L0887	12/28/2011	12/29/11 15:42	
Vanadium	**25**	1.0	NA	1	B1L0887	12/28/2011	12/29/11 15:42	
Zinc	**100**	1.0	NA	1	B1L0887	12/28/2011	12/29/11 15:42	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B1L0897	12/28/2011	12/30/11 13:08	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G520-2.5
Lab ID: 1100820-68

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0887	12/28/2011	12/29/11 15:44	
Arsenic	**4.6**	1.0	NA	1	B1L0887	12/28/2011	12/29/11 15:44	
Barium	**140**	1.0	NA	1	B1L0887	12/28/2011	12/29/11 15:44	
Beryllium	ND	1.0	NA	1	B1L0887	12/28/2011	12/29/11 15:44	
Cadmium	ND	1.0	NA	1	B1L0887	12/28/2011	12/29/11 15:44	
Chromium	**12**	1.0	NA	1	B1L0887	12/28/2011	12/29/11 15:44	
Cobalt	**8.0**	1.0	NA	1	B1L0887	12/28/2011	12/29/11 15:44	
Copper	**15**	2.0	NA	1	B1L0887	12/28/2011	12/29/11 15:44	
Lead	**20**	1.0	NA	1	B1L0887	12/28/2011	12/29/11 15:44	
Molybdenum	ND	1.0	NA	1	B1L0887	12/28/2011	12/29/11 15:44	
Nickel	**16**	1.0	NA	1	B1L0887	12/28/2011	12/29/11 15:44	
Selenium	ND	1.0	NA	1	B1L0887	12/28/2011	12/29/11 15:44	
Silver	ND	1.0	NA	1	B1L0887	12/28/2011	12/29/11 15:44	
Thallium	ND	1.0	NA	1	B1L0887	12/28/2011	12/29/11 15:44	
Vanadium	**26**	1.0	NA	1	B1L0887	12/28/2011	12/29/11 15:44	
Zinc	**37**	1.0	NA	1	B1L0887	12/28/2011	12/29/11 15:44	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B1L0897	12/28/2011	12/30/11 13:10	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G521-0
Lab ID: 1100820-69

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0887	12/28/2011	12/29/11 15:51	
Arsenic	**1.3**	1.0	NA	1	B1L0887	12/28/2011	12/29/11 15:51	
Barium	**39**	1.0	NA	1	B1L0887	12/28/2011	12/29/11 15:51	
Beryllium	ND	1.0	NA	1	B1L0887	12/28/2011	12/29/11 15:51	
Cadmium	ND	1.0	NA	1	B1L0887	12/28/2011	12/29/11 15:51	
Chromium	**19**	1.0	NA	1	B1L0887	12/28/2011	12/29/11 15:51	
Cobalt	**5.4**	1.0	NA	1	B1L0887	12/28/2011	12/29/11 15:51	
Copper	**8.4**	2.0	NA	1	B1L0887	12/28/2011	12/29/11 15:51	
Lead	**2.7**	1.0	NA	1	B1L0887	12/28/2011	12/29/11 15:51	
Molybdenum	ND	1.0	NA	1	B1L0887	12/28/2011	12/29/11 15:51	
Nickel	**40**	1.0	NA	1	B1L0887	12/28/2011	12/29/11 15:51	
Selenium	ND	1.0	NA	1	B1L0887	12/28/2011	12/29/11 15:51	
Silver	ND	1.0	NA	1	B1L0887	12/28/2011	12/29/11 15:51	
Thallium	ND	1.0	NA	1	B1L0887	12/28/2011	12/29/11 15:51	
Vanadium	**29**	1.0	NA	1	B1L0887	12/28/2011	12/29/11 15:51	
Zinc	**150**	1.0	NA	1	B1L0887	12/28/2011	12/29/11 15:51	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B1L0897	12/28/2011	12/30/11 13:12	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G521-0.5
Lab ID: 1100820-70

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0887	12/28/2011	12/29/11 15:54	
Arsenic	**3.4**	1.0	NA	1	B1L0887	12/28/2011	12/29/11 15:54	
Barium	**31**	1.0	NA	1	B1L0887	12/28/2011	12/29/11 15:54	
Beryllium	ND	1.0	NA	1	B1L0887	12/28/2011	12/29/11 15:54	
Cadmium	ND	1.0	NA	1	B1L0887	12/28/2011	12/29/11 15:54	
Chromium	**14**	1.0	NA	1	B1L0887	12/28/2011	12/29/11 15:54	
Cobalt	**9.7**	1.0	NA	1	B1L0887	12/28/2011	12/29/11 15:54	
Copper	**6.1**	2.0	NA	1	B1L0887	12/28/2011	12/29/11 15:54	
Lead	**5.5**	1.0	NA	1	B1L0887	12/28/2011	12/29/11 15:54	
Molybdenum	ND	1.0	NA	1	B1L0887	12/28/2011	12/29/11 15:54	
Nickel	**25**	1.0	NA	1	B1L0887	12/28/2011	12/29/11 15:54	
Selenium	ND	1.0	NA	1	B1L0887	12/28/2011	12/29/11 15:54	
Silver	ND	1.0	NA	1	B1L0887	12/28/2011	12/29/11 15:54	
Thallium	ND	1.0	NA	1	B1L0887	12/28/2011	12/29/11 15:54	
Vanadium	**18**	1.0	NA	1	B1L0887	12/28/2011	12/29/11 15:54	
Zinc	**22**	1.0	NA	1	B1L0887	12/28/2011	12/29/11 15:54	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B1L0897	12/28/2011	12/30/11 12:48	

pH by EPA 9045C

Analyst: LA

Analyte	Result (pH Units)	PQL (pH Units)	MDL (pH Units)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
pH	**8.2**	0.10	NA	1	B1L0953	12/29/2011	12/29/11 14:14	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G521-1.5
Lab ID: 1100820-71

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0888	12/28/2011	12/29/11 16:08	
Arsenic	**2.4**	1.0	NA	1	B1L0888	12/28/2011	12/29/11 16:08	
Barium	**33**	1.0	NA	1	B1L0888	12/28/2011	12/29/11 16:08	
Beryllium	ND	1.0	NA	1	B1L0888	12/28/2011	12/29/11 16:08	
Cadmium	ND	1.0	NA	1	B1L0888	12/28/2011	12/29/11 16:08	
Chromium	**14**	1.0	NA	1	B1L0888	12/28/2011	12/29/11 16:08	
Cobalt	**4.1**	1.0	NA	1	B1L0888	12/28/2011	12/29/11 16:08	
Copper	**5.0**	2.0	NA	1	B1L0888	12/28/2011	12/29/11 16:08	
Lead	**9.7**	1.0	NA	1	B1L0888	12/28/2011	12/29/11 16:08	
Molybdenum	ND	1.0	NA	1	B1L0888	12/28/2011	12/29/11 16:08	
Nickel	**33**	1.0	NA	1	B1L0888	12/28/2011	12/29/11 16:08	
Selenium	ND	1.0	NA	1	B1L0888	12/28/2011	12/29/11 16:08	
Silver	ND	1.0	NA	1	B1L0888	12/28/2011	12/29/11 16:08	
Thallium	ND	1.0	NA	1	B1L0888	12/28/2011	12/29/11 16:08	
Vanadium	**14**	1.0	NA	1	B1L0888	12/28/2011	12/29/11 16:08	
Zinc	**20**	1.0	NA	1	B1L0888	12/28/2011	12/29/11 16:08	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B1L0898	12/28/2011	12/30/11 13:38	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G521-2.5
Lab ID: 1100820-72

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0888	12/28/2011	12/29/11 16:10	
Arsenic	**5.5**	1.0	NA	1	B1L0888	12/28/2011	12/29/11 16:10	
Barium	**130**	1.0	NA	1	B1L0888	12/28/2011	12/29/11 16:10	
Beryllium	ND	1.0	NA	1	B1L0888	12/28/2011	12/29/11 16:10	
Cadmium	ND	1.0	NA	1	B1L0888	12/28/2011	12/29/11 16:10	
Chromium	**15**	1.0	NA	1	B1L0888	12/28/2011	12/29/11 16:10	
Cobalt	**6.7**	1.0	NA	1	B1L0888	12/28/2011	12/29/11 16:10	
Copper	**17**	2.0	NA	1	B1L0888	12/28/2011	12/29/11 16:10	
Lead	**250**	1.0	NA	1	B1L0888	12/28/2011	12/29/11 16:10	
Molybdenum	ND	1.0	NA	1	B1L0888	12/28/2011	12/29/11 16:10	
Nickel	**16**	1.0	NA	1	B1L0888	12/28/2011	12/29/11 16:10	
Selenium	ND	1.0	NA	1	B1L0888	12/28/2011	12/29/11 16:10	
Silver	ND	1.0	NA	1	B1L0888	12/28/2011	12/29/11 16:10	
Thallium	ND	1.0	NA	1	B1L0888	12/28/2011	12/29/11 16:10	
Vanadium	**23**	1.0	NA	1	B1L0888	12/28/2011	12/29/11 16:10	
Zinc	**57**	1.0	NA	1	B1L0888	12/28/2011	12/29/11 16:10	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B1L0898	12/28/2011	12/30/11 13:34	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G428-0

Lab ID: 1100820-73

Lead by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**12**	1.0	NA	1	B1L0922	12/29/2011	12/29/11 16:12	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G428-0.5

Lab ID: 1100820-74

Lead by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**21**	1.0	NA	1	B1L0922	12/29/2011	12/29/11 16:13	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G428-1.5

Lab ID: 1100820-75

Lead by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**23**	1.0	NA	1	B1L0922	12/29/2011	12/29/11 16:15	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G428-2.5

Lab ID: 1100820-76

Lead by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**19**	1.0	NA	1	B1L0922	12/29/2011	12/29/11 16:15	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G428-3.5

Lab ID: 1100820-77

Lead by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**15**	1.0	NA	1	B1L0922	12/29/2011	12/29/11 16:16	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G428-4.5

Lab ID: 1100820-78

Lead by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**15**	1.0	NA	1	B1L0922	12/29/2011	12/29/11 16:17	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G428-5.5

Lab ID: 1100820-79

Lead by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**13**	1.0	NA	1	B1L0922	12/29/2011	12/29/11 16:17	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G428-6.5

Lab ID: 1100820-80

Lead by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**17**	1.0	NA	1	B1L0922	12/29/2011	12/29/11 16:18	

pH by EPA 9045C **Analyst: LA**

Analyte	Result (pH Units)	PQL (pH Units)	MDL (pH Units)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
pH	**8.0**	0.10	NA	1	B1L0953	12/29/2011	12/29/11 14:14	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G342-0

Lab ID: 1100820-81

Lead by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**48**	1.0	NA	1	B1L0922	12/29/2011	12/29/11 16:19	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G342-0.5

Lab ID: 1100820-82

Lead by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**9.4**	1.0	NA	1	B1L0922	12/29/2011	12/29/11 16:19	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G342-1.5

Lab ID: 1100820-83

Lead by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**6.5**	1.0	NA	1	B1L0922	12/29/2011	12/29/11 16:20	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G342-2.5

Lab ID: 1100820-84

Lead by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**7.8**	1.0	NA	1	B1L0922	12/29/2011	12/29/11 16:21	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G342-3.5

Lab ID: 1100820-85

Lead by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**6.4**	1.0	NA	1	B1L0922	12/29/2011	12/29/11 16:23	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G342-4.5

Lab ID: 1100820-86

Lead by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**5.1**	1.0	NA	1	B1L0922	12/29/2011	12/29/11 16:23	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G342-5.5

Lab ID: 1100820-87

Lead by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**6.4**	1.0	NA	1	B1L0923	12/29/2011	12/29/11 16:38	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G342-6.5

Lab ID: 1100820-88

Lead by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**5.7**	1.0	NA	1	B1L0922	12/29/2011	12/29/11 16:24	

pH by EPA 9045C **Analyst: LA**

Analyte	Result (pH Units)	PQL (pH Units)	MDL (pH Units)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
pH	**8.0**	0.10	NA	1	B1L0953	12/29/2011	12/29/11 14:14	

Geocon Consultants, Inc.	Project Number :	TO-16, E8560-06-16
6671 Brisa Street	Report To :	Luann Beadle
Livermore , CA 94550	Reported :	12/30/2011

QUALITY CONTROL SECTION

Total Metals by ICP-AES EPA 6010B - Quality Control

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0880 - EPA 3050B									
Blank (B1L0880-BLK1)				Prepared: 12/28/2011 Analyzed: 12/30/2011					
Antimony	ND	2.0			NR				
Arsenic	ND	1.0			NR				
Barium	ND	1.0			NR				
Beryllium	ND	1.0			NR				
Cadmium	ND	1.0			NR				
Chromium	ND	1.0			NR				
Cobalt	ND	1.0			NR				
Copper	ND	2.0			NR				
Lead	ND	1.0			NR				
Molybdenum	ND	1.0			NR				
Nickel	ND	1.0			NR				
Selenium	ND	1.0			NR				
Silver	ND	1.0			NR				
Thallium	ND	1.0			NR				
Vanadium	ND	1.0			NR				
Zinc	ND	1.0			NR				
LCS (B1L0880-BS1)				Prepared: 12/28/2011 Analyzed: 12/29/2011					
Antimony	46	2.0	50.0		91.5	80 - 120			
Arsenic	45	1.0	50.0		89.0	80 - 120			
Barium	48	1.0	50.0		95.6	80 - 120			
Beryllium	48	1.0	50.0		96.0	80 - 120			
Cadmium	45	1.0	50.0		90.7	80 - 120			
Chromium	47	1.0	50.0		93.3	80 - 120			
Cobalt	46	1.0	50.0		92.1	80 - 120			
Copper	48	2.0	50.0		96.6	80 - 120			
Lead	48	1.0	50.0		95.6	80 - 120			
Molybdenum	49	1.0	50.0		98.6	80 - 120			
Nickel	46	1.0	50.0		91.4	80 - 120			
Selenium	44	1.0	50.0		88.4	80 - 120			
Silver	46	1.0	50.0		92.6	80 - 120			
Thallium	48	1.0	50.0		96.5	80 - 120			
Vanadium	49	1.0	50.0		97.1	80 - 120			
Zinc	46	1.0	50.0		92.2	80 - 120			
Duplicate (B1L0880-DUP1)		**Source: 1100820-10**		Prepared: 12/28/2011 Analyzed: 12/29/2011					
Antimony	ND	2.0		ND	NR			20	
Arsenic	12	1.0		12	NR		3.06	20	
Barium	160	1.0		160	NR		0.0785	20	
Beryllium	0.37	1.0		0.34	NR		7.45	20	

Geocon Consultants, Inc.	Project Number : TO-16, E8560-06-16
6671 Brisa Street	Report To : Luann Beadle
Livermore , CA 94550	Reported : 12/30/2011

Total Metals by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0880 - EPA 3050B (continued)									
Duplicate (B1L0880-DUP1) - Continued		**Source: 1100820-10**		Prepared: 12/28/2011 Analyzed: 12/29/2011					
Cadmium	ND	1.0		ND	NR			20	
Chromium	18	1.0		19	NR		1.88	20	
Cobalt	9.2	1.0		8.7	NR		4.84	20	
Copper	21	2.0		21	NR		1.76	20	
Lead	40	1.0		37	NR		7.44	20	
Molybdenum	ND	1.0		ND	NR			20	
Nickel	20	1.0		20	NR		1.03	20	
Selenium	ND	1.0		ND	NR			20	
Silver	0.13	1.0		0.13	NR		0.00571	20	
Thallium	0.17	1.0		0.16	NR		2.67	20	
Vanadium	34	1.0		34	NR		0.433	20	
Zinc	49	1.0		49	NR		0.998	20	
Matrix Spike (B1L0880-MS1)		**Source: 1100820-10**		Prepared: 12/28/2011 Analyzed: 12/29/2011					
Antimony	70	2.0	125	ND	56.2	44 - 105			
Arsenic	100	1.0	125	12	71.3	57 - 103			
Barium	240	1.0	125	160	67.8	36 - 134			
Beryllium	97	1.0	125	0.34	77.4	64 - 106			
Cadmium	86	1.0	125	ND	68.6	58 - 102			
Chromium	110	1.0	125	19	74.7	55 - 105			
Cobalt	99	1.0	125	8.7	72.0	59 - 105			
Copper	120	2.0	125	21	79.8	64 - 117			
Lead	130	1.0	125	37	77.2	46 - 116			
Molybdenum	92	1.0	125	ND	73.2	59 - 108			
Nickel	110	1.0	125	20	71.4	52 - 109			
Selenium	88	1.0	125	ND	70.0	56 - 100			
Silver	97	1.0	125	0.13	77.7	65 - 107			
Thallium	93	1.0	125	0.16	74.2	47 - 100			
Vanadium	130	1.0	125	34	77.6	64 - 110			
Zinc	140	1.0	125	49	69.9	37 - 123			
Matrix Spike Dup (B1L0880-MSD1)		**Source: 1100820-10**		Prepared: 12/28/2011 Analyzed: 12/29/2011					
Antimony	67	2.0	125	ND	53.5	44 - 105	4.84	20	
Arsenic	100	1.0	125	12	70.2	57 - 103	1.40	20	
Barium	260	1.0	125	160	85.4	36 - 134	8.71	20	
Beryllium	99	1.0	125	0.34	78.8	64 - 106	1.75	20	
Cadmium	88	1.0	125	ND	70.4	58 - 102	2.57	20	
Chromium	110	1.0	125	19	76.5	55 - 105	2.04	20	
Cobalt	100	1.0	125	8.7	74.4	59 - 105	2.93	20	
Copper	120	2.0	125	21	81.5	64 - 117	1.75	20	
Lead	120	1.0	125	37	69.0	46 - 116	8.07	20	
Molybdenum	92	1.0	125	ND	73.2	59 - 108	0.00427	20	

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Total Metals by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0880 - EPA 3050B (continued)									
Matrix Spike Dup (B1L0880-MSD1) - Continued		**Source: 1100820-10**		Prepared: 12/28/2011 Analyzed: 12/29/2011					
Nickel	110	1.0	125	20	72.3	52 - 109	1.07	20	
Selenium	88	1.0	125	ND	70.4	56 - 100	0.552	20	
Silver	99	1.0	125	0.13	78.9	65 - 107	1.57	20	
Thallium	94	1.0	125	0.16	75.2	47 - 100	1.37	20	
Vanadium	130	1.0	125	34	80.5	64 - 110	2.74	20	
Zinc	140	1.0	125	49	72.1	37 - 123	1.98	20	
Batch B1L0881 - EPA 3050B									
Blank (B1L0881-BLK1)				Prepared: 12/28/2011 Analyzed: 12/29/2011					
Antimony	ND	2.0			NR				
Arsenic	ND	1.0			NR				
Barium	ND	1.0			NR				
Beryllium	ND	1.0			NR				
Cadmium	ND	1.0			NR				
Chromium	ND	1.0			NR				
Cobalt	ND	1.0			NR				
Copper	ND	2.0			NR				
Lead	ND	1.0			NR				
Molybdenum	ND	1.0			NR				
Nickel	ND	1.0			NR				
Selenium	ND	1.0			NR				
Silver	ND	1.0			NR				
Thallium	ND	1.0			NR				
Vanadium	ND	1.0			NR				
Zinc	ND	1.0			NR				
LCS (B1L0881-BS1)				Prepared: 12/28/2011 Analyzed: 12/29/2011					
Antimony	47	2.0	50.0		93.2	80 - 120			
Arsenic	45	1.0	50.0		89.3	80 - 120			
Barium	48	1.0	50.0		96.4	80 - 120			
Beryllium	49	1.0	50.0		98.0	80 - 120			
Cadmium	46	1.0	50.0		91.6	80 - 120			
Chromium	48	1.0	50.0		95.5	80 - 120			
Cobalt	47	1.0	50.0		94.1	80 - 120			
Copper	50	2.0	50.0		99.0	80 - 120			
Lead	49	1.0	50.0		97.5	80 - 120			
Molybdenum	50	1.0	50.0		101	80 - 120			
Nickel	47	1.0	50.0		93.2	80 - 120			
Selenium	45	1.0	50.0		90.0	80 - 120			
Silver	48	1.0	50.0		96.2	80 - 120			

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Total Metals by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0881 - EPA 3050B (continued)									
LCS (B1L0881-BS1) - Continued				Prepared: 12/28/2011 Analyzed: 12/29/2011					
Thallium	50	1.0	50.0		99.4	80 - 120			
Vanadium	50	1.0	50.0		99.4	80 - 120			
Zinc	47	1.0	50.0		94.4	80 - 120			
Duplicate (B1L0881-DUP1)		**Source: 1100820-20**		Prepared: 12/28/2011 Analyzed: 12/29/2011					
Antimony	ND	2.0		ND	NR			20	
Arsenic	2.8	1.0		2.3	NR		22.0	20	R
Barium	200	1.0		160	NR		24.7	20	R
Beryllium	0.39	1.0		0.37	NR		6.27	20	
Cadmium	ND	1.0		ND	NR			20	
Chromium	10	1.0		9.2	NR		10.1	20	
Cobalt	8.9	1.0		9.5	NR		7.00	20	
Copper	13	2.0		12	NR		8.26	20	
Lead	7.4	1.0		6.2	NR		17.6	20	
Molybdenum	ND	1.0		ND	NR			20	
Nickel	14	1.0		14	NR		1.68	20	
Selenium	ND	1.0		ND	NR			20	
Silver	0.07	1.0		0.06	NR		13.6	20	
Thallium	0.19	1.0		0.23	NR		17.8	20	
Vanadium	22	1.0		19	NR		11.6	20	
Zinc	21	1.0		19	NR		7.38	20	
Matrix Spike (B1L0881-MS1)		**Source: 1100820-20**		Prepared: 12/28/2011 Analyzed: 12/29/2011					
Antimony	85	2.0	125	ND	68.0	44 - 105			
Arsenic	91	1.0	125	2.3	71.2	57 - 103			
Barium	190	1.0	125	160	31.1	36 - 134			M1
Beryllium	100	1.0	125	0.37	79.3	64 - 106			
Cadmium	88	1.0	125	ND	70.6	58 - 102			
Chromium	100	1.0	125	9.2	75.3	55 - 105			
Cobalt	100	1.0	125	9.5	76.0	59 - 105			
Copper	110	2.0	125	12	79.3	64 - 117			
Lead	100	1.0	125	6.2	76.3	46 - 116			
Molybdenum	97	1.0	125	ND	77.4	59 - 108			
Nickel	100	1.0	125	14	72.6	52 - 109			
Selenium	90	1.0	125	ND	72.0	56 - 100			
Silver	98	1.0	125	0.06	78.7	65 - 107			
Thallium	97	1.0	125	0.23	77.5	47 - 100			
Vanadium	120	1.0	125	19	77.0	64 - 110			
Zinc	110	1.0	125	19	71.5	37 - 123			
Matrix Spike Dup (B1L0881-MSD1)		**Source: 1100820-20**		Prepared: 12/28/2011 Analyzed: 12/29/2011					
Antimony	85	2.0	125	ND	67.7	44 - 105	0.373	20	

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Total Metals by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0881 - EPA 3050B (continued)									
Matrix Spike Dup (B1L0881-MSD1) - Continued		**Source: 1100820-20**		Prepared: 12/28/2011 Analyzed: 12/29/2011					
Arsenic	89	1.0	125	2.3	69.8	57 - 103	1.93	20	
Barium	210	1.0	125	160	40.1	36 - 134	5.66	20	
Beryllium	100	1.0	125	0.37	79.9	64 - 106	0.680	20	
Cadmium	87	1.0	125	ND	70.0	58 - 102	0.884	20	
Chromium	100	1.0	125	9.2	75.4	55 - 105	0.0157	20	
Cobalt	100	1.0	125	9.5	75.2	59 - 105	0.876	20	
Copper	110	2.0	125	12	80.5	64 - 117	1.34	20	
Lead	100	1.0	125	6.2	75.6	46 - 116	0.933	20	
Molybdenum	95	1.0	125	ND	76.2	59 - 108	1.50	20	
Nickel	100	1.0	125	14	72.1	52 - 109	0.577	20	
Selenium	88	1.0	125	ND	70.7	56 - 100	1.81	20	
Silver	99	1.0	125	0.06	79.2	65 - 107	0.678	20	
Thallium	96	1.0	125	0.23	76.6	47 - 100	1.16	20	
Vanadium	120	1.0	125	19	76.8	64 - 110	0.226	20	
Zinc	110	1.0	125	19	71.4	37 - 123	0.0754	20	
Batch B1L0882 - EPA 3050B									
Blank (B1L0882-BLK1)				Prepared: 12/28/2011 Analyzed: 12/29/2011					
Antimony	ND	2.0			NR				
Arsenic	ND	1.0			NR				
Barium	ND	1.0			NR				
Beryllium	ND	1.0			NR				
Cadmium	ND	1.0			NR				
Chromium	ND	1.0			NR				
Cobalt	ND	1.0			NR				
Copper	ND	2.0			NR				
Lead	ND	1.0			NR				
Molybdenum	ND	1.0			NR				
Nickel	ND	1.0			NR				
Selenium	ND	1.0			NR				
Silver	ND	1.0			NR				
Thallium	ND	1.0			NR				
Vanadium	ND	1.0			NR				
Zinc	ND	1.0			NR				
LCS (B1L0882-BS1)				Prepared: 12/28/2011 Analyzed: 12/29/2011					
Antimony	45	2.0	50.0		89.4	80 - 120			
Arsenic	42	1.0	50.0		84.2	80 - 120			
Barium	45	1.0	50.0		90.7	80 - 120			
Beryllium	48	1.0	50.0		95.4	80 - 120			

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Total Metals by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0882 - EPA 3050B (continued)									
LCS (B1L0882-BS1) - Continued				Prepared: 12/28/2011 Analyzed: 12/29/2011					
Cadmium	42	1.0	50.0		84.7	80 - 120			
Chromium	44	1.0	50.0		88.5	80 - 120			
Cobalt	45	1.0	50.0		90.0	80 - 120			
Copper	47	2.0	50.0		93.7	80 - 120			
Lead	47	1.0	50.0		93.1	80 - 120			
Molybdenum	48	1.0	50.0		96.3	80 - 120			
Nickel	44	1.0	50.0		87.9	80 - 120			
Selenium	43	1.0	50.0		85.3	80 - 120			
Silver	45	1.0	50.0		90.4	80 - 120			
Thallium	48	1.0	50.0		95.6	80 - 120			
Vanadium	47	1.0	50.0		94.1	80 - 120			
Zinc	44	1.0	50.0		88.3	80 - 120			
Duplicate (B1L0882-DUP1)		**Source: 1100820-30**		Prepared: 12/28/2011 Analyzed: 12/29/2011					
Antimony	ND	2.0		ND	NR			20	
Arsenic	4.4	1.0		4.3	NR		3.27	20	
Barium	150	1.0		160	NR		8.13	20	
Beryllium	0.30	1.0		0.30	NR		1.46	20	
Cadmium	ND	1.0		ND	NR			20	
Chromium	17	1.0		19	NR		7.21	20	
Cobalt	6.7	1.0		7.2	NR		6.85	20	
Copper	21	2.0		22	NR		7.91	20	
Lead	7.3	1.0		14	NR		61.8	20	R
Molybdenum	ND	1.0		ND	NR			20	
Nickel	18	1.0		20	NR		8.25	20	
Selenium	ND	1.0		ND	NR			20	
Silver	0.11	1.0		0.16	NR		35.1	20	R
Thallium	ND	1.0		ND	NR			20	
Vanadium	33	1.0		35	NR		5.79	20	
Zinc	43	1.0		47	NR		9.08	20	
Matrix Spike (B1L0882-MS1)		**Source: 1100820-30**		Prepared: 12/28/2011 Analyzed: 12/29/2011					
Antimony	67	2.0	125	ND	53.4	44 - 105			
Arsenic	89	1.0	125	4.3	67.7	57 - 103			
Barium	260	1.0	125	160	77.8	36 - 134			
Beryllium	97	1.0	125	0.30	77.1	64 - 106			
Cadmium	83	1.0	125	ND	66.3	58 - 102			
Chromium	110	1.0	125	19	73.4	55 - 105			
Cobalt	98	1.0	125	7.2	72.6	59 - 105			
Copper	120	2.0	125	22	79.4	64 - 117			
Lead	110	1.0	125	14	73.2	46 - 116			
Molybdenum	89	1.0	125	ND	71.3	59 - 108			

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Total Metals by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0882 - EPA 3050B (continued)									
Matrix Spike (B1L0882-MS1) - Continued		**Source: 1100820-30**		Prepared: 12/28/2011 Analyzed: 12/29/2011					
Nickel	110	1.0	125	20	70.3	52 - 109			
Selenium	85	1.0	125	ND	68.1	56 - 100			
Silver	97	1.0	125	0.16	77.5	65 - 107			
Thallium	91	1.0	125	ND	73.1	47 - 100			
Vanadium	130	1.0	125	35	76.9	64 - 110			
Zinc	130	1.0	125	47	68.7	37 - 123			
Matrix Spike Dup (B1L0882-MSD1)		**Source: 1100820-30**		Prepared: 12/28/2011 Analyzed: 12/29/2011					
Antimony	65	2.0	125	ND	51.9	44 - 105	2.87	20	
Arsenic	90	1.0	125	4.3	68.6	57 - 103	1.29	20	
Barium	300	1.0	125	160	107	36 - 134	13.1	20	
Beryllium	99	1.0	125	0.30	78.6	64 - 106	1.93	20	
Cadmium	84	1.0	125	ND	67.6	58 - 102	1.91	20	
Chromium	110	1.0	125	19	75.0	55 - 105	1.78	20	
Cobalt	100	1.0	125	7.2	75.9	59 - 105	4.09	20	
Copper	120	2.0	125	22	80.3	64 - 117	0.912	20	
Lead	110	1.0	125	14	75.6	46 - 116	2.78	20	
Molybdenum	90	1.0	125	ND	71.7	59 - 108	0.582	20	
Nickel	110	1.0	125	20	71.9	52 - 109	1.89	20	
Selenium	85	1.0	125	ND	68.1	56 - 100	0.0227	20	
Silver	99	1.0	125	0.16	79.0	65 - 107	1.83	20	
Thallium	94	1.0	125	ND	75.3	47 - 100	2.98	20	
Vanadium	130	1.0	125	35	78.1	64 - 110	1.18	20	
Zinc	130	1.0	125	47	68.4	37 - 123	0.321	20	
Batch B1L0884 - EPA 3050B									
Blank (B1L0884-BLK1)				Prepared: 12/28/2011 Analyzed: 12/29/2011					
Antimony	ND	2.0			NR				
Arsenic	ND	1.0			NR				
Barium	ND	1.0			NR				
Beryllium	ND	1.0			NR				
Cadmium	ND	1.0			NR				
Chromium	ND	1.0			NR				
Cobalt	ND	1.0			NR				
Copper	ND	2.0			NR				
Lead	ND	1.0			NR				
Molybdenum	ND	1.0			NR				
Nickel	ND	1.0			NR				
Selenium	ND	1.0			NR				
Silver	ND	1.0			NR				

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Total Metals by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0884 - EPA 3050B (continued)									
Blank (B1L0884-BLK1) - Continued				Prepared: 12/28/2011 Analyzed: 12/29/2011					
Thallium	ND	1.0			NR				
Vanadium	ND	1.0			NR				
Zinc	ND	1.0			NR				
LCS (B1L0884-BS1)				Prepared: 12/28/2011 Analyzed: 12/29/2011					
Antimony	44	2.0	50.0		87.4	80 - 120			
Arsenic	41	1.0	50.0		81.6	80 - 120			
Barium	44	1.0	50.0		88.1	80 - 120			
Beryllium	46	1.0	50.0		91.6	80 - 120			
Cadmium	41	1.0	50.0		82.8	80 - 120			
Chromium	44	1.0	50.0		87.3	80 - 120			
Cobalt	44	1.0	50.0		88.1	80 - 120			
Copper	46	2.0	50.0		91.9	80 - 120			
Lead	45	1.0	50.0		90.7	80 - 120			
Molybdenum	47	1.0	50.0		93.5	80 - 120			
Nickel	43	1.0	50.0		86.7	80 - 120			
Selenium	41	1.0	50.0		82.7	80 - 120			
Silver	45	1.0	50.0		89.4	80 - 120			
Thallium	47	1.0	50.0		93.1	80 - 120			
Vanadium	46	1.0	50.0		92.1	80 - 120			
Zinc	43	1.0	50.0		85.2	80 - 120			
Duplicate (B1L0884-DUP1)		**Source: 1100820-40**		Prepared: 12/28/2011 Analyzed: 12/29/2011					
Antimony	ND	2.0		ND	NR			20	
Arsenic	6.4	1.0		6.8	NR		6.39	20	
Barium	150	1.0		130	NR		14.9	20	
Beryllium	0.29	1.0		0.32	NR		9.53	20	
Cadmium	ND	1.0		ND	NR			20	
Chromium	15	1.0		14	NR		6.79	20	
Cobalt	6.6	1.0		5.8	NR		12.0	20	
Copper	19	2.0		20	NR		5.48	20	
Lead	24	1.0		9.7	NR		83.6	20	R
Molybdenum	ND	1.0		ND	NR			20	
Nickel	18	1.0		16	NR		12.5	20	
Selenium	ND	1.0		ND	NR			20	
Silver	0.10	1.0		0.10	NR		1.51	20	
Thallium	ND	1.0		ND	NR			20	
Vanadium	27	1.0		28	NR		2.91	20	
Zinc	39	1.0		38	NR		2.97	20	
Matrix Spike (B1L0884-MS1)		**Source: 1100820-40**		Prepared: 12/28/2011 Analyzed: 12/29/2011					
Antimony	74	2.0	125	ND	59.2	44 - 105			

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Total Metals by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0884 - EPA 3050B (continued)									
Matrix Spike (B1L0884-MS1) - Continued		**Source: 1100820-40**		Prepared: 12/28/2011 Analyzed: 12/29/2011					
Arsenic	92	1.0	125	6.8	68.5	57 - 103			
Barium	240	1.0	125	130	86.3	36 - 134			
Beryllium	96	1.0	125	0.32	76.7	64 - 106			
Cadmium	84	1.0	125	ND	67.0	58 - 102			
Chromium	100	1.0	125	14	72.8	55 - 105			
Cobalt	97	1.0	125	5.8	72.5	59 - 105			
Copper	120	2.0	125	20	78.7	64 - 117			
Lead	110	1.0	125	9.7	80.1	46 - 116			
Molybdenum	91	1.0	125	ND	73.1	59 - 108			
Nickel	100	1.0	125	16	70.1	52 - 109			
Selenium	83	1.0	125	ND	66.7	56 - 100			
Silver	96	1.0	125	0.10	76.8	65 - 107			
Thallium	92	1.0	125	ND	73.9	47 - 100			
Vanadium	120	1.0	125	28	76.6	64 - 110			
Zinc	120	1.0	125	38	68.2	37 - 123			
Matrix Spike Dup (B1L0884-MSD1)		**Source: 1100820-40**		Prepared: 12/28/2011 Analyzed: 12/29/2011					
Antimony	71	2.0	125	ND	56.6	44 - 105	4.45	20	
Arsenic	88	1.0	125	6.8	64.6	57 - 103	5.31	20	
Barium	270	1.0	125	130	106	36 - 134	9.87	20	
Beryllium	91	1.0	125	0.32	72.8	64 - 106	5.22	20	
Cadmium	79	1.0	125	ND	63.1	58 - 102	5.92	20	
Chromium	100	1.0	125	14	69.8	55 - 105	3.67	20	
Cobalt	92	1.0	125	5.8	69.0	59 - 105	4.67	20	
Copper	110	2.0	125	20	73.9	64 - 117	5.11	20	
Lead	110	1.0	125	9.7	78.2	46 - 116	2.20	20	
Molybdenum	86	1.0	125	ND	68.8	59 - 108	5.99	20	
Nickel	99	1.0	125	16	66.8	52 - 109	4.05	20	
Selenium	79	1.0	125	ND	63.6	56 - 100	4.77	20	
Silver	91	1.0	125	0.10	72.7	65 - 107	5.45	20	
Thallium	87	1.0	125	ND	69.7	47 - 100	5.86	20	
Vanadium	120	1.0	125	28	72.4	64 - 110	4.28	20	
Zinc	120	1.0	125	38	66.2	37 - 123	2.08	20	
Batch B1L0885 - EPA 3050B									
Blank (B1L0885-BLK1)				Prepared: 12/28/2011 Analyzed: 12/29/2011					
Antimony	ND	2.0			NR				
Arsenic	ND	1.0			NR				
Barium	ND	1.0			NR				
Beryllium	ND	1.0			NR				

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Total Metals by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0885 - EPA 3050B (continued)									
Blank (B1L0885-BLK1) - Continued				Prepared: 12/28/2011 Analyzed: 12/29/2011					
Cadmium	ND	1.0			NR				
Chromium	ND	1.0			NR				
Cobalt	ND	1.0			NR				
Copper	ND	2.0			NR				
Lead	ND	1.0			NR				
Molybdenum	ND	1.0			NR				
Nickel	ND	1.0			NR				
Selenium	ND	1.0			NR				
Silver	ND	1.0			NR				
Thallium	ND	1.0			NR				
Vanadium	ND	1.0			NR				
Zinc	ND	1.0			NR				
LCS (B1L0885-BS1)				Prepared: 12/28/2011 Analyzed: 12/29/2011					
Antimony	45	2.0	50.0		89.4	80 - 120			
Arsenic	42	1.0	50.0		84.3	80 - 120			
Barium	46	1.0	50.0		91.3	80 - 120			
Beryllium	47	1.0	50.0		94.4	80 - 120			
Cadmium	43	1.0	50.0		86.1	80 - 120			
Chromium	45	1.0	50.0		89.6	80 - 120			
Cobalt	45	1.0	50.0		90.1	80 - 120			
Copper	47	2.0	50.0		93.9	80 - 120			
Lead	47	1.0	50.0		93.3	80 - 120			
Molybdenum	48	1.0	50.0		96.1	80 - 120			
Nickel	44	1.0	50.0		88.5	80 - 120			
Selenium	42	1.0	50.0		85.0	80 - 120			
Silver	45	1.0	50.0		89.9	80 - 120			
Thallium	48	1.0	50.0		95.1	80 - 120			
Vanadium	47	1.0	50.0		94.3	80 - 120			
Zinc	44	1.0	50.0		87.9	80 - 120			
Duplicate (B1L0885-DUP1)		**Source: 1100820-50**		Prepared: 12/28/2011 Analyzed: 12/29/2011					
Antimony	ND	2.0		ND	NR			20	
Arsenic	3.3	1.0		4.0	NR		17.3	20	
Barium	47	1.0		63	NR		28.6	20	R
Beryllium	0.09	1.0		0.08	NR		10.1	20	
Cadmium	ND	1.0		ND	NR			20	
Chromium	23	1.0		18	NR		26.6	20	R
Cobalt	6.1	1.0		6.7	NR		8.77	20	
Copper	8.3	2.0		10	NR		19.8	20	
Lead	8.3	1.0		11	NR		26.5	20	R
Molybdenum	ND	1.0		ND	NR			20	

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Total Metals by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0885 - EPA 3050B (continued)									
Duplicate (B1L0885-DUP1) - Continued		**Source: 1100820-50**		Prepared: 12/28/2011 Analyzed: 12/29/2011					
Nickel	38	1.0		29	NR		26.3	20	R
Selenium	ND	1.0		ND	NR			20	
Silver	0.05	1.0		0.09	NR		49.1	20	R
Thallium	ND	1.0		ND	NR			20	
Vanadium	19	1.0		22	NR		16.7	20	
Zinc	26	1.0		28	NR		8.45	20	
Matrix Spike (B1L0885-MS1)		**Source: 1100820-50**		Prepared: 12/28/2011 Analyzed: 12/29/2011					
Antimony	88	2.0	125	ND	70.6	44 - 105			
Arsenic	97	1.0	125	4.0	74.8	57 - 103			
Barium	150	1.0	125	63	71.8	36 - 134			
Beryllium	100	1.0	125	0.08	83.6	64 - 106			
Cadmium	92	1.0	125	ND	73.8	58 - 102			
Chromium	130	1.0	125	18	86.7	55 - 105			
Cobalt	110	1.0	125	6.7	79.6	59 - 105			
Copper	120	2.0	125	10	84.2	64 - 117			
Lead	110	1.0	125	11	78.9	46 - 116			
Molybdenum	100	1.0	125	ND	81.7	59 - 108			
Nickel	140	1.0	125	29	88.0	52 - 109			
Selenium	94	1.0	125	ND	75.0	56 - 100			
Silver	100	1.0	125	0.09	83.5	65 - 107			
Thallium	100	1.0	125	ND	81.5	47 - 100			
Vanadium	130	1.0	125	22	82.5	64 - 110			
Zinc	120	1.0	125	28	75.2	37 - 123			
Matrix Spike Dup (B1L0885-MSD1)		**Source: 1100820-50**		Prepared: 12/28/2011 Analyzed: 12/29/2011					
Antimony	85	2.0	125	ND	67.7	44 - 105	4.25	20	
Arsenic	94	1.0	125	4.0	71.9	57 - 103	3.83	20	
Barium	150	1.0	125	63	68.5	36 - 134	2.72	20	
Beryllium	100	1.0	125	0.08	80.7	64 - 106	3.53	20	
Cadmium	89	1.0	125	ND	71.3	58 - 102	3.54	20	
Chromium	130	1.0	125	18	87.9	55 - 105	1.18	20	
Cobalt	100	1.0	125	6.7	77.2	59 - 105	2.84	20	
Copper	110	2.0	125	10	81.1	64 - 117	3.43	20	
Lead	110	1.0	125	11	77.2	46 - 116	2.00	20	
Molybdenum	99	1.0	125	ND	79.3	59 - 108	3.03	20	
Nickel	130	1.0	125	29	83.8	52 - 109	3.84	20	
Selenium	93	1.0	125	ND	74.3	56 - 100	0.863	20	
Silver	100	1.0	125	0.09	80.2	65 - 107	3.97	20	
Thallium	99	1.0	125	ND	79.1	47 - 100	3.02	20	
Vanadium	120	1.0	125	22	80.0	64 - 110	2.58	20	
Zinc	120	1.0	125	28	72.3	37 - 123	3.03	20	

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Total Metals by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0886 - EPA 3050B									
Blank (B1L0886-BLK1)				Prepared: 12/28/2011 Analyzed: 12/29/2011					
Antimony	ND	2.0			NR				
Arsenic	ND	1.0			NR				
Barium	ND	1.0			NR				
Beryllium	ND	1.0			NR				
Cadmium	ND	1.0			NR				
Chromium	ND	1.0			NR				
Cobalt	ND	1.0			NR				
Copper	ND	2.0			NR				
Lead	ND	1.0			NR				
Molybdenum	ND	1.0			NR				
Nickel	ND	1.0			NR				
Selenium	ND	1.0			NR				
Silver	ND	1.0			NR				
Thallium	ND	1.0			NR				
Vanadium	ND	1.0			NR				
Zinc	ND	1.0			NR				

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Total Metals by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0886 - EPA 3050B (continued)									
LCS (B1L0886-BS1)				Prepared: 12/28/2011 Analyzed: 12/29/2011					
Antimony	44	2.0	50.0		87.7	80 - 120			
Arsenic	41	1.0	50.0		81.8	80 - 120			
Barium	44	1.0	50.0		88.4	80 - 120			
Beryllium	46	1.0	50.0		91.8	80 - 120			
Cadmium	42	1.0	50.0		83.8	80 - 120			
Chromium	43	1.0	50.0		86.8	80 - 120			
Cobalt	44	1.0	50.0		87.8	80 - 120			
Copper	46	2.0	50.0		91.2	80 - 120			
Lead	46	1.0	50.0		91.4	80 - 120			
Molybdenum	47	1.0	50.0		93.9	80 - 120			
Nickel	43	1.0	50.0		86.2	80 - 120			
Selenium	42	1.0	50.0		83.8	80 - 120			
Silver	44	1.0	50.0		88.2	80 - 120			
Thallium	47	1.0	50.0		93.5	80 - 120			
Vanadium	46	1.0	50.0		91.7	80 - 120			
Zinc	43	1.0	50.0		87.0	80 - 120			

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Total Metals by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0886 - EPA 3050B (continued)									
Duplicate (B1L0886-DUP1)		**Source: 1100820-60**		Prepared: 12/28/2011 Analyzed: 12/29/2011					
Antimony	ND	2.0		ND	NR			20	
Arsenic	6.7	1.0		6.3	NR		6.76	20	
Barium	150	1.0		180	NR		15.7	20	
Beryllium	0.28	1.0		0.27	NR		2.17	20	
Cadmium	ND	1.0		ND	NR			20	
Chromium	11	1.0		13	NR		14.1	20	
Cobalt	5.9	1.0		6.3	NR		6.38	20	
Copper	16	2.0		19	NR		14.5	20	
Lead	28	1.0		30	NR		5.20	20	
Molybdenum	ND	1.0		ND	NR			20	
Nickel	15	1.0		16	NR		12.3	20	
Selenium	ND	1.0		ND	NR			20	
Silver	0.13	1.0		0.11	NR		12.0	20	
Thallium	0.12	1.0		ND	NR			20	
Vanadium	28	1.0		29	NR		4.30	20	
Zinc	35	1.0		40	NR		13.4	20	

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Total Metals by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0886 - EPA 3050B (continued)									
Matrix Spike (B1L0886-MS1)		**Source: 1100820-60**		Prepared: 12/28/2011 Analyzed: 12/29/2011					
Antimony	79	2.0	125	ND	63.3	44 - 105			
Arsenic	94	1.0	125	6.3	70.3	57 - 103			
Barium	230	1.0	125	180	45.5	36 - 134			
Beryllium	99	1.0	125	0.27	78.7	64 - 106			
Cadmium	85	1.0	125	ND	68.0	58 - 102			
Chromium	110	1.0	125	13	75.0	55 - 105			
Cobalt	100	1.0	125	6.3	74.6	59 - 105			
Copper	120	2.0	125	19	82.4	64 - 117			
Lead	130	1.0	125	30	80.3	46 - 116			
Molybdenum	96	1.0	125	ND	76.5	59 - 108			
Nickel	110	1.0	125	16	72.8	52 - 109			
Selenium	90	1.0	125	ND	71.6	56 - 100			
Silver	99	1.0	125	0.11	78.9	65 - 107			
Thallium	96	1.0	125	ND	76.9	47 - 100			
Vanadium	130	1.0	125	29	78.7	64 - 110			
Zinc	130	1.0	125	40	73.5	37 - 123			

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Total Metals by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0886 - EPA 3050B (continued)									
Matrix Spike Dup (B1L0886-MSD1)		**Source: 1100820-60**		Prepared: 12/28/2011 Analyzed: 12/29/2011					
Antimony	84	2.0	125	ND	67.5	44 - 105	6.32	20	
Arsenic	98	1.0	125	6.3	73.2	57 - 103	3.77	20	
Barium	220	1.0	125	180	36.4	36 - 134	5.00	20	
Beryllium	100	1.0	125	0.27	81.1	64 - 106	2.99	20	
Cadmium	89	1.0	125	ND	71.5	58 - 102	5.01	20	
Chromium	110	1.0	125	13	78.0	55 - 105	3.48	20	
Cobalt	110	1.0	125	6.3	79.4	59 - 105	5.80	20	
Copper	120	2.0	125	19	84.7	64 - 117	2.32	20	
Lead	110	1.0	125	30	63.6	46 - 116	17.4	20	
Molybdenum	98	1.0	125	ND	78.7	59 - 108	2.86	20	
Nickel	110	1.0	125	16	75.3	52 - 109	2.93	20	
Selenium	90	1.0	125	ND	72.0	56 - 100	0.484	20	
Silver	100	1.0	125	0.11	81.0	65 - 107	2.64	20	
Thallium	99	1.0	125	ND	79.2	47 - 100	2.87	20	
Vanadium	130	1.0	125	29	80.6	64 - 110	1.86	20	
Zinc	130	1.0	125	40	75.5	37 - 123	1.81	20	

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Total Metals by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0887 - EPA 3050B									
Blank (B1L0887-BLK1)				Prepared: 12/28/2011 Analyzed: 12/30/2011					
Antimony	ND	2.0			NR				
Arsenic	ND	1.0			NR				
Barium	ND	1.0			NR				
Beryllium	ND	1.0			NR				
Cadmium	ND	1.0			NR				
Chromium	ND	1.0			NR				
Cobalt	ND	1.0			NR				
Copper	ND	2.0			NR				
Lead	ND	1.0			NR				
Molybdenum	ND	1.0			NR				
Nickel	ND	1.0			NR				
Selenium	ND	1.0			NR				
Silver	ND	1.0			NR				
Thallium	ND	1.0			NR				
Vanadium	ND	1.0			NR				
Zinc	ND	1.0			NR				

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Total Metals by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0887 - EPA 3050B (continued)									
LCS (B1L0887-BS1)				Prepared: 12/28/2011 Analyzed: 12/29/2011					
Antimony	45	2.0	50.0		89.8	80 - 120			
Arsenic	42	1.0	50.0		84.3	80 - 120			
Barium	46	1.0	50.0		91.9	80 - 120			
Beryllium	48	1.0	50.0		96.1	80 - 120			
Cadmium	44	1.0	50.0		87.0	80 - 120			
Chromium	46	1.0	50.0		91.0	80 - 120			
Cobalt	45	1.0	50.0		90.9	80 - 120			
Copper	47	2.0	50.0		94.9	80 - 120			
Lead	47	1.0	50.0		93.6	80 - 120			
Molybdenum	48	1.0	50.0		96.5	80 - 120			
Nickel	45	1.0	50.0		89.7	80 - 120			
Selenium	43	1.0	50.0		86.1	80 - 120			
Silver	45	1.0	50.0		90.7	80 - 120			
Thallium	48	1.0	50.0		95.8	80 - 120			
Vanadium	48	1.0	50.0		95.4	80 - 120			
Zinc	45	1.0	50.0		89.1	80 - 120			

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Total Metals by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0887 - EPA 3050B (continued)									
Duplicate (B1L0887-DUP1)		**Source: 1100820-70**		Prepared: 12/28/2011 Analyzed: 12/29/2011					
Antimony	ND	2.0		ND	NR			20	
Arsenic	2.6	1.0		3.4	NR		26.6	20	R
Barium	31	1.0		31	NR		1.98	20	
Beryllium	0.11	1.0		0.06	NR		64.8	20	R
Cadmium	ND	1.0		ND	NR			20	
Chromium	20	1.0		14	NR		31.0	20	R
Cobalt	5.2	1.0		9.7	NR		61.4	20	R
Copper	7.5	2.0		6.1	NR		21.0	20	R
Lead	3.4	1.0		5.5	NR		49.0	20	R
Molybdenum	ND	1.0		ND	NR			20	
Nickel	23	1.0		25	NR		5.51	20	
Selenium	ND	1.0		ND	NR			20	
Silver	0.08	1.0		0.07	NR		14.2	20	
Thallium	ND	1.0		ND	NR			20	
Vanadium	16	1.0		18	NR		12.4	20	
Zinc	25	1.0		22	NR		13.9	20	

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Total Metals by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0887 - EPA 3050B (continued)									
Matrix Spike (B1L0887-MS1)		**Source: 1100820-70**		Prepared: 12/28/2011 Analyzed: 12/29/2011					
Antimony	92	2.0	125	ND	73.2	44 - 105			
Arsenic	98	1.0	125	3.4	76.1	57 - 103			
Barium	130	1.0	125	31	82.0	36 - 134			
Beryllium	110	1.0	125	0.06	85.5	64 - 106			
Cadmium	95	1.0	125	ND	76.0	58 - 102			
Chromium	140	1.0	125	14	99.6	55 - 105			
Cobalt	110	1.0	125	9.7	78.4	59 - 105			
Copper	110	2.0	125	6.1	85.0	64 - 117			
Lead	110	1.0	125	5.5	81.1	46 - 116			
Molybdenum	100	1.0	125	ND	83.2	59 - 108			
Nickel	190	1.0	125	25	136	52 - 109			M1
Selenium	97	1.0	125	ND	77.5	56 - 100			
Silver	110	1.0	125	0.07	84.3	65 - 107			
Thallium	100	1.0	125	ND	82.7	47 - 100			
Vanadium	120	1.0	125	18	83.1	64 - 110			
Zinc	120	1.0	125	22	77.7	37 - 123			

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Total Metals by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0887 - EPA 3050B (continued)									
Matrix Spike Dup (B1L0887-MSD1)		**Source: 1100820-70**		Prepared: 12/28/2011 Analyzed: 12/29/2011					
Antimony	88	2.0	125	ND	70.6	44 - 105	3.60	20	
Arsenic	97	1.0	125	3.4	74.8	57 - 103	1.61	20	
Barium	130	1.0	125	31	78.4	36 - 134	3.45	20	
Beryllium	110	1.0	125	0.06	84.4	64 - 106	1.32	20	
Cadmium	93	1.0	125	ND	74.4	58 - 102	2.03	20	
Chromium	120	1.0	125	14	82.2	55 - 105	16.9	20	
Cobalt	100	1.0	125	9.7	75.9	59 - 105	2.87	20	
Copper	110	2.0	125	6.1	83.8	64 - 117	1.42	20	
Lead	110	1.0	125	5.5	80.0	46 - 116	1.30	20	
Molybdenum	100	1.0	125	ND	81.6	59 - 108	2.04	20	
Nickel	120	1.0	125	25	77.9	52 - 109	45.9	20	R
Selenium	95	1.0	125	ND	75.7	56 - 100	2.28	20	
Silver	100	1.0	125	0.07	82.0	65 - 107	2.72	20	
Thallium	100	1.0	125	ND	82.2	47 - 100	0.554	20	
Vanadium	120	1.0	125	18	81.3	64 - 110	1.81	20	
Zinc	120	1.0	125	22	76.0	37 - 123	1.85	20	

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Total Metals by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0888 - EPA 3050B									
Blank (B1L0888-BLK1)				Prepared: 12/28/2011 Analyzed: 12/29/2011					
Antimony	ND	2.0			NR				
Arsenic	ND	1.0			NR				
Barium	ND	1.0			NR				
Beryllium	ND	1.0			NR				
Cadmium	ND	1.0			NR				
Chromium	ND	1.0			NR				
Cobalt	ND	1.0			NR				
Copper	ND	2.0			NR				
Lead	ND	1.0			NR				
Molybdenum	ND	1.0			NR				
Nickel	ND	1.0			NR				
Selenium	ND	1.0			NR				
Silver	ND	1.0			NR				
Thallium	ND	1.0			NR				
Vanadium	ND	1.0			NR				
Zinc	ND	1.0			NR				

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Total Metals by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0888 - EPA 3050B (continued)									
LCS (B1L0888-BS1)				Prepared: 12/28/2011 Analyzed: 12/29/2011					
Antimony	43	2.0	50.0		85.6	80 - 120			
Arsenic	41	1.0	50.0		81.3	80 - 120			
Barium	43	1.0	50.0		86.8	80 - 120			
Beryllium	45	1.0	50.0		90.8	80 - 120			
Cadmium	41	1.0	50.0		81.5	80 - 120			
Chromium	42	1.0	50.0		84.3	80 - 120			
Cobalt	43	1.0	50.0		85.7	80 - 120			
Copper	44	2.0	50.0		88.8	80 - 120			
Lead	45	1.0	50.0		89.4	80 - 120			
Molybdenum	46	1.0	50.0		91.7	80 - 120			
Nickel	42	1.0	50.0		84.1	80 - 120			
Selenium	41	1.0	50.0		81.9	80 - 120			
Silver	43	1.0	50.0		86.3	80 - 120			
Thallium	46	1.0	50.0		91.0	80 - 120			
Vanadium	45	1.0	50.0		89.4	80 - 120			
Zinc	42	1.0	50.0		83.5	80 - 120			

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Total Metals by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0888 - EPA 3050B (continued)									
Duplicate (B1L0888-DUP1)		**Source: 1100820-72**		Prepared: 12/28/2011 Analyzed: 12/29/2011					
Antimony	ND	2.0		ND	NR			20	
Arsenic	6.0	1.0		5.5	NR		8.81	20	
Barium	130	1.0		130	NR		0.746	20	
Beryllium	0.24	1.0		0.26	NR		8.73	20	
Cadmium	ND	1.0		ND	NR			20	
Chromium	13	1.0		15	NR		13.7	20	
Cobalt	7.0	1.0		6.7	NR		3.79	20	
Copper	16	2.0		17	NR		7.40	20	
Lead	140	1.0		250	NR		54.2	20	R
Molybdenum	ND	1.0		ND	NR			20	
Nickel	16	1.0		16	NR		2.06	20	
Selenium	ND	1.0		ND	NR			20	
Silver	0.08	1.0		0.08	NR		3.97	20	
Thallium	ND	1.0		0.08	NR			20	
Vanadium	25	1.0		23	NR		7.11	20	
Zinc	50	1.0		57	NR		13.8	20	

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Total Metals by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0888 - EPA 3050B (continued)									
Matrix Spike (B1L0888-MS1)		**Source: 1100820-72**		Prepared: 12/28/2011 Analyzed: 12/29/2011					
Antimony	71	2.0	125	ND	57.0	44 - 105			
Arsenic	94	1.0	125	5.5	70.8	57 - 103			
Barium	250	1.0	125	130	91.2	36 - 134			
Beryllium	100	1.0	125	0.26	79.5	64 - 106			
Cadmium	88	1.0	125	ND	70.1	58 - 102			
Chromium	110	1.0	125	15	74.3	55 - 105			
Cobalt	100	1.0	125	6.7	75.2	59 - 105			
Copper	120	2.0	125	17	80.8	64 - 117			
Lead	210	1.0	125	250	-30.8	46 - 116			M1
Molybdenum	92	1.0	125	ND	73.9	59 - 108			
Nickel	110	1.0	125	16	73.3	52 - 109			
Selenium	89	1.0	125	ND	71.3	56 - 100			
Silver	98	1.0	125	0.08	78.5	65 - 107			
Thallium	94	1.0	125	0.08	75.5	47 - 100			
Vanadium	120	1.0	125	23	80.7	64 - 110			
Zinc	140	1.0	125	57	64.8	37 - 123			

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Total Metals by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0888 - EPA 3050B (continued)									
Matrix Spike Dup (B1L0888-MSD1)		**Source: 1100820-72**		Prepared: 12/28/2011 Analyzed: 12/29/2011					
Antimony	71	2.0	125	ND	56.5	44 - 105	0.790	20	
Arsenic	94	1.0	125	5.5	70.5	57 - 103	0.351	20	
Barium	240	1.0	125	130	84.9	36 - 134	3.17	20	
Beryllium	98	1.0	125	0.26	78.0	64 - 106	1.91	20	
Cadmium	86	1.0	125	ND	68.5	58 - 102	2.26	20	
Chromium	110	1.0	125	15	72.9	55 - 105	1.66	20	
Cobalt	99	1.0	125	6.7	74.2	59 - 105	1.20	20	
Copper	120	2.0	125	17	78.7	64 - 117	2.24	20	
Lead	240	1.0	125	250	-10.0	46 - 116	11.7	20	M1
Molybdenum	92	1.0	125	ND	73.3	59 - 108	0.902	20	
Nickel	110	1.0	125	16	72.3	52 - 109	1.16	20	
Selenium	88	1.0	125	ND	70.3	56 - 100	1.38	20	
Silver	96	1.0	125	0.08	77.0	65 - 107	1.86	20	
Thallium	95	1.0	125	0.08	75.7	47 - 100	0.262	20	
Vanadium	120	1.0	125	23	79.0	64 - 110	1.76	20	
Zinc	140	1.0	125	57	64.9	37 - 123	0.114	20	

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Lead by ICP-AES EPA 6010B - Quality Control

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0922 - EPA 3050 Modified									
Blank (B1L0922-BLK1)				Prepared: 12/29/2011 Analyzed: 12/29/2011					
Lead	ND	1.0			NR				

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Lead by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0922 - EPA 3050 Modified (continued)									
Blank (B1L0922-BLK2)				Prepared: 12/29/2011 Analyzed: 12/29/2011					
Lead	ND	1.0			NR				

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Lead by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0922 - EPA 3050 Modified (continued)									
LCS (B1L0922-BS1)				Prepared: 12/29/2011 Analyzed: 12/29/2011					
Lead	290	1.0	250		118	80 - 120			

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Lead by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0922 - EPA 3050 Modified (continued)									
Duplicate (B1L0922-DUP1)			**Source: 1100821-13**	Prepared: 12/29/2011 Analyzed: 12/29/2011					
Lead	31	1.0		35	NR		11.3	20	

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Lead by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0922 - EPA 3050 Modified (continued)									
Duplicate (B1L0922-DUP2)			**Source: 1100820-82**	Prepared: 12/29/2011 Analyzed: 12/29/2011					
Lead	11	1.0		9.4	NR		19.3	20	

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Lead by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0922 - EPA 3050 Modified (continued)									
Matrix Spike (B1L0922-MS1)		**Source: 1100821-13**		Prepared: 12/29/2011 Analyzed: 12/29/2011					
Lead	270	1.0	250	35	94.6	46 - 116			

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Lead by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0922 - EPA 3050 Modified (continued)									
Matrix Spike (B1L0922-MS2)		**Source: 1100820-82**		Prepared: 12/29/2011 Analyzed: 12/29/2011					
Lead	240	1.0	250	9.4	91.8	46 - 116			

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Lead by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0922 - EPA 3050 Modified (continued)									
Matrix Spike Dup (B1L0922-MSD1)		**Source: 1100821-13**		Prepared: 12/29/2011 Analyzed: 12/29/2011					
Lead	240	1.0	250	35	81.2	46 - 116	13.2	20	

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Lead by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0923 - EPA 3050 Modified									
Blank (B1L0923-BLK1)				Prepared: 12/29/2011 Analyzed: 12/29/2011					
Lead	ND	1.0			NR				

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Lead by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0923 - EPA 3050 Modified (continued)									
Blank (B1L0923-BLK2)				Prepared: 12/29/2011 Analyzed: 12/29/2011					
Lead	ND	1.0			NR				

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Lead by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0923 - EPA 3050 Modified (continued)									
LCS (B1L0923-BS1)				Prepared: 12/29/2011 Analyzed: 12/29/2011					
Lead	270	1.0	250		107	80 - 120			

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Lead by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0923 - EPA 3050 Modified (continued)									
Duplicate (B1L0923-DUP1)			**Source: 1100821-33**	Prepared: 12/29/2011 Analyzed: 12/29/2011					
Lead	320	1.0		340	NR		6.06	20	

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Lead by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0923 - EPA 3050 Modified (continued)									
Duplicate (B1L0923-DUP2)			**Source: 1100821-23**	Prepared: 12/29/2011 Analyzed: 12/29/2011					
Lead	28	1.0		50	NR		55.7	20	R

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Lead by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0923 - EPA 3050 Modified (continued)									
Matrix Spike (B1L0923-MS1)		**Source: 1100821-33**		Prepared: 12/29/2011 Analyzed: 12/29/2011					
Lead	670	1.0	250	340	136	46 - 116			M1

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Lead by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0923 - EPA 3050 Modified (continued)									
Matrix Spike (B1L0923-MS2)		**Source: 1100821-23**		Prepared: 12/29/2011 Analyzed: 12/29/2011					
Lead	260	1.0	250	50	85.4	46 - 116			

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Lead by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0923 - EPA 3050 Modified (continued)									
Matrix Spike Dup (B1L0923-MSD1)		**Source: 1100821-33**		Prepared: 12/29/2011 Analyzed: 12/29/2011					
Lead	690	1.0	250	340	142	46 - 116	2.45	20	M1

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Mercury by AA (Cold Vapor) EPA 7471 - Quality Control

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0890 - EPA 7471									
Blank (B1L0890-BLK1)				Prepared: 12/29/2011 Analyzed: 12/29/2011					
Mercury	ND	0.10			NR				

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Mercury by AA (Cold Vapor) EPA 7471 - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0890 - EPA 7471 (continued)									
LCS (B1L0890-BS1)				Prepared: 12/29/2011 Analyzed: 12/29/2011					
Mercury	0.77	0.10	0.833		92.9	80 - 120			

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Mercury by AA (Cold Vapor) EPA 7471 - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0890 - EPA 7471 (continued)									
Duplicate (B1L0890-DUP1)		**Source: 1100820-10**		Prepared: 12/29/2011 Analyzed: 12/29/2011					
Mercury	0.04	0.10		0.04	NR		3.03	20	

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Mercury by AA (Cold Vapor) EPA 7471 - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0890 - EPA 7471 (continued)									
Matrix Spike (B1L0890-MS1)		**Source: 1100820-10**		Prepared: 12/29/2011 Analyzed: 12/29/2011					
Mercury	0.77	0.10	0.833	0.04	87.9	70 - 130			

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Mercury by AA (Cold Vapor) EPA 7471 - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0890 - EPA 7471 (continued)									
Matrix Spike Dup (B1L0890-MSD1)		**Source: 1100820-10**		Prepared: 12/29/2011 Analyzed: 12/29/2011					
Mercury	0.77	0.10	0.833	0.04	87.8	70 - 130	0.0754	20	

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Mercury by AA (Cold Vapor) EPA 7471 - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0891 - EPA 7471									
Blank (B1L0891-BLK1)				Prepared: 12/29/2011 Analyzed: 12/29/2011					
Mercury	ND	0.10			NR				

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Mercury by AA (Cold Vapor) EPA 7471 - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0891 - EPA 7471 (continued)									
LCS (B1L0891-BS1)				Prepared: 12/29/2011 Analyzed: 12/29/2011					
Mercury	0.78	0.10	0.833		93.1	80 - 120			

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Mercury by AA (Cold Vapor) EPA 7471 - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0891 - EPA 7471 (continued)									
Duplicate (B1L0891-DUP1)		**Source: 1100820-20**		Prepared: 12/29/2011 Analyzed: 12/29/2011					
Mercury	0.02	0.10		0.02	NR		0.710	20	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Mercury by AA (Cold Vapor) EPA 7471 - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0891 - EPA 7471 (continued)									
Matrix Spike (B1L0891-MS1)		**Source: 1100820-20**		Prepared: 12/29/2011 Analyzed: 12/29/2011					
Mercury	0.96	0.10	0.833	0.02	113	70 - 130			

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Mercury by AA (Cold Vapor) EPA 7471 - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0891 - EPA 7471 (continued)									
Matrix Spike Dup (B1L0891-MSD1)		**Source: 1100820-20**		Prepared: 12/29/2011 Analyzed: 12/29/2011					
Mercury	0.95	0.10	0.833	0.02	112	70 - 130	0.630	20	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Mercury by AA (Cold Vapor) EPA 7471 - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0892 - EPA 7471									
Blank (B1L0892-BLK1)				Prepared: 12/29/2011 Analyzed: 12/29/2011					
Mercury	ND	0.10			NR				

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Mercury by AA (Cold Vapor) EPA 7471 - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0892 - EPA 7471 (continued)									
LCS (B1L0892-BS1)				Prepared: 12/29/2011 Analyzed: 12/29/2011					
Mercury	0.74	0.10	0.833		88.2	80 - 120			

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Mercury by AA (Cold Vapor) EPA 7471 - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0892 - EPA 7471 (continued)									
Duplicate (B1L0892-DUP1)		**Source: 1100820-30**		Prepared: 12/29/2011 Analyzed: 12/29/2011					
Mercury	0.03	0.10		0.03	NR		7.47	20	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Mercury by AA (Cold Vapor) EPA 7471 - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0892 - EPA 7471 (continued)									
Matrix Spike (B1L0892-MS1)		**Source: 1100820-30**		Prepared: 12/29/2011 Analyzed: 12/29/2011					
Mercury	0.88	0.10	0.833	0.03	102	70 - 130			

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Mercury by AA (Cold Vapor) EPA 7471 - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0892 - EPA 7471 (continued)									
Matrix Spike Dup (B1L0892-MSD1)		**Source: 1100820-30**		Prepared: 12/29/2011 Analyzed: 12/29/2011					
Mercury	0.86	0.10	0.833	0.03	99.0	70 - 130	2.81	20	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Mercury by AA (Cold Vapor) EPA 7471 - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0893 - EPA 7471									
Blank (B1L0893-BLK1)				Prepared: 12/29/2011 Analyzed: 12/29/2011					
Mercury	ND	0.10			NR				

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Mercury by AA (Cold Vapor) EPA 7471 - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0893 - EPA 7471 (continued)									
LCS (B1L0893-BS1)				Prepared: 12/29/2011 Analyzed: 12/29/2011					
Mercury	0.78	0.10	0.833		94.2	80 - 120			

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Mercury by AA (Cold Vapor) EPA 7471 - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0893 - EPA 7471 (continued)									
Duplicate (B1L0893-DUP1)		**Source: 1100820-40**		Prepared: 12/29/2011 Analyzed: 12/29/2011					
Mercury	0.01	0.10		0.01	NR		14.7	20	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Mercury by AA (Cold Vapor) EPA 7471 - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0893 - EPA 7471 (continued)									
Matrix Spike (B1L0893-MS1)		**Source: 1100820-40**		Prepared: 12/29/2011 Analyzed: 12/29/2011					
Mercury	0.78	0.10	0.833	0.01	92.2	70 - 130			

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Mercury by AA (Cold Vapor) EPA 7471 - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0893 - EPA 7471 (continued)									
Matrix Spike Dup (B1L0893-MSD1)		**Source: 1100820-40**		Prepared: 12/29/2011 Analyzed: 12/29/2011					
Mercury	0.79	0.10	0.833	0.01	92.9	70 - 130	0.757	20	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Mercury by AA (Cold Vapor) EPA 7471 - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0894 - EPA 7471									
Blank (B1L0894-BLK1)				Prepared: 12/28/2011 Analyzed: 12/30/2011					
Mercury	ND	0.10			NR				

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Mercury by AA (Cold Vapor) EPA 7471 - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0894 - EPA 7471 (continued)									
LCS (B1L0894-BS1)				Prepared: 12/28/2011 Analyzed: 12/30/2011					
Mercury	0.80	0.10	0.833		96.3	80 - 120			

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Mercury by AA (Cold Vapor) EPA 7471 - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0894 - EPA 7471 (continued)									
Duplicate (B1L0894-DUP1)		**Source: 1100820-50**		Prepared: 12/28/2011 Analyzed: 12/30/2011					
Mercury	0.03	0.10		0.02	NR		1.05	20	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Mercury by AA (Cold Vapor) EPA 7471 - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0894 - EPA 7471 (continued)									
Matrix Spike (B1L0894-MS1)		**Source: 1100820-50**		Prepared: 12/28/2011 Analyzed: 12/30/2011					
Mercury	0.85	0.10	0.833	0.02	98.6	70 - 130			

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Mercury by AA (Cold Vapor) EPA 7471 - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0894 - EPA 7471 (continued)									
Matrix Spike Dup (B1L0894-MSD1)		**Source: 1100820-50**		Prepared: 12/28/2011 Analyzed: 12/30/2011					
Mercury	0.83	0.10	0.833	0.02	96.8	70 - 130	1.79	20	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Mercury by AA (Cold Vapor) EPA 7471 - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0896 - EPA 7471									
Blank (B1L0896-BLK1)				Prepared: 12/28/2011 Analyzed: 12/30/2011					
Mercury	ND	0.10			NR				

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Mercury by AA (Cold Vapor) EPA 7471 - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0896 - EPA 7471 (continued)									
LCS (B1L0896-BS1)				Prepared: 12/28/2011 Analyzed: 12/30/2011					
Mercury	0.84	0.10	0.833		101	80 - 120			

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Mercury by AA (Cold Vapor) EPA 7471 - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0896 - EPA 7471 (continued)									
Duplicate (B1L0896-DUP1)		**Source: 1100820-60**		Prepared: 12/28/2011 Analyzed: 12/30/2011					
Mercury	0.07	0.10		0.07	NR		0.358	20	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Mercury by AA (Cold Vapor) EPA 7471 - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0896 - EPA 7471 (continued)									
Matrix Spike (B1L0896-MS1)		**Source: 1100820-60**		Prepared: 12/28/2011 Analyzed: 12/30/2011					
Mercury	0.86	0.10	0.833	0.07	95.1	70 - 130			

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Mercury by AA (Cold Vapor) EPA 7471 - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0896 - EPA 7471 (continued)									
Matrix Spike Dup (B1L0896-MSD1)		**Source: 1100820-60**		Prepared: 12/28/2011 Analyzed: 12/30/2011					
Mercury	0.85	0.10	0.833	0.07	94.3	70 - 130	0.702	20	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Mercury by AA (Cold Vapor) EPA 7471 - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0897 - EPA 7471									
Blank (B1L0897-BLK1)				Prepared: 12/28/2011 Analyzed: 12/30/2011					
Mercury	ND	0.10			NR				

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6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Mercury by AA (Cold Vapor) EPA 7471 - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0897 - EPA 7471 (continued)									
LCS (B1L0897-BS1)				Prepared: 12/28/2011 Analyzed: 12/30/2011					
Mercury	0.74	0.10	0.833		89.2	80 - 120			

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Mercury by AA (Cold Vapor) EPA 7471 - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0897 - EPA 7471 (continued)									
Duplicate (B1L0897-DUP1)		**Source: 1100820-70**		Prepared: 12/28/2011 Analyzed: 12/30/2011					
Mercury	0.03	0.10		0.03	NR		2.22	20	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Mercury by AA (Cold Vapor) EPA 7471 - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0897 - EPA 7471 (continued)									
Matrix Spike (B1L0897-MS1)		**Source: 1100820-70**		Prepared: 12/28/2011 Analyzed: 12/30/2011					
Mercury	0.82	0.10	0.833	0.03	95.3	70 - 130			

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6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Mercury by AA (Cold Vapor) EPA 7471 - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0897 - EPA 7471 (continued)									
Matrix Spike Dup (B1L0897-MSD1)		**Source: 1100820-70**		Prepared: 12/28/2011 Analyzed: 12/30/2011					
Mercury	0.81	0.10	0.833	0.03	94.3	70 - 130	1.03	20	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Mercury by AA (Cold Vapor) EPA 7471 - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0898 - EPA 7471									
Blank (B1L0898-BLK1)				Prepared: 12/28/2011 Analyzed: 12/30/2011					
Mercury	ND	0.10			NR				

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6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Mercury by AA (Cold Vapor) EPA 7471 - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0898 - EPA 7471 (continued)									
LCS (B1L0898-BS1)				Prepared: 12/28/2011 Analyzed: 12/30/2011					
Mercury	0.69	0.10	0.833		83.2	80 - 120			

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Mercury by AA (Cold Vapor) EPA 7471 - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0898 - EPA 7471 (continued)									
Duplicate (B1L0898-DUP1)		**Source: 1100820-72**		Prepared: 12/28/2011 Analyzed: 12/30/2011					
Mercury	0.02	0.10		0.03	NR		1.70	20	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Mercury by AA (Cold Vapor) EPA 7471 - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0898 - EPA 7471 (continued)									
Matrix Spike (B1L0898-MS1)		**Source: 1100820-72**		Prepared: 12/28/2011 Analyzed: 12/30/2011					
Mercury	0.81	0.10	0.833	0.03	94.4	70 - 130			

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Mercury by AA (Cold Vapor) EPA 7471 - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0898 - EPA 7471 (continued)									
Matrix Spike Dup (B1L0898-MSD1)		**Source: 1100820-72**		Prepared: 12/28/2011 Analyzed: 12/30/2011					
Mercury	0.82	0.10	0.833	0.03	95.1	70 - 130	0.639	20	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

pH by EPA 9045C - Quality Control

Analyte	Result (pH Units)	PQL (pH Units)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0953 - Prep_WC_1_S									
Duplicate (B1L0953-DUP1)		**Source: 1100821-10**		Prepared: 12/29/2011 Analyzed: 12/29/2011					
pH	8.2	0.10		8.2	NR		0.7	20	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Notes and Definitions

R	RPD value outside acceptance criteria. Calculation is based on raw values.
M1	Matrix spike recovery outside of acceptance limit. The analytical batch was validated by the laboratory control sample.
ND	Analyte not detected at or above reporting limit
PQL	Practical Quantitation Limit
MDL	Method Detection Limit
NR	Not Reported
RPD	Relative Percent Difference
CA1	CA-NELAP (CDPH)
CA2	CA-ELAP (CDPH)
OR1	OR-NELAP (OSPHL)
TX1	TX-NELAP (TCEQ)

CHAIN OF CUSTODY RECORD

Advanced Technology Laboratories
3275 Walnut Avenue
Signal Hill, CA 90755
(562) 989-4045 • Fax (562) 989-4040

FOR LABORATORY USE ONLY:

P.O.#:

Logged By: Date: 12/28/11

Method of Transport: Client ☑ ATL ☐ CA OverN ☐ FEDEX ☐ Other: GSO

3.4 16 Sample Condition Upon Receipt

1. CHILLED Y☑ N☐ 4. SEALED Y☐ N☐
2. HEADSPACE (VOA) Y☐ N☐ 5. # OF SPLS MATCH COC Y☐ N☐
3. CONTAINER INTACT Y☐ N☐ 6. PRESERVED Y☐ N☐

Client: GEOCON CONSULTANTS, INC.
Attn: L. BEADLE
Address: 6671 Brisa Street
City: Livermore State: CA Zip Code: 94550
TEL: (925) 371-5900
FAX: (925) 371-5915

Project Name: TO-16 Project #: E8560-06-16 Sampler: (Printed Name) CHRIS GIUNTOLI (Signature)

Relinquished by: (Signature and Printed Name) Date: 12/27/11 Time: 1730 Received by: (Signature and Printed Name) Date: 12/28/11 Time: 8:14
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:

I hereby authorize ATL to perform the work indicated below:
Project Mgr / Submitter:
D. WATTS
Print Name Date
Signature

Send Report To:
Attn:
Co: SAME AS ABOVE
Address
City State Zip

Bill To:
Attn:
Co: SAME AS ABOVE
Address
City State Zip

Special Instructions/Comments:
10% of Pb + CAM 17 Samples to be analyzed for pH (Lab)

Sample/Records - Archival & Disposal
Unless otherwise requested by client, all samples will be disposed 45 days after receipt and records will be disposed 1 year after submittal of final report.

Storage Fees (applies when storage is requested):
- Sample : $2.00 / sample / mo (after 45 days)
- Records : $1.00 / ATL workorder / mo (after 1 year)

Circle or Add Analysis(es) Requested: 8081A (Pesticides), 8082 (PCB), 8260B (Volatiles), 8270C (BNA), 6010B (Total Metal), 8015B (GRO) / BTEX, 8015B (DRO), 8021 (BTEX), TITLE 22 CAM 17 (6010 / 7000)

SPECIFY APPROPRIATE MATRIX: SOIL, WATER, GROUND WATER, WASTEWATER

QA/QC: RTNE ☐ CT ☒ SWRCB ☐ Logcode ____ OTHER ____

ITEM	LAB USE ONLY: Batch #: / Lab No.	Sample Description: Sample I.D. / Location	Date	Time	8081A	8082	8260B	8270C	6010B	8015B (GRO) / BTEX	8015B (DRO)	8021 (BTEX)	TITLE 22 CAM 17 (6010 / 7000)	SOIL	WATER	GROUND WATER	WASTEWATER	TAT	Container(s) #	Container(s) Type	PRESERVATION	REMARKS
	1100820-01	G463-0	12/27/11	0850									X	X				48 hr	1	P	T	C	
	2	G463-0.5		0851																		
	3	G463-1.5		0852																		
	4	G463-2.5		0852																		
	5	G464-0		0900																		
	6	G464-0.5		0901																		
	7	G464-1.5		0902																		
	8	G464-2.5		0903																		

• TAT starts 8 a.m. following day if samples received after 3 p.m.

TAT: A= Overnight ≤ 24 hr B= Emergency Next workday C= Critical 2 Workdays D= Urgent 3 Workdays E= Routine 7 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=Hcl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

DISTRIBUTION: White with report Yellow to folder Pink to submitter

CHAIN OF CUSTODY RECORD

Advanced Technology Laboratories
3275 Walnut Avenue
Signal Hill, CA 90755
(562) 989-4045 • Fax (562) 989-4040

FOR LABORATORY USE ONLY:

P.O.#: _____

Logged By: _____ Date: _____

Method of Transport: Client ☐ ATL ☐ CA OverN ☐ FEDEX ☐ Other: GSO

Sample Condition Upon Receipt: 1. CHILLED Y☐ N☐ 2. HEADSPACE (VOA) Y☐ N☐ 3. CONTAINER INTACT Y☐ N☐ 4. SEALED Y☐ N☐ 5. # OF SPLS MATCH COC Y☐ N☐ 6. PRESERVED Y☐ N☐

Client: GEOCON CONSULTANTS, INC.
Attn: L. BEADLE
Address: 6671 Brisa Street
City: Livermore State: CA Zip Code: 94550
TEL: (925) 371-5900
FAX: (925) 371-5915

Project Name: TO-16 Project #: E8560-06-16 Sampler: (Printed Name) CHRIS GIUTZI (Signature)

Relinquished by: (Signature and Printed Name) Date: 12/27/11 Time: 1730 Received by: (Signature and Printed Name) Date: 12/28/11 Time: 8:01

Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:

Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:

I hereby authorize ATL to perform the work indicated below:
Project Mgr (Submitter)
D. WATTS 12/27/11
Print Name Date
Signature

Send Report To:
Attn: _____
Co: SAME AS ABOVE
Address _____
City _____ State _____ Zip _____

Bill To:
Attn: _____
Co: SAME AS ABOVE
Address _____
City _____ State _____ Zip _____

Special Instructions/Comments:
10% OF Pb & CAM 17 SAMPLES TO BE ANALYZED FOR pH (LAB)

Sample/Records - Archival & Disposal
Unless otherwise requested by client, all samples will be disposed 45 days after receipt and records will be disposed 1 year after submittal of final report.

Storage Fees (applies when storage is requested):
- Sample : $2.00 / sample / mo (after 45 days)
- Records : $1.00 / ATL workorder / mo (after 1 year)

Circle or Add Analysis(es) Requested: 8081A (Pesticides), 8082 (PCB), 8260B (Volatiles), 8270C (BNA), 6010B (Total Metal), 8015B (GRO) / BTEX, 8015B (DRO), 8021 (BTEX), TITLE 22 (CAM 17 (6010 / 7000)), pH

SPECIFY APPROPRIATE MATRIX: SOIL, WATER, GROUND WATER, WASTEWATER

ITEM	LAB USE ONLY: Batch #: / Lab No.	Sample Description: Sample I.D. / Location	Date	Time	8081A	8082	8260B	8270C	6010B	8015B (GRO) / BTEX	8015B (DRO)	8021 (BTEX)	TITLE 22 (CAM 17 (6010 / 7000))	pH	SOIL	WATER	GROUND WATER	WASTEWATER	TAT	Container(s) #	Container(s) Type	PRESERVATION	REMARKS
	1100680- 9.	G465-0	12/27/11	0940									X		X				48 HR	1	PT	C	
	10.	G465-0.5		0941																			
	11.	G465-1.5		0942																			
	12.	G465-2.0		0943																			
	13.	G466-0		0950																			
	14.	G466-0.5		0951																			
	15.	G466-1.5		0952																			
	16.	G466-2.5		0953																			

QA/QC: RTNE ☐ CT ☒ SWRCB ☐ Logcode ____ OTHER ____

• TAT starts 8 a.m. following day if samples received after 3 p.m.

TAT: A= Overnight ≤ 24 hr B= Emergency Next workday C= Critical 2 Workdays D= Urgent 3 Workdays E= Routine 7 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=HCl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

DISTRIBUTION: White with report Yellow to folder Pink to submitter

CHAIN OF CUSTODY RECORD

Advanced Technology Laboratories
3275 Walnut Avenue
Signal Hill, CA 90755
(562) 989-4045 • Fax (562) 989-4040

FOR LABORATORY USE ONLY:

P.O.#: _____

Logged By: _____ Date: _____

Method of Transport: Client ☐ ATL ☐ CA OverN ☐ FEDEX ☐ Other: GSO

Sample Condition Upon Receipt: 1. CHILLED Y☐ N☐ 2. HEADSPACE (VOA) Y☐ N☐ 3. CONTAINER INTACT Y☐ N☐ 4. SEALED Y☐ N☐ 5. # OF SPLS MATCH COC Y☐ N☐ 6. PRESERVED Y☐ N☐

Client: GEOCON CONSULTANTS, INC.
Attn: L. BEADLE
Address: 6671 Brisa Street
City: Livermore State: CA Zip Code: 94550
TEL: (925) 371-5900
FAX: (925) 371-5915

Project Name: TO-16 Project #: E8560-06-16 Sampler: (Printed Name) CHRIS GIONTZI (Signature)

Relinquished by: (Signature and Printed Name) Date: 12/27/11 Time: 1730 Received by: (Signature and Printed Name) Date: 12/28/11 Time: 8:24

Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:

Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:

I hereby authorize ATL to perform the work indicated below:
Project Mgr / Submitter: D. WATTS 12/27/11
Print Name Date
Signature

Send Report To:
Attn: _____
Co: SAME AS ABOVE
Address _____
City _____ State _____ Zip _____

Bill To:
Attn: _____
Co: SAME AS ABOVE
Address _____
City _____ State _____ Zip _____

Special Instructions/Comments:
10% OF Pb & CAM17 SAMPLES TO BE ANALYZED FOR pH (LAB)

Sample/Records - Archival & Disposal
Unless otherwise requested by client, all samples will be disposed 45 days after receipt and records will be disposed 1 year after submittal of final report.

Storage Fees (applies when storage is requested):
- Sample : $2.00 / sample / mo (after 45 days)
- Records : $1.00 / ATL workorder / mo (after 1 year)

Circle or Add Analysis(es) Requested

ITEM	LAB USE ONLY: Batch #: / Lab No.	Sample Description: Sample I.D. / Location	Date	Time	8081A (Pesticides)	8082 (PCB)	8260B (Volatiles)	8270C (BNA)	6010B (Total Metal)	8015B (GRO) / BTEX	8015B (DRO)	8021 (BTEX)	TITLE 22 / CAM 17 (6010 / 7000)	SOIL	WATER	GROUND WATER	WASTEWATER	TAT	Container(s) #	Container(s) Type	PRESERVATION	REMARKS
	1100250 ~ 17.	G467-0	12/27/11	1000									X	X				48 HR	1	PT	C	
	18.	G467-0.5		1001																		
	19.	G467-1.5		1002																		
	20.	G467-2.5		1003																		
	21.	G468-0		1007																		
	22.	G468-0.5		1008																		
	23.	G468-1.5		1009																		
	24.	G468-2.5		1010																		

QA/QC: RTNE ☐ CT ☒ SWRCB ☐ Logcode ____ OTHER ____

• TAT starts 8 a.m. following day if samples received after 3 p.m.

TAT: A= Overnight ≤ 24 hr B= Emergency Next workday C= Critical 2 Workdays D= Urgent 3 Workdays E= Routine 7 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=Hcl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

DISTRIBUTION: White with report Yellow to folder Pink to submitter

CHAIN OF CUSTODY RECORD

Advanced Technology Laboratories
3275 Walnut Avenue
Signal Hill, CA 90755
(562) 989-4045 • Fax (562) 989-4040

FOR LABORATORY USE ONLY:

P.O.#: _____

Logged By: _____ Date: _____

Method of Transport: Client ☐ ATL ☐ CA OverN ☐ FEDEX ☐ Other: GSO

Sample Condition Upon Receipt: 1. CHILLED Y☐ N☐ 2. HEADSPACE (VOA) Y☐ N☐ 3. CONTAINER INTACT Y☐ N☐ 4. SEALED Y☐ N☐ 5. # OF SPLS MATCH COC Y☐ N☐ 6. PRESERVED Y☐ N☐

Client: GEOCON CONSULTANTS, INC.
Attn: L. BEADLE
Address: 6671 Brisa Street
City: Livermore State: CA Zip Code: 94550
TEL: (925) 371-5900
FAX: (925) 371-5915

Project Name: TO-16 Project #: E8560-06-16 Sampler: (Printed Name) CHRIS GILMOUR (Signature)

Relinquished by: (Signature and Printed Name) Date: 12/27/11 Time: 1730 Received by: (Signature and Printed Name) Date: 12/28/11 Time: 814

Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:

Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:

I hereby authorize ATL to perform the work indicated below:
Project Mgr / Submitter: D. WATTS 12/27/11
Print Name Date
Signature

Send Report To: Attn: _____ Co: SAME AS ABOVE Address _____ City _____ State _____ Zip _____

Bill To: Attn: _____ Co: SAME AS ABOVE Address _____ City _____ State _____ Zip _____

Special Instructions/Comments: 10% of Pb & CAM 17 SAMPLES TO BE ANALYZED FOR pH (LAB)

Sample/Records - Archival & Disposal
Unless otherwise requested by client, all samples will be disposed 45 days after receipt and records will be disposed 1 year after submittal of final report.

Storage Fees (applies when storage is requested):
- Sample : $2.00 / sample / mo (after 45 days)
- Records : $1.00 / ATL workorder / mo (after 1 year)

Circle or Add Analysis(es) Requested: 8081A (Pesticides), 8082 (PCB), 8260B (Volatiles), 8270C (BNA), 6010B (Total Metal), 8015B (GRO) / BTEX, 8015B (DRO), 8021 (BTEX), TITLE 22 CAM 17 (6010 / 7000)

SPECIFY APPROPRIATE MATRIX: SOIL, WATER, GROUND WATER, WASTEWATER

QA/QC: RTNE ☐ CT ☒ SWRCB ☐ Logcode ____ OTHER ____

ITEM	LAB USE ONLY: Batch #: / Lab No.	Sample Description: Sample I.D. / Location	Date	Time	TAT	Container(s) #	Container(s) Type	PRESERVATION	REMARKS
	1100880 - 25.	G512-0	12/27/11	1030	48 HR	1	PT	C	
	26.	G512-0.5		1031					
	27	G512-1.5		1032					
	28	G512-2.5		1033					
	29.	G513-0		1037					
	30.	G513-0.5		1038					
	31.	G513-1.5		1039					
	32.	G513-2.5		1040					

• TAT starts 8 a.m. following day if samples received after 3 p.m.

TAT: A= Overnight ≤ 24 hr; B= Emergency Next workday; C= Critical 2 Workdays; D= Urgent 3 Workdays; E= Routine 7 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=Hcl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

DISTRIBUTION: White with report Yellow to folder Pink to submitter

CHAIN OF CUSTODY RECORD

Advanced Technology Laboratories
3275 Walnut Avenue
Signal Hill, CA 90755
(562) 989-4045 • Fax (562) 989-4040

FOR LABORATORY USE ONLY:

P.O.#: _____

Logged By: _____ Date: _____

Method of Transport: Client ☐ ATL ☐ CA OverN ☐ FEDEX ☐ Other: GSO

Sample Condition Upon Receipt: 1. CHILLED Y☐ N☐ 2. HEADSPACE (VOA) Y☐ N☐ 3. CONTAINER INTACT Y☐ N☐ 4. SEALED Y☐ N☐ 5. # OF SPLS MATCH COC Y☐ N☐ 6. PRESERVED Y☐ N☐

Client: GEOCON CONSULTANTS, INC.
Attn: L. BEADLE
Address: 6671 Brisa Street
City: Livermore State: CA Zip Code: 94550
TEL: (925) 371-5900
FAX: (925) 371-5915

Project Name: TO-16 Project #: E8560-06-16 Sampler: (Printed Name) CHRIS GIONTOLI (Signature)

Relinquished by: (Signature and Printed Name) Date: 12/27/11 Time: 1730 Received by: (Signature and Printed Name) Date: 12/28/11 Time: 8:21

Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:

Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:

I hereby authorize ATL to perform the work indicated below:
Project Mgr (Submitter): D. WATTS 12/27/11
Print Name Date
Signature

Send Report To:
Attn: _____
Co: SAME AS ABOVE
Address _____
City _____ State _____ Zip _____

Bill To:
Attn: _____
Co: SAME AS ABOVE
Address _____
City _____ State _____ Zip _____

Special Instructions/Comments:
10% OF PB & CAM 17 SAMPLES TO BE ANALYZED FOR PH (LAB)

Sample/Records - Archival & Disposal
Unless otherwise requested by client, all samples will be disposed 45 days after receipt and records will be disposed 1 year after submittal of final report.

Storage Fees (applies when storage is requested):
- Sample : $2.00 / sample / mo (after 45 days)
- Records : $1.00 / ATL workorder / mo (after 1 year)

Circle or Add Analysis(es) Requested: 8081A (Pesticides), 8082 (PCB), 8260B (Volatiles), 8270C (BNA), 6010B (Total Metal), 8015B (GRO) / BTEX, 8015B (DRO), 8021 (BTEX), TITLE 22, CAM 17 (6010 / 7000)

SPECIFY APPROPRIATE MATRIX: SOIL, WATER, GROUND WATER, WASTEWATER

QA/QC: RTNE ☐ CT ☒ SWRCB ☐ Logcode ____ OTHER ____

ITEM	LAB USE ONLY: Batch #: / Lab No.	Sample Description: Sample I.D. / Location	Date	Time	8081A (Pesticides)	8082 (PCB)	8260B (Volatiles)	8270C (BNA)	6010B (Total Metal)	8015B (GRO) / BTEX	8015B (DRO)	8021 (BTEX)	TITLE 22	CAM 17 (6010 / 7000)	SOIL	WATER	GROUND WATER	WASTEWATER	TAT	Container(s) #	Container(s) Type	PRESERVATION	REMARKS
	1100820 33.	G510-0	12/27/11	1015									X		X				48 HR	1	P T	C	
	34.	G510-0.5		1016																			
	35.	G510-1.5		1017																			
	36.	G510-2.5		1018																			
	37.	G511-0		1022																			
	38.	G511-0.5		1023																			
	39.	G511-1.5		1024																			
	40.	G511-2.5		1025																			

• TAT starts 8 a.m. following day if samples received after 3 p.m.

TAT: A= Overnight ≤ 24 hr B= Emergency Next workday C= Critical 2 Workdays D= Urgent 3 Workdays E= Routine 7 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=Hcl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

DISTRIBUTION: White with report Yellow to folder Pink to submitter

CHAIN OF CUSTODY RECORD

Advanced Technology Laboratories
3275 Walnut Avenue
Signal Hill, CA 90755
(562) 989-4045 • Fax (562) 989-4040

FOR LABORATORY USE ONLY:

P.O.#: _____

Logged By: _____ Date: _____

Method of Transport: Client ☐ ATL ☐ CA OverN ☐ FEDEX ☐ Other: GSO

Sample Condition Upon Receipt: 1. CHILLED Y☐ N☐ 2. HEADSPACE (VOA) Y☐ N☐ 3. CONTAINER INTACT Y☐ N☐ 4. SEALED Y☐ N☐ 5. # OF SPLS MATCH COC Y☐ N☐ 6. PRESERVED Y☐ N☐

Client: GEOCON CONSULTANTS, INC.
Attn: L. BEADLE
Address: 6671 Brisa Street
City: Livermore State: CA Zip Code: 94550
TEL: (925) 371-5900
FAX: (925) 371-5915

Project Name: TO-16 Project #: E8560-06-16 Sampler: (Printed Name) CHRIS GIULIANI (Signature)

Relinquished by: (Signature and Printed Name) Date: 12/27/11 Time: 1130 Received by: (Signature and Printed Name) Date: 12/28/11 Time: 9:14

Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:

Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:

I hereby authorize ATL to perform the work indicated below:
Project Mgr / Submitter: D. WATTS 12/27/11
Print Name Date
Signature

Send Report To: Attn: _____ Co: SAME AS ABOVE Address _____ City _____ State _____ Zip _____

Bill To: Attn: _____ Co: SAME AS ABOVE Address _____ City _____ State _____ Zip _____

Special Instructions/Comments: 10% OF Pb & CAM 17 SAMPLES TO BE ANALYZED FOR pH (LAB

Sample/Records - Archival & Disposal
Unless otherwise requested by client, all samples will be disposed 45 days after receipt and records will be disposed 1 year after submittal of final report.

Storage Fees (applies when storage is requested):
- Sample : $2.00 / sample / mo (after 45 days)
- Records : $1.00 / ATL workorder / mo (after 1 year)

Circle or Add Analysis(es) Requested: 8081A (Pesticides), 8082 (PCB), 8260B (Volatiles), 8270C (BNA), 6010B (Total Metal), 8015B (GRO) / BTEX, 8015B (DRO), 8021 (BTEX), TITLE 22, CAM 17 (6010 / 7000)

SPECIFY APPROPRIATE MATRIX: SOIL, WATER, GROUND WATER, WASTEWATER

QA/QC: RTNE ☐ CT ☒ SWRCB ☐ Logcode ____ OTHER ____

ITEM	LAB USE ONLY: Batch #: / Lab No.	Sample Description: Sample I.D. / Location	Date	Time	8081A (Pesticides)	8082 (PCB)	8260B (Volatiles)	8270C (BNA)	6010B (Total Metal)	8015B (GRO) / BTEX	8015B (DRO)	8021 (BTEX)	TITLE 22	CAM 17 (6010 / 7000)	SOIL	WATER	GROUND WATER	WASTEWATER	TAT	Container(s) #	Container(s) Type	PRESERVATION	REMARKS
	1100887 41.	G516-0	12/27/11	1100									X		X				48 HR	1	P	T	C
	42.	G516-0.5		1101																			
	43.	G516-1.5		1102																			
	44.	G516-2.5		1103																			
	45	G517-0		1110																			
	46	G517-0.5		1111																			
	47	G517-1.5		1112																			
	48	G517-2.5		1113																			

• TAT starts 8 a.m. following day if samples received after 3 p.m.

TAT: A= Overnight ≤ 24 hr B= Emergency Next workday C= Critical 2 Workdays D= Urgent 3 Workdays E= Routine 7 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=HCl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

DISTRIBUTION: White with report Yellow to folder Pink to submitter

CHAIN OF CUSTODY RECORD

Advanced Technology Laboratories
3275 Walnut Avenue
Signal Hill, CA 90755
(562) 989-4045 • Fax (562) 989-4040

FOR LABORATORY USE ONLY:

P.O.#: _____

Logged By: _____ Date: _____

Method of Transport: Client ☐ ATL ☐ CA OverN ☐ FEDEX ☐ Other: GSO

Sample Condition Upon Receipt: 1. CHILLED Y☐ N☐ 2. HEADSPACE (VOA) Y☐ N☐ 3. CONTAINER INTACT Y☐ N☐ 4. SEALED Y☐ N☐ 5. # OF SPLS MATCH COC Y☐ N☐ 6. PRESERVED Y☐ N☐

Client: GEOCON CONSULTANTS, INC.
Attn: L. BEADLE
Address: 6671 Brisa Street
City: Livermore State: CA Zip Code: 94550
TEL: (925) 371-5900
FAX: (925) 371-5915

Project Name: TO-16 Project #: E8560-06-16 Sampler: (Printed Name) CHRIS GIUNTOLI (Signature)

Relinquished by: (Signature and Printed Name) Date: 12/27/11 Time: 1130 Received by: (Signature and Printed Name) Date: 12/28/11 Time: 814

Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:

Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:

I hereby authorize ATL to perform the work indicated below:
Project Mgr / Submitter: D. WATTS 12/27/11
Print Name Date
Signature

Send Report To:
Attn: _____
Co: SAME AS ABOVE
Address _____
City _____ State _____ Zip _____

Bill To:
Attn: _____
Co: SAME AS ABOVE
Address _____
City _____ State _____ Zip _____

Special Instructions/Comments:
10% OF Pb & CAM 17 SAMPLES TO BE ANALYZED FOR pH (LAB)

Sample/Records - Archival & Disposal
Unless otherwise requested by client, all samples will be disposed 45 days after receipt and records will be disposed 1 year after submittal of final report.

Storage Fees (applies when storage is requested):
- Sample : $2.00 / sample / mo (after 45 days)
- Records : $1.00 / ATL workorder / mo (after 1 year)

Circle or Add Analysis(es) Requested: 8081A (Pesticides), 8082 (PCB), 8260B (Volatiles), 8270C (BNA), 6010B (Total Metal), 8015B (GRO) / BTEX, 8015B (DRO), 8021 (BTEX), TITLE 22 / CAM 17 (6010 / 7000)

SPECIFY APPROPRIATE MATRIX: SOIL, WATER, GROUND WATER, WASTEWATER

QA/QC: RTNE ☐ CT ☒ SWRCB ☐ Logcode ____ OTHER ____

ITEM	LAB USE ONLY: Batch #: / Lab No.	Sample Description: Sample I.D. / Location	Date	Time	8081A (Pesticides)	8082 (PCB)	8260B (Volatiles)	8270C (BNA)	6010B (Total Metal)	8015B (GRO) / BTEX	8015B (DRO)	8021 (BTEX)	TITLE 22 / CAM 17 (6010 / 7000)	SOIL	WATER	GROUND WATER	WASTEWATER	TAT	Container(s) #	Container(s) Type	PRESERVATION	REMARKS
	1100820-49	G514-0	12/27/11	1045									X	X				48 HR	1	P J	C	
	50	G514-0.5		1046																		
	51	G514-1.5		1047																		
	52	G514-2.5		1048																		
	53	G515-0		1052																		
	54	G515-0.5		1053																		
	55	G515-1.5		1054																		
	56	G515-2.5		1055																		

• TAT starts 8 a.m. following day if samples received after 3 p.m.

TAT: A= Overnight ≤ 24 hr B= Emergency Next workday C= Critical 2 Workdays D= Urgent 3 Workdays E= Routine 7 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=HCl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

DISTRIBUTION: White with report Yellow to folder Pink to submitter

CHAIN OF CUSTODY RECORD

Advanced Technology Laboratories
3275 Walnut Avenue
Signal Hill, CA 90755
(562) 989-4045 • Fax (562) 989-4040

FOR LABORATORY USE ONLY:

P.O.#: _____
Logged By: _____ Date: _____

Method of Transport: Client ☐ ATL ☐ CA OverN ☐ FEDEX ☐ Other: GSO

Sample Condition Upon Receipt: 1. CHILLED Y☐ N☐ 2. HEADSPACE (VOA) Y☐ N☐ 3. CONTAINER INTACT Y☐ N☐ 4. SEALED Y☐ N☐ 5. # OF SPLS MATCH COC Y☐ N☐ 6. PRESERVED Y☐ N☐

Client: GEOCON CONSULTANTS, INC.
Attn: L. BEADLE
Address: 6671 Brisa Street
City: Livermore State: CA Zip Code: 94550
TEL: (925) 371-5900
FAX: (925) 371-5915

Project Name: TO-16 Project #: E8560-06-16 Sampler: (Printed Name) CHRIS GIUNTOLI (Signature)

Relinquished by: (Signature and Printed Name) Date: 12/27/11 Time: 1730 Received by: (Signature and Printed Name) Date: 12/28/11 Time: 8:14
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:

I hereby authorize ATL to perform the work indicated below:
Project Mgr (Submitter): D. WATTS 12/27/11 (Print Name, Date)
Signature: WATTS

Send Report To: Attn: _____ Co: SAME AS ABOVE Address _____ City _____ State _____ Zip _____

Bill To: Attn: _____ Co: SAME AS ABOVE Address _____ City _____ State _____ Zip _____

Special Instructions/Comments: 10% OF Pb & CAM 17 SAMPLES TO BE ANALYZED FOR PH (LAB)

Sample/Records - Archival & Disposal
Unless otherwise requested by client, all samples will be disposed 45 days after receipt and records will be disposed 1 year after submittal of final report.

Storage Fees (applies when storage is requested):
- Sample : $2.00 / sample / mo (after 45 days)
- Records : $1.00 / ATL workorder / mo (after 1 year)

Circle or Add Analysis(es) Requested: 8081A (Pesticides), 8082 (PCB), 8260B (Volatiles), 8270C (BNA), 6010B (Total Metal), 8015B (GRO) / BTEX, 8015B (DRO), 8021 (BTEX), TITLE 22, CAM 17 (6010 / 7000)

SPECIFY APPROPRIATE MATRIX: SOIL, WATER, GROUND WATER, WASTEWATER

QA/QC: RTNE ☐ CT ☒ SWRCB ☐ Logcode ____ OTHER ____

ITEM	LAB USE ONLY: Batch #: / Lab No.	Sample Description: Sample I.D. / Location	Date	Time	8081A	8082	8260B	8270C	6010B	8015B (GRO) / BTEX	8015B (DRO)	8021 (BTEX)	TITLE 22	CAM 17 (6010 / 7000)	SOIL	WATER	GROUND WATER	WASTEWATER	TAT	Container(s) #	Container(s) Type	PRESERVATION	REMARKS
	1100890-57.	G518-0	12/27/11	1120										X	X				48 HR	1	PT	C	
	58.	G518-0.5		1121																			
	59.	G518-1.5		1122																			
	60.	G518-2.5		1123																			
	61.	G519-0		1130																			
	62.	G519-0.5		1131																			
	63.	G519-1.5		1132																			
	64.	G519-2.5		1133																			

• TAT starts 8 a.m. following day if samples received after 3 p.m.

TAT: A= Overnight ≤ 24 hr B= Emergency Next workday C= Critical 2 Workdays D= Urgent 3 Workdays E= Routine 7 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=Hcl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

DISTRIBUTION: White with report Yellow to folder Pink to submitter

CHAIN OF CUSTODY RECORD

Advanced Technology Laboratories
3275 Walnut Avenue
Signal Hill, CA 90755
(562) 989-4045 • Fax (562) 989-4040

FOR LABORATORY USE ONLY:

P.O.#: _____

Logged By: _____ Date: _____

Method of Transport: Client ☐ ATL ☐ CA OverN ☐ FEDEX ☐ Other: GSO

Sample Condition Upon Receipt: 1. CHILLED Y☐ N☐ 2. HEADSPACE (VOA) Y☐ N☐ 3. CONTAINER INTACT Y☐ N☐ 4. SEALED Y☐ N☐ 5. # OF SPLS MATCH COC Y☐ N☐ 6. PRESERVED Y☐ N☐

Client: GEOCON CONSULTANTS, INC.
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Project Name: TO-16 Project #: E8560-06-16 Sampler: (Printed Name) CHRIS LAUTZOLI (Signature)

Relinquished by: (Signature and Printed Name) Date: 12/27/11 Time: 1730 Received by: (Signature and Printed Name) Date: 12/28/11 Time: 814

Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:

Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:

I hereby authorize ATL to perform the work indicated below:
Project Mgr / Submitter
D. WATTS 12/27/11
Print Name Date
Signature

Send Report To:
Attn: _____
Co: SAME AS ABOVE
Address _____
City _____ State _____ Zip _____

Bill To:
Attn: _____
Co: SAME AS ABOVE
Address _____
City _____ State _____ Zip _____

Special Instructions/Comments:
10% OF PB & CAM 17 SAMPLES TO BE ANALYZED FOR pH (LAB)

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SPECIFY APPROPRIATE MATRIX: SOIL, WATER, GROUND WATER, WASTEWATER

QA/QC: RTNE ☐ CT ☒ SWRCB ☐ Logcode ____ OTHER ____

ITEM	LAB USE ONLY: Batch #: / Lab No.	Sample Description: Sample I.D. / Location	Date	Time	8081A	8082	8260B	8270C	6010B	8015B (GRO) / BTEX	8015B (DRO)	8021 (BTEX)	TITLE 22	CAM 17 (6010 / 7000)	SOIL	WATER	GROUND WATER	WASTEWATER	TAT	Container(s) #	Container(s) Type	PRESERVATION	REMARKS
	1100820-65	G520-0	12/27/11	1138									✓		X				48 42	1	PT	C	
	66	G520-0.5		1138									↓		↓				↓	↓	↓	↓	
	67	G520-1.5		1140																			
	68	G520-2.5		1141																			
	69	G521-0		1146																			
	70	G521-0.5		1147																			
	71	G521-1.5		1148																			
	72	G521-2.5	↓	1149																			

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Preservatives: H=Hcl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

DISTRIBUTION: White with report Yellow to folder Pink to submitter

CHAIN OF CUSTODY RECORD

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Signal Hill, CA 90755
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FOR LABORATORY USE ONLY:

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Method of Transport: Client ☐ ATL ☐ CA OverN ☐ FEDEX ☐ Other: GSO

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Project Name: TO-16 Project #: E8560-06-16 Sampler: (Printed Name) CHRIS GUTOI (Signature)

Relinquished by: (Signature and Printed Name)	Date	Time	Received by: (Signature and Printed Name)	Date	Time
[signature]	12/27/11	1730	[signature]	12/28/11	8:4

I hereby authorize ATL to perform the work indicated below:
Project Mgr / Submitter: D. WATTS 12/27/11 (Print Name / Date)
Signature: [signature]

Send Report To: Attn: _____ Co: SAME AS ABOVE Address _____ City _____ State _____ Zip _____

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SPECIFY APPROPRIATE MATRIX: SOIL, WATER, GROUND WATER, WASTEWATER

ITEM	LAB USE ONLY: Batch #: / Lab No.	Sample Description: Sample I.D. / Location	Date	Time	TITLE 22 / CAM 17 (6010 / 7000)	SOIL	TAT	Container(s) #	Container(s) Type	PRESERVATION	QA/QC / REMARKS
	1101800-73	G428-0	12/27/11	1235	X	X	48 HR	1	P T	C	
	74	G428-0.5		1236							
	75	G428-1.5		1237							
	76	G428-2.5		1238							
	77	G428-3.5		1239							
	78	G428-4.5		1240							
	79	G428-5.5		1241							
	80	G428-6.5		1242							

QA/QC: RTNE ☐ CT ☒ SWRCB ☐ Logcode ____ OTHER ____

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Preservatives: H=Hcl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

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Project Name: TO-16 Project #: E8560-06-16 Sampler: (Printed Name) CHRIS GUNTON (Signature)

Relinquished by: (Signature and Printed Name) Date: 12/20/11 Time: 1730 Received by: (Signature and Printed Name) Date: 12/20/11 Time: 8:14

Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:

Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:

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Project Mgr (Submitter): D. WATTS 12/27/11
Print Name Date
Signature

Send Report To: Attn: _____ Co: SAME AS ABOVE Address _____ City _____ State _____ Zip _____

Bill To: Attn: _____ Co: SAME AS ABOVE Address _____ City _____ State _____ Zip _____

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SPECIFY APPROPRIATE MATRIX: SOIL, WATER, GROUND WATER, WASTEWATER

QA/QC: RTNE ☐ CT ☒ SWRCB ☐ Logcode ____ OTHER ____

ITEM	LAB USE ONLY: Batch #: / Lab No.	Sample Description: Sample I.D. / Location	Date	Time	TOTAL LEAD	SOIL	TAT	Container(s) #	Container(s) Type	PRESERVATION	REMARKS
	1100827 81.	G342-0	12/27/11	1410	X	X	48 HR	1	P	T C	
	82.	G342-0.5		1411							
	83.	G342-1.5		1412							
	84.	G342-2.5		1413							
	85.	G342-3.5		1414							
	86.	G342-4.5		1420							
	87.	G342-5.5		1421							
	88.	G342-6.5		1422							

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DISTRIBUTION: White with report Yellow to folder Pink to submitter

February 07, 2012

ELAP No.: 1838
NELAP No.: 02107CA
CSDLAC No.: 10196
ORELAP No.: CA300003

Luann Beadle
Geocon Consultants, Inc.
6671 Brisa Street
Livermore, CA 94550
Tel: (925) 371-5900
Fax:(925) 371-5915

Re: ATL Work Order Number : 1100820
Client Reference : TO-16, E8560-06-16

Enclosed are the results for sample(s) received on December 28, 2011 by Advanced Technology Laboratories. The sample(s) are tested for the parameters as indicated on the enclosed chain of custody in accordance with applicable laboratory certifications. The laboratory results contained in this report specifically pertains to the sample(s) submitted.

Thank you for the opportunity to serve the needs of your company. If you have any questions, please feel free to contact me or your Project Manager.

Sincerely,

Eddie Rodriguez
Laboratory Director

The cover letter and the case narrative are an integral part of this analytical report and its absence renders the report invalid. The report cannot be reproduced without written permission from the client and Advanced Technology Laboratories.

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www.atlglobal.com

Geocon Consultants, Inc.	Project Number : TO-16, E8560-06-16
6671 Brisa Street	Report To : Luann Beadle
Livermore , CA 94550	Reported : 02/07/2012

SUMMARY OF SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
G463-0	1100820-01	Soil	12/27/11 8:50	12/28/11 8:14
G463-1.5	1100820-03	Soil	12/27/11 8:52	12/28/11 8:14
G463-2.5	1100820-04	Soil	12/27/11 8:53	12/28/11 8:14
G464-1.5	1100820-07	Soil	12/27/11 9:02	12/28/11 8:14
G466-0.5	1100820-14	Soil	12/27/11 9:51	12/28/11 8:14
G467-0.5	1100820-18	Soil	12/27/11 10:01	12/28/11 8:14
G512-1.5	1100820-27	Soil	12/27/11 10:32	12/28/11 8:14
G510-1.5	1100820-35	Soil	12/27/11 10:17	12/28/11 8:14
G516-0.5	1100820-42	Soil	12/27/11 11:01	12/28/11 8:14
G517-0.5	1100820-46	Soil	12/27/11 11:11	12/28/11 8:14
G517-1.5	1100820-47	Soil	12/27/11 11:12	12/28/11 8:14
G517-2.5	1100820-48	Soil	12/27/11 11:13	12/28/11 8:14
G515-1.5	1100820-55	Soil	12/27/11 10:54	12/28/11 8:14
G518-1.5	1100820-59	Soil	12/27/11 11:22	12/28/11 8:14
G519-1.5	1100820-63	Soil	12/27/11 11:32	12/28/11 8:14
G520-1.5	1100820-67	Soil	12/27/11 11:40	12/28/11 8:14
G520-1.5	1100820-67	Soil	12/27/11 11:40	12/28/11 8:14
G521-2.5	1100820-72	Soil	12/27/11 11:49	12/28/11 8:14

Geocon Consultants, Inc.	Project Number : TO-16, E8560-06-16
6671 Brisa Street	Report To : Luann Beadle
Livermore , CA 94550	Reported : 02/07/2012

STLC Lead by AA (Direct Aspiration) by EPA 7420

Analyte: Lead **Analyst: SB**

Laboratory ID	Client Sample ID	Result	Units	PQL	MDL	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1100820-03	G463-1.5	**1.5**	mg/L	0.50	NA	1	B2A0192	01/06/2012	01/09/12 10:11	
1100820-04	G463-2.5	**2.5**	mg/L	0.50	NA	1	B2A0192	01/06/2012	01/09/12 10:11	
1100820-07	G464-1.5	**4.9**	mg/L	0.50	NA	1	B2A0192	01/06/2012	01/09/12 10:12	
1100820-14	G466-0.5	**4.8**	mg/L	0.50	NA	1	B2A0192	01/06/2012	01/09/12 10:12	
1100820-18	G467-0.5	**0.88**	mg/L	0.50	NA	1	B2A0192	01/06/2012	01/09/12 10:13	
1100820-27	G512-1.5	**2.0**	mg/L	0.50	NA	1	B2B0107	02/05/2012	02/06/12 16:43	
1100820-35	G510-1.5	**1.8**	mg/L	0.50	NA	1	B2A0192	01/06/2012	01/09/12 10:14	
1100820-42	G516-0.5	**3.7**	mg/L	0.50	NA	1	B2A0192	01/06/2012	01/09/12 10:15	
1100820-46	G517-0.5	**6.7**	mg/L	0.50	NA	1	B2A0192	01/06/2012	01/09/12 10:15	
1100820-47	G517-1.5	**5.5**	mg/L	0.50	NA	1	B2A0192	01/06/2012	01/09/12 10:15	
1100820-48	G517-2.5	**2.5**	mg/L	0.50	NA	1	B2A0192	01/06/2012	01/09/12 10:17	
1100820-55	G515-1.5	**2.6**	mg/L	0.50	NA	1	B2A0192	01/06/2012	01/09/12 10:18	
1100820-59	G518-1.5	**8.1**	mg/L	0.50	NA	1	B2A0192	01/06/2012	01/09/12 10:18	
1100820-67	G520-1.5	**18**	mg/L	2.5	NA	5	B2A0460	01/18/2012	01/20/12 12:40	
1100820-72	G521-2.5	**5.1**	mg/L	0.50	NA	1	B2A0192	01/06/2012	01/09/12 10:19	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	02/07/2012

TCLP Lead by AA (Direct Aspiration) EPA 7420

Analyte: Lead **Analyst: VV**

Laboratory ID	Client Sample ID	Result	Units	PQL	MDL	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1100820-67	G520-1.5	**ND**	mg/L	0.50	NA	1	B2A0220	01/09/2012	01/09/12 16:20	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	02/07/2012

Client Sample ID G463-0

Lab ID: 1100820-01

STLC Metals by ICP-AES by EPA 6010B **Analyst: KK**

Analyte	Result (mg/L)	PQL (mg/L)	MDL (mg/L)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Chromium	ND	1.0	NA	20	B2A0206	01/06/2012	01/09/12 11:59	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	02/07/2012

Client Sample ID G519-1.5

Lab ID: 1100820-63

STLC Metals by ICP-AES by EPA 6010B **Analyst: KK**

Analyte	Result (mg/L)	PQL (mg/L)	MDL (mg/L)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Chromium	ND	1.0	NA	20	B2A0206	01/06/2012	01/09/12 12:02	
Lead	**14**	1.0	NA	20	B2A0206	01/06/2012	01/09/12 12:02	

Geocon Consultants, Inc.	Project Number : TO-16, E8560-06-16
6671 Brisa Street	Report To : Luann Beadle
Livermore , CA 94550	Reported : 02/07/2012

QUALITY CONTROL SECTION

STLC Metals by ICP-AES by EPA 6010B - Quality Control

Analyte	Result (mg/L)	PQL (mg/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0206 - STLC Extraction									
Blank (B2A0206-BLK1)					Prepared: 1/6/2012 Analyzed: 1/9/2012				
Chromium	ND	1.0			NR				
Lead	ND	1.0			NR				
Blank (B2A0206-BLK2)					Prepared: 1/6/2012 Analyzed: 1/9/2012				
Chromium	ND	1.0			NR				
Lead	ND	1.0			NR				
LCS (B2A0206-BS1)					Prepared: 1/6/2012 Analyzed: 1/9/2012				
Chromium	1.7	0.10	2.00		86.8	85 - 115			
Lead	1.9	0.10	2.00		93.2	85 - 115			
Duplicate (B2A0206-DUP1)		**Source: 1100837-43**			Prepared: 1/6/2012 Analyzed: 1/9/2012				
Chromium	0.03	1.0		0.03	NR		1.75	20	
Lead	0.05	1.0		ND	NR			20	
Duplicate (B2A0206-DUP2)		**Source: 1100837-09**			Prepared: 1/6/2012 Analyzed: 1/9/2012				
Chromium	0.07	1.0		0.06	NR		5.62	20	
Lead	1.1	1.0		0.80	NR		34.2	20	R
Matrix Spike (B2A0206-MS1)		**Source: 1100837-43**			Prepared: 1/6/2012 Analyzed: 1/9/2012				
Chromium	2.4	0.10	2.50	0.03	95.0	74 - 103			
Lead	2.3	0.10	2.50	ND	90.3	33 - 131			
Matrix Spike (B2A0206-MS2)		**Source: 1100837-09**			Prepared: 1/6/2012 Analyzed: 1/9/2012				
Chromium	2.3	0.10	2.50	0.06	90.8	74 - 103			
Lead	3.1	0.10	2.50	0.80	92.5	33 - 131			
Matrix Spike Dup (B2A0206-MSD1)		**Source: 1100837-43**			Prepared: 1/6/2012 Analyzed: 1/9/2012				
Chromium	2.4	0.10	2.50	0.03	94.3	74 - 103	0.755	20	
Lead	2.2	0.10	2.50	ND	90.0	33 - 131	0.380	20	
Batch S2A0081 - B2A0206									
Instrument Blank (S2A0081-IBL1)					Prepared: 1/9/2012 Analyzed: 1/9/2012				
Chromium	ND	0.05			NR				
Lead	ND	0.05			NR				

Geocon Consultants, Inc.	Project Number : TO-16, E8560-06-16
6671 Brisa Street	Report To : Luann Beadle
Livermore , CA 94550	Reported : 02/07/2012

STLC Lead by AA (Direct Aspiration) by EPA 7420 - Quality Control

Analyte	Result (mg/L)	PQL (mg/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0192 - STLC Extraction									
Blank (B2A0192-BLK1)					Prepared: 1/6/2012 Analyzed: 1/9/2012				
Lead	ND	0.50			NR				
Blank (B2A0192-BLK2)					Prepared: 1/6/2012 Analyzed: 1/9/2012				
Lead	ND	0.50			NR				
LCS (B2A0192-BS1)					Prepared: 1/6/2012 Analyzed: 1/9/2012				
Lead	5.4	0.05	5.00		107	80 - 120			
Duplicate (B2A0192-DUP1)		**Source: 1100820-47**			Prepared: 1/6/2012 Analyzed: 1/9/2012				
Lead	6.5	0.50		5.5	NR		16.8	20	
Duplicate (B2A0192-DUP2)		**Source: 1100821-35**			Prepared: 1/6/2012 Analyzed: 1/9/2012				
Lead	15	2.5		12	NR		25.6	20	R
Matrix Spike (B2A0192-MS1)		**Source: 1100820-47**			Prepared: 1/6/2012 Analyzed: 1/9/2012				
Lead	10	0.10	5.00	5.5	96.9	80 - 120			
Matrix Spike (B2A0192-MS2)		**Source: 1100821-35**			Prepared: 1/6/2012 Analyzed: 1/9/2012				
Lead	18	0.25	5.00	12	127	80 - 120			M1
Matrix Spike Dup (B2A0192-MSD2)		**Source: 1100821-35**			Prepared: 1/6/2012 Analyzed: 1/9/2012				
Lead	18	0.25	5.00	12	123	80 - 120	1.05	20	M1
Batch B2A0460 - STLC Extraction									
Blank (B2A0460-BLK1)					Prepared: 1/18/2012 Analyzed: 1/20/2012				
Lead	ND	0.50			NR				
Blank (B2A0460-BLK2)					Prepared: 1/18/2012 Analyzed: 1/20/2012				
Lead	ND	0.50			NR				
LCS (B2A0460-BS1)					Prepared: 1/18/2012 Analyzed: 1/20/2012				
Lead	4.9	0.05	5.00		97.6	80 - 120			
Duplicate (B2A0460-DUP1)		**Source: 1100821-56**			Prepared: 1/18/2012 Analyzed: 1/20/2012				
Lead	52	5.0		54	NR		2.82	20	
Duplicate (B2A0460-DUP2)		**Source: 1100821-86**			Prepared: 1/18/2012 Analyzed: 1/20/2012				
Lead	21	2.5		21	NR		2.28	20	
Matrix Spike (B2A0460-MS1)		**Source: 1100821-56**			Prepared: 1/18/2012 Analyzed: 1/20/2012				
Lead	59	0.50	5.00	54	101	80 - 120			
Matrix Spike (B2A0460-MS2)		**Source: 1100821-86**			Prepared: 1/18/2012 Analyzed: 1/20/2012				
Lead	24	0.25	5.00	21	72.3	80 - 120			M1
Matrix Spike Dup (B2A0460-MSD1)		**Source: 1100821-56**			Prepared: 1/18/2012 Analyzed: 1/20/2012				
Lead	59	0.50	5.00	54	103	80 - 120	0.103	20	
Batch B2B0107 - STLC Extraction									

Geocon Consultants, Inc.	Project Number : TO-16, E8560-06-16
6671 Brisa Street	Report To : Luann Beadle
Livermore , CA 94550	Reported : 02/07/2012

STLC Lead by AA (Direct Aspiration) by EPA 7420 - Quality Control (cont'd)

Analyte	Result (mg/L)	PQL (mg/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B2B0107-BLK1)					Prepared: 2/5/2012 Analyzed: 2/6/2012				
Lead	ND	0.50			NR				
LCS (B2B0107-BS1)					Prepared: 2/5/2012 Analyzed: 2/6/2012				
Lead	5.0	0.05	5.00		100	80 - 120			
Duplicate (B2B0107-DUP1)		**Source: 1100820-27**			Prepared: 2/5/2012 Analyzed: 2/6/2012				
Lead	1.9	0.50		2.0	NR		4.93	20	
Matrix Spike (B2B0107-MS1)		**Source: 1100820-27**			Prepared: 2/5/2012 Analyzed: 2/6/2012				
Lead	6.8	0.05	5.00	2.0	95.8	80 - 120			
Matrix Spike Dup (B2B0107-MSD1)		**Source: 1100820-27**			Prepared: 2/5/2012 Analyzed: 2/6/2012				
Lead	6.8	0.05	5.00	2.0	96.7	80 - 120	0.691	20	
Batch S2A0073 - B2A0192									
Instrument Blank (S2A0073-IBL1)					Prepared: 1/9/2012 Analyzed: 1/9/2012				
Lead	ND	0.50			NR				
Batch S2A0236 - B2A0475									
Instrument Blank (S2A0236-IBL1)					Prepared: 1/20/2012 Analyzed: 1/20/2012				
Lead	ND	0.50			NR				
Batch S2B0070 - B2B0107									
Instrument Blank (S2B0070-IBL1)					Prepared: 2/6/2012 Analyzed: 2/6/2012				
Lead	ND	0.50			NR				

Geocon Consultants, Inc.	Project Number : TO-16, E8560-06-16
6671 Brisa Street	Report To : Luann Beadle
Livermore , CA 94550	Reported : 02/07/2012

TCLP Lead by AA (Direct Aspiration) EPA 7420 - Quality Control

Analyte	Result (mg/L)	PQL (mg/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0220 - EPA 3010A									
Blank (B2A0220-BLK1)					Prepared: 1/9/2012 Analyzed: 1/9/2012				
Lead	ND	0.50			NR				
Blank (B2A0220-BLK2)					Prepared: 1/9/2012 Analyzed: 1/9/2012				
Lead	ND	0.50			NR				
Blank (B2A0220-BLK3)					Prepared: 1/9/2012 Analyzed: 1/9/2012				
Lead	ND	0.50			NR				
Blank (B2A0220-BLK4)					Prepared: 1/9/2012 Analyzed: 1/9/2012				
Lead	ND	0.50			NR				
LCS (B2A0220-BS1)					Prepared: 1/9/2012 Analyzed: 1/9/2012				
Lead	0.97	0.50	1.00		97.5	80 - 120			
Duplicate (B2A0220-DUP1)		**Source: 1100821-86**			Prepared: 1/9/2012 Analyzed: 1/9/2012				
Lead	0.45	0.50		0.53	NR		16.9	20	
Duplicate (B2A0220-DUP2)		**Source: 1100821-56**			Prepared: 1/9/2012 Analyzed: 1/9/2012				
Lead	3.0	0.50		3.0	NR		0.0186	20	
Matrix Spike (B2A0220-MS1)		**Source: 1100821-86**			Prepared: 1/9/2012 Analyzed: 1/9/2012				
Lead	3.0	0.50	2.50	0.53	98.5	80 - 120			
Matrix Spike (B2A0220-MS2)		**Source: 1100821-56**			Prepared: 1/9/2012 Analyzed: 1/9/2012				
Lead	6.0	0.50	2.50	3.0	120	80 - 120			
Matrix Spike Dup (B2A0220-MSD1)		**Source: 1100821-86**			Prepared: 1/9/2012 Analyzed: 1/9/2012				
Lead	3.0	0.50	2.50	0.53	98.1	80 - 120	0.319	20	
Batch S2A0087 - B2A0224									
Instrument Blank (S2A0087-IBL1)					Prepared: 1/9/2012 Analyzed: 1/9/2012				
Lead	ND	0.50			NR				

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	02/07/2012

Notes and Definitions

R	RPD value outside acceptance criteria. Calculation is based on raw values.
M1	Matrix spike recovery outside of acceptance limit. The analytical batch was validated by the laboratory control sample.
ND	Analyte not detected at or above reporting limit
PQL	Practical Quantitation Limit
MDL	Method Detection Limit
NR	Not Reported
RPD	Relative Percent Difference

Diane Galvan

From: Luann Beadle [beadle@geoconinc.com]
Sent: Thursday, January 05, 2012 2:33 PM
To: Diane Galvan
Subject: TO-16 Lab Results: 1100809, 1100820, 1100821, 1100825, 1100828, 1100836, & 1100837

Hi Diane,

Following you will find a copy of Caltrans' requested additional WET analyses, organized by metal, then Lab Order Number. I know it is a little lengthy, so if you need extra help sorting, let me know. Please run them on an expedited TAT.

LEAD

File 1100809.xls
WET:

G382-0
G427-0
G508-0.5
G420-0
G378-0.5
G473-0
G489-1.5
G374-0.5
G418-0
G420-0.5
G372-0
G476-0
G471-0
G375-0.5
G426-0.5
G380-1.5
G477-1.5
G373-0.5
G473-0.5

G379-0.5
G378-0
G426-0
G483-2.5
G469-0
G380-0.5
G478-2.5
G487-1.5
G376-0
G474-0
G373-0
G376-0.5
G481-0
G476-2.5
G481-2.5
G422-0
G479-0
G479-0.5
G482-1.5
G486-2.5
G484-0
G484-0.5
G489-0
G489-0.5
G491-0
G422-0.5

TCLP:

|---|
|G495-0 |

```
|-------------|
```

File 1100820.xls
WET:

```
|-------------|
|G512-1.5     |
|-------------|
|G515-1.5     |
|-------------|
|G467-0.5     |
|-------------|
|G463-2.5     |
|-------------|
|G517-2.5     |
|-------------|
|G466-0.5     |
|-------------|
|G464-1.5     |
|-------------|
|G516-0.5     |
|-------------|
|G517-0.5     |
|-------------|
|G463-1.5     |
|-------------|
|G518-1.5     |
|-------------|
|G510-1.5     |
|-------------|
|G519-1.5     |
|-------------|
|G517-1.5     |
|-------------|
|G521-2.5     |
|-------------|
```

TCLP:

```
|-------------|
|G520-1.5     |
|-------------|
```

File 1100821.xls
WET:

```
|-------------|
|G507-1.5     |
|-------------|
|G244-0.5     |
|-------------|
|G207-0.5     |
|-------------|
|G245-0.5     |
|-------------|
|G247-0       |
```

G325-0.5
G229-0.5
G327-0
G326-0
G241-0
G225-0
G207-0
G206-0
G262-0.5
G259-0.5
G258-0.5
G224-0
G390-0.5
G325-0
G248-0.5
G205-0.5
G390-2.5
G366-.5
G247-0.5
G209-0
G387-1.5
G388-2.5
G239-0.5
G260-0.5
G242-0.5
G367-.5
G391-2.5
G255-0

G229-0
G208-0
G242-0
G387-.5
G259-0
G239-0
G241-0.5
G205-0
G263-0.5
G391-1.5
G251-0.5
G383-0
G252-0
G389-0.5

TCLP:

|---|
G258-0
G260-0
G263-0
G391-0.5
G386-0.5
G238-0
G251-0
G262-0
G324-0
G226-0.5
G385-0
G384-0
G388-0

G386-0
G261-0
G226-0
G388-.5
G254-0
G388-1.5
G390-0
G389-0
G387-0
G391-0

File 1100825.xls
WET:

G273-0.5
G275-0.5
G311-0.5
G269-0.5
G272-1.5
G285-0.5
G270-0.5
G308-2.5
G290-0.5
G279-0.5
G301-0.5
G269-1.5
G281-1.5
G284-0.5
G266-0.5

```
|G282-0.5      |
|--------------|
|G277-0.5      |
|--------------|
|G304-0        |
|--------------|
|G314-0.5      |
|--------------|
|G280-0.5      |
|--------------|
|G280-0        |
|--------------|
|G300-0.5      |
|--------------|
|G267-0.5      |
|--------------|
|G278-1.5      |
|--------------|
|G277-0        |
|--------------|
|G281-0        |
|--------------|
|G281-0.5      |
|--------------|
|G290-1.5      |
|--------------|
|G296-0.5      |
|--------------|
|G283-0        |
|--------------|
|G287-0.5      |
|--------------|
|G304-0.5      |
|--------------|
|G310-0        |
|--------------|
|G264-0.5      |
|--------------|
|G298-0        |
|--------------|
|W-ALAM-C1-1.5 |
|--------------|
|G284-0        |
|--------------|
|G294-0        |
|--------------|
|G310-0.5      |
|--------------|
|G313-0.5      |
|--------------|
|G278-0        |
|--------------|
|G287-0        |
|--------------|
|G266-1.5      |
|--------------|
|G282-0        |
```

G274-0
G302-0
G312-0.5
G276-0
G296-0
G270-0
G271-0
G279-0
G266-0
G274-0.5
G286-0.5
G272-0
G286-0

TCLP:

G285-0
G264-0
G273-0
G267-0
G269-0
G293-0
G297-0
G275-0
W-ALAM-C1-0
G308-0.5
G268-0
G301-0
G290-0

```
|G303-0        |
|--------------|
|G311-0        |
|--------------|
|G300-0        |
|--------------|
|G314-0        |
|--------------|
|G307-0.5      |
|--------------|
|G305-0        |
|--------------|
|G306-0.5      |
|--------------|
|G312-0        |
|--------------|
|G313-0        |
|--------------|
```

File 1100828.xls
WET:

```
|-------------|
|G13-0        |
|-------------|
|G105-.5      |
|-------------|
|G11-0        |
|-------------|
|G99-.5       |
|-------------|
|G9-.5        |
|-------------|
|G14-.5       |
|-------------|
|G101-.5      |
|-------------|
|G111-0       |
|-------------|
|G150-0       |
|-------------|
|G9-0         |
|-------------|
|G10-0        |
|-------------|
|G12-0        |
|-------------|
|G13-.5       |
|-------------|
|G107-0       |
|-------------|
|G148-.5      |
|-------------|
|G149-0       |
|-------------|
|G4-.5        |
```

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|-------------|
|G3-.5        |
|-------------|
|G140-0       |
|-------------|
|G11-.5       |
|-------------|
|G106-0       |
|-------------|
|G115-0       |
|-------------|
|G117-.5      |
|-------------|
|G98-.5       |
|-------------|
|G110-0       |
|-------------|
|G139-.5      |
|-------------|
|G145-.5      |
|-------------|
|G116-.5      |
|-------------|
|G28-.5       |
|-------------|
|G97-.5       |
|-------------|
|G115-.5      |
|-------------|
|G29-.5       |
|-------------|
|G98-0        |
|-------------|
|G117-0       |
|-------------|
|G150-.5      |
|-------------|
|G138-.5      |
|-------------|
|G29-0        |
|-------------|
|G30-.5       |
|-------------|
|G101-0       |
|-------------|
|G146-0       |
|-------------|
|G27-0        |
|-------------|
|G31-.5       |
|-------------|
|G28-0        |
|-------------|
|G97-0        |
|-------------|
|G120-0       |
|-------------|
```

G118-.5
G12-.5
G119-.5
G32-0
G96-0
G149-.5
G116-0
G119-0
G2-.5

TCLP:

|---|
G27-.5
G6-0
G136-0
G99-0
G135-0
G30-0
G5-0
G96-.5
G139-0
G5-.5
G2-0
G3-0

File 1100836.xls

WET:

|---|
G124-0
G155-.5
G158-0

G127-0
G172-0.5
G430-0
G127-.5
G157-0
G333-0
G178-0
G434-0
G156-0
G179-0
G320-0
G153-.5
G220-0
G154-.5
G235-0
G126-.5
G155-0
G321-0
G319-0
G317-0
G172-0
G232-0
G316-0
G124-.5
G236-0

TCLP:

G232-0.5

```
|G233-0       |
|-------------|
```

File 1100837.xls
WET:

```
|-------------|
|G66-1.5      |
|-------------|
|G74-2.5      |
|-------------|
|G66-0.5      |
|-------------|
|G69-1.5      |
|-------------|
|G71-0        |
|-------------|
|G79-0        |
|-------------|
|G63-1.5      |
|-------------|
|G59-0.5      |
|-------------|
|G77-0.5      |
|-------------|
|G57-1.5      |
|-------------|
|G63-2.5      |
|-------------|
|G65-0.5      |
|-------------|
|G62-1.5      |
|-------------|
|G54-0.5      |
|-------------|
|G63-0.5      |
|-------------|
|G56-0        |
|-------------|
|G66-0        |
|-------------|
|G63-0        |
|-------------|
|G61-1.5      |
|-------------|
|G75-0        |
|-------------|
|G75-1.5      |
|-------------|
|G68-0        |
|-------------|
|G55-1.5      |
|-------------|
|G72-0        |
|-------------|
|G58-1.5      |
```

G71-0.5
G70-1.5
G59-2.5
G66-2.5
G69-0
G70-0
G58-2.5
G65-2.5

TCLP:

G73-0
G64-0
G69-2.5
G61-0
G65-0
G76-0

CHROMIUM

File 1100809.xls

WET:

G426-0
G420-0
G424-0.5
G422-0
G422-0.5
G420-0.5
G420-1.5
G424-2.5

```
|-------------|
|G426-1.5     |
|-------------|
```

File 1100820.xls
WET:

```
|-------------|
|G463-0       |
|-------------|
|G519-1.5     |
|-------------|
```

File 1100821.xls
WET:

```
|-------------|
|G417-0       |
|-------------|
```

File 1100837.xls
WET:

```
|-------------|
|G71-1.5      |
|-------------|
```

NICKEL

File 1100809.xls
WET:

```
|-------------|
|G426-1.5     |
|-------------|
|G424-2.5     |
|-------------|
```

BARIUM

File 1100837.xls
WET:

```
|-------------|
|G49-0.5      |
|-------------|
```

MERCURY

File 1100837.xls
WET:

G15-0
G15-2.5
G72-1.5
G18-2.5
G18-0
G24-2.5
G22-0.5
G47-0
G33-0.5
G19-0
G40-0.5
G20-1.5
G47-0.5
G48-0.5
G23-0.5
G19-0.5
G33-1.5
G72-0.5
G73-1.5
G17-0

As always, thank you very much.
Luann

ADVANCED TECHNOLOGY LABORATORIES

January 16, 2012

ELAP No.: 1838
NELAP No.: 02107CA
CSDLAC No.: 10196
ORELAP No.: CA300003

Luann Beadle
Geocon Consultants, Inc.
6671 Brisa Street
Livermore, CA 94550
Tel: (925) 371-5900
Fax:(925) 371-5915

Re: ATL Work Order Number : 1100820
Client Reference : TO-16, E8560-06-16

Enclosed are the results for sample(s) received on December 28, 2011 by Advanced Technology Laboratories. The sample(s) are tested for the parameters as indicated on the enclosed chain of custody in accordance with applicable laboratory certifications. The laboratory results contained in this report specifically pertains to the sample(s) submitted.

Thank you for the opportunity to serve the needs of your company. If you have any questions, please feel free to contact me or your Project Manager.

Sincerely,

Eddie Rodriguez
Laboratory Director

The cover letter and the case narrative are an integral part of this analytical report and its absence renders the report invalid. The report cannot be reproduced without written permission from the client and Advanced Technology Laboratories.

3275 Walnut Avenue, Signal Hill, CA 90755 • Tel: 562-989-4045 • Fax: 562-989-4040
www.atlglobal.com

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/16/2012

SUMMARY OF SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
G517-0.5	1100820-46	Soil	12/27/11 11:11	12/28/11 8:14
G517-1.5	1100820-47	Soil	12/27/11 11:12	12/28/11 8:14
G518-1.5	1100820-59	Soil	12/27/11 11:22	12/28/11 8:14
G519-1.5	1100820-63	Soil	12/27/11 11:32	12/28/11 8:14
G521-2.5	1100820-72	Soil	12/27/11 11:49	12/28/11 8:14

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/16/2012

STLC-DI Lead by AA (Direct Aspiration) EPA 7420

Analyte: Lead **Analyst: VV**

Laboratory ID	Client Sample ID	Result	Units	PQL	MDL	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1100820-46	G517-0.5	**ND**	mg/L	0.50	NA	1	B2A0347	01/12/2012	01/16/12 12:12	
1100820-47	G517-1.5	**ND**	mg/L	0.50	NA	1	B2A0347	01/12/2012	01/16/12 12:13	
1100820-59	G518-1.5	**ND**	mg/L	0.50	NA	1	B2A0347	01/12/2012	01/16/12 12:13	
1100820-63	G519-1.5	**ND**	mg/L	0.50	NA	1	B2A0347	01/12/2012	01/16/12 12:14	
1100820-72	G521-2.5	**ND**	mg/L	0.50	NA	1	B2A0347	01/12/2012	01/16/12 12:14	

Geocon Consultants, Inc.	Project Number : TO-16, E8560-06-16
6671 Brisa Street	Report To : Luann Beadle
Livermore , CA 94550	Reported : 01/16/2012

QUALITY CONTROL SECTION

STLC-DI Lead by AA (Direct Aspiration) EPA 7420 - Quality Control

Analyte	Result (mg/L)	PQL (mg/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0347 - STLC DI Extraction									
Blank (B2A0347-BLK1)					Prepared: 1/12/2012 Analyzed: 1/16/2012				
Lead	ND	0.50			NR				
Blank (B2A0347-BLK2)					Prepared: 1/12/2012 Analyzed: 1/16/2012				
Lead	ND	0.50			NR				
LCS (B2A0347-BS1)					Prepared: 1/12/2012 Analyzed: 1/16/2012				
Lead	5.2	0.05	5.00		104	80 - 120			
Duplicate (B2A0347-DUP1)		**Source: 1100820-46**			Prepared: 1/12/2012 Analyzed: 1/16/2012				
Lead	ND	0.50		0.16	NR			20	
Duplicate (B2A0347-DUP2)		**Source: 1100821-35**			Prepared: 1/12/2012 Analyzed: 1/16/2012				
Lead	0.18	0.50		0.13	NR		29.2	20	R
Matrix Spike (B2A0347-MS1)		**Source: 1100820-46**			Prepared: 1/12/2012 Analyzed: 1/16/2012				
Lead	5.0	0.05	5.00	0.16	97.8	80 - 120			
Matrix Spike (B2A0347-MS2)		**Source: 1100821-35**			Prepared: 1/12/2012 Analyzed: 1/16/2012				
Lead	4.8	0.05	5.00	0.13	94.0	80 - 120			
Matrix Spike Dup (B2A0347-MSD1)		**Source: 1100820-46**			Prepared: 1/12/2012 Analyzed: 1/16/2012				
Lead	4.9	0.05	5.00	0.16	95.8	80 - 120	2.00	20	
Batch S2A0166 - B2A0385									
Instrument Blank (S2A0166-IBL1)					Prepared: 1/16/2012 Analyzed: 1/16/2012				
Lead	ND	0.50			NR				

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/16/2012

Notes and Definitions

R	RPD value outside acceptance criteria. Calculation is based on raw values.
ND	Analyte not detected at or above reporting limit
PQL	Practical Quantitation Limit
MDL	Method Detection Limit
NR	Not Reported
RPD	Relative Percent Difference

Diane Galvan

From: Luann Beadle [beadle@geoconinc.com]
Sent: Wednesday, January 11, 2012 3:01 PM
To: Diane Galvan
Subject: FW: Additional Results/EDD - TO-16 (1100820add1.xls)
Attachments: 1100820add1.xls

Hi Diane,
Per Caltrans, please do the following on an expedited TAT:

Run DI-WET for the following:

Sample Name	Lab Sample ID	Analyte
G521-2.5	1100820-72	Lead
G517-1.5	1100820-47	Lead
G517-0.5	1100820-46	Lead
G518-1.5	1100820-59	Lead
G519-1.5	1100820-63	Lead

Thank you,
Luann

ADVANCED TECHNOLOGY LABORATORIES

January 20, 2012

ELAP No.: 1838
NELAP No.: 02107CA
CSDLAC No.: 10196
ORELAP No.: CA300003

Luann Beadle
Geocon Consultants, Inc.
6671 Brisa Street
Livermore, CA 94550
Tel: (925) 371-5900
Fax:(925) 371-5915

Re: ATL Work Order Number : 1100820
Client Reference : TO-16, E8560-06-16

Enclosed are the results for sample(s) received on December 28, 2011 by Advanced Technology Laboratories. The sample(s) are tested for the parameters as indicated on the enclosed chain of custody in accordance with applicable laboratory certifications. The laboratory results contained in this report specifically pertains to the sample(s) submitted.

Thank you for the opportunity to serve the needs of your company. If you have any questions, please feel free to contact me or your Project Manager.

Sincerely,

Eddie Rodriguez
Laboratory Director

The cover letter and the case narrative are an integral part of this analytical report and its absence renders the report invalid. The report cannot be reproduced without written permission from the client and Advanced Technology Laboratories.

Geocon Consultants, Inc.	Project Number : TO-16, E8560-06-16
6671 Brisa Street	Report To : Luann Beadle
Livermore , CA 94550	Reported : 01/20/2012

SUMMARY OF SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
G520-1.5	1100820-67	Soil	12/27/11 11:40	12/28/11 8:14

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/20/2012

STLC Lead by AA (Direct Aspiration) by EPA 7420

Analyte: Lead **Analyst: VV**

Laboratory ID	Client Sample ID	Result	Units	PQL	MDL	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1100820-67	G520-1.5	**18**	mg/L	2.5	NA	5	B2A0460	01/18/2012	01/20/12 12:40	

Geocon Consultants, Inc.	Project Number : TO-16, E8560-06-16
6671 Brisa Street	Report To : Luann Beadle
Livermore , CA 94550	Reported : 01/20/2012

QUALITY CONTROL SECTION

STLC Lead by AA (Direct Aspiration) by EPA 7420 - Quality Control

Analyte	Result (mg/L)	PQL (mg/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0460 - STLC Extraction									
Blank (B2A0460-BLK1)					Prepared: 1/18/2012 Analyzed: 1/20/2012				
Lead	ND	0.50			NR				
Blank (B2A0460-BLK2)					Prepared: 1/18/2012 Analyzed: 1/20/2012				
Lead	ND	0.50			NR				
LCS (B2A0460-BS1)					Prepared: 1/18/2012 Analyzed: 1/20/2012				
Lead	4.9	0.05	5.00		97.6	80 - 120			
Duplicate (B2A0460-DUP1)		**Source: 1100821-56**			Prepared: 1/18/2012 Analyzed: 1/20/2012				
Lead	52	5.0		54	NR		2.82	20	
Duplicate (B2A0460-DUP2)		**Source: 1100821-86**			Prepared: 1/18/2012 Analyzed: 1/20/2012				
Lead	21	2.5		21	NR		2.28	20	
Matrix Spike (B2A0460-MS1)		**Source: 1100821-56**			Prepared: 1/18/2012 Analyzed: 1/20/2012				
Lead	59	0.50	5.00	54	101	80 - 120			
Matrix Spike (B2A0460-MS2)		**Source: 1100821-86**			Prepared: 1/18/2012 Analyzed: 1/20/2012				
Lead	24	0.25	5.00	21	72.3	80 - 120			M1
Matrix Spike Dup (B2A0460-MSD1)		**Source: 1100821-56**			Prepared: 1/18/2012 Analyzed: 1/20/2012				
Lead	59	0.50	5.00	54	103	80 - 120	0.103	20	
Batch S2A0073 - B2A0192									
Instrument Blank (S2A0073-IBL1)					Prepared: 1/9/2012 Analyzed: 1/9/2012				
Lead	ND	0.50			NR				
Batch S2A0236 - B2A0475									
Instrument Blank (S2A0236-IBL1)					Prepared: 1/20/2012 Analyzed: 1/20/2012				
Lead	ND	0.50			NR				

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/20/2012

Notes and Definitions

M1	Matrix spike recovery outside of acceptance limit. The analytical batch was validated by the laboratory control sample.
ND	Analyte not detected at or above reporting limit
PQL	Practical Quantitation Limit
MDL	Method Detection Limit
NR	Not Reported
RPD	Relative Percent Difference

Diane Galvan

From: Luann Beadle [beadle@geoconinc.com]
Sent: Tuesday, January 17, 2012 3:55 PM
To: Diane Galvan
Subject: TO-16 Lab Results: 1100809, 1100820, 1100821, 1100825, 1100828, 1100836, & 1100837 Spreadsheets - Run Soluble Metals

Hello Diane,
Per Caltrans, please run the following analyses on an expedited TAT.
Thank you,
Luann

Please run WETs for the samples below.

Sample Name - Lab Sample ID - Analyte

FILE 1100809.xls

G495-0	1100809-GN	Lead

FILE 1100820.xls

G520-1.5	1100820-67	Lead

FILE 1100821.xls

G258-0	1100821-72	Lead
G260-0	1100821-76	Lead
G263-0	1100821-82	Lead
G391-0.5	1100821-33	Lead
G386-0.5	1100821-37	Lead
G238-0	1100821-98	Lead
G251-0	1100821-86	Lead
G262-0	1100821-80	Lead
G324-0	1100821-BW	Lead
G226-0.5	1100821-AZ	Lead
G385-0	1100821-68	Lead
G384-0	1100821-64	Lead
G388-0	1100821-56	Lead

G386-0	1100821-36	Lead
G261-0	1100821-78	Lead
G226-0	1100821-AY	Lead
G388-.5	1100821-57	Lead
G254-0	1100821-92	Lead
G388-1.5	1100821-58	Lead
G390-0	1100821-28	Lead
G389-0	1100821-24	Lead
G387-0	1100821-52	Lead
G391-0	1100821-32	Lead

FILE 1100825.xls

G285-0	1100825-85	Lead
G264-0	1100825-01	Lead
G273-0	1100825-37	Lead
G267-0	1100825-09	Lead
G269-0	1100825-21	Lead
G293-0	1100825-AJ	Lead
G297-0	1100825-AZ	Lead
G275-0	1100825-45	Lead
W-ALAM-C1-0	1100825-17	Lead
G308-0.5	1100825-CS	Lead
G268-0	1100825-13	Lead
G301-0	1100825-BP	Lead
G290-0	1100825-AB	Lead
G303-0	1100825-BX	Lead
G311-0	1100825-DD	Lead
G300-0	1100825-BL	Lead

G314-0	1100825-DP	Lead
G307-0.5	1100825-CO	Lead
G305-0	1100825-CF	Lead
G306-0.5	1100825-CK	Lead
G312-0	1100825-DH	Lead
G313-0	1100825-DL	Lead

FILE 1100828.xls

G27-.5	1100828-74	Lead
G6-0	1100828-71	Lead
G136-0	1100828-27	Lead
G99-0	1100828-AP	Lead
G135-0	1100828-25	Lead
G30-0	1100828-79	Lead
G5-0	1100828-69	Lead
G96-.5	1100828-AK	Lead
G139-0	1100828-33	Lead
G5-.5	1100828-70	Lead
G2-0	1100828-63	Lead
G3-0	1100828-65	Lead

FILE 1100836.xls

G232-0.5	1100836-52	Lead
G233-0	1100836-53	Lead

FILE 1100837.xls

G73-0	1100837-CN	Lead
G64-0	1100837-BH	Lead

G69-2.5	1100837-CA	Lead
G61-0	1100837-AV	Lead
G65-0	1100837-BL	Lead
G76-0	1100837-CZ	Lead

ADVANCED TECHNOLOGY LABORATORIES

December 30, 2011

ELAP No.: 1838
NELAP No.: 02107CA
CSDLAC No.: 10196
ORELAP No.: CA300003

Luann Beadle
Geocon Consultants, Inc.
6671 Brisa Street
Livermore, CA 94550
Tel: (925) 371-5900
Fax:(925) 371-5915

Re: ATL Work Order Number : 1100821

Client Reference : TO-16, E8560-06-16

Enclosed are the results for sample(s) received on December 28, 2011 by Advanced Technology Laboratories. The sample(s) are tested for the parameters as indicated on the enclosed chain of custody in accordance with applicable laboratory certifications. The laboratory results contained in this report specifically pertains to the sample(s) submitted.

Thank you for the opportunity to serve the needs of your company. If you have any questions, please feel free to contact me or your Project Manager.

Sincerely,

Eddie Rodriguez

Laboratory Director

The cover letter and the case narrative are an integral part of this analytical report and its absence renders the report invalid. The report cannot be reproduced without written permission from the client and Advanced Technology Laboratories.

3275 Walnut Avenue, Signal Hill, CA 90755 • Tel: 562-989-4045 • Fax: 562-989-4040
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Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

SUMMARY OF SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
G417-0	1100821-01	Soil	12/27/11 8:41	12/28/11 8:14
G417-0.5	1100821-02	Soil	12/27/11 8:41	12/28/11 8:14
G417-1.5	1100821-03	Soil	12/27/11 8:41	12/28/11 8:14
G417-2.5	1100821-04	Soil	12/27/11 8:41	12/28/11 8:14
G419-0	1100821-05	Soil	12/27/11 8:51	12/28/11 8:14
G419-0.5	1100821-06	Soil	12/27/11 8:51	12/28/11 8:14
G419-1.5	1100821-07	Soil	12/27/11 8:51	12/28/11 8:14
G419-2.5	1100821-08	Soil	12/27/11 8:51	12/28/11 8:14
G501-0	1100821-09	Soil	12/27/11 8:55	12/28/11 8:14
G501-0.5	1100821-10	Soil	12/27/11 8:55	12/28/11 8:14
G501-1.5	1100821-11	Soil	12/27/11 8:55	12/28/11 8:14
G501-2.5	1100821-12	Soil	12/27/11 8:55	12/28/11 8:14
G503-0	1100821-13	Soil	12/27/11 9:10	12/28/11 8:14
G503-0.5	1100821-14	Soil	12/27/11 9:10	12/28/11 8:14
G503-1.5	1100821-15	Soil	12/27/11 9:10	12/28/11 8:14
G503-2.5	1100821-16	Soil	12/27/11 9:10	12/28/11 8:14
G505-0	1100821-17	Soil	12/27/11 9:15	12/28/11 8:14
G505-0.5	1100821-18	Soil	12/27/11 9:15	12/28/11 8:14
G505-1.5	1100821-19	Soil	12/27/11 9:15	12/28/11 8:14
G505-2.5	1100821-20	Soil	12/27/11 9:15	12/28/11 8:14
G507-0	1100821-21	Soil	12/27/11 9:01	12/28/11 8:14
G507-0.5	1100821-22	Soil	12/27/11 9:01	12/28/11 8:14
G507-1.5	1100821-23	Soil	12/27/11 9:01	12/28/11 8:14
G389-0	1100821-24	Soil	12/27/11 10:11	12/28/11 8:14
G389-0.5	1100821-25	Soil	12/27/11 10:11	12/28/11 8:14
G389-1.5	1100821-26	Soil	12/27/11 10:11	12/28/11 8:14
G389-2.5	1100821-27	Soil	12/27/11 10:11	12/28/11 8:14
G390-0	1100821-28	Soil	12/27/11 9:57	12/28/11 8:14
G390-0.5	1100821-29	Soil	12/27/11 9:57	12/28/11 8:14
G390-1.5	1100821-30	Soil	12/27/11 9:57	12/28/11 8:14
G390-2.5	1100821-31	Soil	12/27/11 9:57	12/28/11 8:14
G391-0	1100821-32	Soil	12/27/11 9:50	12/28/11 8:14
G391-0.5	1100821-33	Soil	12/27/11 9:50	12/28/11 8:14
G391-1.5	1100821-34	Soil	12/27/11 9:50	12/28/11 8:14
G391-2.5	1100821-35	Soil	12/27/11 9:50	12/28/11 8:14
G386-0	1100821-36	Soil	12/27/11 10:41	12/28/11 8:14
G386-0.5	1100821-37	Soil	12/27/11 10:41	12/28/11 8:14

Geocon Consultants, Inc.	Project Number :	TO-16, E8560-06-16	
6671 Brisa Street	Report To :	Luann Beadle	
Livermore , CA 94550	Reported :	12/30/2011	

G386-1.5	1100821-38	Soil	12/27/11	10:41	12/28/11	8:14
G386-2.5	1100821-39	Soil	12/27/11	10:41	12/28/11	8:14
G362-0	1100821-40	Soil	12/27/11	9:55	12/28/11	8:14
G362-.5	1100821-41	Soil	12/27/11	9:55	12/28/11	8:14
G362-1.5	1100821-42	Soil	12/27/11	9:55	12/28/11	8:14
G362-2.5	1100821-43	Soil	12/27/11	9:55	12/28/11	8:14
G366-0	1100821-44	Soil	12/27/11	10:05	12/28/11	8:14
G366-.5	1100821-45	Soil	12/27/11	10:05	12/28/11	8:14
G366-1.5	1100821-46	Soil	12/27/11	10:05	12/28/11	8:14
G366-2.5	1100821-47	Soil	12/27/11	10:05	12/28/11	8:14
G367-0	1100821-48	Soil	12/27/11	10:15	12/28/11	8:14
G367-.5	1100821-49	Soil	12/27/11	10:15	12/28/11	8:14
G367-1.5	1100821-50	Soil	12/27/11	10:15	12/28/11	8:14
G367-2.5	1100821-51	Soil	12/27/11	10:15	12/28/11	8:14
G387-0	1100821-52	Soil	12/27/11	10:34	12/28/11	8:14
G387-.5	1100821-53	Soil	12/27/11	10:34	12/28/11	8:14
G387-1.5	1100821-54	Soil	12/27/11	10:34	12/28/11	8:14
G387-2.5	1100821-55	Soil	12/27/11	10:34	12/28/11	8:14
G388-0	1100821-56	Soil	12/27/11	10:27	12/28/11	8:14
G388-.5	1100821-57	Soil	12/27/11	10:27	12/28/11	8:14
G388-1.5	1100821-58	Soil	12/27/11	10:27	12/28/11	8:14
G388-2.5	1100821-59	Soil	12/27/11	10:27	12/28/11	8:14
G383-0	1100821-60	Soil	12/27/11	10:30	12/28/11	8:14
G383-.5	1100821-61	Soil	12/27/11	10:30	12/28/11	8:14
G383-1.5	1100821-62	Soil	12/27/11	10:30	12/28/11	8:14
G383-2.5	1100821-63	Soil	12/27/11	10:30	12/28/11	8:14
G384-0	1100821-64	Soil	12/27/11	10:45	12/28/11	8:14
G384-.5	1100821-65	Soil	12/27/11	10:45	12/28/11	8:14
G384-1.5	1100821-66	Soil	12/27/11	10:45	12/28/11	8:14
G384-2.5	1100821-67	Soil	12/27/11	10:45	12/28/11	8:14
G385-0	1100821-68	Soil	12/27/11	10:55	12/28/11	8:14
G385-.5	1100821-69	Soil	12/27/11	10:55	12/28/11	8:14
G385-1.5	1100821-70	Soil	12/27/11	10:55	12/28/11	8:14
G385-2.5	1100821-71	Soil	12/27/11	10:55	12/28/11	8:14
G258-0	1100821-72	Soil	12/27/11	11:21	12/28/11	8:14
G258-0.5	1100821-73	Soil	12/27/11	11:21	12/28/11	8:14
G259-0	1100821-74	Soil	12/27/11	11:24	12/28/11	8:14
G259-0.5	1100821-75	Soil	12/27/11	11:24	12/28/11	8:14
G260-0	1100821-76	Soil	12/27/11	11:27	12/28/11	8:14
G260-0.5	1100821-77	Soil	12/27/11	11:27	12/28/11	8:14
G261-0	1100821-78	Soil	12/27/11	11:25	12/28/11	8:14

Geocon Consultants, Inc.	Project Number :	TO-16, E8560-06-16	
6671 Brisa Street	Report To :	Luann Beadle	
Livermore , CA 94550	Reported :	12/30/2011	

G261-0.5	1100821-79	Soil	12/27/11	11:25	12/28/11	8:14
G262-0	1100821-80	Soil	12/27/11	11:30	12/28/11	8:14
G262-0.5	1100821-81	Soil	12/27/11	11:30	12/28/11	8:14
G263-0	1100821-82	Soil	12/27/11	11:35	12/28/11	8:14
G263-0.5	1100821-83	Soil	12/27/11	11:35	12/28/11	8:14
G250-0	1100821-84	Soil	12/27/11	11:54	12/28/11	8:14
G250-0.5	1100821-85	Soil	12/27/11	11:54	12/28/11	8:14
G251-0	1100821-86	Soil	12/27/11	11:57	12/28/11	8:14
G251-0.5	1100821-87	Soil	12/27/11	11:57	12/28/11	8:14
G252-0	1100821-88	Soil	12/27/11	12:01	12/28/11	8:14
G252-0.5	1100821-89	Soil	12/27/11	12:01	12/28/11	8:14
G253-0	1100821-90	Soil	12/27/11	12:00	12/28/11	8:14
G253-0.5	1100821-91	Soil	12/27/11	12:00	12/28/11	8:14
G254-0	1100821-92	Soil	12/27/11	12:10	12/28/11	8:14
G254-0.5	1100821-93	Soil	12/27/11	12:10	12/28/11	8:14
G255-0	1100821-94	Soil	12/27/11	12:11	12/28/11	8:14
G255-0.5	1100821-95	Soil	12/27/11	12:11	12/28/11	8:14
G237-0	1100821-96	Soil	12/27/11	12:35	12/28/11	8:14
G237-0.5	1100821-97	Soil	12/27/11	12:35	12/28/11	8:14
G238-0	1100821-98	Soil	12/27/11	12:37	12/28/11	8:14
G238-0.5	1100821-99	Soil	12/27/11	12:37	12/28/11	8:14
G239-0	1100821-AA	Soil	12/27/11	12:40	12/28/11	8:14
G239-0.5	1100821-AB	Soil	12/27/11	12:40	12/28/11	8:14
G240-0	1100821-AC	Soil	12/27/11	12:31	12/28/11	8:14
G240-0.5	1100821-AD	Soil	12/27/11	12:31	12/28/11	8:14
G241-0	1100821-AE	Soil	12/27/11	12:34	12/28/11	8:14
G241-0.5	1100821-AF	Soil	12/27/11	12:34	12/28/11	8:14
G242-0	1100821-AG	Soil	12/27/11	12:37	12/28/11	8:14
G242-0.5	1100821-AH	Soil	12/27/11	12:37	12/28/11	8:14
G243-0	1100821-AI	Soil	12/27/11	12:51	12/28/11	8:14
G243-0.5	1100821-AJ	Soil	12/27/11	12:51	12/28/11	8:14
G244-0	1100821-AK	Soil	12/27/11	12:54	12/28/11	8:14
G244-0.5	1100821-AL	Soil	12/27/11	12:54	12/28/11	8:14
G245-0	1100821-AM	Soil	12/27/11	12:57	12/28/11	8:14
G245-0.5	1100821-AN	Soil	12/27/11	12:57	12/28/11	8:14
G246-0	1100821-AO	Soil	12/27/11	12:55	12/28/11	8:14
G246-0.5	1100821-AP	Soil	12/27/11	12:55	12/28/11	8:14
G247-0	1100821-AQ	Soil	12/27/11	13:00	12/28/11	8:14
G247-0.5	1100821-AR	Soil	12/27/11	13:00	12/28/11	8:14
G248-0	1100821-AS	Soil	12/27/11	13:05	12/28/11	8:14
G248-0.5	1100821-AT	Soil	12/27/11	13:05	12/28/11	8:14

Geocon Consultants, Inc.	Project Number :	TO-16, E8560-06-16	
6671 Brisa Street	Report To :	Luann Beadle	
Livermore , CA 94550	Reported :	12/30/2011	

G224-0	1100821-AU	Soil	12/27/11 13:14	12/28/11 8:14
G224-0.5	1100821-AV	Soil	12/27/11 13:14	12/28/11 8:14
G225-0	1100821-AW	Soil	12/27/11 13:17	12/28/11 8:14
G225-0.5	1100821-AX	Soil	12/27/11 13:17	12/28/11 8:14
G226-0	1100821-AY	Soil	12/27/11 13:21	12/28/11 8:14
G226-0.5	1100821-AZ	Soil	12/27/11 13:21	12/28/11 8:14
G227-0	1100821-BA	Soil	12/27/11 13:20	12/28/11 8:14
G227-0.5	1100821-BB	Soil	12/27/11 13:20	12/28/11 8:14
G228-0	1100821-BC	Soil	12/27/11 13:25	12/28/11 8:14
G228-0.5	1100821-BD	Soil	12/27/11 13:25	12/28/11 8:14
G229-0	1100821-BE	Soil	12/27/11 13:30	12/28/11 8:14
G229-0.5	1100821-BF	Soil	12/27/11 13:30	12/28/11 8:14
G204-0	1100821-BG	Soil	12/27/11 14:07	12/28/11 8:14
G204-0.5	1100821-BH	Soil	12/27/11 14:07	12/28/11 8:14
G205-0	1100821-BI	Soil	12/27/11 14:11	12/28/11 8:14
G205-0.5	1100821-BJ	Soil	12/27/11 14:11	12/28/11 8:14
G206-0	1100821-BK	Soil	12/27/11 14:16	12/28/11 8:14
G206-0.5	1100821-BL	Soil	12/27/11 14:16	12/28/11 8:14
G207-0	1100821-BM	Soil	12/27/11 14:15	12/28/11 8:14
G207-0.5	1100821-BN	Soil	12/27/11 14:15	12/28/11 8:14
G208-0	1100821-BO	Soil	12/27/11 14:20	12/28/11 8:14
G208-0.5	1100821-BP	Soil	12/27/11 14:20	12/28/11 8:14
G209-0	1100821-BQ	Soil	12/27/11 14:22	12/28/11 8:14
G209-0.5	1100821-BR	Soil	12/27/11 14:22	12/28/11 8:14
G322-0	1100821-BS	Soil	12/27/11 14:45	12/28/11 8:14
G322-0.5	1100821-BT	Soil	12/27/11 14:45	12/28/11 8:14
G323-0	1100821-BU	Soil	12/27/11 14:55	12/28/11 8:14
G323-0.5	1100821-BV	Soil	12/27/11 14:55	12/28/11 8:14
G324-0	1100821-BW	Soil	12/27/11 15:00	12/28/11 8:14
G324-0.5	1100821-BX	Soil	12/27/11 15:00	12/28/11 8:14
G325-0	1100821-BY	Soil	12/27/11 14:47	12/28/11 8:14
G325-0.5	1100821-BZ	Soil	12/27/11 14:47	12/28/11 8:14
G326-0	1100821-CA	Soil	12/27/11 14:51	12/28/11 8:14
G326-0.5	1100821-CB	Soil	12/27/11 14:51	12/28/11 8:14
G327-0	1100821-CC	Soil	12/27/11 14:54	12/28/11 8:14
G327-0.5	1100821-CD	Soil	12/27/11 14:54	12/28/11 8:14

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G417-0
Lab ID: 1100821-01

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0888	12/28/2011	12/29/11 16:13	
Arsenic	**4.5**	1.0	NA	1	B1L0888	12/28/2011	12/29/11 16:13	
Barium	**110**	1.0	NA	1	B1L0888	12/28/2011	12/29/11 16:13	
Beryllium	ND	1.0	NA	1	B1L0888	12/28/2011	12/29/11 16:13	
Cadmium	ND	1.0	NA	1	B1L0888	12/28/2011	12/29/11 16:13	
Chromium	**69**	1.0	NA	1	B1L0888	12/28/2011	12/29/11 16:13	
Cobalt	**11**	1.0	NA	1	B1L0888	12/28/2011	12/29/11 16:13	
Copper	**22**	2.0	NA	1	B1L0888	12/28/2011	12/29/11 16:13	
Lead	**45**	1.0	NA	1	B1L0888	12/28/2011	12/29/11 16:13	
Molybdenum	ND	1.0	NA	1	B1L0888	12/28/2011	12/29/11 16:13	
Nickel	**130**	1.0	NA	1	B1L0888	12/28/2011	12/29/11 16:13	
Selenium	ND	1.0	NA	1	B1L0888	12/28/2011	12/29/11 16:13	
Silver	ND	1.0	NA	1	B1L0888	12/28/2011	12/29/11 16:13	
Thallium	ND	1.0	NA	1	B1L0888	12/28/2011	12/29/11 16:13	
Vanadium	**25**	1.0	NA	1	B1L0888	12/28/2011	12/29/11 16:13	
Zinc	**110**	1.0	NA	1	B1L0888	12/28/2011	12/29/11 16:13	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B1L0898	12/28/2011	12/30/11 13:40	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G417-0.5
Lab ID: 1100821-02

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0888	12/28/2011	12/29/11 16:20	
Arsenic	**3.1**	1.0	NA	1	B1L0888	12/28/2011	12/29/11 16:20	
Barium	**190**	1.0	NA	1	B1L0888	12/28/2011	12/29/11 16:20	
Beryllium	ND	1.0	NA	1	B1L0888	12/28/2011	12/29/11 16:20	
Cadmium	ND	1.0	NA	1	B1L0888	12/28/2011	12/29/11 16:20	
Chromium	**37**	1.0	NA	1	B1L0888	12/28/2011	12/29/11 16:20	
Cobalt	**12**	1.0	NA	1	B1L0888	12/28/2011	12/29/11 16:20	
Copper	**17**	2.0	NA	1	B1L0888	12/28/2011	12/29/11 16:20	
Lead	**7.0**	1.0	NA	1	B1L0888	12/28/2011	12/29/11 16:20	
Molybdenum	ND	1.0	NA	1	B1L0888	12/28/2011	12/29/11 16:20	
Nickel	**90**	1.0	NA	1	B1L0888	12/28/2011	12/29/11 16:20	
Selenium	ND	1.0	NA	1	B1L0888	12/28/2011	12/29/11 16:20	
Silver	ND	1.0	NA	1	B1L0888	12/28/2011	12/29/11 16:20	
Thallium	ND	1.0	NA	1	B1L0888	12/28/2011	12/29/11 16:20	
Vanadium	**26**	1.0	NA	1	B1L0888	12/28/2011	12/29/11 16:20	
Zinc	**41**	1.0	NA	1	B1L0888	12/28/2011	12/29/11 16:20	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B1L0898	12/28/2011	12/30/11 13:42	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G417-1.5
Lab ID: 1100821-03

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0888	12/28/2011	12/29/11 16:23	
Arsenic	**3.3**	1.0	NA	1	B1L0888	12/28/2011	12/29/11 16:23	
Barium	**220**	1.0	NA	1	B1L0888	12/28/2011	12/29/11 16:23	
Beryllium	ND	1.0	NA	1	B1L0888	12/28/2011	12/29/11 16:23	
Cadmium	ND	1.0	NA	1	B1L0888	12/28/2011	12/29/11 16:23	
Chromium	**40**	1.0	NA	1	B1L0888	12/28/2011	12/29/11 16:23	
Cobalt	**13**	1.0	NA	1	B1L0888	12/28/2011	12/29/11 16:23	
Copper	**18**	2.0	NA	1	B1L0888	12/28/2011	12/29/11 16:23	
Lead	**9.1**	1.0	NA	1	B1L0888	12/28/2011	12/29/11 16:23	
Molybdenum	ND	1.0	NA	1	B1L0888	12/28/2011	12/29/11 16:23	
Nickel	**95**	1.0	NA	1	B1L0888	12/28/2011	12/29/11 16:23	
Selenium	ND	1.0	NA	1	B1L0888	12/28/2011	12/29/11 16:23	
Silver	ND	1.0	NA	1	B1L0888	12/28/2011	12/29/11 16:23	
Thallium	ND	1.0	NA	1	B1L0888	12/28/2011	12/29/11 16:23	
Vanadium	**29**	1.0	NA	1	B1L0888	12/28/2011	12/29/11 16:23	
Zinc	**47**	1.0	NA	1	B1L0888	12/28/2011	12/29/11 16:23	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B1L0898	12/28/2011	12/30/11 13:44	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G417-2.5
Lab ID: 1100821-04

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0888	12/28/2011	12/29/11 16:25	
Arsenic	**1.6**	1.0	NA	1	B1L0888	12/28/2011	12/29/11 16:25	
Barium	**130**	1.0	NA	1	B1L0888	12/28/2011	12/29/11 16:25	
Beryllium	ND	1.0	NA	1	B1L0888	12/28/2011	12/29/11 16:25	
Cadmium	ND	1.0	NA	1	B1L0888	12/28/2011	12/29/11 16:25	
Chromium	**15**	1.0	NA	1	B1L0888	12/28/2011	12/29/11 16:25	
Cobalt	**6.9**	1.0	NA	1	B1L0888	12/28/2011	12/29/11 16:25	
Copper	**12**	2.0	NA	1	B1L0888	12/28/2011	12/29/11 16:25	
Lead	**6.2**	1.0	NA	1	B1L0888	12/28/2011	12/29/11 16:25	
Molybdenum	ND	1.0	NA	1	B1L0888	12/28/2011	12/29/11 16:25	
Nickel	**28**	1.0	NA	1	B1L0888	12/28/2011	12/29/11 16:25	
Selenium	ND	1.0	NA	1	B1L0888	12/28/2011	12/29/11 16:25	
Silver	ND	1.0	NA	1	B1L0888	12/28/2011	12/29/11 16:25	
Thallium	ND	1.0	NA	1	B1L0888	12/28/2011	12/29/11 16:25	
Vanadium	**19**	1.0	NA	1	B1L0888	12/28/2011	12/29/11 16:25	
Zinc	**29**	1.0	NA	1	B1L0888	12/28/2011	12/29/11 16:25	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B1L0898	12/28/2011	12/30/11 13:46	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G419-0
Lab ID: 1100821-05

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0888	12/28/2011	12/29/11 16:28	
Arsenic	**3.5**	1.0	NA	1	B1L0888	12/28/2011	12/29/11 16:28	
Barium	**120**	1.0	NA	1	B1L0888	12/28/2011	12/29/11 16:28	
Beryllium	ND	1.0	NA	1	B1L0888	12/28/2011	12/29/11 16:28	
Cadmium	ND	1.0	NA	1	B1L0888	12/28/2011	12/29/11 16:28	
Chromium	**26**	1.0	NA	1	B1L0888	12/28/2011	12/29/11 16:28	
Cobalt	**6.9**	1.0	NA	1	B1L0888	12/28/2011	12/29/11 16:28	
Copper	**17**	2.0	NA	1	B1L0888	12/28/2011	12/29/11 16:28	
Lead	**5.7**	1.0	NA	1	B1L0888	12/28/2011	12/29/11 16:28	
Molybdenum	ND	1.0	NA	1	B1L0888	12/28/2011	12/29/11 16:28	
Nickel	**40**	1.0	NA	1	B1L0888	12/28/2011	12/29/11 16:28	
Selenium	ND	1.0	NA	1	B1L0888	12/28/2011	12/29/11 16:28	
Silver	ND	1.0	NA	1	B1L0888	12/28/2011	12/29/11 16:28	
Thallium	ND	1.0	NA	1	B1L0888	12/28/2011	12/29/11 16:28	
Vanadium	**34**	1.0	NA	1	B1L0888	12/28/2011	12/29/11 16:28	
Zinc	**44**	1.0	NA	1	B1L0888	12/28/2011	12/29/11 16:28	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B1L0898	12/28/2011	12/30/11 13:47	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G419-0.5
Lab ID: 1100821-06

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0888	12/28/2011	12/29/11 16:30	
Arsenic	**3.6**	1.0	NA	1	B1L0888	12/28/2011	12/29/11 16:30	
Barium	**160**	1.0	NA	1	B1L0888	12/28/2011	12/29/11 16:30	
Beryllium	ND	1.0	NA	1	B1L0888	12/28/2011	12/29/11 16:30	
Cadmium	ND	1.0	NA	1	B1L0888	12/28/2011	12/29/11 16:30	
Chromium	**36**	1.0	NA	1	B1L0888	12/28/2011	12/29/11 16:30	
Cobalt	**10**	1.0	NA	1	B1L0888	12/28/2011	12/29/11 16:30	
Copper	**14**	2.0	NA	1	B1L0888	12/28/2011	12/29/11 16:30	
Lead	**8.1**	1.0	NA	1	B1L0888	12/28/2011	12/29/11 16:30	
Molybdenum	ND	1.0	NA	1	B1L0888	12/28/2011	12/29/11 16:30	
Nickel	**73**	1.0	NA	1	B1L0888	12/28/2011	12/29/11 16:30	
Selenium	ND	1.0	NA	1	B1L0888	12/28/2011	12/29/11 16:30	
Silver	ND	1.0	NA	1	B1L0888	12/28/2011	12/29/11 16:30	
Thallium	ND	1.0	NA	1	B1L0888	12/28/2011	12/29/11 16:30	
Vanadium	**27**	1.0	NA	1	B1L0888	12/28/2011	12/29/11 16:30	
Zinc	**31**	1.0	NA	1	B1L0888	12/28/2011	12/29/11 16:30	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B1L0898	12/28/2011	12/30/11 13:49	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G419-1.5
Lab ID: 1100821-07

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0888	12/28/2011	12/29/11 16:32	
Arsenic	**3.2**	1.0	NA	1	B1L0888	12/28/2011	12/29/11 16:32	
Barium	**160**	1.0	NA	1	B1L0888	12/28/2011	12/29/11 16:32	
Beryllium	ND	1.0	NA	1	B1L0888	12/28/2011	12/29/11 16:32	
Cadmium	ND	1.0	NA	1	B1L0888	12/28/2011	12/29/11 16:32	
Chromium	**46**	1.0	NA	1	B1L0888	12/28/2011	12/29/11 16:32	
Cobalt	**12**	1.0	NA	1	B1L0888	12/28/2011	12/29/11 16:32	
Copper	**16**	2.0	NA	1	B1L0888	12/28/2011	12/29/11 16:32	
Lead	**11**	1.0	NA	1	B1L0888	12/28/2011	12/29/11 16:32	
Molybdenum	ND	1.0	NA	1	B1L0888	12/28/2011	12/29/11 16:32	
Nickel	**90**	1.0	NA	1	B1L0888	12/28/2011	12/29/11 16:32	
Selenium	ND	1.0	NA	1	B1L0888	12/28/2011	12/29/11 16:32	
Silver	ND	1.0	NA	1	B1L0888	12/28/2011	12/29/11 16:32	
Thallium	ND	1.0	NA	1	B1L0888	12/28/2011	12/29/11 16:32	
Vanadium	**27**	1.0	NA	1	B1L0888	12/28/2011	12/29/11 16:32	
Zinc	**32**	1.0	NA	1	B1L0888	12/28/2011	12/29/11 16:32	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B1L0898	12/28/2011	12/30/11 13:51	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G419-2.5
Lab ID: 1100821-08

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B1L0888	12/28/2011	12/29/11 16:35	
Arsenic	**2.2**	1.0	NA	1	B1L0888	12/28/2011	12/29/11 16:35	
Barium	**170**	1.0	NA	1	B1L0888	12/28/2011	12/29/11 16:35	
Beryllium	ND	1.0	NA	1	B1L0888	12/28/2011	12/29/11 16:35	
Cadmium	ND	1.0	NA	1	B1L0888	12/28/2011	12/29/11 16:35	
Chromium	**40**	1.0	NA	1	B1L0888	12/28/2011	12/29/11 16:35	
Cobalt	**12**	1.0	NA	1	B1L0888	12/28/2011	12/29/11 16:35	
Copper	**14**	2.0	NA	1	B1L0888	12/28/2011	12/29/11 16:35	
Lead	**5.0**	1.0	NA	1	B1L0888	12/28/2011	12/29/11 16:35	
Molybdenum	ND	1.0	NA	1	B1L0888	12/28/2011	12/29/11 16:35	
Nickel	**88**	1.0	NA	1	B1L0888	12/28/2011	12/29/11 16:35	
Selenium	ND	1.0	NA	1	B1L0888	12/28/2011	12/29/11 16:35	
Silver	ND	1.0	NA	1	B1L0888	12/28/2011	12/29/11 16:35	
Thallium	ND	1.0	NA	1	B1L0888	12/28/2011	12/29/11 16:35	
Vanadium	**26**	1.0	NA	1	B1L0888	12/28/2011	12/29/11 16:35	
Zinc	**30**	1.0	NA	1	B1L0888	12/28/2011	12/29/11 16:35	

Mercury by AA (Cold Vapor) EPA 7471

Analyst: VV

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B1L0898	12/28/2011	12/30/11 13:57	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G501-0

Lab ID: 1100821-09

Lead by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**15**	1.0	NA	1	B1L0922	12/29/2011	12/29/11 16:25	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G501-0.5

Lab ID: 1100821-10

Lead by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**6.3**	1.0	NA	1	B1L0922	12/29/2011	12/29/11 16:27	

pH by EPA 9045C **Analyst: LA**

Analyte	Result (pH Units)	PQL (pH Units)	MDL (pH Units)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
pH	**8.2**	0.10	NA	1	B1L0953	12/29/2011	12/29/11 14:14	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G501-1.5

Lab ID: 1100821-11

Lead by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**4.9**	1.0	NA	1	B1L0922	12/29/2011	12/29/11 16:29	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G501-2.5

Lab ID: 1100821-12

Lead by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**5.1**	1.0	NA	1	B1L0922	12/29/2011	12/29/11 16:30	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G503-0

Lab ID: 1100821-13

Lead by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**35**	1.0	NA	1	B1L0922	12/29/2011	12/29/11 16:30	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G503-0.5

Lab ID: 1100821-14

Lead by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**5.2**	1.0	NA	1	B1L0923	12/29/2011	12/29/11 16:38	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G503-1.5

Lab ID: 1100821-15

Lead by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**5.5**	1.0	NA	1	B1L0924	12/29/2011	12/29/11 17:04	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G503-2.5

Lab ID: 1100821-16

Lead by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**4.4**	1.0	NA	1	B1L0923	12/29/2011	12/29/11 16:39	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G505-0

Lab ID: 1100821-17

Lead by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**29**	1.0	NA	1	B1L0923	12/29/2011	12/29/11 16:40	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G505-0.5

Lab ID: 1100821-18

Lead by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**12**	1.0	NA	1	B1L0923	12/29/2011	12/29/11 16:42	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G505-1.5

Lab ID: 1100821-19

Lead by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**5.0**	1.0	NA	1	B1L0923	12/29/2011	12/29/11 16:42	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G505-2.5

Lab ID: 1100821-20

Lead by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**8.1**	1.0	NA	1	B1L0923	12/29/2011	12/29/11 16:43	

pH by EPA 9045C **Analyst: LA**

Analyte	Result (pH Units)	PQL (pH Units)	MDL (pH Units)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
pH	**8.1**	0.10	NA	1	B1L0954	12/29/2011	12/29/11 14:20	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G507-0

Lab ID: 1100821-21

Lead by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**42**	1.0	NA	1	B1L0923	12/29/2011	12/29/11 16:44	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G507-0.5

Lab ID: 1100821-22

Lead by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**42**	1.0	NA	1	B1L0923	12/29/2011	12/29/11 16:44	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G507-1.5

Lab ID: 1100821-23

Lead by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**50**	1.0	NA	1	B1L0923	12/29/2011	12/29/11 16:45	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G389-0

Lab ID: 1100821-24

Lead by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**2000**	1.0	NA	1	B1L0923	12/29/2011	12/29/11 16:46	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G389-0.5

Lab ID: 1100821-25

Lead by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**290**	1.0	NA	1	B1L0923	12/29/2011	12/29/11 16:46	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G389-1.5

Lab ID: 1100821-26

Lead by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**13**	1.0	NA	1	B1L0923	12/29/2011	12/29/11 16:47	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G389-2.5

Lab ID: 1100821-27

Lead by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**43**	1.0	NA	1	B1L0923	12/29/2011	12/29/11 16:48	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G390-0

Lab ID: 1100821-28

Lead by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**1200**	1.0	NA	1	B1L0923	12/29/2011	12/29/11 16:50	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G390-0.5

Lab ID: 1100821-29

Lead by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**100**	1.0	NA	1	B1L0923	12/29/2011	12/29/11 16:51	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G390-1.5

Lab ID: 1100821-30

Lead by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**18**	1.0	NA	1	B1L0923	12/29/2011	12/29/11 16:52	

pH by EPA 9045C **Analyst: LA**

Analyte	Result (pH Units)	PQL (pH Units)	MDL (pH Units)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
pH	**7.7**	0.10	NA	1	B1L0954	12/29/2011	12/29/11 14:20	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G390-2.5

Lab ID: 1100821-31

Lead by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**120**	1.0	NA	1	B1L0923	12/29/2011	12/29/11 16:52	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G391-0

Lab ID: 1100821-32

Lead by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**3100**	1.0	NA	1	B1L0923	12/29/2011	12/29/11 16:53	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G391-0.5

Lab ID: 1100821-33

Lead by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**340**	1.0	NA	1	B1L0923	12/29/2011	12/29/11 16:54	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G391-1.5

Lab ID: 1100821-34

Lead by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**250**	1.0	NA	1	B1L0924	12/29/2011	12/29/11 17:05	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G391-2.5

Lab ID: 1100821-35

Lead by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**170**	1.0	NA	1	B1L0924	12/29/2011	12/29/11 17:06	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G386-0

Lab ID: 1100821-36

Lead by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**790**	1.0	NA	1	B1L0924	12/29/2011	12/29/11 17:06	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G386-0.5

Lab ID: 1100821-37

Lead by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**360**	1.0	NA	1	B1L0924	12/29/2011	12/29/11 17:07	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G386-1.5

Lab ID: 1100821-38

Lead by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**16**	1.0	NA	1	B1L0924	12/29/2011	12/29/11 17:08	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G386-2.5

Lab ID: 1100821-39

Lead by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**17**	1.0	NA	1	B1L0924	12/29/2011	12/29/11 17:12	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G362-0

Lab ID: 1100821-40

Lead by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**9.9**	1.0	NA	1	B1L0924	12/29/2011	12/29/11 17:13	

pH by EPA 9045C **Analyst: LA**

Analyte	Result (pH Units)	PQL (pH Units)	MDL (pH Units)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
pH	**6.8**	0.10	NA	1	B1L0954	12/29/2011	12/29/11 14:20	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G362-.5

Lab ID: 1100821-41

Lead by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**6.7**	1.0	NA	1	B1L0924	12/29/2011	12/29/11 17:13	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G362-1.5

Lab ID: 1100821-42

Lead by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**9.6**	1.0	NA	1	B1L0924	12/29/2011	12/29/11 17:14	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G362-2.5

Lab ID: 1100821-43

Lead by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**6.7**	1.0	NA	1	B1L0924	12/29/2011	12/29/11 17:15	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G366-0

Lab ID: 1100821-44

Lead by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**29**	1.0	NA	1	B1L0924	12/29/2011	12/29/11 17:15	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G366-.5

Lab ID: 1100821-45

Lead by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**120**	1.0	NA	1	B1L0924	12/29/2011	12/29/11 17:16	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G366-1.5

Lab ID: 1100821-46

Lead by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**9.3**	1.0	NA	1	B1L0924	12/29/2011	12/29/11 17:17	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G366-2.5

Lab ID: 1100821-47

Lead by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**9.6**	1.0	NA	1	B1L0924	12/29/2011	12/29/11 17:17	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G367-0

Lab ID: 1100821-48

Lead by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**49**	1.0	NA	1	B1L0924	12/29/2011	12/29/11 17:18	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G367-.5

Lab ID: 1100821-49

Lead by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**160**	1.0	NA	1	B1L0924	12/29/2011	12/29/11 17:20	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G367-1.5

Lab ID: 1100821-50

Lead by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**40**	1.0	NA	1	B1L0924	12/29/2011	12/29/11 17:21	

pH by EPA 9045C **Analyst: LA**

Analyte	Result (pH Units)	PQL (pH Units)	MDL (pH Units)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
pH	**7.6**	0.10	NA	1	B1L0954	12/29/2011	12/29/11 14:20	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G367-2.5

Lab ID: 1100821-51

Lead by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**41**	1.0	NA	1	B1L0924	12/29/2011	12/29/11 17:21	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G387-0

Lab ID: 1100821-52

Lead by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**2500**	1.0	NA	1	B1L0924	12/29/2011	12/29/11 17:22	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G387-.5

Lab ID: 1100821-53

Lead by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**210**	1.0	NA	1	B1L0925	12/29/2011	12/29/11 17:33	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G387-1.5

Lab ID: 1100821-54

Lead by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**140**	1.0	NA	1	B1L0925	12/29/2011	12/29/11 17:34	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G387-2.5

Lab ID: 1100821-55

Lead by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**5.4**	1.0	NA	1	B1L0925	12/29/2011	12/29/11 17:34	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G388-0

Lab ID: 1100821-56

Lead by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**740**	1.0	NA	1	B1L0925	12/29/2011	12/29/11 17:35	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G388-.5

Lab ID: 1100821-57

Lead by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**910**	1.0	NA	1	B1L0925	12/29/2011	12/29/11 17:36	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G388-1.5

Lab ID: 1100821-58

Lead by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**1000**	1.0	NA	1	B1L0925	12/29/2011	12/29/11 17:37	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G388-2.5

Lab ID: 1100821-59

Lead by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**140**	1.0	NA	1	B1L0925	12/29/2011	12/29/11 17:37	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G383-0

Lab ID: 1100821-60

Lead by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**260**	1.0	NA	1	B1L0925	12/29/2011	12/29/11 17:38	

pH by EPA 9045C **Analyst: LA**

Analyte	Result (pH Units)	PQL (pH Units)	MDL (pH Units)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
pH	**8.6**	0.10	NA	1	B1L0954	12/29/2011	12/29/11 14:20	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G383-.5

Lab ID: 1100821-61

Lead by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**5.3**	1.0	NA	1	B1L0925	12/29/2011	12/29/11 17:40	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G383-1.5

Lab ID: 1100821-62

Lead by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**12**	1.0	NA	1	B1L0925	12/29/2011	12/29/11 17:41	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G383-2.5

Lab ID: 1100821-63

Lead by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**6.2**	1.0	NA	1	B1L0925	12/29/2011	12/29/11 17:41	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G384-0

Lab ID: 1100821-64

Lead by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**700**	1.0	NA	1	B1L0925	12/29/2011	12/29/11 17:42	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G384-.5

Lab ID: 1100821-65

Lead by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**24**	1.0	NA	1	B1L0925	12/29/2011	12/29/11 17:43	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G384-1.5

Lab ID: 1100821-66

Lead by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**7.5**	1.0	NA	1	B1L0925	12/29/2011	12/29/11 17:43	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G384-2.5

Lab ID: 1100821-67

Lead by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**14**	1.0	NA	1	B1L0925	12/29/2011	12/29/11 17:44	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G385-0

Lab ID: 1100821-68

Lead by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**640**	1.0	NA	1	B1L0925	12/29/2011	12/29/11 17:45	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G385-.5

Lab ID: 1100821-69

Lead by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**11**	1.0	NA	1	B1L0925	12/29/2011	12/29/11 17:45	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G385-1.5

Lab ID: 1100821-70

Lead by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**6.7**	1.0	NA	1	B1L0925	12/29/2011	12/29/11 17:46	

pH by EPA 9045C **Analyst: LA**

Analyte	Result (pH Units)	PQL (pH Units)	MDL (pH Units)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
pH	**6.5**	0.10	NA	1	B1L0954	12/29/2011	12/29/11 14:20	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G385-2.5

Lab ID: 1100821-71

Lead by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**6.6**	1.0	NA	1	B1L0925	12/29/2011	12/29/11 17:48	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G258-0

Lab ID: 1100821-72

Lead by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**300**	1.0	NA	1	B1L0925	12/29/2011	12/29/11 17:49	

Hexavalent Chromium by EPA 7196A/3060A **Analyst: AG**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Hexavalent Chromium	ND	25	NA	25	B1L1019	12/29/2011	12/30/11 13:33	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G258-0.5

Lab ID: 1100821-73

Lead by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**93**	1.0	NA	1	B1L0926	12/29/2011	12/29/11 17:56	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G259-0

Lab ID: 1100821-74

Lead by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**210**	1.0	NA	1	B1L0926	12/29/2011	12/29/11 17:57	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G259-0.5

Lab ID: 1100821-75

Lead by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**89**	1.0	NA	1	B1L0926	12/29/2011	12/29/11 17:57	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G260-0

Lab ID: 1100821-76

Lead by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**330**	1.0	NA	1	B1L0926	12/29/2011	12/29/11 17:58	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G260-0.5

Lab ID: 1100821-77

Lead by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**150**	1.0	NA	1	B1L0926	12/29/2011	12/29/11 17:59	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G261-0

Lab ID: 1100821-78

Lead by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**870**	1.0	NA	1	B1L0926	12/29/2011	12/29/11 17:59	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G261-0.5

Lab ID: 1100821-79

Lead by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**12**	1.0	NA	1	B1L0926	12/29/2011	12/29/11 18:00	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G262-0

Lab ID: 1100821-80

Lead by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**490**	1.0	NA	1	B1L0926	12/29/2011	12/29/11 18:01	

pH by EPA 9045C **Analyst: LA**

Analyte	Result (pH Units)	PQL (pH Units)	MDL (pH Units)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
pH	**9.1**	0.10	NA	1	B1L0954	12/29/2011	12/29/11 14:20	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G262-0.5

Lab ID: 1100821-81

Lead by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**88**	1.0	NA	1	B1L0926	12/29/2011	12/29/11 18:01	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G263-0

Lab ID: 1100821-82

Lead by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**330**	1.0	NA	1	B1L0926	12/29/2011	12/29/11 18:02	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G263-0.5

Lab ID: 1100821-83

Lead by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**220**	1.0	NA	1	B1L0926	12/29/2011	12/29/11 18:04	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G250-0

Lab ID: 1100821-84

Lead by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**8.1**	1.0	NA	1	B1L0926	12/29/2011	12/29/11 18:05	

Hexavalent Chromium by EPA 7196A/3060A **Analyst: AG**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Hexavalent Chromium	**1.0**	1.0	NA	1	B1L1019	12/29/2011	12/30/11 13:33	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G250-0.5

Lab ID: 1100821-85

Lead by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**7.6**	1.0	NA	1	B1L0926	12/29/2011	12/29/11 18:06	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G251-0

Lab ID: 1100821-86

Lead by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**460**	1.0	NA	1	B1L0926	12/29/2011	12/29/11 18:06	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G251-0.5

Lab ID: 1100821-87

Lead by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**250**	1.0	NA	1	B1L0926	12/29/2011	12/29/11 18:07	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G252-0

Lab ID: 1100821-88

Lead by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**260**	1.0	NA	1	B1L0926	12/29/2011	12/29/11 18:08	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G252-0.5

Lab ID: 1100821-89

Lead by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**40**	1.0	NA	1	B1L0926	12/29/2011	12/29/11 18:08	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G253-0

Lab ID: 1100821-90

Lead by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**6.7**	1.0	NA	1	B1L0926	12/29/2011	12/29/11 18:09	

pH by EPA 9045C **Analyst: LA**

Analyte	Result (pH Units)	PQL (pH Units)	MDL (pH Units)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
pH	**7.2**	0.10	NA	1	B1L0954	12/29/2011	12/29/11 14:20	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G253-0.5

Lab ID: 1100821-91

Lead by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**10**	1.0	NA	1	B1L0926	12/29/2011	12/29/11 18:10	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G254-0

Lab ID: 1100821-92

Lead by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**990**	1.0	NA	1	B1L0926	12/29/2011	12/29/11 18:10	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G254-0.5

Lab ID: 1100821-93

Lead by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**40**	1.0	NA	1	B1L0927	12/29/2011	12/29/11 18:22	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G255-0

Lab ID: 1100821-94

Lead by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**180**	1.0	NA	1	B1L0927	12/29/2011	12/29/11 18:22	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G255-0.5

Lab ID: 1100821-95

Lead by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**20**	1.0	NA	1	B1L0927	12/29/2011	12/29/11 18:24	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G237-0

Lab ID: 1100821-96

Lead by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**7.4**	1.0	NA	1	B1L0927	12/29/2011	12/29/11 18:25	

Hexavalent Chromium by EPA 7196A/3060A **Analyst: AG**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Hexavalent Chromium	**1.1**	1.0	NA	1	B1L1019	12/29/2011	12/30/11 13:33	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G237-0.5

Lab ID: 1100821-97

Lead by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**31**	1.0	NA	1	B1L0927	12/29/2011	12/29/11 18:26	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G238-0

Lab ID: 1100821-98

Lead by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**410**	1.0	NA	1	B1L0927	12/29/2011	12/29/11 18:26	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G238-0.5

Lab ID: 1100821-99

Lead by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**38**	1.0	NA	1	B1L0927	12/29/2011	12/29/11 18:27	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G239-0
Lab ID: 1100821-AA

Lead by ICP-AES EPA 6010B

Analyst: KK

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**210**	1.0	NA	1	B1L0927	12/29/2011	12/29/11 18:28	

pH by EPA 9045C

Analyst: LA

Analyte	Result (pH Units)	PQL (pH Units)	MDL (pH Units)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
pH	**7.0**	0.10	NA	1	B1L0954	12/29/2011	12/29/11 14:20	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G239-0.5

Lab ID: 1100821-AB

Lead by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**140**	1.0	NA	1	B1L0927	12/29/2011	12/29/11 18:29	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G240-0

Lab ID: 1100821-AC

Lead by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**6.2**	1.0	NA	1	B1L0927	12/29/2011	12/29/11 18:29	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G240-0.5

Lab ID: 1100821-AD

Lead by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**7.8**	1.0	NA	1	B1L0927	12/29/2011	12/29/11 18:30	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G241-0

Lab ID: 1100821-AE

Lead by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**79**	1.0	NA	1	B1L0927	12/29/2011	12/29/11 18:31	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G241-0.5

Lab ID: 1100821-AF

Lead by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**210**	1.0	NA	1	B1L0927	12/29/2011	12/29/11 18:33	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G242-0

Lab ID: 1100821-AG

Lead by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**190**	1.0	NA	1	B1L0927	12/29/2011	12/29/11 18:34	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G242-0.5

Lab ID: 1100821-AH

Lead by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**150**	1.0	NA	1	B1L0927	12/29/2011	12/29/11 18:35	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G243-0

Lab ID: 1100821-AI

Lead by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**6.6**	1.0	NA	1	B1L0927	12/29/2011	12/29/11 18:35	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G243-0.5

Lab ID: 1100821-AJ

Lead by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**40**	1.0	NA	1	B1L0927	12/29/2011	12/29/11 18:36	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G244-0

Lab ID: 1100821-AK

Lead by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**36**	1.0	NA	1	B1L0927	12/29/2011	12/29/11 18:37	

pH by EPA 9045C **Analyst: LA**

Analyte	Result (pH Units)	PQL (pH Units)	MDL (pH Units)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
pH	**7.1**	0.10	NA	1	B1L0954	12/29/2011	12/29/11 14:20	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G244-0.5

Lab ID: 1100821-AL

Lead by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**52**	1.0	NA	1	B1L0927	12/29/2011	12/29/11 18:37	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G245-0

Lab ID: 1100821-AM

Lead by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**28**	1.0	NA	1	B1L0927	12/29/2011	12/29/11 18:38	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G245-0.5

Lab ID: 1100821-AN

Lead by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**56**	1.0	NA	1	B1L0928	12/29/2011	12/29/11 18:46	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G246-0

Lab ID: 1100821-AO

Lead by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**9.7**	1.0	NA	1	B1L0928	12/29/2011	12/29/11 18:46	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G246-0.5

Lab ID: 1100821-AP

Lead by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**41**	1.0	NA	1	B1L0928	12/29/2011	12/29/11 18:47	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G247-0

Lab ID: 1100821-AQ

Lead by ICP-AES EPA 6010B

Analyst: KK

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**63**	1.0	NA	1	B1L0928	12/29/2011	12/29/11 18:48	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G247-0.5

Lab ID: 1100821-AR

Lead by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**120**	1.0	NA	1	B1L0928	12/29/2011	12/29/11 18:50	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G248-0

Lab ID: 1100821-AS

Lead by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**30**	1.0	NA	1	B1L0928	12/29/2011	12/29/11 18:51	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G248-0.5

Lab ID: 1100821-AT

Lead by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**110**	1.0	NA	1	B1L0928	12/29/2011	12/29/11 18:51	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G224-0

Lab ID: 1100821-AU

Lead by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**97**	1.0	NA	1	B1L0928	12/29/2011	12/29/11 18:52	

pH by EPA 9045C **Analyst: LA**

Analyte	Result (pH Units)	PQL (pH Units)	MDL (pH Units)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
pH	**6.5**	0.10	NA	1	B1L0955	12/29/2011	12/29/11 14:23	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G224-0.5

Lab ID: 1100821-AV

Lead by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**8.3**	1.0	NA	1	B1L0928	12/29/2011	12/29/11 18:53	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G225-0

Lab ID: 1100821-AW

Lead by ICP-AES EPA 6010B

Analyst: KK

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**79**	1.0	NA	1	B1L0928	12/29/2011	12/29/11 18:53	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G225-0.5

Lab ID: 1100821-AX

Lead by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**38**	1.0	NA	1	B1L0928	12/29/2011	12/29/11 18:54	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G226-0

Lab ID: 1100821-AY

Lead by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**890**	1.0	NA	1	B1L0928	12/29/2011	12/29/11 18:55	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G226-0.5

Lab ID: 1100821-AZ

Lead by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**590**	1.0	NA	1	B1L0928	12/29/2011	12/29/11 18:55	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G227-0

Lab ID: 1100821-BA

Lead by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**47**	1.0	NA	1	B1L0928	12/29/2011	12/29/11 18:56	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G227-0.5

Lab ID: 1100821-BB

Lead by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**11**	1.0	NA	1	B1L0928	12/29/2011	12/29/11 18:58	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G228-0

Lab ID: 1100821-BC

Lead by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**36**	1.0	NA	1	B1L0928	12/29/2011	12/29/11 18:59	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G228-0.5

Lab ID: 1100821-BD

Lead by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**9.4**	1.0	NA	1	B1L0928	12/29/2011	12/29/11 18:59	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G229-0
Lab ID: 1100821-BE

Lead by ICP-AES EPA 6010B

Analyst: KK

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**180**	1.0	NA	1	B1L0928	12/29/2011	12/29/11 19:00	

pH by EPA 9045C

Analyst: LA

Analyte	Result (pH Units)	PQL (pH Units)	MDL (pH Units)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
pH	**6.2**	0.10	NA	1	B1L0955	12/29/2011	12/29/11 14:23	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G229-0.5

Lab ID: 1100821-BF

Lead by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**68**	1.0	NA	1	B1L0928	12/29/2011	12/29/11 19:01	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G204-0

Lab ID: 1100821-BG

Lead by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**6.3**	1.0	NA	1	B1L0928	12/29/2011	12/29/11 19:01	

Hexavalent Chromium by EPA 7196A/3060A **Analyst: AG**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Hexavalent Chromium	ND	1.0	NA	1	B1L1019	12/29/2011	12/30/11 13:33	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G204-0.5

Lab ID: 1100821-BH

Lead by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**40**	1.0	NA	1	B1L0929	12/29/2011	12/29/11 19:09	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G205-0

Lab ID: 1100821-BI

Lead by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**210**	1.0	NA	1	B1L0929	12/29/2011	12/29/11 19:10	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G205-0.5

Lab ID: 1100821-BJ

Lead by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**110**	1.0	NA	1	B1L0929	12/29/2011	12/29/11 19:11	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G206-0

Lab ID: 1100821-BK

Lead by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**87**	1.0	NA	1	B1L0929	12/29/2011	12/29/11 19:11	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G206-0.5

Lab ID: 1100821-BL

Lead by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**20**	1.0	NA	1	B1L0929	12/29/2011	12/29/11 19:12	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G207-0

Lab ID: 1100821-BM

Lead by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**81**	1.0	NA	1	B1L0929	12/29/2011	12/29/11 19:13	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G207-0.5

Lab ID: 1100821-BN

Lead by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**52**	1.0	NA	1	B1L0929	12/29/2011	12/29/11 19:15	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G208-0

Lab ID: 1100821-BO

Lead by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**180**	1.0	NA	1	B1L0929	12/29/2011	12/29/11 19:15	

pH by EPA 9045C **Analyst: LA**

Analyte	Result (pH Units)	PQL (pH Units)	MDL (pH Units)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
pH	**6.9**	0.10	NA	1	B1L0955	12/29/2011	12/29/11 14:23	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G208-0.5

Lab ID: 1100821-BP

Lead by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**21**	1.0	NA	1	B1L0929	12/29/2011	12/29/11 19:16	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G209-0

Lab ID: 1100821-BQ

Lead by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**130**	1.0	NA	1	B1L0929	12/29/2011	12/29/11 19:17	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G209-0.5

Lab ID: 1100821-BR

Lead by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**30**	1.0	NA	1	B1L0929	12/29/2011	12/29/11 19:17	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G322-0

Lab ID: 1100821-BS

Lead by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**10**	1.0	NA	1	B1L0929	12/29/2011	12/29/11 19:18	

Hexavalent Chromium by EPA 7196A/3060A **Analyst: AG**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Hexavalent Chromium	ND	1.0	NA	1	B1L1019	12/29/2011	12/30/11 13:33	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G322-0.5

Lab ID: 1100821-BT

Lead by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**10**	1.0	NA	1	B1L0929	12/29/2011	12/29/11 19:19	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G323-0

Lab ID: 1100821-BU

Lead by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**18**	1.0	NA	1	B1L0929	12/29/2011	12/29/11 19:19	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G323-0.5

Lab ID: 1100821-BV

Lead by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**33**	1.0	NA	1	B1L0929	12/29/2011	12/29/11 19:20	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G324-0

Lab ID: 1100821-BW

Lead by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**540**	1.0	NA	1	B1L0929	12/29/2011	12/29/11 19:21	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G324-0.5

Lab ID: 1100821-BX

Lead by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**49**	1.0	NA	1	B1L0929	12/29/2011	12/29/11 19:23	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G325-0

Lab ID: 1100821-BY

Lead by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**100**	1.0	NA	1	B1L0929	12/29/2011	12/29/11 19:23	

pH by EPA 9045C **Analyst: LA**

Analyte	Result (pH Units)	PQL (pH Units)	MDL (pH Units)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
pH	**6.6**	0.10	NA	1	B1L0955	12/29/2011	12/29/11 14:23	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G325-0.5

Lab ID: 1100821-BZ

Lead by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**64**	1.0	NA	1	B1L0929	12/29/2011	12/29/11 19:24	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G326-0

Lab ID: 1100821-CA

Lead by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**76**	1.0	NA	1	B1L0929	12/29/2011	12/29/11 19:25	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G326-0.5

Lab ID: 1100821-CB

Lead by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**9.0**	1.0	NA	1	B1L0930	12/29/2011	12/29/11 19:29	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G327-0

Lab ID: 1100821-CC

Lead by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**74**	1.0	NA	1	B1L0930	12/29/2011	12/29/11 19:31	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Client Sample ID G327-0.5

Lab ID: 1100821-CD

Lead by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**9.2**	1.0	NA	1	B1L0930	12/29/2011	12/29/11 19:32	

pH by EPA 9045C **Analyst: LA**

Analyte	Result (pH Units)	PQL (pH Units)	MDL (pH Units)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
pH	**7.4**	0.10	NA	1	B1L0955	12/29/2011	12/29/11 14:23	

Geocon Consultants, Inc.	Project Number :	TO-16, E8560-06-16
6671 Brisa Street	Report To :	Luann Beadle
Livermore , CA 94550	Reported :	12/30/2011

QUALITY CONTROL SECTION

Total Metals by ICP-AES EPA 6010B - Quality Control

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0888 - EPA 3050B									
Blank (B1L0888-BLK1)				Prepared: 12/28/2011 Analyzed: 12/29/2011					
Antimony	ND	2.0			NR				
Arsenic	ND	1.0			NR				
Barium	ND	1.0			NR				
Beryllium	ND	1.0			NR				
Cadmium	ND	1.0			NR				
Chromium	ND	1.0			NR				
Cobalt	ND	1.0			NR				
Copper	ND	2.0			NR				
Lead	ND	1.0			NR				
Molybdenum	ND	1.0			NR				
Nickel	ND	1.0			NR				
Selenium	ND	1.0			NR				
Silver	ND	1.0			NR				
Thallium	ND	1.0			NR				
Vanadium	ND	1.0			NR				
Zinc	ND	1.0			NR				
LCS (B1L0888-BS1)				Prepared: 12/28/2011 Analyzed: 12/29/2011					
Antimony	43	2.0	50.0		85.6	80 - 120			
Arsenic	41	1.0	50.0		81.3	80 - 120			
Barium	43	1.0	50.0		86.8	80 - 120			
Beryllium	45	1.0	50.0		90.8	80 - 120			
Cadmium	41	1.0	50.0		81.5	80 - 120			
Chromium	42	1.0	50.0		84.3	80 - 120			
Cobalt	43	1.0	50.0		85.7	80 - 120			
Copper	44	2.0	50.0		88.8	80 - 120			
Lead	45	1.0	50.0		89.4	80 - 120			
Molybdenum	46	1.0	50.0		91.7	80 - 120			
Nickel	42	1.0	50.0		84.1	80 - 120			
Selenium	41	1.0	50.0		81.9	80 - 120			
Silver	43	1.0	50.0		86.3	80 - 120			
Thallium	46	1.0	50.0		91.0	80 - 120			
Vanadium	45	1.0	50.0		89.4	80 - 120			
Zinc	42	1.0	50.0		83.5	80 - 120			
Duplicate (B1L0888-DUP1)		**Source: 1100820-72**		Prepared: 12/28/2011 Analyzed: 12/29/2011					
Antimony	ND	2.0		ND	NR			20	
Arsenic	6.0	1.0		5.5	NR		8.81	20	
Barium	130	1.0		130	NR		0.746	20	
Beryllium	0.24	1.0		0.26	NR		8.73	20	

Geocon Consultants, Inc.	Project Number : TO-16, E8560-06-16
6671 Brisa Street	Report To : Luann Beadle
Livermore , CA 94550	Reported : 12/30/2011

Total Metals by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0888 - EPA 3050B (continued)									
Duplicate (B1L0888-DUP1) - Continued		**Source: 1100820-72**		Prepared: 12/28/2011 Analyzed: 12/29/2011					
Cadmium	ND	1.0		ND	NR			20	
Chromium	13	1.0		15	NR		13.7	20	
Cobalt	7.0	1.0		6.7	NR		3.79	20	
Copper	16	2.0		17	NR		7.40	20	
Lead	140	1.0		250	NR		54.2	20	R
Molybdenum	ND	1.0		ND	NR			20	
Nickel	16	1.0		16	NR		2.06	20	
Selenium	ND	1.0		ND	NR			20	
Silver	0.08	1.0		0.08	NR		3.97	20	
Thallium	ND	1.0		0.08	NR			20	
Vanadium	25	1.0		23	NR		7.11	20	
Zinc	50	1.0		57	NR		13.8	20	
Matrix Spike (B1L0888-MS1)		**Source: 1100820-72**		Prepared: 12/28/2011 Analyzed: 12/29/2011					
Antimony	71	2.0	125	ND	57.0	44 - 105			
Arsenic	94	1.0	125	5.5	70.8	57 - 103			
Barium	250	1.0	125	130	91.2	36 - 134			
Beryllium	100	1.0	125	0.26	79.5	64 - 106			
Cadmium	88	1.0	125	ND	70.1	58 - 102			
Chromium	110	1.0	125	15	74.3	55 - 105			
Cobalt	100	1.0	125	6.7	75.2	59 - 105			
Copper	120	2.0	125	17	80.8	64 - 117			
Lead	210	1.0	125	250	-30.8	46 - 116			M1
Molybdenum	92	1.0	125	ND	73.9	59 - 108			
Nickel	110	1.0	125	16	73.3	52 - 109			
Selenium	89	1.0	125	ND	71.3	56 - 100			
Silver	98	1.0	125	0.08	78.5	65 - 107			
Thallium	94	1.0	125	0.08	75.5	47 - 100			
Vanadium	120	1.0	125	23	80.7	64 - 110			
Zinc	140	1.0	125	57	64.8	37 - 123			
Matrix Spike Dup (B1L0888-MSD1)		**Source: 1100820-72**		Prepared: 12/28/2011 Analyzed: 12/29/2011					
Antimony	71	2.0	125	ND	56.5	44 - 105	0.790	20	
Arsenic	94	1.0	125	5.5	70.5	57 - 103	0.351	20	
Barium	240	1.0	125	130	84.9	36 - 134	3.17	20	
Beryllium	98	1.0	125	0.26	78.0	64 - 106	1.91	20	
Cadmium	86	1.0	125	ND	68.5	58 - 102	2.26	20	
Chromium	110	1.0	125	15	72.9	55 - 105	1.66	20	
Cobalt	99	1.0	125	6.7	74.2	59 - 105	1.20	20	
Copper	120	2.0	125	17	78.7	64 - 117	2.24	20	
Lead	240	1.0	125	250	-10.0	46 - 116	11.7	20	M1
Molybdenum	92	1.0	125	ND	73.3	59 - 108	0.902	20	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Total Metals by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0888 - EPA 3050B (continued)									
Matrix Spike Dup (B1L0888-MSD1) - Continued		**Source: 1100820-72**		Prepared: 12/28/2011 Analyzed: 12/29/2011					
Nickel	110	1.0	125	16	72.3	52 - 109	1.16	20	
Selenium	88	1.0	125	ND	70.3	56 - 100	1.38	20	
Silver	96	1.0	125	0.08	77.0	65 - 107	1.86	20	
Thallium	95	1.0	125	0.08	75.7	47 - 100	0.262	20	
Vanadium	120	1.0	125	23	79.0	64 - 110	1.76	20	
Zinc	140	1.0	125	57	64.9	37 - 123	0.114	20	

Geocon Consultants, Inc.	Project Number : TO-16, E8560-06-16
6671 Brisa Street	Report To : Luann Beadle
Livermore , CA 94550	Reported : 12/30/2011

Lead by ICP-AES EPA 6010B - Quality Control

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0922 - EPA 3050 Modified									
Blank (B1L0922-BLK1)				Prepared: 12/29/2011 Analyzed: 12/29/2011					
Lead	ND	1.0			NR				
Blank (B1L0922-BLK2)				Prepared: 12/29/2011 Analyzed: 12/29/2011					
Lead	ND	1.0			NR				
LCS (B1L0922-BS1)				Prepared: 12/29/2011 Analyzed: 12/29/2011					
Lead	290	1.0	250		118	80 - 120			
Duplicate (B1L0922-DUP1)		**Source: 1100821-13**		Prepared: 12/29/2011 Analyzed: 12/29/2011					
Lead	31	1.0		35	NR		11.3	20	
Duplicate (B1L0922-DUP2)		**Source: 1100820-82**		Prepared: 12/29/2011 Analyzed: 12/29/2011					
Lead	11	1.0		9.4	NR		19.3	20	
Matrix Spike (B1L0922-MS1)		**Source: 1100821-13**		Prepared: 12/29/2011 Analyzed: 12/29/2011					
Lead	270	1.0	250	35	94.6	46 - 116			
Matrix Spike (B1L0922-MS2)		**Source: 1100820-82**		Prepared: 12/29/2011 Analyzed: 12/29/2011					
Lead	240	1.0	250	9.4	91.8	46 - 116			
Matrix Spike Dup (B1L0922-MSD1)		**Source: 1100821-13**		Prepared: 12/29/2011 Analyzed: 12/29/2011					
Lead	240	1.0	250	35	81.2	46 - 116	13.2	20	
Batch B1L0923 - EPA 3050 Modified									
Blank (B1L0923-BLK1)				Prepared: 12/29/2011 Analyzed: 12/29/2011					
Lead	ND	1.0			NR				
Blank (B1L0923-BLK2)				Prepared: 12/29/2011 Analyzed: 12/29/2011					
Lead	ND	1.0			NR				
LCS (B1L0923-BS1)				Prepared: 12/29/2011 Analyzed: 12/29/2011					
Lead	270	1.0	250		107	80 - 120			
Duplicate (B1L0923-DUP1)		**Source: 1100821-33**		Prepared: 12/29/2011 Analyzed: 12/29/2011					
Lead	320	1.0		340	NR		6.06	20	
Duplicate (B1L0923-DUP2)		**Source: 1100821-23**		Prepared: 12/29/2011 Analyzed: 12/29/2011					
Lead	28	1.0		50	NR		55.7	20	R
Matrix Spike (B1L0923-MS1)		**Source: 1100821-33**		Prepared: 12/29/2011 Analyzed: 12/29/2011					
Lead	670	1.0	250	340	136	46 - 116			M1

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Lead by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0923 - EPA 3050 Modified (continued)									
Matrix Spike (B1L0923-MS2)		**Source: 1100821-23**		Prepared: 12/29/2011 Analyzed: 12/29/2011					
Lead	260	1.0	250	50	85.4	46 - 116			
Matrix Spike Dup (B1L0923-MSD1)		**Source: 1100821-33**		Prepared: 12/29/2011 Analyzed: 12/29/2011					
Lead	690	1.0	250	340	142	46 - 116	2.45	20	M1
Batch B1L0924 - EPA 3050 Modified									
Blank (B1L0924-BLK1)				Prepared: 12/29/2011 Analyzed: 12/30/2011					
Lead	ND	1.0			NR				
Blank (B1L0924-BLK2)				Prepared: 12/29/2011 Analyzed: 12/29/2011					
Lead	ND	1.0			NR				
LCS (B1L0924-BS1)				Prepared: 12/29/2011 Analyzed: 12/29/2011					
Lead	270	1.0	250		108	80 - 120			
Duplicate (B1L0924-DUP1)		**Source: 1100821-52**		Prepared: 12/29/2011 Analyzed: 12/29/2011					
Lead	2000	1.0		2500	NR		20.3	20	R
Duplicate (B1L0924-DUP2)		**Source: 1100821-42**		Prepared: 12/29/2011 Analyzed: 12/29/2011					
Lead	7.9	1.0		9.6	NR		19.1	20	
Matrix Spike (B1L0924-MS1)		**Source: 1100821-52**		Prepared: 12/29/2011 Analyzed: 12/29/2011					
Lead	2600	1.0	250	2500	43.6	46 - 116			M1
Matrix Spike (B1L0924-MS2)		**Source: 1100821-42**		Prepared: 12/29/2011 Analyzed: 12/29/2011					
Lead	240	1.0	250	9.6	93.2	46 - 116			

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Lead by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0924 - EPA 3050 Modified (continued)									
Matrix Spike Dup (B1L0924-MSD1)		**Source: 1100821-52**		Prepared: 12/29/2011 Analyzed: 12/29/2011					
Lead	2600	1.0	250	2500	56.6	46 - 116	1.25	20	

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Lead by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0925 - EPA 3050 Modified									
Blank (B1L0925-BLK1)				Prepared: 12/29/2011 Analyzed: 12/29/2011					
Lead	ND	1.0			NR				

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Lead by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0925 - EPA 3050 Modified (continued)									
Blank (B1L0925-BLK2)				Prepared: 12/29/2011 Analyzed: 12/29/2011					
Lead	ND	1.0			NR				

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Lead by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0925 - EPA 3050 Modified (continued)									
LCS (B1L0925-BS1)				Prepared: 12/29/2011 Analyzed: 12/29/2011					
Lead	230	1.0	250		90.5	80 - 120			

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Lead by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0925 - EPA 3050 Modified (continued)									
Duplicate (B1L0925-DUP1)		**Source: 1100821-72**		Prepared: 12/29/2011 Analyzed: 12/29/2011					
Lead	370	1.0		300	NR		20.8	20	R

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Lead by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0925 - EPA 3050 Modified (continued)									
Duplicate (B1L0925-DUP2)		**Source: 1100821-62**		Prepared: 12/29/2011 Analyzed: 12/29/2011					
Lead	8.7	1.0		12	NR		29.1	20	R

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Lead by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0925 - EPA 3050 Modified (continued)									
Matrix Spike (B1L0925-MS1)		**Source: 1100821-72**		Prepared: 12/29/2011 Analyzed: 12/29/2011					
Lead	620	1.0	250	300	127	46 - 116			M1

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Lead by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0925 - EPA 3050 Modified (continued)									
Matrix Spike (B1L0925-MS2)		**Source: 1100821-62**		Prepared: 12/29/2011 Analyzed: 12/29/2011					
Lead	220	1.0	250	12	83.7	46 - 116			

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Lead by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0925 - EPA 3050 Modified (continued)									
Matrix Spike Dup (B1L0925-MSD1)		**Source: 1100821-72**		Prepared: 12/29/2011 Analyzed: 12/29/2011					
Lead	550	1.0	250	300	98.5	46 - 116	12.2	20	

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Lead by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0926 - EPA 3050 Modified									
Blank (B1L0926-BLK1)				Prepared: 12/29/2011 Analyzed: 12/29/2011					
Lead	ND	1.0			NR				

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Lead by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0926 - EPA 3050 Modified (continued)									
Blank (B1L0926-BLK2)				Prepared: 12/29/2011 Analyzed: 12/29/2011					
Lead	ND	1.0			NR				

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Lead by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0926 - EPA 3050 Modified (continued)									
LCS (B1L0926-BS1)				Prepared: 12/29/2011 Analyzed: 12/29/2011					
Lead	260	1.0	250		103	80 - 120			

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Lead by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0926 - EPA 3050 Modified (continued)									
Duplicate (B1L0926-DUP1)		**Source: 1100821-92**		Prepared: 12/29/2011 Analyzed: 12/29/2011					
Lead	620	1.0		990	NR		46.1	20	R

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Lead by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0926 - EPA 3050 Modified (continued)									
Duplicate (B1L0926-DUP2)		**Source: 1100821-82**		Prepared: 12/29/2011 Analyzed: 12/29/2011					
Lead	200	1.0		330	NR		50.0	20	R

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Lead by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0926 - EPA 3050 Modified (continued)									
Matrix Spike (B1L0926-MS1)		**Source: 1100821-92**		Prepared: 12/29/2011 Analyzed: 12/29/2011					
Lead	940	1.0	250	990	-20.8	46 - 116			M1

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Lead by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0926 - EPA 3050 Modified (continued)									
Matrix Spike (B1L0926-MS2)		**Source: 1100821-82**		Prepared: 12/29/2011 Analyzed: 12/29/2011					
Lead	690	1.0	250	330	145	46 - 116			M1

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Lead by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0926 - EPA 3050 Modified (continued)									
Matrix Spike Dup (B1L0926-MSD1)		**Source: 1100821-92**		Prepared: 12/29/2011 Analyzed: 12/29/2011					
Lead	870	1.0	250	990	-49.4	46 - 116	7.90	20	M1

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Lead by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0927 - EPA 3050 Modified									
Blank (B1L0927-BLK1)				Prepared: 12/29/2011 Analyzed: 12/29/2011					
Lead	ND	1.0			NR				

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Lead by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0927 - EPA 3050 Modified (continued)									
Blank (B1L0927-BLK2)				Prepared: 12/29/2011 Analyzed: 12/29/2011					
Lead	ND	1.0			NR				

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Lead by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0927 - EPA 3050 Modified (continued)									
LCS (B1L0927-BS1)				Prepared: 12/29/2011 Analyzed: 12/29/2011					
Lead	270	1.0	250		108	80 - 120			

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Lead by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0927 - EPA 3050 Modified (continued)									
Duplicate (B1L0927-DUP1)			**Source: 1100821-AM**	Prepared: 12/29/2011 Analyzed: 12/29/2011					
Lead	32	1.0		28	NR		13.6	20	

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Lead by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0927 - EPA 3050 Modified (continued)									
Duplicate (B1L0927-DUP2)		**Source: 1100821-AC**		Prepared: 12/29/2011 Analyzed: 12/29/2011					
Lead	6.7	1.0		6.2	NR		6.95	20	

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Lead by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0927 - EPA 3050 Modified (continued)									
Matrix Spike (B1L0927-MS1)			**Source: 1100821-AM**		Prepared: 12/29/2011 Analyzed: 12/29/2011				
Lead	230	1.0	250	28	82.9	46 - 116			

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Lead by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0927 - EPA 3050 Modified (continued)									
Matrix Spike (B1L0927-MS2)		**Source: 1100821-AC**		Prepared: 12/29/2011 Analyzed: 12/29/2011					
Lead	210	1.0	250	6.2	81.0	46 - 116			

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Lead by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0927 - EPA 3050 Modified (continued)									
Matrix Spike Dup (B1L0927-MSD1)		**Source: 1100821-AM**		Prepared: 12/29/2011 Analyzed: 12/29/2011					
Lead	250	1.0	250	28	89.2	46 - 116	6.55	20	

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Lead by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0928 - EPA 3050 Modified									
Blank (B1L0928-BLK1)				Prepared: 12/29/2011 Analyzed: 12/29/2011					
Lead	ND	1.0			NR				

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Lead by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0928 - EPA 3050 Modified (continued)									
Blank (B1L0928-BLK2)				Prepared: 12/29/2011 Analyzed: 12/29/2011					
Lead	ND	1.0			NR				

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Lead by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0928 - EPA 3050 Modified (continued)									
LCS (B1L0928-BS1)				Prepared: 12/29/2011 Analyzed: 12/29/2011					
Lead	260	1.0	250		104	80 - 120			

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Lead by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0928 - EPA 3050 Modified (continued)									
Duplicate (B1L0928-DUP1)		**Source: 1100821-BG**		Prepared: 12/29/2011 Analyzed: 12/29/2011					
Lead	10	1.0		6.3	NR		48.8	20	R

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Lead by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0928 - EPA 3050 Modified (continued)									
Duplicate (B1L0928-DUP2)			**Source: 1100821-AW**	Prepared: 12/29/2011 Analyzed: 12/29/2011					
Lead	75	1.0		79	NR		4.12	20	

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Lead by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0928 - EPA 3050 Modified (continued)									
Matrix Spike (B1L0928-MS1)		**Source: 1100821-BG**		Prepared: 12/29/2011 Analyzed: 12/29/2011					
Lead	210	1.0	250	6.3	79.6	46 - 116			

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Lead by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0928 - EPA 3050 Modified (continued)									
Matrix Spike (B1L0928-MS2)		**Source: 1100821-AW**		Prepared: 12/29/2011 Analyzed: 12/29/2011					
Lead	280	1.0	250	79	81.3	46 - 116			

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Lead by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0928 - EPA 3050 Modified (continued)									
Matrix Spike Dup (B1L0928-MSD1)		**Source: 1100821-BG**		Prepared: 12/29/2011 Analyzed: 12/29/2011					
Lead	210	1.0	250	6.3	80.4	46 - 116	0.973	20	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Lead by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0929 - EPA 3050 Modified									
Blank (B1L0929-BLK1)				Prepared: 12/29/2011 Analyzed: 12/29/2011					
Lead	ND	1.0			NR				

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Lead by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0929 - EPA 3050 Modified (continued)									
Blank (B1L0929-BLK2)				Prepared: 12/29/2011 Analyzed: 12/29/2011					
Lead	ND	1.0			NR				

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Lead by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0929 - EPA 3050 Modified (continued)									
LCS (B1L0929-BS1)				Prepared: 12/29/2011 Analyzed: 12/29/2011					
Lead	260	1.0	250		102	80 - 120			

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Lead by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0929 - EPA 3050 Modified (continued)									
Duplicate (B1L0929-DUP1)			**Source: 1100821-CA**	Prepared: 12/29/2011 Analyzed: 12/29/2011					
Lead	73	1.0		76	NR		4.35	20	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Lead by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0929 - EPA 3050 Modified (continued)									
Duplicate (B1L0929-DUP2)			**Source: 1100821-BQ**	Prepared: 12/29/2011 Analyzed: 12/29/2011					
Lead	110	1.0		130	NR		14.1	20	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Lead by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0929 - EPA 3050 Modified (continued)									
Matrix Spike (B1L0929-MS1)		**Source: 1100821-CA**		Prepared: 12/29/2011 Analyzed: 12/29/2011					
Lead	300	1.0	250	76	90.6	46 - 116			

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Lead by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0929 - EPA 3050 Modified (continued)									
Matrix Spike (B1L0929-MS2)		**Source: 1100821-BQ**		Prepared: 12/29/2011 Analyzed: 12/29/2011					
Lead	320	1.0	250	130	78.6	46 - 116			

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Lead by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0929 - EPA 3050 Modified (continued)									
Matrix Spike Dup (B1L0929-MSD1)		**Source: 1100821-CA**		Prepared: 12/29/2011 Analyzed: 12/29/2011					
Lead	310	1.0	250	76	94.6	46 - 116	3.27	20	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Lead by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0930 - EPA 3050 Modified									
Blank (B1L0930-BLK1)				Prepared: 12/29/2011 Analyzed: 12/29/2011					
Lead	ND	1.0			NR				

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Lead by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0930 - EPA 3050 Modified (continued)									
LCS (B1L0930-BS1)				Prepared: 12/29/2011 Analyzed: 12/29/2011					
Lead	260	1.0	250		105	80 - 120			

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Lead by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0930 - EPA 3050 Modified (continued)									
Duplicate (B1L0930-DUP1)			**Source: 1100821-CD**	Prepared: 12/29/2011 Analyzed: 12/29/2011					
Lead	12	1.0		9.2	NR		30.1	20	R

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Lead by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0930 - EPA 3050 Modified (continued)									
Matrix Spike (B1L0930-MS1)		**Source: 1100821-CD**		Prepared: 12/29/2011 Analyzed: 12/29/2011					
Lead	220	1.0	250	9.2	86.2	46 - 116			

Geocon Consultants, Inc.	Project Number :	TO-16, E8560-06-16
6671 Brisa Street	Report To :	Luann Beadle
Livermore , CA 94550	Reported :	12/30/2011

Lead by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0930 - EPA 3050 Modified (continued)									
Matrix Spike Dup (B1L0930-MSD1)		**Source: 1100821-CD**		Prepared: 12/29/2011 Analyzed: 12/29/2011					
Lead	230	1.0	250	9.2	86.8	46 - 116	0.767	20	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Hexavalent Chromium by EPA 7196A/3060A - Quality Control

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L1019 - Prep_WC_3_S									
Blank (B1L1019-BLK1)				Prepared: 12/29/2011 Analyzed: 12/30/2011					
Hexavalent Chromium	ND	1.0			NR				

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Hexavalent Chromium by EPA 7196A/3060A - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L1019 - Prep_WC_3_S (continued)									
LCS (B1L1019-BS1)				Prepared: 12/29/2011 Analyzed: 12/30/2011					
Hexavalent Chromium	45	1.0	50.0		91	80 - 120			

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Hexavalent Chromium by EPA 7196A/3060A - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L1019 - Prep_WC_3_S (continued)									
Duplicate (B1L1019-DUP1)			**Source: 1100821-BS**		Prepared: 12/29/2011 Analyzed: 12/30/2011				
Hexavalent Chromium	0.50	1.0		0.50	NR		0	20	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Hexavalent Chromium by EPA 7196A/3060A - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L1019 - Prep_WC_3_S (continued)									
Matrix Spike (B1L1019-MS1)			**Source: 1100821-BS**		Prepared: 12/29/2011 Analyzed: 12/30/2011				
Hexavalent Chromium	41	1.0	50.0	0.50	80	75 - 125			

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Hexavalent Chromium by EPA 7196A/3060A - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L1019 - Prep_WC_3_S (continued)									
Matrix Spike Dup (B1L1019-MSD1)		**Source: 1100821-BS**		Prepared: 12/29/2011 Analyzed: 12/30/2011					
Hexavalent Chromium	39	1.0	50.0	0.50	76	75 - 125	5	20	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Mercury by AA (Cold Vapor) EPA 7471 - Quality Control

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0898 - EPA 7471									
Blank (B1L0898-BLK1)				Prepared: 12/28/2011 Analyzed: 12/30/2011					
Mercury	ND	0.10			NR				

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Mercury by AA (Cold Vapor) EPA 7471 - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0898 - EPA 7471 (continued)									
LCS (B1L0898-BS1)				Prepared: 12/28/2011 Analyzed: 12/30/2011					
Mercury	0.69	0.10	0.833		83.2	80 - 120			

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Mercury by AA (Cold Vapor) EPA 7471 - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0898 - EPA 7471 (continued)									
Duplicate (B1L0898-DUP1)		**Source: 1100820-72**		Prepared: 12/28/2011 Analyzed: 12/30/2011					
Mercury	0.02	0.10		0.03	NR		1.70	20	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Mercury by AA (Cold Vapor) EPA 7471 - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0898 - EPA 7471 (continued)									
Matrix Spike (B1L0898-MS1)		**Source: 1100820-72**		Prepared: 12/28/2011 Analyzed: 12/30/2011					
Mercury	0.81	0.10	0.833	0.03	94.4	70 - 130			

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Mercury by AA (Cold Vapor) EPA 7471 - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0898 - EPA 7471 (continued)									
Matrix Spike Dup (B1L0898-MSD1)		**Source: 1100820-72**		Prepared: 12/28/2011 Analyzed: 12/30/2011					
Mercury	0.82	0.10	0.833	0.03	95.1	70 - 130	0.639	20	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

pH by EPA 9045C - Quality Control

Analyte	Result (pH Units)	PQL (pH Units)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0953 - Prep_WC_1_S									
Duplicate (B1L0953-DUP1)		**Source: 1100821-10**		Prepared: 12/29/2011 Analyzed: 12/29/2011					
pH	8.2	0.10		8.2	NR		0.7	20	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

pH by EPA 9045C - Quality Control (cont'd)

Analyte	Result (pH Units)	PQL (pH Units)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0954 - Prep_WC_1_S									
Duplicate (B1L0954-DUP1)		**Source: 1100821-AK**		Prepared: 12/29/2011 Analyzed: 12/29/2011					
pH	7.0	0.10		7.1	NR		1	20	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

pH by EPA 9045C - Quality Control (cont'd)

Analyte	Result (pH Units)	PQL (pH Units)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0955 - Prep_WC_1_S									
Duplicate (B1L0955-DUP1)		**Source: 1100821-CD**		Prepared: 12/29/2011 Analyzed: 12/29/2011					
pH	7.4	0.10		7.4	NR		0.7	20	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	12/30/2011

Notes and Definitions

R	RPD value outside acceptance criteria. Calculation is based on raw values.
M1	Matrix spike recovery outside of acceptance limit. The analytical batch was validated by the laboratory control sample.
ND	Analyte not detected at or above reporting limit
PQL	Practical Quantitation Limit
MDL	Method Detection Limit
NR	Not Reported
RPD	Relative Percent Difference
CA1	CA-NELAP (CDPH)
CA2	CA-ELAP (CDPH)
OR1	OR-NELAP (OSPHL)
TX1	TX-NELAP (TCEQ)

CHAIN OF CUSTODY RECORD

Advanced Technology Laboratories
3275 Walnut Avenue
Signal Hill, CA 90755
(562) 989-4045 • Fax (562) 989-4040

FOR LABORATORY USE ONLY:

P.O.#:

Logged By: Date: 12/28/11

Method of Transport: Client ☐ ATL ☐ CA OverN ☐ FEDEX ☐ Other: G50

Sample Condition Upon Receipt: 9.2

1. CHILLED Y☑ N☐
2. HEADSPACE (VOA) Y☐ N☐
3. CONTAINER INTACT Y☑ N☐
4. SEALED Y☐ N☑
5. # OF SPLS MATCH COC Y☑ N☐
6. PRESERVED Y☐ N☑

Client: GEOCON CONSULTANTS, INC.
Attn: L. BEADLE
Address: 6671 Brisa Street
City: Livermore State: CA Zip Code: 94550
TEL: (925) 371-5900
FAX: (925) 371-5915

Project Name: TO-16 Project #: E8560-06-16 Sampler: (Printed Name) D. WATTS (Signature) Watts

Relinquished by: (Signature and Printed Name)	Date	Time	Received by: (Signature and Printed Name)	Date	Time
Watts	27 Dec 2011	1700	G50	27 Dec 2011	1700
			Mary Mp	12/28/11	814

I hereby authorize ATL to perform the work indicated below:
Project Mgr (Submitter)
D. WATTS
Print Name Date
Watts
Signature

Send Report To:
Attn:
Co: SAME AS ABOVE
Address
City State Zip

Bill To:
Attn:
Co: SAME AS ABOVE
Address
City State Zip

Special Instructions/Comments:
10% OF ALL CAM17 + Pb SAMPLES TO BE RUN FOR pH.
(DO NOT COMPOSITE SAMPLE SETS)

Sample/Records - Archival & Disposal
Unless otherwise requested by client, all samples will be disposed 45 days after receipt and records will be disposed 1 year after submittal of final report.

Storage Fees (applies when storage is requested):
- Sample : $2.00 / sample / mo (after 45 days)
- Records : $1.00 / ATL workorder / mo (after 1 year)

Circle or Add Analysis(es) Requested: 8081A (Pesticides), 8082 (PCB), 8260B (Volatiles), 8270C (BNA), 6010B (Total Metal) - Pb, 8015B (GRO) / BTEX, 8015B (DRO), 8021 (BTEX), TITLE 22 / CAM 17 (6010 / 7000)

SPECIFY APPROPRIATE MATRIX: SOIL, WATER, GROUND WATER, WASTEWATER

QA/QC: RTNE ☐ CT ☒ SWRCB ☐ Logcode ____ OTHER ____

ITEM	LAB USE ONLY: Batch #: / Lab No.	Sample Description: Sample I.D. / Location	Date	Time	8081A	8082	8260B	8270C	6010B	8015B (GRO)	8015B (DRO)	8021 (BTEX)	TITLE 22 / CAM 17	SOIL	WATER	GROUND WATER	WASTEWATER	TAT	Container(s) #	Type	PRESERVATION	REMARKS
	1100821-01/04	G417-0, 0.5, 1.5, 2.5	12/27/11	0841									X	X				48 Hr	4	J G	C	
	05/08	G419-		0851																		
	09/12	G501- 0, 0.5, 1.5, 2.5		0855				X												Bg P		
	13/16	G503-		0910																		
	17/20	G505-		0915																		
	21/23	G507- 0, 0.5, 1.5		0901															3			REF 2'
	24/27	G389- 0, 0.5, 1.5, 2.5		1011				X											4	Bg P		
	28/31	G390-		0957																		
	32/35	G391-		0950																		
	36/37	G386-		1041																		

• TAT starts 8 a.m. following day if samples received after 3 p.m.

TAT: A= Overnight ≤ 24 hr B= Emergency Next workday C= Critical 2 Workdays D= Urgent 3 Workdays E= Routine 7 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=Hcl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

DISTRIBUTION: White with report Yellow to folder Pink to submitter

CHAIN OF CUSTODY RECORD

Advanced Technology Laboratories
3275 Walnut Avenue
Signal Hill, CA 90755
(562) 989-4045 • Fax (562) 989-4040

FOR LABORATORY USE ONLY:

P.O.#: _____

Logged By: _____ Date: _____

Method of Transport: Client ☐ ATL ☐ CA OverN ☐ FEDEX ☐ Other: _____

Sample Condition Upon Receipt: 1. CHILLED Y☐ N☐ 2. HEADSPACE (VOA) Y☐ N☐ 3. CONTAINER INTACT Y☐ N☐ 4. SEALED Y☐ N☐ 5. # OF SPLS MATCH COC Y☐ N☐ 6. PRESERVED Y☐ N☐

Client: GEOCON CONSULTANTS, INC.
Attn: L. BEADLE
Address: 6671 Brisa Street
City: Livermore State: CA Zip Code: 94550
TEL: (925) 371-5900
FAX: (925) 371-5915

Project Name: TO-16 Project #: E8560-06-16 Sampler: (Printed Name) D. WATTS (Signature) Watts

Relinquished by: (Signature and Printed Name) Watts Date: 27 Dec 2011 Time: 1700 Received by: (Signature and Printed Name) GSO Date: 27 Dec 2011 Time: 1700
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Mary [illegible] Date: 12/28/11 Time: 814
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:

I hereby authorize ATL to perform the work indicated below:
Project Mgr (Submitter): D. WATTS
Print Name Date
Signature: Watts

Send Report To: Attn: _____ Co: SAME AS ABOVE Address _____ City _____ State _____ Zip _____

Bill To: Attn: _____ Co: SAME AS ABOVE Address _____ City _____ State _____ Zip _____

Special Instructions/Comments:
SEE Pg 1
* RUN HEX Cr ON G258-0

Sample/Records - Archival & Disposal
Unless otherwise requested by client, all samples will be disposed 45 days after receipt and records will be disposed 1 year after submittal of final report.

Storage Fees (applies when storage is requested):
- Sample : $2.00 / sample / mo (after 45 days)
- Records : $1.00 / ATL workorder / mo (after 1 year)

Circle or Add Analysis(es) Requested: 8081A (Pesticides), 8082 (PCB), 8260B (Volatiles), 8270C (BNA), 6010B (Total Metal) - Pb, 8015B (GRO) / BTEX, 8015B (DRO), 8021 (BTEX), TITLE 22 / CAM 17 (6010 / 7000)

SPECIFY APPROPRIATE MATRIX: SOIL, WATER, GROUND WATER, WASTEWATER

QA/QC: RTNE ☐ CT ☒ SWRCB ☐ Logcode _____ OTHER _____

ITEM	LAB USE ONLY: Batch #: Lab No.	Sample Description: Sample I.D. / Location	Date	Time	8081A (Pesticides)	8082 (PCB)	8260B (Volatiles)	8270C (BNA)	6010B (Total Metal) - Pb	8015B (GRO) / BTEX	8015B (DRO)	8021 (BTEX)	TITLE 22 / CAM 17 (6010 / 7000)	SOIL	WATER	GROUND WATER	WASTEWATER	TAT	Container(s) #	Container(s) Type	PRESERVATION	REMARKS
	1108871-40/43	G362-0, .5, 1.5, 2.5	12-27-11	0955				X						X				48Hr	4	Bg P	C	
	44/47	G366-0, .5, 1.5, 2.5		1005																		
	48/51	G367-0, .5, 1.5, 2.5		1015																		
	52/55	G387-	12/27/11	1034																		
	56/59	G388-		1027																		
	60/63	G383-0, .5, 1.5, 2.5	12-27-11	1036																		
	64/67	G384-0, .5, 1.5, 2.5		1045																		
	68/71	G385-0, .5, 1.5, 2.5		1055																		
	72/73	G258-0, 0.5	12/27/11	1121															2			*
	74/75	G259-		1124																		

• TAT starts 8 a.m. following day if samples received after 3 p.m.

TAT: A= Overnight ≤ 24 hr B= Emergency Next workday C= Critical 2 Workdays D= Urgent 3 Workdays E= Routine 7 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=Hcl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

DISTRIBUTION: White with report Yellow to folder Pink to submitter

CHAIN OF CUSTODY RECORD

Advanced Technology Laboratories
3275 Walnut Avenue
Signal Hill, CA 90755
(562) 989-4045 • Fax (562) 989-4040

FOR LABORATORY USE ONLY:

P.O.#: _____

Logged By: _____ Date: _____

Method of Transport: Client ☐ ATL ☐ CA OverN ☐ FEDEX ☐ Other: _____

Sample Condition Upon Receipt: 1. CHILLED Y☐ N☐ 2. HEADSPACE (VOA) Y☐ N☐ 3. CONTAINER INTACT Y☐ N☐ 4. SEALED Y☐ N☐ 5. # OF SPLS MATCH COC Y☐ N☐ 6. PRESERVED Y☐ N☐

Client: GEOCON CONSULTANTS, INC.
Attn: L. BEADLE
Address: 6671 Brisa Street
City: Livermore State: CA Zip Code: 94550
TEL: (925) 371-5900
FAX: (925) 371-5915

Project Name: TO-16 Project #: E8560-06-16 Sampler: (Printed Name) D. WATTS (Signature) WILL

Relinquished by: (Signature and Printed Name)	Date:	Time:	Received by: (Signature and Printed Name)	Date:	Time:
WILL	27 DEC 2011	1700	G50	27 Dec 2011	1700
			Marg	12/28/11	814

I hereby authorize ATL to perform the work indicated below:
Project Mgr (Submitter): D. WATTS
Print Name _____ Date _____
Signature: WILL

Send Report To: Attn: _____ Co: SAME AS ABOVE Address _____ City _____ State _____ Zip _____

Bill To: Attn: _____ Co: SAME AS ABOVE Address _____ City _____ State _____ Zip _____

Special Instructions/Comments:
SEE Pg 1
*RUN HEX Cr IN G250-0

Sample/Records - Archival & Disposal
Unless otherwise requested by client, all samples will be disposed 45 days after receipt and records will be disposed 1 year after submittal of final report.

Storage Fees (applies when storage is requested):
- Sample : $2.00 / sample / mo (after 45 days)
- Records : $1.00 / ATL workorder / mo (after 1 year)

Circle or Add Analysis(es) Requested: 8081A (Pesticides), 8082 (PCB), 8260B (Volatiles), 8270C (BNA), 6010B (Total Metal) - Pb, 8015B (GRO) / BTEX, 8015B (DRO), 8021 (BTEX), TITLE 22 / CAM 17 (6010 / 7000)

SPECIFY APPROPRIATE MATRIX: SOIL, WATER, GROUND WATER, WASTEWATER

QA/QC: RTNE ☐ CT ☒ SWRCB ☐ Logcode _____ OTHER _____

ITEM	LAB USE ONLY: Batch #: / Lab No.	Sample Description: Sample I.D. / Location	Date	Time	8081A	8082	8260B	8270C	6010B	8015B (GRO)	8015B (DRO)	8021	TITLE 22	SOIL	WATER	GROUND WATER	WASTEWATER	TAT	Container(s) #	Container(s) Type	PRESERVATION	REMARKS
	1100824-76/77	G260-0, 0.5	12/27/11	1127				X						X				48/72	2	Bg P	C	
	78/79	G261-		1125																		
	80/81	G262-		1130																		
	82/83	G263-		1135																		
	84/85	G250-		1154																		*
	86/87	G251-		1157																		
	88/89	G252-		1201																		
	90/91	G253-		1200																		
	92/93	G254-		1210																		
	94/95	G255-		1211																		

• TAT starts 8 a.m. following day if samples received after 3 p.m.

TAT: A= Overnight ≤ 24 hr B= Emergency Next workday C= Critical 2 Workdays D= Urgent 3 Workdays E= Routine 7 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=HCl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

DISTRIBUTION: White with report Yellow to folder Pink to submitter

CHAIN OF CUSTODY RECORD

Advanced Technology Laboratories
3275 Walnut Avenue
Signal Hill, CA 90755
(562) 989-4045 • Fax (562) 989-4040

FOR LABORATORY USE ONLY:

P.O.#:

Logged By: Date:

Method of Transport: Client ☐ ATL ☐ CA OverN ☐ FEDEX ☐ Other:

Sample Condition Upon Receipt: 1. CHILLED Y☐ N☐ 2. HEADSPACE (VOA) Y☐ N☐ 3. CONTAINER INTACT Y☐ N☐ 4. SEALED Y☐ N☐ 5. # OF SPLS MATCH COC Y☐ N☐ 6. PRESERVED Y☐ N☐

Client: GEOCON CONSULTANTS, INC.
Attn: L. BEADLE
Address: 6671 Brisa Street
City: Livemore State: CA Zip Code: 94550
TEL: (925) 371-5900
FAX: (925) 371-5915

Project Name: TO-16 Project #: E8560-06-16 Sampler: (Printed Name) D. WATTS (Signature) WATTS

Relinquished by: (Signature and Printed Name) WATTS Date: 27 Dec 2011 Time: 1700 Received by: (Signature and Printed Name) GSO Date: 27 Dec 2011 Time: 1700
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: 12/28/11 Time: 814
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:

I hereby authorize ATL to perform the work indicated below:
Project Mgr (Submitter): D. WATTS
Print Name Date
WATTS
Signature

Send Report To:
Attn:
Co: SAME AS ABOVE
Address
City State Zip

Bill To:
Attn:
Co: SAME AS ABOVE
Address
City State Zip

Special Instructions/Comments:
SEE Pg 1
* RUN HEX Cr ON G237-0

Sample/Records - Archival & Disposal
Unless otherwise requested by client, all samples will be disposed 45 days after receipt and records will be disposed 1 year after submittal of final report.

Storage Fees (applies when storage is requested):
- Sample : $2.00 / sample / mo (after 45 days)
- Records : $1.00 / ATL workorder / mo (after 1 year)

Circle or Add Analysis(es) Requested: 8081A (Pesticides), 8082 (PCB), 8260B (Volatiles), 8270C (BNA), 6010B (Total Metal) – Pb, 8015B (GRO) / BTEX, 8015B (DRO), 8021 (BTEX), TITLE 22 / CAM 17 (6010 / 7000)

SPECIFY APPROPRIATE MATRIX: SOIL, WATER, GROUND WATER, WASTEWATER

QA/QC: RTNE ☐ CT ☒ SWRCB ☐ Logcode ____ OTHER ____

ITEM	LAB USE ONLY: Batch #: / Lab No.	Sample Description: Sample I.D. / Location	Date	Time	8081A	8082	8260B	8270C	6010B (Pb)	8015B (GRO)	8015B (DRO)	8021	TITLE 22 / CAM 17	SOIL	WATER	GROUND WATER	WASTEWATER	TAT	Container(s) #	Type	PRESERVATION	REMARKS
	1100821Y 96/97	G237 - 0, 0.5	12/27/11	1235					X					X				48 Hr	2	Bg P	C	*
	98/99	G238 -		1237																		
AA/AB	100/101	G239 -		1240																		
AC/AD	102/103	G240 -		1231																		
AE/AF	104/105	G241 -		1234																		
AG/AH	106/107	G242 -		1237																		
AI/AJ	108/109	G243 -		1251																		
AK/AL	110/111	G244 -		1254																		
AM/AN	112/113	G245 -		1257																		
AO/AP	114/115	G246 -		1255																		

• TAT starts 8 a.m. following day if samples received after 3 p.m.

TAT: A= Overnight ≤ 24 hr B= Emergency Next workday C= Critical 2 Workdays D= Urgent 3 Workdays E= Routine 7 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=Hcl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

DISTRIBUTION: White with report Yellow to folder Pink to submitter

CHAIN OF CUSTODY RECORD

Advanced Technology Laboratories
3275 Walnut Avenue
Signal Hill, CA 90755
(562) 989-4045 • Fax (562) 989-4040

FOR LABORATORY USE ONLY:

P.O.#: _____

Logged By: _____ Date: _____

Method of Transport: Client ☐ ATL ☐ CA OverN ☐ FEDEX ☐ Other: _____

Sample Condition Upon Receipt: 1. CHILLED Y☐ N☐ 2. HEADSPACE (VOA) Y☐ N☐ 3. CONTAINER INTACT Y☐ N☐ 4. SEALED Y☐ N☐ 5. # OF SPLS MATCH COC Y☐ N☐ 6. PRESERVED Y☐ N☐

Client: GEOCON CONSULTANTS, INC.
Attn: L. BEADLE
Address: 6671 Brisa Street
City: Livermore State: CA Zip Code: 94550
TEL: (925) 371-5900
FAX: (925) 371-5915

Project Name: TO-16 Project #: E8560-06-16 Sampler: (Printed Name) D. WATTS (Signature) Watts

Relinquished by: (Signature and Printed Name) Watts Date: 27 Dec 2011 Time: 1700 Received by: (Signature and Printed Name) GSO Date: 27 Dec 2011 Time: 1700
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Mary Date: 12/28/11 Time: 814
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:

I hereby authorize ATL to perform the work indicated below:
Project Mgr / Submitter: D. WATTS
Print Name Date
Signature: Watts

Send Report To: Attn: _____ Co: SAME AS ABOVE Address _____ City _____ State _____ Zip _____

Bill To: Attn: _____ Co: SAME AS ABOVE Address _____ City _____ State _____ Zip _____

Special Instructions/Comments: SEE Pg 1
*RUN HEX CR ON G204-0

Sample/Records - Archival & Disposal
Unless otherwise requested by client, all samples will be disposed 45 days after receipt and records will be disposed 1 year after submittal of final report.

Storage Fees (applies when storage is requested):
- Sample : $2.00 / sample / mo (after 45 days)
- Records : $1.00 / ATL workorder / mo (after 1 year)

Circle or Add Analysis(es) Requested: 8081A (Pesticides), 8082 (PCB), 8260B (Volatiles), 8270C (BNA), 6010B (Total Metal) - Pb, 8015B (GRO) / BTEX, 8015B (DRO), 8021 (BTEX), TITLE 22 / CAM 17 (6010 / 7000)

SPECIFY APPROPRIATE MATRIX: SOIL, WATER, GROUND WATER, WASTEWATER

QA/QC: RTNE ☐ CT ☒ SWRCB ☐ Logcode _____ OTHER _____

ITEM	LAB USE ONLY: Batch #: / Lab No.	Sample Description: Sample I.D. / Location	Date	Time	8081A	8082	8260B	8270C	6010B	8015B (GRO)	8015B (DRO)	8021	TITLE 22	SOIL	WATER	GROUND WATER	WASTEWATER	TAT	Container(s) #	Container(s) Type	PRESERVATION	REMARKS
AO AR	1100821-1116/117	G247-0, 0.5	12/27/11	1300					X					X				48 Hr	2	Bag P	C	
AS AT	118/119	G248-		1305																		
AU AV	120/121	G224-		1314																		
AW AX	122/123	G225-		1317																		
AY AZ	124/125	G226-		1321																		
BA B	126/127	G227-		1320																		
BC BD	128/129	G228-		1325																		
BE	130/131	G229-		1330																		
BH	132/133	G204-		1407																		*
BJ	134/135	G205-		1411																		

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TAT: A= Overnight ≤ 24 hr B= Emergency Next workday C= Critical 2 Workdays D= Urgent 3 Workdays E= Routine 7 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=HCl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

DISTRIBUTION: White with report Yellow to folder Pink to submitter

CHAIN OF CUSTODY RECORD

Advanced Technology Laboratories
3275 Walnut Avenue
Signal Hill, CA 90755
(562) 989-4045 • Fax (562) 989-4040

FOR LABORATORY USE ONLY:

P.O.#: _____

Logged By: _____ Date: _____

Method of Transport: Client ☐ ATL ☐ CA OverN ☐ FEDEX ☐ Other: _____

Sample Condition Upon Receipt:
1. CHILLED Y☐ N☐ 4. SEALED Y☐ N☐
2. HEADSPACE (VOA) Y☐ N☐ 5. # OF SPLS MATCH COC Y☐ N☐
3. CONTAINER INTACT Y☐ N☐ 6. PRESERVED Y☐ N☐

Client: GEOCON CONSULTANTS, INC.
Attn: L. BEADLE
Address: 6671 Brisa Street
City: Livermore State: CA Zip Code: 94550
TEL: (925) 371-5900
FAX: (925) 371-5915

Project Name: TO-16 Project #: E8560-06-16 Sampler: (Printed Name) D. WATTS (Signature) Watts

Relinquished by: (Signature and Printed Name) Watts Date: 27 Dec 2011 Time: 1700 Received by: (Signature and Printed Name) GSO Date: 27 Dec 2011 Time: 1700
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Margi Date: 12/28/11 Time: 8:14
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:

I hereby authorize ATL to perform the work indicated below:
Project Mgr/Submitter: D. WATTS
Print Name Date
Watts
Signature

Send Report To:
Attn: _____
Co: SAME AS ABOVE
Address _____
City _____ State _____ Zip _____

Bill To:
Attn: _____
Co: SAME AS ABOVE
Address _____
City _____ State _____ Zip _____

Special Instructions/Comments:
SEE Pg 1
* RUN HEX Cr ON G322-0

Sample/Records - Archival & Disposal
Unless otherwise requested by client, all samples will be disposed 45 days after receipt and records will be disposed 1 year after submittal of final report.

Storage Fees (applies when storage is requested):
- Sample : $2.00 / sample / mo (after 45 days)
- Records : $1.00 / ATL workorder / mo (after 1 year)

Circle or Add Analysis(es) Requested

ITEM	LAB USE ONLY: Batch #: / Lab No.	Sample Description: Sample I.D. / Location	Date	Time	8081A (Pesticides)	8082 (PCB)	8260B (Volatiles)	8270C (BNA)	6010B (Total Metal) - Pb	8015B (GRO) / BTEX	8015B (DRO)	8021 (BTEX)	TITLE 22 / CAM 17 (6010 / 7000)	SOIL	WATER	GROUND WATER	WASTEWATER	TAT	Container(s) #	Container(s) Type	PRESERVATION	REMARKS
BK/BL	1100821-136/137	G206- 0, 0.5	12/27/11	1416				X						X				48/72	2	Bj P	C	
BM/BN	138/139	G207-		1415																		
BO/BP	140/141	G208-		1420																		
BQ/BR	142/143	G209-		1422																		
BS/BT	144/145	G322-		1445																		
BU/BV	146/147	G323-		1455																		
BW/BX	148/149	G324-		1500																		
BY/BZ	150/151	G325-		1447																		
CA/CB	152/153	G326-		1451																		
CC/CD	154/155	G327-		1454																		

QA/QC: RTNE ☐ CT ☒ SWRCB ☐ Logcode _____ OTHER _____

• TAT starts 8 a.m. following day if samples received after 3 p.m.

TAT: A= Overnight ≤ 24 hr B= Emergency Next workday C= Critical 2 Workdays D= Urgent 3 Workdays E= Routine 7 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=Hcl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

DISTRIBUTION: White with report Yellow to folder Pink to submitter

Diane Galvan

From: Luann Beadle [beadle@geoconinc.com]
Sent: Wednesday, December 28, 2011 11:14 AM
To: Diane Galvan
Subject: E8560-06-16 Hex Cr Analysis

Hi Diane and Margo,
Pursuant to the Caltrans Task Order, please analyze soil samples requesting Hexavalent Chromium using EPA Test Method 7196A.
Thank you,
Luann

Luann Beadle | *Senior Staff Scientist*
Geocon Consultants, Inc.
6671 Brisa Street, Livermore, California 94550
Tel 925.371.5900 Fax 925.371.5915
www.geoconinc.com

ADVANCED TECHNOLOGY LABORATORIES

January 10, 2012

ELAP No.: 1838
NELAP No.: 02107CA
CSDLAC No.: 10196
ORELAP No.: CA300003

Luann Beadle
Geocon Consultants, Inc.
6671 Brisa Street
Livermore, CA 94550
Tel: (925) 371-5900
Fax:(925) 371-5915

Re: ATL Work Order Number : 1100821
Client Reference : TO-16, E8560-06-16

Enclosed are the results for sample(s) received on December 28, 2011 by Advanced Technology Laboratories. The sample(s) are tested for the parameters as indicated on the enclosed chain of custody in accordance with applicable laboratory certifications. The laboratory results contained in this report specifically pertains to the sample(s) submitted.

Thank you for the opportunity to serve the needs of your company. If you have any questions, please feel free to contact me or your Project Manager.

Sincerely,

Eddie Rodriguez
Laboratory Director

The cover letter and the case narrative are an integral part of this analytical report and its absence renders the report invalid. The report cannot be reproduced without written permission from the client and Advanced Technology Laboratories.

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Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/10/2012

SUMMARY OF SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
G417-0	1100821-01	Soil	12/27/11 8:41	12/28/11 8:14
G507-1.5	1100821-23	Soil	12/27/11 9:01	12/28/11 8:14
G389-0	1100821-24	Soil	12/27/11 10:11	12/28/11 8:14
G389-0	1100821-24	Soil	12/27/11 10:11	12/28/11 8:14
G389-0.5	1100821-25	Soil	12/27/11 10:11	12/28/11 8:14
G390-0	1100821-28	Soil	12/27/11 9:57	12/28/11 8:14
G390-0	1100821-28	Soil	12/27/11 9:57	12/28/11 8:14
G390-0.5	1100821-29	Soil	12/27/11 9:57	12/28/11 8:14
G390-2.5	1100821-31	Soil	12/27/11 9:57	12/28/11 8:14
G391-0	1100821-32	Soil	12/27/11 9:50	12/28/11 8:14
G391-0	1100821-32	Soil	12/27/11 9:50	12/28/11 8:14
G391-0.5	1100821-33	Soil	12/27/11 9:50	12/28/11 8:14
G391-0.5	1100821-33	Soil	12/27/11 9:50	12/28/11 8:14
G391-1.5	1100821-34	Soil	12/27/11 9:50	12/28/11 8:14
G391-2.5	1100821-35	Soil	12/27/11 9:50	12/28/11 8:14
G386-0	1100821-36	Soil	12/27/11 10:41	12/28/11 8:14
G386-0	1100821-36	Soil	12/27/11 10:41	12/28/11 8:14
G386-0.5	1100821-37	Soil	12/27/11 10:41	12/28/11 8:14
G386-0.5	1100821-37	Soil	12/27/11 10:41	12/28/11 8:14
G366-.5	1100821-45	Soil	12/27/11 10:05	12/28/11 8:14
G367-.5	1100821-49	Soil	12/27/11 10:15	12/28/11 8:14
G387-0	1100821-52	Soil	12/27/11 10:34	12/28/11 8:14
G387-0	1100821-52	Soil	12/27/11 10:34	12/28/11 8:14
G387-.5	1100821-53	Soil	12/27/11 10:34	12/28/11 8:14
G387-1.5	1100821-54	Soil	12/27/11 10:34	12/28/11 8:14
G388-0	1100821-56	Soil	12/27/11 10:27	12/28/11 8:14
G388-0	1100821-56	Soil	12/27/11 10:27	12/28/11 8:14
G388-.5	1100821-57	Soil	12/27/11 10:27	12/28/11 8:14
G388-.5	1100821-57	Soil	12/27/11 10:27	12/28/11 8:14
G388-1.5	1100821-58	Soil	12/27/11 10:27	12/28/11 8:14
G388-1.5	1100821-58	Soil	12/27/11 10:27	12/28/11 8:14
G388-2.5	1100821-59	Soil	12/27/11 10:27	12/28/11 8:14
G383-0	1100821-60	Soil	12/27/11 10:30	12/28/11 8:14
G384-0	1100821-64	Soil	12/27/11 10:45	12/28/11 8:14
G384-0	1100821-64	Soil	12/27/11 10:45	12/28/11 8:14

Geocon Consultants, Inc.	Project Number :	TO-16, E8560-06-16
6671 Brisa Street	Report To :	Luann Beadle
Livermore , CA 94550	Reported :	01/10/2012

G385-0	1100821-68	Soil	12/27/11 10:55	12/28/11 8:14
G385-0	1100821-68	Soil	12/27/11 10:55	12/28/11 8:14
G258-0	1100821-72	Soil	12/27/11 11:21	12/28/11 8:14
G258-0	1100821-72	Soil	12/27/11 11:21	12/28/11 8:14
G258-0.5	1100821-73	Soil	12/27/11 11:21	12/28/11 8:14
G259-0	1100821-74	Soil	12/27/11 11:24	12/28/11 8:14
G259-0.5	1100821-75	Soil	12/27/11 11:24	12/28/11 8:14
G260-0	1100821-76	Soil	12/27/11 11:27	12/28/11 8:14
G260-0	1100821-76	Soil	12/27/11 11:27	12/28/11 8:14
G260-0.5	1100821-77	Soil	12/27/11 11:27	12/28/11 8:14
G261-0	1100821-78	Soil	12/27/11 11:25	12/28/11 8:14
G261-0	1100821-78	Soil	12/27/11 11:25	12/28/11 8:14
G262-0	1100821-80	Soil	12/27/11 11:30	12/28/11 8:14
G262-0	1100821-80	Soil	12/27/11 11:30	12/28/11 8:14
G262-0.5	1100821-81	Soil	12/27/11 11:30	12/28/11 8:14
G263-0	1100821-82	Soil	12/27/11 11:35	12/28/11 8:14
G263-0	1100821-82	Soil	12/27/11 11:35	12/28/11 8:14
G263-0.5	1100821-83	Soil	12/27/11 11:35	12/28/11 8:14
G251-0	1100821-86	Soil	12/27/11 11:57	12/28/11 8:14
G251-0	1100821-86	Soil	12/27/11 11:57	12/28/11 8:14
G251-0.5	1100821-87	Soil	12/27/11 11:57	12/28/11 8:14
G252-0	1100821-88	Soil	12/27/11 12:01	12/28/11 8:14
G254-0	1100821-92	Soil	12/27/11 12:10	12/28/11 8:14
G254-0	1100821-92	Soil	12/27/11 12:10	12/28/11 8:14
G255-0	1100821-94	Soil	12/27/11 12:11	12/28/11 8:14
G238-0	1100821-98	Soil	12/27/11 12:37	12/28/11 8:14
G238-0	1100821-98	Soil	12/27/11 12:37	12/28/11 8:14
G239-0	1100821-AA	Soil	12/27/11 12:40	12/28/11 8:14
G239-0.5	1100821-AB	Soil	12/27/11 12:40	12/28/11 8:14
G241-0	1100821-AE	Soil	12/27/11 12:34	12/28/11 8:14
G241-0.5	1100821-AF	Soil	12/27/11 12:34	12/28/11 8:14
G242-0	1100821-AG	Soil	12/27/11 12:37	12/28/11 8:14
G242-0.5	1100821-AH	Soil	12/27/11 12:37	12/28/11 8:14
G244-0.5	1100821-AL	Soil	12/27/11 12:54	12/28/11 8:14
G245-0.5	1100821-AN	Soil	12/27/11 12:57	12/28/11 8:14
G247-0	1100821-AQ	Soil	12/27/11 13:00	12/28/11 8:14
G247-0.5	1100821-AR	Soil	12/27/11 13:00	12/28/11 8:14
G248-0.5	1100821-AT	Soil	12/27/11 13:05	12/28/11 8:14
G224-0	1100821-AU	Soil	12/27/11 13:14	12/28/11 8:14

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G225-0	1100821-AW	Soil	12/27/11 13:17	12/28/11 8:14
G226-0	1100821-AY	Soil	12/27/11 13:21	12/28/11 8:14
G226-0	1100821-AY	Soil	12/27/11 13:21	12/28/11 8:14
G226-0.5	1100821-AZ	Soil	12/27/11 13:21	12/28/11 8:14
G226-0.5	1100821-AZ	Soil	12/27/11 13:21	12/28/11 8:14
G229-0	1100821-BE	Soil	12/27/11 13:30	12/28/11 8:14
G229-0.5	1100821-BF	Soil	12/27/11 13:30	12/28/11 8:14
G205-0	1100821-BI	Soil	12/27/11 14:11	12/28/11 8:14
G205-0.5	1100821-BJ	Soil	12/27/11 14:11	12/28/11 8:14
G206-0	1100821-BK	Soil	12/27/11 14:16	12/28/11 8:14
G207-0	1100821-BM	Soil	12/27/11 14:15	12/28/11 8:14
G207-0.5	1100821-BN	Soil	12/27/11 14:15	12/28/11 8:14
G208-0	1100821-BO	Soil	12/27/11 14:20	12/28/11 8:14
G209-0	1100821-BQ	Soil	12/27/11 14:22	12/28/11 8:14
G324-0	1100821-BW	Soil	12/27/11 15:00	12/28/11 8:14
G324-0	1100821-BW	Soil	12/27/11 15:00	12/28/11 8:14
G325-0	1100821-BY	Soil	12/27/11 14:47	12/28/11 8:14
G325-0.5	1100821-BZ	Soil	12/27/11 14:47	12/28/11 8:14
G326-0	1100821-CA	Soil	12/27/11 14:51	12/28/11 8:14
G327-0	1100821-CC	Soil	12/27/11 14:54	12/28/11 8:14

Client Sample ID G417-0
Lab ID: 1100821-01

STLC Metals by ICP-AES by EPA 6010B **Analyst: KK**

Analyte	Result (mg/L)	PQL (mg/L)	MDL (mg/L)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Chromium	ND	1.0	NA	20	B2A0206	01/06/2012	01/09/12 12:04	

Geocon Consultants, Inc.	Project Number : TO-16, E8560-06-16
6671 Brisa Street	Report To : Luann Beadle
Livermore , CA 94550	Reported : 01/10/2012

STLC Lead by AA (Direct Aspiration) by EPA 7420

Analyte: Lead **Analyst: SB**

Laboratory ID	Client Sample ID	Result	Units	PQL	MDL	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1100821-23	G507-1.5	**0.98**	mg/L	0.50	NA	1	B2A0192	01/06/2012	01/09/12 10:19	
1100821-25	G389-0.5	**13**	mg/L	1.0	NA	2	B2A0192	01/06/2012	01/09/12 10:21	
1100821-29	G390-0.5	**3.5**	mg/L	0.50	NA	1	B2A0192	01/06/2012	01/09/12 10:21	
1100821-31	G390-2.5	**11**	mg/L	1.0	NA	2	B2A0192	01/06/2012	01/09/12 10:23	
1100821-34	G391-1.5	**10**	mg/L	1.0	NA	2	B2A0192	01/06/2012	01/09/12 10:24	
1100821-35	G391-2.5	**12**	mg/L	2.5	NA	5	B2A0192	01/06/2012	01/09/12 10:27	
1100821-45	G366-.5	**1.9**	mg/L	0.50	NA	1	B2A0193	01/06/2012	01/09/12 13:30	
1100821-49	G367-.5	**5.2**	mg/L	0.50	NA	1	B2A0193	01/06/2012	01/09/12 13:30	
1100821-53	G387-.5	**14**	mg/L	1.0	NA	2	B2A0193	01/06/2012	01/09/12 13:31	
1100821-54	G387-1.5	**1.9**	mg/L	0.50	NA	1	B2A0193	01/06/2012	01/09/12 13:31	
1100821-59	G388-2.5	**ND**	mg/L	0.50	NA	1	B2A0193	01/06/2012	01/09/12 13:32	
1100821-60	G383-0	**10**	mg/L	1.0	NA	2	B2A0193	01/06/2012	01/09/12 13:32	
1100821-73	G258-0.5	**4.4**	mg/L	0.50	NA	1	B2A0193	01/06/2012	01/09/12 13:33	
1100821-74	G259-0	**15**	mg/L	1.0	NA	2	B2A0193	01/06/2012	01/09/12 13:36	
1100821-75	G259-0.5	**5.3**	mg/L	0.50	NA	1	B2A0193	01/06/2012	01/09/12 13:36	
1100821-77	G260-0.5	**6.0**	mg/L	0.50	NA	1	B2A0193	01/06/2012	01/09/12 13:37	
1100821-81	G262-0.5	**2.9**	mg/L	0.50	NA	1	B2A0193	01/06/2012	01/09/12 13:39	
1100821-83	G263-0.5	**5.0**	mg/L	0.50	NA	1	B2A0193	01/06/2012	01/09/12 13:39	
1100821-87	G251-0.5	**7.2**	mg/L	0.50	NA	1	B2A0193	01/06/2012	01/09/12 13:39	
1100821-88	G252-0	**10**	mg/L	1.0	NA	2	B2A0193	01/06/2012	01/09/12 13:41	
1100821-94	G255-0	**8.3**	mg/L	0.50	NA	1	B2A0193	01/06/2012	01/09/12 13:41	
1100821-AA	G239-0	**10**	mg/L	1.0	NA	2	B2A0193	01/06/2012	01/09/12 13:42	
1100821-AB	G239-0.5	**6.4**	mg/L	0.50	NA	1	B2A0193	01/06/2012	01/09/12 13:42	
1100821-AE	G241-0	**3.2**	mg/L	0.50	NA	1	B2A0193	01/06/2012	01/09/12 13:43	
1100821-AF	G241-0.5	**6.5**	mg/L	0.50	NA	1	B2A0193	01/06/2012	01/09/12 13:44	
1100821-AG	G242-0	**11**	mg/L	1.0	NA	2	B2A0193	01/06/2012	01/09/12 13:47	
1100821-AH	G242-0.5	**6.3**	mg/L	0.50	NA	1	B2A0194	01/06/2012	01/09/12 13:49	
1100821-AL	G244-0.5	**1.3**	mg/L	0.50	NA	1	B2A0194	01/06/2012	01/09/12 13:50	
1100821-AN	G245-0.5	**1.3**	mg/L	0.50	NA	1	B2A0194	01/06/2012	01/09/12 13:50	
1100821-AQ	G247-0	**2.9**	mg/L	0.50	NA	1	B2A0194	01/06/2012	01/09/12 13:50	

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1100821-AR	G247-0.5	**4.8**	mg/L	0.50	NA	1	B2A0194	01/06/2012	01/09/12 13:50
1100821-AT	G248-0.5	**2.7**	mg/L	0.50	NA	1	B2A0194	01/06/2012	01/09/12 13:51
1100821-AU	G224-0	**4.1**	mg/L	0.50	NA	1	B2A0194	01/06/2012	01/09/12 13:54
1100821-AW	G225-0	**2.9**	mg/L	0.50	NA	1	B2A0194	01/06/2012	01/09/12 13:55
1100821-BE	G229-0	**8.1**	mg/L	0.50	NA	1	B2A0194	01/06/2012	01/09/12 13:56
1100821-BF	G229-0.5	**2.8**	mg/L	0.50	NA	1	B2A0194	01/06/2012	01/09/12 13:56
1100821-BI	G205-0	**7.7**	mg/L	0.50	NA	1	B2A0194	01/06/2012	01/09/12 13:58
1100821-BJ	G205-0.5	**1.6**	mg/L	0.50	NA	1	B2A0194	01/06/2012	01/09/12 13:58
1100821-BK	G206-0	**2.2**	mg/L	0.50	NA	1	B2A0194	01/06/2012	01/09/12 13:58
1100821-BM	G207-0	**6.0**	mg/L	0.50	NA	1	B2A0194	01/06/2012	01/09/12 13:59
1100821-BN	G207-0.5	**1.7**	mg/L	0.50	NA	1	B2A0194	01/06/2012	01/09/12 14:01
1100821-BO	G208-0	**11**	mg/L	1.0	NA	2	B2A0194	01/06/2012	01/09/12 14:02
1100821-BQ	G209-0	**3.8**	mg/L	0.50	NA	1	B2A0194	01/06/2012	01/09/12 14:02
1100821-BY	G325-0	**5.0**	mg/L	0.50	NA	1	B2A0194	01/06/2012	01/09/12 14:03
1100821-BZ	G325-0.5	**3.9**	mg/L	0.50	NA	1	B2A0194	01/06/2012	01/09/12 14:03
1100821-CA	G326-0	**3.3**	mg/L	0.50	NA	1	B2A0194	01/06/2012	01/09/12 14:04
1100821-CC	G327-0	**4.0**	mg/L	0.50	NA	1	B2A0196	01/06/2012	01/09/12 18:04

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/10/2012

TCLP Lead by AA (Direct Aspiration) EPA 7420

Analyte: Lead **Analyst: VV**

Laboratory ID	Client Sample ID	Result	Units	PQL	MDL	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1100821-24	G389-0	**ND**	mg/L	0.50	NA	1	B2A0220	01/09/2012	01/09/12 16:21	
1100821-28	G390-0	**10**	mg/L	1.0	NA	2	B2A0220	01/09/2012	01/09/12 16:21	
1100821-32	G391-0	**11**	mg/L	1.0	NA	2	B2A0220	01/09/2012	01/09/12 16:22	
1100821-33	G391-0.5	**1.2**	mg/L	0.50	NA	1	B2A0220	01/09/2012	01/09/12 16:22	
1100821-36	G386-0	**1.3**	mg/L	0.50	NA	1	B2A0220	01/09/2012	01/09/12 16:24	
1100821-37	G386-0.5	**0.83**	mg/L	0.50	NA	1	B2A0220	01/09/2012	01/09/12 16:24	
1100821-52	G387-0	**11**	mg/L	1.0	NA	2	B2A0220	01/09/2012	01/09/12 16:25	
1100821-56	G388-0	**3.0**	mg/L	0.50	NA	1	B2A0220	01/09/2012	01/09/12 16:26	
1100821-57	G388-.5	**0.95**	mg/L	0.50	NA	1	B2A0220	01/09/2012	01/09/12 16:26	
1100821-58	G388-1.5	**1.6**	mg/L	0.50	NA	1	B2A0220	01/09/2012	01/09/12 16:27	
1100821-64	G384-0	**1.8**	mg/L	0.50	NA	1	B2A0220	01/09/2012	01/09/12 16:27	
1100821-68	G385-0	**1.0**	mg/L	0.50	NA	1	B2A0220	01/09/2012	01/09/12 16:27	
1100821-72	G258-0	**ND**	mg/L	0.50	NA	1	B2A0220	01/09/2012	01/09/12 16:29	
1100821-76	G260-0	**ND**	mg/L	0.50	NA	1	B2A0220	01/09/2012	01/09/12 16:29	
1100821-78	G261-0	**ND**	mg/L	0.50	NA	1	B2A0220	01/09/2012	01/09/12 16:29	
1100821-80	G262-0	**ND**	mg/L	0.50	NA	1	B2A0220	01/09/2012	01/09/12 16:30	
1100821-82	G263-0	**ND**	mg/L	0.50	NA	1	B2A0220	01/09/2012	01/09/12 16:30	
1100821-86	G251-0	**0.53**	mg/L	0.50	NA	1	B2A0220	01/09/2012	01/09/12 16:30	
1100821-92	G254-0	**ND**	mg/L	0.50	NA	1	B2A0224	01/09/2012	01/09/12 16:33	
1100821-98	G238-0	**ND**	mg/L	0.50	NA	1	B2A0224	01/09/2012	01/09/12 16:34	
1100821-AY	G226-0	**0.92**	mg/L	0.50	NA	1	B2A0224	01/09/2012	01/09/12 16:34	
1100821-AZ	G226-0.5	**ND**	mg/L	0.50	NA	1	B2A0224	01/09/2012	01/09/12 16:34	
1100821-BW	G324-0	**ND**	mg/L	0.50	NA	1	B2A0224	01/09/2012	01/09/12 16:34	

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Livermore , CA 94550	Reported : 01/10/2012

QUALITY CONTROL SECTION

STLC Metals by ICP-AES by EPA 6010B - Quality Control

Analyte	Result (mg/L)	PQL (mg/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0206 - STLC Extraction									
Blank (B2A0206-BLK1)					Prepared: 1/6/2012 Analyzed: 1/9/2012				
Chromium	ND	1.0			NR				
Blank (B2A0206-BLK2)					Prepared: 1/6/2012 Analyzed: 1/9/2012				
Chromium	ND	1.0			NR				
LCS (B2A0206-BS1)					Prepared: 1/6/2012 Analyzed: 1/9/2012				
Chromium	1.7	0.10	2.00		86.8	85 - 115			
Duplicate (B2A0206-DUP1)		**Source: 1100837-43**			Prepared: 1/6/2012 Analyzed: 1/9/2012				
Chromium	0.03	1.0		0.03	NR		1.75	20	
Duplicate (B2A0206-DUP2)		**Source: 1100837-09**			Prepared: 1/6/2012 Analyzed: 1/9/2012				
Chromium	0.07	1.0		0.06	NR		5.62	20	
Matrix Spike (B2A0206-MS1)		**Source: 1100837-43**			Prepared: 1/6/2012 Analyzed: 1/9/2012				
Chromium	2.4	0.10	2.50	0.03	95.0	74 - 103			
Matrix Spike (B2A0206-MS2)		**Source: 1100837-09**			Prepared: 1/6/2012 Analyzed: 1/9/2012				
Chromium	2.3	0.10	2.50	0.06	90.8	74 - 103			
Matrix Spike Dup (B2A0206-MSD1)		**Source: 1100837-43**			Prepared: 1/6/2012 Analyzed: 1/9/2012				
Chromium	2.4	0.10	2.50	0.03	94.3	74 - 103	0.755	20	
Batch S2A0081 - B2A0206									
Instrument Blank (S2A0081-IBL1)					Prepared: 1/9/2012 Analyzed: 1/9/2012				
Chromium	ND	0.05			NR				

Geocon Consultants, Inc.	Project Number : TO-16, E8560-06-16
6671 Brisa Street	Report To : Luann Beadle
Livermore , CA 94550	Reported : 01/10/2012

STLC Lead by AA (Direct Aspiration) by EPA 7420 - Quality Control

Analyte	Result (mg/L)	PQL (mg/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0192 - STLC Extraction									
Blank (B2A0192-BLK1)					Prepared: 1/6/2012 Analyzed: 1/9/2012				
Lead	ND	0.50			NR				
Blank (B2A0192-BLK2)					Prepared: 1/6/2012 Analyzed: 1/9/2012				
Lead	ND	0.50			NR				
LCS (B2A0192-BS1)					Prepared: 1/6/2012 Analyzed: 1/9/2012				
Lead	5.4	0.05	5.00		107	80 - 120			
Duplicate (B2A0192-DUP1)		**Source: 1100820-47**			Prepared: 1/6/2012 Analyzed: 1/9/2012				
Lead	6.5	0.50		5.5	NR		16.8	20	
Duplicate (B2A0192-DUP2)		**Source: 1100821-35**			Prepared: 1/6/2012 Analyzed: 1/9/2012				
Lead	15	2.5		12	NR		25.6	20	R
Matrix Spike (B2A0192-MS1)		**Source: 1100820-47**			Prepared: 1/6/2012 Analyzed: 1/9/2012				
Lead	10	0.10	5.00	5.5	96.9	80 - 120			
Matrix Spike (B2A0192-MS2)		**Source: 1100821-35**			Prepared: 1/6/2012 Analyzed: 1/9/2012				
Lead	18	0.25	5.00	12	127	80 - 120			M1
Matrix Spike Dup (B2A0192-MSD2)		**Source: 1100821-35**			Prepared: 1/6/2012 Analyzed: 1/9/2012				
Lead	18	0.25	5.00	12	123	80 - 120	1.05	20	M1
Batch B2A0193 - STLC Extraction									
Blank (B2A0193-BLK1)					Prepared: 1/6/2012 Analyzed: 1/9/2012				
Lead	ND	0.50			NR				
Blank (B2A0193-BLK2)					Prepared: 1/6/2012 Analyzed: 1/9/2012				
Lead	ND	0.50			NR				
LCS (B2A0193-BS1)					Prepared: 1/6/2012 Analyzed: 1/9/2012				
Lead	5.1	0.05	5.00		103	80 - 120			
Duplicate (B2A0193-DUP1)		**Source: 1100821-77**			Prepared: 1/6/2012 Analyzed: 1/9/2012				
Lead	6.0	0.50		6.0	NR		0.373	20	
Duplicate (B2A0193-DUP2)		**Source: 1100821-AG**			Prepared: 1/6/2012 Analyzed: 1/9/2012				
Lead	10	1.0		11	NR		2.61	20	
Matrix Spike (B2A0193-MS1)		**Source: 1100821-77**			Prepared: 1/6/2012 Analyzed: 1/9/2012				
Lead	10	0.10	5.00	6.0	89.1	80 - 120			
Matrix Spike (B2A0193-MS2)		**Source: 1100821-AG**			Prepared: 1/6/2012 Analyzed: 1/9/2012				
Lead	16	0.10	5.00	11	100	80 - 120			

Geocon Consultants, Inc.	Project Number : TO-16, E8560-06-16
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Livermore , CA 94550	Reported : 01/10/2012

STLC Lead by AA (Direct Aspiration) by EPA 7420 - Quality Control (cont'd)

Analyte	Result (mg/L)	PQL (mg/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0193 - STLC Extraction (continued)									
Matrix Spike Dup (B2A0193-MSD1)		**Source: 1100821-77**			Prepared: 1/6/2012 Analyzed: 1/9/2012				
Lead	11	0.10	5.00	6.0	90.1	80 - 120	0.493	20	
Batch B2A0194 - STLC Extraction									
Blank (B2A0194-BLK1)					Prepared: 1/6/2012 Analyzed: 1/9/2012				
Lead	ND	0.50			NR				
Blank (B2A0194-BLK2)					Prepared: 1/6/2012 Analyzed: 1/9/2012				
Lead	ND	0.50			NR				
LCS (B2A0194-BS1)					Prepared: 1/6/2012 Analyzed: 1/9/2012				
Lead	5.2	0.05	5.00		104	80 - 120			
Duplicate (B2A0194-DUP1)		**Source: 1100821-BF**			Prepared: 1/6/2012 Analyzed: 1/9/2012				
Lead	2.5	0.50		2.8	NR		10.4	20	
Duplicate (B2A0194-DUP2)		**Source: 1100821-CA**			Prepared: 1/6/2012 Analyzed: 1/9/2012				
Lead	3.2	0.50		3.3	NR		3.48	20	
Matrix Spike (B2A0194-MS1)		**Source: 1100821-BF**			Prepared: 1/6/2012 Analyzed: 1/9/2012				
Lead	7.7	0.05	5.00	2.8	98.3	80 - 120			
Matrix Spike (B2A0194-MS2)		**Source: 1100821-CA**			Prepared: 1/6/2012 Analyzed: 1/9/2012				
Lead	7.8	0.05	5.00	3.3	90.6	80 - 120			
Matrix Spike Dup (B2A0194-MSD1)		**Source: 1100821-BF**			Prepared: 1/6/2012 Analyzed: 1/9/2012				
Lead	7.5	0.05	5.00	2.8	94.5	80 - 120	2.48	20	
Batch B2A0196 - STLC Extraction									
Blank (B2A0196-BLK1)					Prepared: 1/6/2012 Analyzed: 1/9/2012				
Lead	ND	0.50			NR				
Blank (B2A0196-BLK2)					Prepared: 1/6/2012 Analyzed: 1/9/2012				
Lead	ND	0.50			NR				
LCS (B2A0196-BS1)					Prepared: 1/6/2012 Analyzed: 1/9/2012				
Lead	4.7	0.05	5.00		94.9	80 - 120			
Duplicate (B2A0196-DUP1)		**Source: 1100825-25**			Prepared: 1/6/2012 Analyzed: 1/9/2012				
Lead	15	1.0		15	NR		3.79	20	
Duplicate (B2A0196-DUP2)		**Source: 1100825-53**			Prepared: 1/6/2012 Analyzed: 1/9/2012				
Lead	5.5	0.50		5.4	NR		2.85	20	
Matrix Spike (B2A0196-MS1)		**Source: 1100825-25**			Prepared: 1/6/2012 Analyzed: 1/9/2012				
Lead	20	0.20	5.00	15	91.8	80 - 120			

Geocon Consultants, Inc.	Project Number : TO-16, E8560-06-16
6671 Brisa Street	Report To : Luann Beadle
Livermore , CA 94550	Reported : 01/10/2012

STLC Lead by AA (Direct Aspiration) by EPA 7420 - Quality Control (cont'd)

Analyte	Result (mg/L)	PQL (mg/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0196 - STLC Extraction (continued)									
Matrix Spike (B2A0196-MS1) - Continued		**Source: 1100825-25**			Prepared: 1/6/2012 Analyzed: 1/9/2012				
Matrix Spike (B2A0196-MS2)		**Source: 1100825-53**			Prepared: 1/6/2012 Analyzed: 1/9/2012				
Lead	10	0.10	5.00	5.4	98.8	80 - 120			
Matrix Spike Dup (B2A0196-MSD1)		**Source: 1100825-25**			Prepared: 1/6/2012 Analyzed: 1/9/2012				
Lead	20	0.20	5.00	15	97.6	80 - 120	1.46	20	
Batch S2A0073 - B2A0192									
Instrument Blank (S2A0073-IBL1)					Prepared: 1/9/2012 Analyzed: 1/9/2012				
Lead	ND	0.50			NR				
Batch S2A0082 - B2A0194									
Instrument Blank (S2A0082-IBL1)					Prepared: 1/9/2012 Analyzed: 1/9/2012				
Lead	ND	0.50			NR				
Batch S2A0089 - B2A0196									
Instrument Blank (S2A0089-IBL1)					Prepared: 1/9/2012 Analyzed: 1/9/2012				
Lead	ND	0.50			NR				

Geocon Consultants, Inc.	Project Number : TO-16, E8560-06-16
6671 Brisa Street	Report To : Luann Beadle
Livermore , CA 94550	Reported : 01/10/2012

TCLP Lead by AA (Direct Aspiration) EPA 7420 - Quality Control

Analyte	Result (mg/L)	PQL (mg/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0220 - EPA 3010A									
Blank (B2A0220-BLK1)					Prepared: 1/9/2012 Analyzed: 1/9/2012				
Lead	ND	0.50			NR				
Blank (B2A0220-BLK2)					Prepared: 1/9/2012 Analyzed: 1/9/2012				
Lead	ND	0.50			NR				
Blank (B2A0220-BLK3)					Prepared: 1/9/2012 Analyzed: 1/9/2012				
Lead	ND	0.50			NR				
Blank (B2A0220-BLK4)					Prepared: 1/9/2012 Analyzed: 1/9/2012				
Lead	ND	0.50			NR				
LCS (B2A0220-BS1)					Prepared: 1/9/2012 Analyzed: 1/9/2012				
Lead	0.97	0.50	1.00		97.5	80 - 120			
Duplicate (B2A0220-DUP1)		**Source: 1100821-86**			Prepared: 1/9/2012 Analyzed: 1/9/2012				
Lead	0.45	0.50		0.53	NR		16.9	20	
Duplicate (B2A0220-DUP2)		**Source: 1100821-56**			Prepared: 1/9/2012 Analyzed: 1/9/2012				
Lead	3.0	0.50		3.0	NR		0.0186	20	
Matrix Spike (B2A0220-MS1)		**Source: 1100821-86**			Prepared: 1/9/2012 Analyzed: 1/9/2012				
Lead	3.0	0.50	2.50	0.53	98.5	80 - 120			
Matrix Spike (B2A0220-MS2)		**Source: 1100821-56**			Prepared: 1/9/2012 Analyzed: 1/9/2012				
Lead	6.0	0.50	2.50	3.0	120	80 - 120			
Matrix Spike Dup (B2A0220-MSD1)		**Source: 1100821-86**			Prepared: 1/9/2012 Analyzed: 1/9/2012				
Lead	3.0	0.50	2.50	0.53	98.1	80 - 120	0.319	20	
Batch B2A0224 - EPA 3010A									
Blank (B2A0224-BLK1)					Prepared: 1/9/2012 Analyzed: 1/9/2012				
Lead	ND	0.50			NR				
Blank (B2A0224-BLK2)					Prepared: 1/9/2012 Analyzed: 1/9/2012				
Lead	ND	0.50			NR				
LCS (B2A0224-BS1)					Prepared: 1/9/2012 Analyzed: 1/9/2012				
Lead	1.2	0.50	1.00		117	80 - 120			
Duplicate (B2A0224-DUP1)		**Source: 1100821-BW**			Prepared: 1/9/2012 Analyzed: 1/9/2012				
Lead	0.26	0.50		0.30	NR		14.4	20	
Matrix Spike (B2A0224-MS1)		**Source: 1100821-BW**			Prepared: 1/9/2012 Analyzed: 1/9/2012				
Lead	2.9	0.50	2.50	0.30	103	80 - 120			

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/10/2012

TCLP Lead by AA (Direct Aspiration) EPA 7420 - Quality Control (cont'd)

Analyte	Result (mg/L)	PQL (mg/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0224 - EPA 3010A (continued)									
Matrix Spike Dup (B2A0224-MSD1)		**Source: 1100821-BW**			Prepared: 1/9/2012 Analyzed: 1/9/2012				
Lead	2.8	0.50	2.50	0.30	101	80 - 120	1.90	20	
Batch S2A0087 - B2A0224									
Instrument Blank (S2A0087-IBL1)					Prepared: 1/9/2012 Analyzed: 1/9/2012				
Lead	ND	0.50			NR				

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/10/2012

Notes and Definitions

R	RPD value outside acceptance criteria. Calculation is based on raw values.
M1	Matrix spike recovery outside of acceptance limit. The analytical batch was validated by the laboratory control sample.
ND	Analyte not detected at or above reporting limit
PQL	Practical Quantitation Limit
MDL	Method Detection Limit
NR	Not Reported
RPD	Relative Percent Difference

Diane Galvan

From: Luann Beadle [beadle@geoconinc.com]
Sent: Thursday, January 05, 2012 2:33 PM
To: Diane Galvan
Subject: TO-16 Lab Results: 1100809, 1100820, 1100821, 1100825, 1100828, 1100836, & 1100837

Hi Diane,

Following you will find a copy of Caltrans' requested additional WET analyses, organized by metal, then Lab Order Number. I know it is a little lengthy, so if you need extra help sorting, let me know. Please run them on an expedited TAT.

LEAD

File 1100809.xls
WET:

G382-0
G427-0
G508-0.5
G420-0
G378-0.5
G473-0
G489-1.5
G374-0.5
G418-0
G420-0.5
G372-0
G476-0
G471-0
G375-0.5
G426-0.5
G380-1.5
G477-1.5
G373-0.5
G473-0.5

G379-0.5
G378-0
G426-0
G483-2.5
G469-0
G380-0.5
G478-2.5
G487-1.5
G376-0
G474-0
G373-0
G376-0.5
G481-0
G476-2.5
G481-2.5
G422-0
G479-0
G479-0.5
G482-1.5
G486-2.5
G484-0
G484-0.5
G489-0
G489-0.5
G491-0
G422-0.5

TCLP:

|---|
|G495-0 |

```
|-------------|


File 1100820.xls
WET:
|-------------|
|G512-1.5     |
|-------------|
|G515-1.5     |
|-------------|
|G467-0.5     |
|-------------|
|G463-2.5     |
|-------------|
|G517-2.5     |
|-------------|
|G466-0.5     |
|-------------|
|G464-1.5     |
|-------------|
|G516-0.5     |
|-------------|
|G517-0.5     |
|-------------|
|G463-1.5     |
|-------------|
|G518-1.5     |
|-------------|
|G510-1.5     |
|-------------|
|G519-1.5     |
|-------------|
|G517-1.5     |
|-------------|
|G521-2.5     |
|-------------|


TCLP:
|-------------|
|G520-1.5     |
|-------------|


File 1100821.xls
WET:
|-------------|
|G507-1.5     |
|-------------|
|G244-0.5     |
|-------------|
|G207-0.5     |
|-------------|
|G245-0.5     |
|-------------|
|G247-0       |
```

|---|
G325-0.5
G229-0.5
G327-0
G326-0
G241-0
G225-0
G207-0
G206-0
G262-0.5
G259-0.5
G258-0.5
G224-0
G390-0.5
G325-0
G248-0.5
G205-0.5
G390-2.5
G366-.5
G247-0.5
G209-0
G387-1.5
G388-2.5
G239-0.5
G260-0.5
G242-0.5
G367-.5
G391-2.5
G255-0

G229-0
G208-0
G242-0
G387-.5
G259-0
G239-0
G241-0.5
G205-0
G263-0.5
G391-1.5
G251-0.5
G383-0
G252-0
G389-0.5

TCLP:

G258-0
G260-0
G263-0
G391-0.5
G386-0.5
G238-0
G251-0
G262-0
G324-0
G226-0.5
G385-0
G384-0
G388-0

G386-0
G261-0
G226-0
G388-.5
G254-0
G388-1.5
G390-0
G389-0
G387-0
G391-0

File 1100825.xls
WET:

G273-0.5
G275-0.5
G311-0.5
G269-0.5
G272-1.5
G285-0.5
G270-0.5
G308-2.5
G290-0.5
G279-0.5
G301-0.5
G269-1.5
G281-1.5
G284-0.5
G266-0.5

```
|G282-0.5      |
|--------------|
|G277-0.5      |
|--------------|
|G304-0        |
|--------------|
|G314-0.5      |
|--------------|
|G280-0.5      |
|--------------|
|G280-0        |
|--------------|
|G300-0.5      |
|--------------|
|G267-0.5      |
|--------------|
|G278-1.5      |
|--------------|
|G277-0        |
|--------------|
|G281-0        |
|--------------|
|G281-0.5      |
|--------------|
|G290-1.5      |
|--------------|
|G296-0.5      |
|--------------|
|G283-0        |
|--------------|
|G287-0.5      |
|--------------|
|G304-0.5      |
|--------------|
|G310-0        |
|--------------|
|G264-0.5      |
|--------------|
|G298-0        |
|--------------|
|W-ALAM-C1-1.5 |
|--------------|
|G284-0        |
|--------------|
|G294-0        |
|--------------|
|G310-0.5      |
|--------------|
|G313-0.5      |
|--------------|
|G278-0        |
|--------------|
|G287-0        |
|--------------|
|G266-1.5      |
|--------------|
|G282-0        |
```

G274-0
G302-0
G312-0.5
G276-0
G296-0
G270-0
G271-0
G279-0
G266-0
G274-0.5
G286-0.5
G272-0
G286-0

TCLP:

G285-0
G264-0
G273-0
G267-0
G269-0
G293-0
G297-0
G275-0
W-ALAM-C1-0
G308-0.5
G268-0
G301-0
G290-0

```
|G303-0        |
|--------------|
|G311-0        |
|--------------|
|G300-0        |
|--------------|
|G314-0        |
|--------------|
|G307-0.5      |
|--------------|
|G305-0        |
|--------------|
|G306-0.5      |
|--------------|
|G312-0        |
|--------------|
|G313-0        |
|--------------|
```

File 1100828.xls
WET:

```
|-------------|
|G13-0        |
|-------------|
|G105-.5      |
|-------------|
|G11-0        |
|-------------|
|G99-.5       |
|-------------|
|G9-.5        |
|-------------|
|G14-.5       |
|-------------|
|G101-.5      |
|-------------|
|G111-0       |
|-------------|
|G150-0       |
|-------------|
|G9-0         |
|-------------|
|G10-0        |
|-------------|
|G12-0        |
|-------------|
|G13-.5       |
|-------------|
|G107-0       |
|-------------|
|G148-.5      |
|-------------|
|G149-0       |
|-------------|
|G4-.5        |
```

G3-.5
G140-0
G11-.5
G106-0
G115-0
G117-.5
G98-.5
G110-0
G139-.5
G145-.5
G116-.5
G28-.5
G97-.5
G115-.5
G29-.5
G98-0
G117-0
G150-.5
G138-.5
G29-0
G30-.5
G101-0
G146-0
G27-0
G31-.5
G28-0
G97-0
G120-0

```
|G118-.5      |
|-------------|
|G12-.5       |
|-------------|
|G119-.5      |
|-------------|
|G32-0        |
|-------------|
|G96-0        |
|-------------|
|G149-.5      |
|-------------|
|G116-0       |
|-------------|
|G119-0       |
|-------------|
|G2-.5        |
|-------------|
```

TCLP:

```
|-------------|
|G27-.5       |
|-------------|
|G6-0         |
|-------------|
|G136-0       |
|-------------|
|G99-0        |
|-------------|
|G135-0       |
|-------------|
|G30-0        |
|-------------|
|G5-0         |
|-------------|
|G96-.5       |
|-------------|
|G139-0       |
|-------------|
|G5-.5        |
|-------------|
|G2-0         |
|-------------|
|G3-0         |
|-------------|
```

File 1100836.xls

WET:

```
|-------------|
|G124-0       |
|-------------|
|G155-.5      |
|-------------|
|G158-0       |
```

G127-0
G172-0.5
G430-0
G127-.5
G157-0
G333-0
G178-0
G434-0
G156-0
G179-0
G320-0
G153-.5
G220-0
G154-.5
G235-0
G126-.5
G155-0
G321-0
G319-0
G317-0
G172-0
G232-0
G316-0
G124-.5
G236-0

TCLP:

G232-0.5

```
|G233-0       |
|-------------|
```

File 1100837.xls
WET:

```
|-------------|
|G66-1.5      |
|-------------|
|G74-2.5      |
|-------------|
|G66-0.5      |
|-------------|
|G69-1.5      |
|-------------|
|G71-0        |
|-------------|
|G79-0        |
|-------------|
|G63-1.5      |
|-------------|
|G59-0.5      |
|-------------|
|G77-0.5      |
|-------------|
|G57-1.5      |
|-------------|
|G63-2.5      |
|-------------|
|G65-0.5      |
|-------------|
|G62-1.5      |
|-------------|
|G54-0.5      |
|-------------|
|G63-0.5      |
|-------------|
|G56-0        |
|-------------|
|G66-0        |
|-------------|
|G63-0        |
|-------------|
|G61-1.5      |
|-------------|
|G75-0        |
|-------------|
|G75-1.5      |
|-------------|
|G68-0        |
|-------------|
|G55-1.5      |
|-------------|
|G72-0        |
|-------------|
|G58-1.5      |
```

|---|
G71-0.5
G70-1.5
G59-2.5
G66-2.5
G69-0
G70-0
G58-2.5
G65-2.5

TCLP:

|---|
G73-0
G64-0
G69-2.5
G61-0
G65-0
G76-0

CHROMIUM

File 1100809.xls
WET:

|---|
G426-0
G420-0
G424-0.5
G422-0
G422-0.5
G420-0.5
G420-1.5
G424-2.5

```
|-------------|
|G426-1.5     |
|-------------|
```

File 1100820.xls
WET:

```
|-------------|
|G463-0       |
|-------------|
|G519-1.5     |
|-------------|
```

File 1100821.xls
WET:

```
|-------------|
|G417-0       |
|-------------|
```

File 1100837.xls
WET:

```
|-------------|
|G71-1.5      |
|-------------|
```

NICKEL

File 1100809.xls
WET:

```
|-------------|
|G426-1.5     |
|-------------|
|G424-2.5     |
|-------------|
```

BARIUM

File 1100837.xls
WET:

```
|-------------|
|G49-0.5      |
|-------------|
```

MERCURY

File 1100837.xls
WET:

G15-0
G15-2.5
G72-1.5
G18-2.5
G18-0
G24-2.5
G22-0.5
G47-0
G33-0.5
G19-0
G40-0.5
G20-1.5
G47-0.5
G48-0.5
G23-0.5
G19-0.5
G33-1.5
G72-0.5
G73-1.5
G17-0

As always, thank you very much.
Luann

ADVANCED TECHNOLOGY LABORATORIES

January 16, 2012

ELAP No.: 1838
NELAP No.: 02107CA
CSDLAC No.: 10196
ORELAP No.: CA300003

Luann Beadle
Geocon Consultants, Inc.
6671 Brisa Street
Livermore, CA 94550
Tel: (925) 371-5900
Fax:(925) 371-5915

Re: ATL Work Order Number : 1100821
Client Reference : TO-16, E8560-06-16

Enclosed are the results for sample(s) received on December 28, 2011 by Advanced Technology Laboratories. The sample(s) are tested for the parameters as indicated on the enclosed chain of custody in accordance with applicable laboratory certifications. The laboratory results contained in this report specifically pertains to the sample(s) submitted.

Thank you for the opportunity to serve the needs of your company. If you have any questions, please feel free to contact me or your Project Manager.

Sincerely,

Eddie Rodriguez
Laboratory Director

The cover letter and the case narrative are an integral part of this analytical report and its absence renders the report invalid. The report cannot be reproduced without written permission from the client and Advanced Technology Laboratories.

3275 Walnut Avenue, Signal Hill, CA 90755 • Tel: 562-989-4045 • Fax: 562-989-4040
www.atlglobal.com

Geocon Consultants, Inc.	Project Number : TO-16, E8560-06-16
6671 Brisa Street	Report To : Luann Beadle
Livermore , CA 94550	Reported : 01/16/2012

SUMMARY OF SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
G389-0.5	1100821-25	Soil	12/27/11 10:11	12/28/11 8:14
G390-0	1100821-28	Soil	12/27/11 9:57	12/28/11 8:14
G390-2.5	1100821-31	Soil	12/27/11 9:57	12/28/11 8:14
G391-0	1100821-32	Soil	12/27/11 9:50	12/28/11 8:14
G391-1.5	1100821-34	Soil	12/27/11 9:50	12/28/11 8:14
G391-2.5	1100821-35	Soil	12/27/11 9:50	12/28/11 8:14
G367-.5	1100821-49	Soil	12/27/11 10:15	12/28/11 8:14
G387-0	1100821-52	Soil	12/27/11 10:34	12/28/11 8:14
G387-.5	1100821-53	Soil	12/27/11 10:34	12/28/11 8:14
G383-0	1100821-60	Soil	12/27/11 10:30	12/28/11 8:14
G259-0	1100821-74	Soil	12/27/11 11:24	12/28/11 8:14
G259-0.5	1100821-75	Soil	12/27/11 11:24	12/28/11 8:14
G260-0.5	1100821-77	Soil	12/27/11 11:27	12/28/11 8:14
G263-0.5	1100821-83	Soil	12/27/11 11:35	12/28/11 8:14
G251-0.5	1100821-87	Soil	12/27/11 11:57	12/28/11 8:14
G252-0	1100821-88	Soil	12/27/11 12:01	12/28/11 8:14
G255-0	1100821-94	Soil	12/27/11 12:11	12/28/11 8:14
G239-0	1100821-AA	Soil	12/27/11 12:40	12/28/11 8:14
G239-0.5	1100821-AB	Soil	12/27/11 12:40	12/28/11 8:14
G241-0.5	1100821-AF	Soil	12/27/11 12:34	12/28/11 8:14
G242-0	1100821-AG	Soil	12/27/11 12:37	12/28/11 8:14
G242-0.5	1100821-AH	Soil	12/27/11 12:37	12/28/11 8:14
G229-0	1100821-BE	Soil	12/27/11 13:30	12/28/11 8:14
G205-0	1100821-BI	Soil	12/27/11 14:11	12/28/11 8:14
G207-0	1100821-BM	Soil	12/27/11 14:15	12/28/11 8:14
G208-0	1100821-BO	Soil	12/27/11 14:20	12/28/11 8:14
G325-0	1100821-BY	Soil	12/27/11 14:47	12/28/11 8:14

Geocon Consultants, Inc.	Project Number : TO-16, E8560-06-16
6671 Brisa Street	Report To : Luann Beadle
Livermore , CA 94550	Reported : 01/16/2012

STLC-DI Lead by AA (Direct Aspiration) EPA 7420

Analyte: Lead **Analyst: VV**

Laboratory ID	Client Sample ID	Result	Units	PQL	MDL	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1100821-25	G389-0.5	**ND**	mg/L	0.50	NA	1	B2A0347	01/12/2012	01/16/12 12:15	
1100821-28	G390-0	**ND**	mg/L	0.50	NA	1	B2A0347	01/12/2012	01/16/12 12:15	
1100821-31	G390-2.5	**ND**	mg/L	0.50	NA	1	B2A0347	01/12/2012	01/16/12 12:15	
1100821-32	G391-0	**1.9**	mg/L	0.50	NA	1	B2A0347	01/12/2012	01/16/12 12:15	
1100821-34	G391-1.5	**ND**	mg/L	0.50	NA	1	B2A0347	01/12/2012	01/16/12 12:16	
1100821-35	G391-2.5	**ND**	mg/L	0.50	NA	1	B2A0347	01/12/2012	01/16/12 12:16	
1100821-49	G367-.5	**ND**	mg/L	0.50	NA	1	B2A0348	01/12/2012	01/16/12 12:20	
1100821-52	G387-0	**ND**	mg/L	0.50	NA	1	B2A0348	01/12/2012	01/16/12 12:20	
1100821-53	G387-.5	**ND**	mg/L	0.50	NA	1	B2A0348	01/12/2012	01/16/12 12:20	
1100821-60	G383-0	**ND**	mg/L	0.50	NA	1	B2A0348	01/12/2012	01/16/12 12:20	
1100821-74	G259-0	**ND**	mg/L	0.50	NA	1	B2A0348	01/12/2012	01/16/12 12:21	
1100821-75	G259-0.5	**ND**	mg/L	0.50	NA	1	B2A0348	01/12/2012	01/16/12 12:21	
1100821-77	G260-0.5	**ND**	mg/L	0.50	NA	1	B2A0348	01/12/2012	01/16/12 12:21	
1100821-83	G263-0.5	**ND**	mg/L	0.50	NA	1	B2A0348	01/12/2012	01/16/12 12:21	
1100821-87	G251-0.5	**ND**	mg/L	0.50	NA	1	B2A0348	01/12/2012	01/16/12 12:22	
1100821-88	G252-0	**ND**	mg/L	0.50	NA	1	B2A0348	01/12/2012	01/16/12 12:22	
1100821-94	G255-0	**ND**	mg/L	0.50	NA	1	B2A0348	01/12/2012	01/16/12 12:24	
1100821-AA	G239-0	**ND**	mg/L	0.50	NA	1	B2A0348	01/12/2012	01/16/12 12:24	
1100821-AB	G239-0.5	**ND**	mg/L	0.50	NA	1	B2A0348	01/12/2012	01/16/12 12:24	
1100821-AF	G241-0.5	**ND**	mg/L	0.50	NA	1	B2A0348	01/12/2012	01/16/12 12:25	
1100821-AG	G242-0	**ND**	mg/L	0.50	NA	1	B2A0348	01/12/2012	01/16/12 12:25	
1100821-AH	G242-0.5	**ND**	mg/L	0.50	NA	1	B2A0348	01/12/2012	01/16/12 12:25	
1100821-BE	G229-0	**ND**	mg/L	0.50	NA	1	B2A0348	01/12/2012	01/16/12 12:26	
1100821-BI	G205-0	**ND**	mg/L	0.50	NA	1	B2A0348	01/12/2012	01/16/12 12:26	
1100821-BM	G207-0	**ND**	mg/L	0.50	NA	1	B2A0348	01/12/2012	01/16/12 12:27	
1100821-BO	G208-0	**ND**	mg/L	0.50	NA	1	B2A0348	01/12/2012	01/16/12 12:27	
1100821-BY	G325-0	**ND**	mg/L	0.50	NA	1	B2A0349	01/12/2012	01/16/12 12:29	

Geocon Consultants, Inc.	Project Number : TO-16, E8560-06-16
6671 Brisa Street	Report To : Luann Beadle
Livermore , CA 94550	Reported : 01/16/2012

QUALITY CONTROL SECTION

STLC-DI Lead by AA (Direct Aspiration) EPA 7420 - Quality Control

Analyte	Result (mg/L)	PQL (mg/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0347 - STLC DI Extraction									
Blank (B2A0347-BLK1)					Prepared: 1/12/2012 Analyzed: 1/16/2012				
Lead	ND	0.50			NR				
Blank (B2A0347-BLK2)					Prepared: 1/12/2012 Analyzed: 1/16/2012				
Lead	ND	0.50			NR				
LCS (B2A0347-BS1)					Prepared: 1/12/2012 Analyzed: 1/16/2012				
Lead	5.2	0.05	5.00		104	80 - 120			
Duplicate (B2A0347-DUP1)		**Source: 1100820-46**			Prepared: 1/12/2012 Analyzed: 1/16/2012				
Lead	ND	0.50		0.16	NR			20	
Duplicate (B2A0347-DUP2)		**Source: 1100821-35**			Prepared: 1/12/2012 Analyzed: 1/16/2012				
Lead	0.18	0.50		0.13	NR		29.2	20	R
Matrix Spike (B2A0347-MS1)		**Source: 1100820-46**			Prepared: 1/12/2012 Analyzed: 1/16/2012				
Lead	5.0	0.05	5.00	0.16	97.8	80 - 120			
Matrix Spike (B2A0347-MS2)		**Source: 1100821-35**			Prepared: 1/12/2012 Analyzed: 1/16/2012				
Lead	4.8	0.05	5.00	0.13	94.0	80 - 120			
Matrix Spike Dup (B2A0347-MSD1)		**Source: 1100820-46**			Prepared: 1/12/2012 Analyzed: 1/16/2012				
Lead	4.9	0.05	5.00	0.16	95.8	80 - 120	2.00	20	
Batch B2A0348 - STLC DI Extraction									
Blank (B2A0348-BLK1)					Prepared: 1/12/2012 Analyzed: 1/16/2012				
Lead	ND	0.50			NR				
Blank (B2A0348-BLK2)					Prepared: 1/12/2012 Analyzed: 1/16/2012				
Lead	ND	0.50			NR				
LCS (B2A0348-BS1)					Prepared: 1/12/2012 Analyzed: 1/16/2012				
Lead	5.0	0.05	5.00		99.2	80 - 120			
Duplicate (B2A0348-DUP1)		**Source: 1100821-88**			Prepared: 1/12/2012 Analyzed: 1/16/2012				
Lead	ND	0.50		ND	NR			20	
Duplicate (B2A0348-DUP2)		**Source: 1100821-BO**			Prepared: 1/12/2012 Analyzed: 1/16/2012				
Lead	0.09	0.50		0.14	NR		43.2	20	R
Matrix Spike (B2A0348-MS1)		**Source: 1100821-88**			Prepared: 1/12/2012 Analyzed: 1/16/2012				
Lead	5.0	0.05	5.00	ND	101	80 - 120			
Matrix Spike (B2A0348-MS2)		**Source: 1100821-BO**			Prepared: 1/12/2012 Analyzed: 1/16/2012				
Lead	4.9	0.05	5.00	0.14	94.3	80 - 120			

Geocon Consultants, Inc.	Project Number : TO-16, E8560-06-16
6671 Brisa Street	Report To : Luann Beadle
Livermore , CA 94550	Reported : 01/16/2012

STLC-DI Lead by AA (Direct Aspiration) EPA 7420 - Quality Control (cont'd)

Analyte	Result (mg/L)	PQL (mg/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0348 - STLC DI Extraction (continued)									
Matrix Spike Dup (B2A0348-MSD1)		**Source: 1100821-88**			Prepared: 1/12/2012 Analyzed: 1/16/2012				
Lead	5.0	0.05	5.00	ND	99.6	80 - 120	1.35	20	
Batch B2A0349 - STLC DI Extraction									
Blank (B2A0349-BLK1)					Prepared: 1/12/2012 Analyzed: 1/16/2012				
Lead	ND	0.50			NR				
LCS (B2A0349-BS1)					Prepared: 1/12/2012 Analyzed: 1/16/2012				
Lead	5.0	0.05	5.00		100	80 - 120			
Duplicate (B2A0349-DUP1)		**Source: 1100821-BY**			Prepared: 1/12/2012 Analyzed: 1/16/2012				
Lead	0.07	0.50		ND	NR			20	
Matrix Spike (B2A0349-MS1)		**Source: 1100821-BY**			Prepared: 1/12/2012 Analyzed: 1/16/2012				
Lead	5.0	0.05	5.00	ND	99.7	80 - 120			
Matrix Spike Dup (B2A0349-MSD1)		**Source: 1100821-BY**			Prepared: 1/12/2012 Analyzed: 1/16/2012				
Lead	5.2	0.05	5.00	ND	103	80 - 120	3.53	20	
Batch S2A0166 - B2A0385									
Instrument Blank (S2A0166-IBL1)					Prepared: 1/16/2012 Analyzed: 1/16/2012				
Lead	ND	0.50			NR				

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/16/2012

Notes and Definitions

R	RPD value outside acceptance criteria. Calculation is based on raw values.
ND	Analyte not detected at or above reporting limit
PQL	Practical Quantitation Limit
MDL	Method Detection Limit
NR	Not Reported
RPD	Relative Percent Difference

Diane Galvan

From: Luann Beadle [beadle@geoconinc.com]
Sent: Wednesday, January 11, 2012 2:59 PM
To: Diane Galvan
Subject: Additional Results/EDD - TO-16 (1100821add1.xls)
Attachments: 1100821add1.xls

Hi Diane,
Per Caltrans, please do the following in expedited TAT:

Run DI-WET for the following:

Sample Name	Lab Sample ID	Analyte
G263-0.5	1100821-83	Lead
G325-0	1100821-BY	Lead
G367-.5	1100821-49	Lead
G259-0.5	1100821-75	Lead
G260-0.5	1100821-77	Lead
G207-0	1100821-BM	Lead
G242-0.5	1100821-AH	Lead
G239-0.5	1100821-AB	Lead
G241-0.5	1100821-AF	Lead
G251-0.5	1100821-87	Lead
G205-0	1100821-BI	Lead
G229-0	1100821-BE	Lead
G255-0	1100821-94	Lead
G391-1.5	1100821-34	Lead
G383-0	1100821-60	Lead
G252-0	1100821-88	Lead
G239-0	1100821-AA	Lead
G390-2.5	1100821-31	Lead
G242-0	1100821-AG	Lead
G208-0	1100821-BO	Lead

```
|G391-2.5     |1100821-35 |Lead     |
|-------------+-----------+---------|
|G389-0.5     |1100821-25 |Lead     |
|-------------+-----------+---------|
|G387-.5      |1100821-53 |Lead     |
|-------------+-----------+---------|
|G259-0       |1100821-74 |Lead     |
|-------------+-----------+---------|


|-------------+-----------+---------|
|G390-0       |1100821-28 |Lead     |
|-------------+-----------+---------|
|G391-0       |1100821-32 |Lead     |
|-------------+-----------+---------|
|G387-0       |1100821-52 |Lead     |
|-------------+-----------+---------|
```

Thank you,
Luann

ADVANCED TECHNOLOGY LABORATORIES

January 20, 2012

ELAP No.: 1838
NELAP No.: 02107CA
CSDLAC No.: 10196
ORELAP No.: CA300003

Luann Beadle
Geocon Consultants, Inc.
6671 Brisa Street
Livermore, CA 94550
Tel: (925) 371-5900
Fax:(925) 371-5915

Re: ATL Work Order Number : 1100821
Client Reference : TO-16, E8560-06-16

Enclosed are the results for sample(s) received on December 28, 2011 by Advanced Technology Laboratories. The sample(s) are tested for the parameters as indicated on the enclosed chain of custody in accordance with applicable laboratory certifications. The laboratory results contained in this report specifically pertains to the sample(s) submitted.

Thank you for the opportunity to serve the needs of your company. If you have any questions, please feel free to contact me or your Project Manager.

Sincerely,

Eddie Rodriguez
Laboratory Director

The cover letter and the case narrative are an integral part of this analytical report and its absence renders the report invalid. The report cannot be reproduced without written permission from the client and Advanced Technology Laboratories.

3275 Walnut Avenue, Signal Hill, CA 90755 • Tel: 562-989-4045 • Fax: 562-989-4040
www.atlglobal.com

Geocon Consultants, Inc.	Project Number : TO-16, E8560-06-16
6671 Brisa Street	Report To : Luann Beadle
Livermore , CA 94550	Reported : 01/20/2012

SUMMARY OF SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
G389-0	1100821-24	Soil	12/27/11 10:11	12/28/11 8:14
G390-0	1100821-28	Soil	12/27/11 9:57	12/28/11 8:14
G391-0	1100821-32	Soil	12/27/11 9:50	12/28/11 8:14
G391-0.5	1100821-33	Soil	12/27/11 9:50	12/28/11 8:14
G386-0	1100821-36	Soil	12/27/11 10:41	12/28/11 8:14
G386-0.5	1100821-37	Soil	12/27/11 10:41	12/28/11 8:14
G387-0	1100821-52	Soil	12/27/11 10:34	12/28/11 8:14
G388-0	1100821-56	Soil	12/27/11 10:27	12/28/11 8:14
G388-.5	1100821-57	Soil	12/27/11 10:27	12/28/11 8:14
G388-1.5	1100821-58	Soil	12/27/11 10:27	12/28/11 8:14
G384-0	1100821-64	Soil	12/27/11 10:45	12/28/11 8:14
G385-0	1100821-68	Soil	12/27/11 10:55	12/28/11 8:14
G258-0	1100821-72	Soil	12/27/11 11:21	12/28/11 8:14
G260-0	1100821-76	Soil	12/27/11 11:27	12/28/11 8:14
G261-0	1100821-78	Soil	12/27/11 11:25	12/28/11 8:14
G262-0	1100821-80	Soil	12/27/11 11:30	12/28/11 8:14
G263-0	1100821-82	Soil	12/27/11 11:35	12/28/11 8:14
G251-0	1100821-86	Soil	12/27/11 11:57	12/28/11 8:14
G254-0	1100821-92	Soil	12/27/11 12:10	12/28/11 8:14
G238-0	1100821-98	Soil	12/27/11 12:37	12/28/11 8:14
G226-0	1100821-AY	Soil	12/27/11 13:21	12/28/11 8:14
G226-0.5	1100821-AZ	Soil	12/27/11 13:21	12/28/11 8:14
G324-0	1100821-BW	Soil	12/27/11 15:00	12/28/11 8:14

Geocon Consultants, Inc.	Project Number : TO-16, E8560-06-16
6671 Brisa Street	Report To : Luann Beadle
Livermore , CA 94550	Reported : 01/20/2012

STLC Lead by AA (Direct Aspiration) by EPA 7420

Analyte: Lead **Analyst: VV**

Laboratory ID	Client Sample ID	Result	Units	PQL	MDL	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1100821-24	G389-0	**170**	mg/L	10	NA	20	B2A0460	01/18/2012	01/20/12 12:42	
1100821-28	G390-0	**150**	mg/L	10	NA	20	B2A0460	01/18/2012	01/20/12 12:48	
1100821-32	G391-0	**270**	mg/L	20	NA	40	B2A0460	01/18/2012	01/20/12 12:49	
1100821-33	G391-0.5	**32**	mg/L	2.5	NA	5	B2A0460	01/18/2012	01/20/12 12:50	
1100821-36	G386-0	**70**	mg/L	5.0	NA	10	B2A0460	01/18/2012	01/20/12 12:52	
1100821-37	G386-0.5	**25**	mg/L	2.5	NA	5	B2A0460	01/18/2012	01/20/12 12:53	
1100821-52	G387-0	**140**	mg/L	10	NA	20	B2A0460	01/18/2012	01/20/12 12:54	
1100821-56	G388-0	**54**	mg/L	5.0	NA	10	B2A0460	01/18/2012	01/20/12 12:56	
1100821-57	G388-.5	**52**	mg/L	5.0	NA	10	B2A0460	01/18/2012	01/20/12 12:58	
1100821-58	G388-1.5	**50**	mg/L	5.0	NA	10	B2A0460	01/18/2012	01/20/12 12:59	
1100821-64	G384-0	**47**	mg/L	5.0	NA	10	B2A0460	01/18/2012	01/20/12 13:00	
1100821-68	G385-0	**41**	mg/L	5.0	NA	10	B2A0460	01/18/2012	01/20/12 13:00	
1100821-72	G258-0	**25**	mg/L	2.5	NA	5	B2A0460	01/18/2012	01/20/12 13:02	
1100821-76	G260-0	**30**	mg/L	2.5	NA	5	B2A0460	01/18/2012	01/20/12 13:03	
1100821-78	G261-0	**32**	mg/L	2.5	NA	5	B2A0460	01/18/2012	01/20/12 13:04	
1100821-80	G262-0	**30**	mg/L	2.5	NA	5	B2A0460	01/18/2012	01/20/12 13:06	
1100821-82	G263-0	**17**	mg/L	1.0	NA	2	B2A0460	01/18/2012	01/20/12 14:32	
1100821-86	G251-0	**21**	mg/L	2.5	NA	5	B2A0460	01/18/2012	01/20/12 13:10	
1100821-92	G254-0	**6.3**	mg/L	0.50	NA	1	B2A0461	01/18/2012	01/20/12 13:15	
1100821-98	G238-0	**19**	mg/L	2.5	NA	5	B2A0461	01/18/2012	01/20/12 13:16	
1100821-AY	G226-0	**49**	mg/L	5.0	NA	10	B2A0461	01/18/2012	01/20/12 13:19	
1100821-AZ	G226-0.5	**17**	mg/L	2.5	NA	5	B2A0461	01/18/2012	01/20/12 13:20	
1100821-BW	G324-0	**35**	mg/L	2.5	NA	5	B2A0461	01/18/2012	01/20/12 13:21	

Geocon Consultants, Inc.	Project Number : TO-16, E8560-06-16
6671 Brisa Street	Report To : Luann Beadle
Livermore , CA 94550	Reported : 01/20/2012

QUALITY CONTROL SECTION

STLC Lead by AA (Direct Aspiration) by EPA 7420 - Quality Control

Analyte	Result (mg/L)	PQL (mg/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0460 - STLC Extraction									
Duplicate (B2A0460-DUP2)		**Source: 1100821-86**			Prepared: 1/18/2012 Analyzed: 1/20/2012				
Lead	21	2.5		21	NR		2.28	20	
Matrix Spike (B2A0460-MS1)		**Source: 1100821-56**			Prepared: 1/18/2012 Analyzed: 1/20/2012				
Lead	59	0.50	5.00	54	101	80 - 120			
Matrix Spike (B2A0460-MS2)		**Source: 1100821-86**			Prepared: 1/18/2012 Analyzed: 1/20/2012				
Lead	24	0.25	5.00	21	72.3	80 - 120			M1
Matrix Spike Dup (B2A0460-MSD1)		**Source: 1100821-56**			Prepared: 1/18/2012 Analyzed: 1/20/2012				
Lead	59	0.50	5.00	54	103	80 - 120	0.103	20	
Batch B2A0461 - STLC Extraction									
Duplicate (B2A0461-DUP2)		**Source: 1100825-CF**			Prepared: 1/18/2012 Analyzed: 1/20/2012				
Lead	58	5.0		46	NR		24.2	20	R
Matrix Spike (B2A0461-MS1)		**Source: 1100825-21**			Prepared: 1/18/2012 Analyzed: 1/20/2012				
Lead	22	0.25	5.00	17	96.1	80 - 120			
Matrix Spike (B2A0461-MS2)		**Source: 1100825-CF**			Prepared: 1/18/2012 Analyzed: 1/20/2012				
Lead	50	0.50	5.00	46	88.4	80 - 120			
Matrix Spike Dup (B2A0461-MSD1)		**Source: 1100825-21**			Prepared: 1/18/2012 Analyzed: 1/20/2012				
Lead	22	0.25	5.00	17	82.3	80 - 120	3.15	20	
Batch S2A0073 - B2A0192									
Instrument Blank (S2A0073-IBL1)					Prepared: 1/9/2012 Analyzed: 1/9/2012				
Lead	ND	0.50			NR				
Batch S2A0082 - B2A0194									
Instrument Blank (S2A0082-IBL1)					Prepared: 1/9/2012 Analyzed: 1/9/2012				
Lead	ND	0.50			NR				
Batch S2A0089 - B2A0196									
Instrument Blank (S2A0089-IBL1)					Prepared: 1/9/2012 Analyzed: 1/9/2012				
Lead	ND	0.50			NR				
Batch S2A0236 - B2A0475									
Instrument Blank (S2A0236-IBL1)					Prepared: 1/20/2012 Analyzed: 1/20/2012				
Lead	ND	0.50			NR				

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/20/2012

Notes and Definitions

R	RPD value outside acceptance criteria. Calculation is based on raw values.
M1	Matrix spike recovery outside of acceptance limit. The analytical batch was validated by the laboratory control sample.
ND	Analyte not detected at or above reporting limit
PQL	Practical Quantitation Limit
MDL	Method Detection Limit
NR	Not Reported
RPD	Relative Percent Difference

Diane Galvan

From: Luann Beadle [beadle@geoconinc.com]
Sent: Tuesday, January 17, 2012 3:55 PM
To: Diane Galvan
Subject: TO-16 Lab Results: 1100809, 1100820, 1100821, 1100825, 1100828, 1100836, & 1100837 Spreadsheets - Run Soluble Metals

Hello Diane,
Per Caltrans, please run the following analyses on an expedited TAT.
Thank you,
Luann

Please run WETs for the samples below.

Sample Name - Lab Sample ID - Analyte

FILE 1100809.xls

G495-0	1100809-GN	Lead

FILE 1100820.xls

G520-1.5	1100820-67	Lead

FILE 1100821.xls

G258-0	1100821-72	Lead
G260-0	1100821-76	Lead
G263-0	1100821-82	Lead
G391-0.5	1100821-33	Lead
G386-0.5	1100821-37	Lead
G238-0	1100821-98	Lead
G251-0	1100821-86	Lead
G262-0	1100821-80	Lead
G324-0	1100821-BW	Lead
G226-0.5	1100821-AZ	Lead
G385-0	1100821-68	Lead
G384-0	1100821-64	Lead
G388-0	1100821-56	Lead

G386-0	1100821-36	Lead
G261-0	1100821-78	Lead
G226-0	1100821-AY	Lead
G388-.5	1100821-57	Lead
G254-0	1100821-92	Lead
G388-1.5	1100821-58	Lead
G390-0	1100821-28	Lead
G389-0	1100821-24	Lead
G387-0	1100821-52	Lead
G391-0	1100821-32	Lead

FILE 1100825.xls

G285-0	1100825-85	Lead
G264-0	1100825-01	Lead
G273-0	1100825-37	Lead
G267-0	1100825-09	Lead
G269-0	1100825-21	Lead
G293-0	1100825-AJ	Lead
G297-0	1100825-AZ	Lead
G275-0	1100825-45	Lead
W-ALAM-C1-0	1100825-17	Lead
G308-0.5	1100825-CS	Lead
G268-0	1100825-13	Lead
G301-0	1100825-BP	Lead
G290-0	1100825-AB	Lead
G303-0	1100825-BX	Lead
G311-0	1100825-DD	Lead
G300-0	1100825-BL	Lead

G314-0	1100825-DP	Lead
G307-0.5	1100825-CO	Lead
G305-0	1100825-CF	Lead
G306-0.5	1100825-CK	Lead
G312-0	1100825-DH	Lead
G313-0	1100825-DL	Lead

FILE 1100828.xls

G27-.5	1100828-74	Lead
G6-0	1100828-71	Lead
G136-0	1100828-27	Lead
G99-0	1100828-AP	Lead
G135-0	1100828-25	Lead
G30-0	1100828-79	Lead
G5-0	1100828-69	Lead
G96-.5	1100828-AK	Lead
G139-0	1100828-33	Lead
G5-.5	1100828-70	Lead
G2-0	1100828-63	Lead
G3-0	1100828-65	Lead

FILE 1100836.xls

G232-0.5	1100836-52	Lead
G233-0	1100836-53	Lead

FILE 1100837.xls

G73-0	1100837-CN	Lead
G64-0	1100837-BH	Lead

G69-2.5	1100837-CA	Lead
G61-0	1100837-AV	Lead
G65-0	1100837-BL	Lead
G76-0	1100837-CZ	Lead

ADVANCED TECHNOLOGY LABORATORIES

January 03, 2012

ELAP No.: 1838
NELAP No.: 02107CA
CSDLAC No.: 10196
ORELAP No.: CA300003

Luann Beadle
Geocon Consultants, Inc.
6671 Brisa Street
Livermore, CA 94550
Tel: (925) 371-5900
Fax:(925) 371-5915

Re: ATL Work Order Number : 1100825
Client Reference : TO-16, E8560-06-16

Enclosed are the results for sample(s) received on December 29, 2011 by Advanced Technology Laboratories. The sample(s) are tested for the parameters as indicated on the enclosed chain of custody in accordance with applicable laboratory certifications. The laboratory results contained in this report specifically pertains to the sample(s) submitted.

Thank you for the opportunity to serve the needs of your company. If you have any questions, please feel free to contact me or your Project Manager.

Sincerely,

Eddie Rodriguez
Laboratory Director

The cover letter and the case narrative are an integral part of this analytical report and its absence renders the report invalid. The report cannot be reproduced without written permission from the client and Advanced Technology Laboratories.

3275 Walnut Avenue, Signal Hill, CA 90755 • Tel: 562-989-4045 • Fax: 562-989-4040
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Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/03/2012

SUMMARY OF SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
G264-0	1100825-01	Soil	12/28/11 8:40	12/29/11 9:40
G264-0.5	1100825-02	Soil	12/28/11 8:40	12/29/11 9:40
G264-1.5	1100825-03	Soil	12/28/11 8:40	12/29/11 9:40
G264-2.5	1100825-04	Soil	12/28/11 8:40	12/29/11 9:40
G266-0	1100825-05	Soil	12/28/11 8:52	12/29/11 9:40
G266-0.5	1100825-06	Soil	12/28/11 8:52	12/29/11 9:40
G266-1.5	1100825-07	Soil	12/28/11 8:52	12/29/11 9:40
G266-2.5	1100825-08	Soil	12/28/11 8:52	12/29/11 9:40
G267-0	1100825-09	Soil	12/28/11 8:57	12/29/11 9:40
G267-0.5	1100825-10	Soil	12/28/11 8:57	12/29/11 9:40
G267-1.5	1100825-11	Soil	12/28/11 8:57	12/29/11 9:40
G267-2.5	1100825-12	Soil	12/28/11 8:57	12/29/11 9:40
G268-0	1100825-13	Soil	12/28/11 9:02	12/29/11 9:40
G268-0.5	1100825-14	Soil	12/28/11 9:02	12/29/11 9:40
G268-1.5	1100825-15	Soil	12/28/11 9:02	12/29/11 9:40
G268-2.5	1100825-16	Soil	12/28/11 9:02	12/29/11 9:40
W-ALAM-C1-0	1100825-17	Soil	12/28/11 9:15	12/29/11 9:40
W-ALAM-C1-0.5	1100825-18	Soil	12/28/11 9:15	12/29/11 9:40
W-ALAM-C1-1.5	1100825-19	Soil	12/28/11 9:15	12/29/11 9:40
W-ALAM-C1-2.5	1100825-20	Soil	12/28/11 9:15	12/29/11 9:40
G269-0	1100825-21	Soil	12/28/11 9:23	12/29/11 9:40
G269-0.5	1100825-22	Soil	12/28/11 9:23	12/29/11 9:40
G269-1.5	1100825-23	Soil	12/28/11 9:23	12/29/11 9:40
G269-2.5	1100825-24	Soil	12/28/11 9:23	12/29/11 9:40
G270-0	1100825-25	Soil	12/28/11 9:28	12/29/11 9:40
G270-0.5	1100825-26	Soil	12/28/11 9:28	12/29/11 9:40
G270-1.5	1100825-27	Soil	12/28/11 9:28	12/29/11 9:40
G270-2.5	1100825-28	Soil	12/28/11 9:28	12/29/11 9:40
G271-0	1100825-29	Soil	12/28/11 9:35	12/29/11 9:40
G271-0.5	1100825-30	Soil	12/28/11 9:35	12/29/11 9:40
G271-1.5	1100825-31	Soil	12/28/11 9:35	12/29/11 9:40
G271-2.5	1100825-32	Soil	12/28/11 9:35	12/29/11 9:40
G272-0	1100825-33	Soil	12/28/11 9:41	12/29/11 9:40
G272-0.5	1100825-34	Soil	12/28/11 9:41	12/29/11 9:40
G272-1.5	1100825-35	Soil	12/28/11 9:41	12/29/11 9:40

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G272-2.5	1100825-36	Soil	12/28/11	9:41	12/29/11	9:40
G273-0	1100825-37	Soil	12/28/11	9:45	12/29/11	9:40
G273-0.5	1100825-38	Soil	12/28/11	9:45	12/29/11	9:40
G273-1.5	1100825-39	Soil	12/28/11	9:45	12/29/11	9:40
G273-2.5	1100825-40	Soil	12/28/11	9:45	12/29/11	9:40
G274-0	1100825-41	Soil	12/28/11	9:52	12/29/11	9:40
G274-0.5	1100825-42	Soil	12/28/11	9:52	12/29/11	9:40
G274-1.5	1100825-43	Soil	12/28/11	9:52	12/29/11	9:40
G274-2.5	1100825-44	Soil	12/28/11	9:52	12/29/11	9:40
G275-0	1100825-45	Soil	12/28/11	9:58	12/29/11	9:40
G275-0.5	1100825-46	Soil	12/28/11	9:58	12/29/11	9:40
G275-1.5	1100825-47	Soil	12/28/11	9:58	12/29/11	9:40
G275-2.5	1100825-48	Soil	12/28/11	9:58	12/29/11	9:40
G276-0	1100825-49	Soil	12/28/11	10:04	12/29/11	9:40
G276-0.5	1100825-50	Soil	12/28/11	10:04	12/29/11	9:40
G276-1.5	1100825-51	Soil	12/28/11	10:04	12/29/11	9:40
G276-2.5	1100825-52	Soil	12/28/11	10:04	12/29/11	9:40
G277-0	1100825-53	Soil	12/28/11	10:15	12/29/11	9:40
G277-0.5	1100825-54	Soil	12/28/11	10:15	12/29/11	9:40
G277-1.5	1100825-55	Soil	12/28/11	10:15	12/29/11	9:40
G277-2.5	1100825-56	Soil	12/28/11	10:15	12/29/11	9:40
G278-0	1100825-57	Soil	12/28/11	10:21	12/29/11	9:40
G278-0.5	1100825-58	Soil	12/28/11	10:21	12/29/11	9:40
G278-1.5	1100825-59	Soil	12/28/11	10:21	12/29/11	9:40
G278-2.5	1100825-60	Soil	12/28/11	10:21	12/29/11	9:40
G279-0	1100825-61	Soil	12/28/11	10:27	12/29/11	9:40
G279-0.5	1100825-62	Soil	12/28/11	10:27	12/29/11	9:40
G279-1.5	1100825-63	Soil	12/28/11	10:27	12/29/11	9:40
G279-2.5	1100825-64	Soil	12/28/11	10:27	12/29/11	9:40
G280-0	1100825-65	Soil	12/28/11	10:32	12/29/11	9:40
G280-0.5	1100825-66	Soil	12/28/11	10:32	12/29/11	9:40
G280-1.5	1100825-67	Soil	12/28/11	10:32	12/29/11	9:40
G280-2.5	1100825-68	Soil	12/28/11	10:32	12/29/11	9:40
G281-0	1100825-69	Soil	12/28/11	10:38	12/29/11	9:40
G281-0.5	1100825-70	Soil	12/28/11	10:38	12/29/11	9:40
G281-1.5	1100825-71	Soil	12/28/11	10:38	12/29/11	9:40
G281-2.5	1100825-72	Soil	12/28/11	10:38	12/29/11	9:40
G282-0	1100825-73	Soil	12/28/11	10:43	12/29/11	9:40
G282-0.5	1100825-74	Soil	12/28/11	10:43	12/29/11	9:40

G282-1.5	1100825-75	Soil	12/28/11	10:43	12/29/11	9:40
G282-2.5	1100825-76	Soil	12/28/11	10:43	12/29/11	9:40
G283-0	1100825-77	Soil	12/28/11	10:55	12/29/11	9:40
G283-0.5	1100825-78	Soil	12/28/11	10:55	12/29/11	9:40
G283-1.5	1100825-79	Soil	12/28/11	10:55	12/29/11	9:40
G283-2.5	1100825-80	Soil	12/28/11	10:55	12/29/11	9:40
G284-0	1100825-81	Soil	12/28/11	11:00	12/29/11	9:40
G284-0.5	1100825-82	Soil	12/28/11	11:00	12/29/11	9:40
G284-1.5	1100825-83	Soil	12/28/11	11:00	12/29/11	9:40
G284-2.5	1100825-84	Soil	12/28/11	11:00	12/29/11	9:40
G285-0	1100825-85	Soil	12/28/11	11:06	12/29/11	9:40
G285-0.5	1100825-86	Soil	12/28/11	11:06	12/29/11	9:40
G285-1.5	1100825-87	Soil	12/28/11	11:06	12/29/11	9:40
G285-2.5	1100825-88	Soil	12/28/11	11:06	12/29/11	9:40
G286-0	1100825-89	Soil	12/28/11	11:11	12/29/11	9:40
G286-0.5	1100825-90	Soil	12/28/11	11:11	12/29/11	9:40
G286-1.5	1100825-91	Soil	12/28/11	11:11	12/29/11	9:40
G286-2.5	1100825-92	Soil	12/28/11	11:11	12/29/11	9:40
G287-0	1100825-93	Soil	12/28/11	11:16	12/29/11	9:40
G287-0.5	1100825-94	Soil	12/28/11	11:16	12/29/11	9:40
G287-1.5	1100825-95	Soil	12/28/11	11:16	12/29/11	9:40
G287-2.5	1100825-96	Soil	12/28/11	11:16	12/29/11	9:40
G289-0	1100825-97	Soil	12/28/11	11:25	12/29/11	9:40
G289-0.5	1100825-98	Soil	12/28/11	11:25	12/29/11	9:40
G289-1.5	1100825-99	Soil	12/28/11	11:25	12/29/11	9:40
G289-2.5	1100825-AA	Soil	12/28/11	11:25	12/29/11	9:40
G290-0	1100825-AB	Soil	12/28/11	11:32	12/29/11	9:40
G290-0.5	1100825-AC	Soil	12/28/11	11:32	12/29/11	9:40
G290-1.5	1100825-AD	Soil	12/28/11	11:32	12/29/11	9:40
G290-2.5	1100825-AE	Soil	12/28/11	11:32	12/29/11	9:40
G292-0	1100825-AF	Soil	12/28/11	11:37	12/29/11	9:40
G292-0.5	1100825-AG	Soil	12/28/11	11:37	12/29/11	9:40
G292-1.5	1100825-AH	Soil	12/28/11	11:37	12/29/11	9:40
G292-2.5	1100825-AI	Soil	12/28/11	11:37	12/29/11	9:40
G293-0	1100825-AJ	Soil	12/28/11	11:42	12/29/11	9:40
G293-0.5	1100825-AK	Soil	12/28/11	11:42	12/29/11	9:40
G293-1.5	1100825-AL	Soil	12/28/11	11:42	12/29/11	9:40
G293-2.5	1100825-AM	Soil	12/28/11	11:42	12/29/11	9:40
G294-0	1100825-AN	Soil	12/28/11	11:47	12/29/11	9:40

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G294-0.5	1100825-AO	Soil	12/28/11 11:47	12/29/11 9:40
G294-1.5	1100825-AP	Soil	12/28/11 11:47	12/29/11 9:40
G294-2.5	1100825-AQ	Soil	12/28/11 11:47	12/29/11 9:40
G295-0	1100825-AR	Soil	12/28/11 11:53	12/29/11 9:40
G295-0.5	1100825-AS	Soil	12/28/11 11:53	12/29/11 9:40
G295-1.5	1100825-AT	Soil	12/28/11 11:53	12/29/11 9:40
G295-2.5	1100825-AU	Soil	12/28/11 11:53	12/29/11 9:40
G296-0	1100825-AV	Soil	12/28/11 11:59	12/29/11 9:40
G296-0.5	1100825-AW	Soil	12/28/11 11:59	12/29/11 9:40
G296-1.5	1100825-AX	Soil	12/28/11 11:59	12/29/11 9:40
G296-2.5	1100825-AY	Soil	12/28/11 11:59	12/29/11 9:40
G297-0	1100825-AZ	Soil	12/28/11 12:04	12/29/11 9:40
G297-0.5	1100825-BA	Soil	12/28/11 12:04	12/29/11 9:40
G297-1.5	1100825-BB	Soil	12/28/11 12:04	12/29/11 9:40
G297-2.5	1100825-BC	Soil	12/28/11 12:04	12/29/11 9:40
G298-0	1100825-BD	Soil	12/28/11 12:09	12/29/11 9:40
G298-0.5	1100825-BE	Soil	12/28/11 12:09	12/29/11 9:40
G298-1.5	1100825-BF	Soil	12/28/11 12:09	12/29/11 9:40
G298-2.5	1100825-BG	Soil	12/28/11 12:09	12/29/11 9:40
G299-0	1100825-BH	Soil	12/28/11 12:14	12/29/11 9:40
G299-0.5	1100825-BI	Soil	12/28/11 12:14	12/29/11 9:40
G299-1.5	1100825-BJ	Soil	12/28/11 12:14	12/29/11 9:40
G299-2.5	1100825-BK	Soil	12/28/11 12:14	12/29/11 9:40
G300-0	1100825-BL	Soil	12/28/11 12:37	12/29/11 9:40
G300-0.5	1100825-BM	Soil	12/28/11 12:37	12/29/11 9:40
G300-1.5	1100825-BN	Soil	12/28/11 12:37	12/29/11 9:40
G300-2.5	1100825-BO	Soil	12/28/11 12:37	12/29/11 9:40
G301-0	1100825-BP	Soil	12/28/11 12:42	12/29/11 9:40
G301-0.5	1100825-BQ	Soil	12/28/11 12:42	12/29/11 9:40
G301-1.5	1100825-BR	Soil	12/28/11 12:42	12/29/11 9:40
G301-2.5	1100825-BS	Soil	12/28/11 12:42	12/29/11 9:40
G302-0	1100825-BT	Soil	12/28/11 12:49	12/29/11 9:40
G302-0.5	1100825-BU	Soil	12/28/11 12:49	12/29/11 9:40
G302-1.5	1100825-BV	Soil	12/28/11 12:49	12/29/11 9:40
G302-2.5	1100825-BW	Soil	12/28/11 12:49	12/29/11 9:40
G303-0	1100825-BX	Soil	12/28/11 12:54	12/29/11 9:40
G303-0.5	1100825-BY	Soil	12/28/11 12:54	12/29/11 9:40
G303-1.5	1100825-BZ	Soil	12/28/11 12:54	12/29/11 9:40
G303-2.5	1100825-CA	Soil	12/28/11 12:54	12/29/11 9:40

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
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Livermore , CA 94550		Reported :	01/03/2012

G304-0	1100825-CB	Soil	12/28/11 12:59	12/29/11 9:40
G304-0.5	1100825-CC	Soil	12/28/11 12:59	12/29/11 9:40
G304-1.5	1100825-CD	Soil	12/28/11 12:59	12/29/11 9:40
G304-2.5	1100825-CE	Soil	12/28/11 12:59	12/29/11 9:40
G305-0	1100825-CF	Soil	12/28/11 13:05	12/29/11 9:40
G305-0.5	1100825-CG	Soil	12/28/11 13:05	12/29/11 9:40
G305-1.5	1100825-CH	Soil	12/28/11 13:05	12/29/11 9:40
G305-2.5	1100825-CI	Soil	12/28/11 13:05	12/29/11 9:40
G306-0	1100825-CJ	Soil	12/28/11 13:10	12/29/11 9:40
G306-0.5	1100825-CK	Soil	12/28/11 13:10	12/29/11 9:40
G306-1.5	1100825-CL	Soil	12/28/11 13:10	12/29/11 9:40
G306-2.5	1100825-CM	Soil	12/28/11 13:10	12/29/11 9:40
G307-0	1100825-CN	Soil	12/28/11 13:22	12/29/11 9:40
G307-0.5	1100825-CO	Soil	12/28/11 13:22	12/29/11 9:40
G307-1.5	1100825-CP	Soil	12/28/11 13:22	12/29/11 9:40
G307-2.5	1100825-CQ	Soil	12/28/11 13:22	12/29/11 9:40
G308-0	1100825-CR	Soil	12/28/11 13:35	12/29/11 9:40
G308-0.5	1100825-CS	Soil	12/28/11 13:35	12/29/11 9:40
G308-1.5	1100825-CT	Soil	12/28/11 13:35	12/29/11 9:40
G308-2.5	1100825-CU	Soil	12/28/11 13:35	12/29/11 9:40
G309-0	1100825-CV	Soil	12/28/11 13:43	12/29/11 9:40
G309-0.5	1100825-CW	Soil	12/28/11 13:43	12/29/11 9:40
G309-1.5	1100825-CX	Soil	12/28/11 13:43	12/29/11 9:40
G309-2.5	1100825-CY	Soil	12/28/11 13:43	12/29/11 9:40
G310-0	1100825-CZ	Soil	12/28/11 13:51	12/29/11 9:40
G310-0.5	1100825-DA	Soil	12/28/11 13:51	12/29/11 9:40
G310-1.5	1100825-DB	Soil	12/28/11 13:51	12/29/11 9:40
G310-2.5	1100825-DC	Soil	12/28/11 13:51	12/29/11 9:40
G311-0	1100825-DD	Soil	12/28/11 13:57	12/29/11 9:40
G311-0.5	1100825-DE	Soil	12/28/11 13:57	12/29/11 9:40
G311-1.5	1100825-DF	Soil	12/28/11 13:57	12/29/11 9:40
G311-2.5	1100825-DG	Soil	12/28/11 13:57	12/29/11 9:40
G312-0	1100825-DH	Soil	12/28/11 14:05	12/29/11 9:40
G312-0.5	1100825-DI	Soil	12/28/11 14:05	12/29/11 9:40
G312-1.5	1100825-DJ	Soil	12/28/11 14:05	12/29/11 9:40
G312-2.5	1100825-DK	Soil	12/28/11 14:05	12/29/11 9:40
G313-0	1100825-DL	Soil	12/28/11 14:10	12/29/11 9:40
G313-0.5	1100825-DM	Soil	12/28/11 14:10	12/29/11 9:40
G313-1.5	1100825-DN	Soil	12/28/11 14:10	12/29/11 9:40

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G313-2.5	1100825-DO	Soil	12/28/11 14:10	12/29/11 9:40
G314-0	1100825-DP	Soil	12/28/11 14:15	12/29/11 9:40
G314-0.5	1100825-DQ	Soil	12/28/11 14:15	12/29/11 9:40
G314-1.5	1100825-DR	Soil	12/28/11 14:15	12/29/11 9:40
G314-2.5	1100825-DS	Soil	12/28/11 14:15	12/29/11 9:40

Geocon Consultants, Inc.	Project Number : TO-16, E8560-06-16
6671 Brisa Street	Report To : Luann Beadle
Livermore , CA 94550	Reported : 01/03/2012

Lead by ICP-AES EPA 6010B Analyte: Lead Analyst: KK

Laboratory ID	Client Sample ID	Result	Units	PQL	MDL	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1100825-01	G264-0	**330**	(mg/kg)	1.0	NA	1	B1L0973	12/29/2011	12/30/11 12:51	
1100825-02	G264-0.5	**130**	(mg/kg)	1.0	NA	1	B1L0973	12/29/2011	12/30/11 12:52	
1100825-03	G264-1.5	**4.2**	(mg/kg)	1.0	NA	1	B1L0973	12/29/2011	12/30/11 12:52	
1100825-04	G264-2.5	**15**	(mg/kg)	1.0	NA	1	B1L0973	12/29/2011	12/30/11 12:53	
1100825-05	G266-0	**280**	(mg/kg)	1.0	NA	1	B1L0973	12/29/2011	12/30/11 12:54	
1100825-06	G266-0.5	**76**	(mg/kg)	1.0	NA	1	B1L0973	12/29/2011	12/30/11 12:54	
1100825-07	G266-1.5	**190**	(mg/kg)	1.0	NA	1	B1L0973	12/29/2011	12/30/11 12:55	
1100825-08	G266-2.5	**9.2**	(mg/kg)	1.0	NA	1	B1L0973	12/29/2011	12/30/11 12:59	
1100825-09	G267-0	**340**	(mg/kg)	1.0	NA	1	B1L0973	12/29/2011	12/30/11 12:59	
1100825-10	G267-0.5	**96**	(mg/kg)	1.0	NA	1	B1L0973	12/29/2011	12/30/11 13:00	
1100825-11	G267-1.5	**45**	(mg/kg)	1.0	NA	1	B1L0973	12/29/2011	12/30/11 13:02	
1100825-12	G267-2.5	**21**	(mg/kg)	1.0	NA	1	B1L0973	12/29/2011	12/30/11 13:03	
1100825-13	G268-0	**510**	(mg/kg)	1.0	NA	1	B1L0973	12/29/2011	12/30/11 13:03	
1100825-14	G268-0.5	**28**	(mg/kg)	1.0	NA	1	B1L0973	12/29/2011	12/30/11 13:04	
1100825-15	G268-1.5	**41**	(mg/kg)	1.0	NA	1	B1L0973	12/29/2011	12/30/11 13:05	
1100825-16	G268-2.5	**24**	(mg/kg)	1.0	NA	1	B1L0973	12/29/2011	12/30/11 13:08	
1100825-17	W-ALAM-C1-0	**470**	(mg/kg)	1.0	NA	1	B1L0973	12/29/2011	12/30/11 13:09	
1100825-18	W-ALAM-C1-0.5	**28**	(mg/kg)	1.0	NA	1	B1L0973	12/29/2011	12/30/11 13:10	
1100825-19	W-ALAM-C1-1.5	**140**	(mg/kg)	1.0	NA	1	B1L0973	12/29/2011	12/30/11 13:10	
1100825-20	W-ALAM-C1-2.5	**15**	(mg/kg)	1.0	NA	1	B1L0973	12/29/2011	12/30/11 13:11	
1100825-21	G269-0	**350**	(mg/kg)	1.0	NA	1	B1L0974	12/29/2011	12/30/11 13:17	
1100825-22	G269-0.5	**56**	(mg/kg)	1.0	NA	1	B1L0974	12/29/2011	12/30/11 13:18	
1100825-23	G269-1.5	**65**	(mg/kg)	1.0	NA	1	B1L0974	12/29/2011	12/30/11 13:19	
1100825-24	G269-2.5	**23**	(mg/kg)	1.0	NA	1	B1L0974	12/29/2011	12/30/11 13:20	
1100825-25	G270-0	**240**	(mg/kg)	1.0	NA	1	B1L0974	12/29/2011	12/30/11 13:20	
1100825-26	G270-0.5	**59**	(mg/kg)	1.0	NA	1	B1L0974	12/29/2011	12/30/11 13:21	
1100825-27	G270-1.5	**25**	(mg/kg)	1.0	NA	1	B1L0974	12/29/2011	12/30/11 13:22	

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1100825-28	G270-2.5	**15**	(mg/kg)	1.0	NA	1	B1L0974	12/29/2011	12/30/11 13:23
1100825-29	G271-0	**250**	(mg/kg)	1.0	NA	1	B1L0974	12/29/2011	12/30/11 13:23
1100825-30	G271-0.5	**44**	(mg/kg)	1.0	NA	1	B1L0974	12/29/2011	12/30/11 13:56
1100825-31	G271-1.5	**45**	(mg/kg)	1.0	NA	1	B1L0974	12/29/2011	12/30/11 13:58
1100825-32	G271-2.5	**44**	(mg/kg)	1.0	NA	1	B1L0974	12/29/2011	12/30/11 13:59
1100825-33	G272-0	**290**	(mg/kg)	1.0	NA	1	B1L0974	12/29/2011	12/30/11 14:00
1100825-34	G272-0.5	**48**	(mg/kg)	1.0	NA	1	B1L0974	12/29/2011	12/30/11 14:00
1100825-35	G272-1.5	**57**	(mg/kg)	1.0	NA	1	B1L0974	12/29/2011	12/30/11 14:01
1100825-36	G272-2.5	**49**	(mg/kg)	1.0	NA	1	B1L0974	12/29/2011	12/30/11 14:02
1100825-37	G273-0	**330**	(mg/kg)	1.0	NA	1	B1L0974	12/29/2011	12/30/11 14:03
1100825-38	G273-0.5	**50**	(mg/kg)	1.0	NA	1	B1L0974	12/29/2011	12/30/11 14:07
1100825-39	G273-1.5	**23**	(mg/kg)	1.0	NA	1	B1L0974	12/29/2011	12/30/11 14:07
1100825-40	G273-2.5	**12**	(mg/kg)	1.0	NA	1	B1L0974	12/29/2011	12/30/11 14:08
1100825-41	G274-0	**200**	(mg/kg)	1.0	NA	1	B1L0975	12/29/2011	12/30/11 14:14
1100825-42	G274-0.5	**280**	(mg/kg)	1.0	NA	1	B1L0975	12/29/2011	12/30/11 14:17
1100825-43	G274-1.5	**49**	(mg/kg)	1.0	NA	1	B1L0975	12/29/2011	12/30/11 14:18
1100825-44	G274-2.5	**32**	(mg/kg)	1.0	NA	1	B1L0975	12/29/2011	12/30/11 14:19
1100825-45	G275-0	**420**	(mg/kg)	1.0	NA	1	B1L0975	12/29/2011	12/30/11 14:19
1100825-46	G275-0.5	**52**	(mg/kg)	1.0	NA	1	B1L0975	12/29/2011	12/30/11 14:20
1100825-47	G275-1.5	**25**	(mg/kg)	1.0	NA	1	B1L0975	12/29/2011	12/30/11 14:21
1100825-48	G275-2.5	**18**	(mg/kg)	1.0	NA	1	B1L0975	12/29/2011	12/30/11 14:22
1100825-49	G276-0	**230**	(mg/kg)	1.0	NA	1	B1L0975	12/29/2011	12/30/11 14:22
1100825-50	G276-0.5	**31**	(mg/kg)	1.0	NA	1	B1L0975	12/29/2011	12/30/11 14:23
1100825-51	G276-1.5	**15**	(mg/kg)	1.0	NA	1	B1L0975	12/29/2011	12/30/11 14:29
1100825-52	G276-2.5	**11**	(mg/kg)	1.0	NA	1	B1L0975	12/29/2011	12/30/11 14:29
1100825-53	G277-0	**100**	(mg/kg)	1.0	NA	1	B1L0975	12/29/2011	12/30/11 14:30
1100825-54	G277-0.5	**88**	(mg/kg)	1.0	NA	1	B1L0975	12/29/2011	12/30/11 14:31
1100825-55	G277-1.5	**7.3**	(mg/kg)	1.0	NA	1	B1L0975	12/29/2011	12/30/11 14:32
1100825-56	G277-2.5	**15**	(mg/kg)	1.0	NA	1	B1L0975	12/29/2011	12/30/11 14:32
1100825-57	G278-0	**160**	(mg/kg)	1.0	NA	1	B1L0975	12/29/2011	12/30/11 14:33

1100825-58	G278-0.5	**23**	(mg/kg)	1.0	NA	1	B1L0975	12/29/2011	12/30/11 14:34
1100825-59	G278-1.5	**98**	(mg/kg)	1.0	NA	1	B1L0975	12/29/2011	12/30/11 14:35
1100825-60	G278-2.5	**16**	(mg/kg)	1.0	NA	1	B1L0975	12/29/2011	12/30/11 14:44
1100825-61	G279-0	**260**	(mg/kg)	1.0	NA	1	B1L0977	12/29/2011	12/30/11 14:49
1100825-62	G279-0.5	**62**	(mg/kg)	1.0	NA	1	B1L0977	12/29/2011	12/30/11 14:50
1100825-63	G279-1.5	**26**	(mg/kg)	1.0	NA	1	B1L0977	12/29/2011	12/30/11 14:50
1100825-64	G279-2.5	**17**	(mg/kg)	1.0	NA	1	B1L0977	12/29/2011	12/30/11 15:19
1100825-65	G280-0	**93**	(mg/kg)	1.0	NA	1	B1L0977	12/29/2011	12/30/11 15:20
1100825-66	G280-0.5	**92**	(mg/kg)	1.0	NA	1	B1L0977	12/29/2011	12/30/11 15:20
1100825-67	G280-1.5	**9.9**	(mg/kg)	1.0	NA	1	B1L0977	12/29/2011	12/30/11 15:21
1100825-68	G280-2.5	**12**	(mg/kg)	1.0	NA	1	B1L0977	12/29/2011	12/30/11 15:22
1100825-69	G281-0	**100**	(mg/kg)	1.0	NA	1	B1L0977	12/29/2011	12/30/11 15:23
1100825-70	G281-0.5	**100**	(mg/kg)	1.0	NA	1	B1L0977	12/29/2011	12/30/11 15:23
1100825-71	G281-1.5	**68**	(mg/kg)	1.0	NA	1	B1L0977	12/29/2011	12/30/11 15:26
1100825-72	G281-2.5	**23**	(mg/kg)	1.0	NA	1	B1L0977	12/29/2011	12/30/11 15:28
1100825-73	G282-0	**190**	(mg/kg)	1.0	NA	1	B1L0977	12/29/2011	12/30/11 15:29
1100825-74	G282-0.5	**85**	(mg/kg)	1.0	NA	1	B1L0977	12/29/2011	12/30/11 15:29
1100825-75	G282-1.5	**29**	(mg/kg)	1.0	NA	1	B1L0977	12/29/2011	12/30/11 15:30
1100825-76	G282-2.5	**15**	(mg/kg)	1.0	NA	1	B1L0977	12/29/2011	12/30/11 15:31
1100825-77	G283-0	**110**	(mg/kg)	1.0	NA	1	B1L0977	12/29/2011	12/30/11 15:32
1100825-78	G283-0.5	**26**	(mg/kg)	1.0	NA	1	B1L0977	12/29/2011	12/30/11 15:32
1100825-79	G283-1.5	**8.4**	(mg/kg)	1.0	NA	1	B1L0977	12/29/2011	12/30/11 15:33
1100825-80	G283-2.5	**12**	(mg/kg)	1.0	NA	1	B1L0977	12/29/2011	12/30/11 15:34
1100825-81	G284-0	**140**	(mg/kg)	1.0	NA	1	B1L0978	12/29/2011	12/30/11 15:51
1100825-82	G284-0.5	**75**	(mg/kg)	1.0	NA	1	B1L0978	12/29/2011	12/30/11 15:52
1100825-83	G284-1.5	**27**	(mg/kg)	1.0	NA	1	B1L0978	12/29/2011	12/30/11 15:54
1100825-84	G284-2.5	**21**	(mg/kg)	1.0	NA	1	B1L0978	12/29/2011	12/30/11 15:55
1100825-85	G285-0	**320**	(mg/kg)	1.0	NA	1	B1L0978	12/29/2011	12/30/11 15:56
1100825-86	G285-0.5	**58**	(mg/kg)	1.0	NA	1	B1L0978	12/29/2011	12/30/11 15:56
1100825-87	G285-1.5	**19**	(mg/kg)	1.0	NA	1	B1L0978	12/29/2011	12/30/11 15:57

1100825-88	G285-2.5	**17**	(mg/kg)	1.0	NA	1	B1L0978	12/29/2011	12/30/11 15:58
1100825-89	G286-0	**290**	(mg/kg)	1.0	NA	1	B1L0978	12/29/2011	12/30/11 15:59
1100825-90	G286-0.5	**280**	(mg/kg)	1.0	NA	1	B1L0978	12/29/2011	12/30/11 15:59
1100825-91	G286-1.5	**11**	(mg/kg)	1.0	NA	1	B1L0978	12/29/2011	12/30/11 16:00
1100825-92	G286-2.5	**18**	(mg/kg)	1.0	NA	1	B1L0978	12/29/2011	12/30/11 16:01
1100825-93	G287-0	**180**	(mg/kg)	1.0	NA	1	B1L0978	12/29/2011	12/30/11 16:03
1100825-94	G287-0.5	**110**	(mg/kg)	1.0	NA	1	B1L0978	12/29/2011	12/30/11 16:04
1100825-95	G287-1.5	**39**	(mg/kg)	1.0	NA	1	B1L0978	12/29/2011	12/30/11 16:05
1100825-96	G287-2.5	**26**	(mg/kg)	1.0	NA	1	B1L0978	12/29/2011	12/30/11 16:05
1100825-97	G289-0	**6.5**	(mg/kg)	1.0	NA	1	B1L0978	12/29/2011	12/30/11 16:06
1100825-98	G289-0.5	**15**	(mg/kg)	1.0	NA	1	B1L0978	12/29/2011	12/30/11 16:07
1100825-99	G289-1.5	**15**	(mg/kg)	1.0	NA	1	B1L0978	12/29/2011	12/30/11 16:08
1100825-AA	G289-2.5	**9.2**	(mg/kg)	1.0	NA	1	B1L0978	12/29/2011	12/30/11 16:08
1100825-AB	G290-0	**670**	(mg/kg)	1.0	NA	1	B1L0979	12/29/2011	12/30/11 16:17
1100825-AC	G290-0.5	**60**	(mg/kg)	1.0	NA	1	B1L0979	12/29/2011	12/30/11 16:18
1100825-AD	G290-1.5	**100**	(mg/kg)	1.0	NA	1	B1L0979	12/29/2011	12/30/11 16:18
1100825-AE	G290-2.5	**22**	(mg/kg)	1.0	NA	1	B1L0979	12/29/2011	12/30/11 16:19
1100825-AF	G292-0	**8.5**	(mg/kg)	1.0	NA	1	B1L0979	12/29/2011	12/30/11 16:21
1100825-AG	G292-0.5	**24**	(mg/kg)	1.0	NA	1	B1L0979	12/29/2011	12/30/11 16:22
1100825-AH	G292-1.5	**16**	(mg/kg)	1.0	NA	1	B1L0979	12/29/2011	12/30/11 16:23
1100825-AI	G292-2.5	**12**	(mg/kg)	1.0	NA	1	B1L0979	12/29/2011	12/30/11 16:24
1100825-AJ	G293-0	**350**	(mg/kg)	1.0	NA	1	B1L0979	12/29/2011	12/30/11 16:24
1100825-AK	G293-0.5	**18**	(mg/kg)	1.0	NA	1	B1L0979	12/29/2011	12/30/11 16:25
1100825-AL	G293-1.5	**10**	(mg/kg)	1.0	NA	1	B1L0979	12/29/2011	12/30/11 16:26
1100825-AM	G293-2.5	**12**	(mg/kg)	1.0	NA	1	B1L0979	12/29/2011	12/30/11 16:27
1100825-AN	G294-0	**140**	(mg/kg)	1.0	NA	1	B1L0979	12/29/2011	12/30/11 16:27
1100825-AO	G294-0.5	**9.2**	(mg/kg)	1.0	NA	1	B1L0979	12/29/2011	12/30/11 16:28
1100825-AP	G294-1.5	**9.7**	(mg/kg)	1.0	NA	1	B1L0979	12/29/2011	12/30/11 16:30
1100825-AQ	G294-2.5	**8.9**	(mg/kg)	1.0	NA	1	B1L0979	12/29/2011	12/30/11 16:31
1100825-AR	G295-0	**8.5**	(mg/kg)	1.0	NA	1	B1L0979	12/29/2011	12/30/11 16:32

1100825-AS	G295-0.5	**17**	(mg/kg)	1.0	NA	1	B1L0979	12/29/2011	12/30/11 16:33
1100825-AT	G295-1.5	**8.9**	(mg/kg)	1.0	NA	1	B1L0979	12/29/2011	12/30/11 16:33
1100825-AU	G295-2.5	**7.6**	(mg/kg)	1.0	NA	1	B1L0979	12/29/2011	12/30/11 16:34
1100825-AV	G296-0	**230**	(mg/kg)	1.0	NA	1	B1L0980	12/29/2011	12/30/11 16:43
1100825-AW	G296-0.5	**100**	(mg/kg)	1.0	NA	1	B1L0980	12/29/2011	12/30/11 16:44
1100825-AX	G296-1.5	**10**	(mg/kg)	1.0	NA	1	B1L0980	12/29/2011	12/30/11 16:44
1100825-AY	G296-2.5	**17**	(mg/kg)	1.0	NA	1	B1L0980	12/29/2011	12/30/11 16:45
1100825-AZ	G297-0	**380**	(mg/kg)	1.0	NA	1	B1L0980	12/29/2011	12/30/11 16:46
1100825-BA	G297-0.5	**37**	(mg/kg)	1.0	NA	1	B1L0980	12/29/2011	12/30/11 16:47
1100825-BB	G297-1.5	**13**	(mg/kg)	1.0	NA	1	B1L0980	12/29/2011	12/30/11 16:49
1100825-BC	G297-2.5	**22**	(mg/kg)	1.0	NA	1	B1L0980	12/29/2011	12/30/11 16:50
1100825-BD	G298-0	**130**	(mg/kg)	1.0	NA	1	B1L0980	12/29/2011	12/30/11 16:50
1100825-BE	G298-0.5	**13**	(mg/kg)	1.0	NA	1	B1L0980	12/29/2011	12/30/11 16:51
1100825-BF	G298-1.5	**8.5**	(mg/kg)	1.0	NA	1	B1L0980	12/29/2011	12/30/11 16:52
1100825-BG	G298-2.5	**9.7**	(mg/kg)	1.0	NA	1	B1L0980	12/29/2011	12/30/11 16:53
1100825-BH	G299-0	**33**	(mg/kg)	1.0	NA	1	B1L0980	12/29/2011	12/30/11 16:53
1100825-BI	G299-0.5	**11**	(mg/kg)	1.0	NA	1	B1L0980	12/29/2011	12/30/11 16:54
1100825-BJ	G299-1.5	**8.8**	(mg/kg)	1.0	NA	1	B1L0980	12/29/2011	12/30/11 16:55
1100825-BK	G299-2.5	**8.5**	(mg/kg)	1.0	NA	1	B1L0980	12/29/2011	12/30/11 16:56
1100825-BL	G300-0	**690**	(mg/kg)	1.0	NA	1	B1L0980	12/29/2011	12/30/11 16:58
1100825-BM	G300-0.5	**93**	(mg/kg)	1.0	NA	1	B1L0980	12/29/2011	12/30/11 16:59
1100825-BN	G300-1.5	**22**	(mg/kg)	1.0	NA	1	B1L0980	12/29/2011	12/30/11 16:59
1100825-BO	G300-2.5	**18**	(mg/kg)	1.0	NA	1	B1L0980	12/29/2011	12/30/11 17:00
1100825-BP	G301-0	**600**	(mg/kg)	1.0	NA	1	B1L0981	12/29/2011	12/30/11 17:09
1100825-BQ	G301-0.5	**63**	(mg/kg)	1.0	NA	1	B1L0981	12/29/2011	12/30/11 17:09
1100825-BR	G301-1.5	**16**	(mg/kg)	1.0	NA	1	B1L0981	12/29/2011	12/30/11 17:10
1100825-BS	G301-2.5	**24**	(mg/kg)	1.0	NA	1	B1L0981	12/29/2011	12/30/11 17:11
1100825-BT	G302-0	**210**	(mg/kg)	1.0	NA	1	B1L0981	12/29/2011	12/30/11 17:12
1100825-BU	G302-0.5	**20**	(mg/kg)	1.0	NA	1	B1L0981	12/29/2011	12/30/11 17:12
1100825-BV	G302-1.5	**17**	(mg/kg)	1.0	NA	1	B1L0981	12/29/2011	12/30/11 17:13

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Livermore , CA 94550	Reported :	01/03/2012

1100825-BW	G302-2.5	**23**	(mg/kg)	1.0	NA	1	B1L0981	12/29/2011	12/30/11 17:14
1100825-BX	G303-0	**670**	(mg/kg)	1.0	NA	1	B1L0981	12/29/2011	12/30/11 17:17
1100825-BY	G303-0.5	**31**	(mg/kg)	1.0	NA	1	B1L0981	12/29/2011	12/30/11 17:17
1100825-BZ	G303-1.5	**31**	(mg/kg)	1.0	NA	1	B1L0981	12/29/2011	12/30/11 17:18
1100825-CA	G303-2.5	**19**	(mg/kg)	1.0	NA	1	B1L0981	12/29/2011	12/30/11 17:19
1100825-CB	G304-0	**88**	(mg/kg)	1.0	NA	1	B1L0981	12/29/2011	12/30/11 17:20
1100825-CC	G304-0.5	**110**	(mg/kg)	1.0	NA	1	B1L0981	12/29/2011	12/30/11 17:20
1100825-CD	G304-1.5	**21**	(mg/kg)	1.0	NA	1	B1L0981	12/29/2011	12/30/11 17:21
1100825-CE	G304-2.5	**14**	(mg/kg)	1.0	NA	1	B1L0981	12/29/2011	12/30/11 17:22
1100825-CF	G305-0	**810**	(mg/kg)	1.0	NA	1	B1L0981	12/29/2011	12/30/11 17:23
1100825-CG	G305-0.5	**37**	(mg/kg)	1.0	NA	1	B1L0981	12/29/2011	12/30/11 17:23
1100825-CH	G305-1.5	**34**	(mg/kg)	1.0	NA	1	B1L0981	12/29/2011	12/30/11 17:26
1100825-CI	G305-2.5	**19**	(mg/kg)	1.0	NA	1	B1L0981	12/29/2011	12/30/11 17:26
1100825-CJ	G306-0	**21**	(mg/kg)	1.0	NA	1	B1L0982	12/29/2011	12/30/11 17:35
1100825-CK	G306-0.5	**1300**	(mg/kg)	1.0	NA	1	B1L0982	12/29/2011	12/30/11 17:36
1100825-CL	G306-1.5	**27**	(mg/kg)	1.0	NA	1	B1L0982	12/29/2011	12/30/11 17:36
1100825-CM	G306-2.5	**8.8**	(mg/kg)	1.0	NA	1	B1L0982	12/29/2011	12/30/11 17:37
1100825-CN	G307-0	**10**	(mg/kg)	1.0	NA	1	B1L0982	12/29/2011	12/30/11 17:38
1100825-CO	G307-0.5	**780**	(mg/kg)	1.0	NA	1	B1L0982	12/29/2011	12/30/11 17:39
1100825-CP	G307-1.5	**18**	(mg/kg)	1.0	NA	1	B1L0982	12/29/2011	12/30/11 17:39
1100825-CQ	G307-2.5	**9.0**	(mg/kg)	1.0	NA	1	B1L0982	12/29/2011	12/30/11 17:40
1100825-CR	G308-0	**12**	(mg/kg)	1.0	NA	1	B1L0982	12/29/2011	12/30/11 17:41
1100825-CS	G308-0.5	**470**	(mg/kg)	1.0	NA	1	B1L0982	12/29/2011	12/30/11 17:42
1100825-CT	G308-1.5	**21**	(mg/kg)	1.0	NA	1	B1L0982	12/29/2011	12/30/11 17:42
1100825-CU	G308-2.5	**59**	(mg/kg)	1.0	NA	1	B1L0982	12/29/2011	12/30/11 17:45
1100825-CV	G309-0	**36**	(mg/kg)	1.0	NA	1	B1L0982	12/29/2011	12/30/11 17:45
1100825-CW	G309-0.5	**9.3**	(mg/kg)	1.0	NA	1	B1L0982	12/29/2011	12/30/11 17:46
1100825-CX	G309-1.5	**14**	(mg/kg)	1.0	NA	1	B1L0982	12/29/2011	12/30/11 17:47
1100825-CY	G309-2.5	**9.6**	(mg/kg)	1.0	NA	1	B1L0982	12/29/2011	12/30/11 17:48
1100825-CZ	G310-0	**110**	(mg/kg)	1.0	NA	1	B1L0982	12/29/2011	12/30/11 17:48

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1100825-DA	G310-0.5	**140**	(mg/kg)	1.0	NA	1	B1L0982	12/29/2011	12/30/11 17:49
1100825-DB	G310-1.5	**6.7**	(mg/kg)	1.0	NA	1	B1L0982	12/29/2011	12/30/11 17:50
1100825-DC	G310-2.5	**7.9**	(mg/kg)	1.0	NA	1	B1L0982	12/29/2011	12/30/11 17:51
1100825-DD	G311-0	**670**	(mg/kg)	1.0	NA	1	B1L0983	12/29/2011	12/30/11 17:59
1100825-DE	G311-0.5	**54**	(mg/kg)	1.0	NA	1	B1L0983	12/29/2011	12/30/11 18:00
1100825-DF	G311-1.5	**19**	(mg/kg)	1.0	NA	1	B1L0983	12/29/2011	12/30/11 18:01
1100825-DG	G311-2.5	**26**	(mg/kg)	1.0	NA	1	B1L0983	12/29/2011	12/30/11 18:03
1100825-DH	G312-0	**1700**	(mg/kg)	1.0	NA	1	B1L0983	12/29/2011	12/30/11 18:04
1100825-DI	G312-0.5	**220**	(mg/kg)	1.0	NA	1	B1L0983	12/29/2011	12/30/11 18:05
1100825-DJ	G312-1.5	**10**	(mg/kg)	1.0	NA	1	B1L0983	12/29/2011	12/30/11 18:05
1100825-DK	G312-2.5	**12**	(mg/kg)	1.0	NA	1	B1L0983	12/29/2011	12/30/11 18:06
1100825-DL	G313-0	**2000**	(mg/kg)	1.0	NA	1	B1L0983	12/29/2011	12/30/11 18:07
1100825-DM	G313-0.5	**150**	(mg/kg)	1.0	NA	1	B1L0983	12/29/2011	12/30/11 18:08
1100825-DN	G313-1.5	**12**	(mg/kg)	1.0	NA	1	B1L0983	12/29/2011	12/30/11 18:08
1100825-DO	G313-2.5	**11**	(mg/kg)	1.0	NA	1	B1L0983	12/29/2011	12/30/11 18:09
1100825-DP	G314-0	**760**	(mg/kg)	1.0	NA	1	B1L0983	12/29/2011	12/30/11 18:10
1100825-DQ	G314-0.5	**91**	(mg/kg)	1.0	NA	1	B1L0983	12/29/2011	12/30/11 18:13
1100825-DR	G314-1.5	**29**	(mg/kg)	1.0	NA	1	B1L0983	12/29/2011	12/30/11 18:14
1100825-DS	G314-2.5	**16**	(mg/kg)	1.0	NA	1	B1L0983	12/29/2011	12/30/11 18:14

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pH by EPA 9045C Analyte: pH Analyst: LA

Laboratory ID	Client Sample ID	Result	Units	PQL	MDL	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1100825-10	G267-0.5	**7.6**	(pH Units)	0.10	NA	1	B2A0066	01/03/2012	01/03/12 13:57	
1100825-20	W-ALAM-C1-2.5	**7.9**	(pH Units)	0.10	NA	1	B2A0066	01/03/2012	01/03/12 13:57	
1100825-30	G271-0.5	**6.4**	(pH Units)	0.10	NA	1	B2A0066	01/03/2012	01/03/12 13:57	
1100825-40	G273-2.5	**6.1**	(pH Units)	0.10	NA	1	B2A0066	01/03/2012	01/03/12 13:57	
1100825-50	G276-0.5	**6.9**	(pH Units)	0.10	NA	1	B2A0066	01/03/2012	01/03/12 13:57	
1100825-60	G278-2.5	**7.1**	(pH Units)	0.10	NA	1	B2A0066	01/03/2012	01/03/12 13:57	
1100825-70	G281-0.5	**7.6**	(pH Units)	0.10	NA	1	B2A0066	01/03/2012	01/03/12 13:57	
1100825-80	G283-2.5	**7.5**	(pH Units)	0.10	NA	1	B2A0066	01/03/2012	01/03/12 13:57	
1100825-90	G286-0.5	**8.2**	(pH Units)	0.10	NA	1	B2A0068	01/03/2012	01/03/12 14:04	
1100825-AA	G289-2.5	**7.3**	(pH Units)	0.10	NA	1	B2A0068	01/03/2012	01/03/12 14:04	
1100825-AK	G293-0.5	**7.0**	(pH Units)	0.10	NA	1	B2A0068	01/03/2012	01/03/12 14:04	
1100825-AU	G295-2.5	**7.1**	(pH Units)	0.10	NA	1	B2A0068	01/03/2012	01/03/12 14:04	
1100825-BE	G298-0.5	**6.8**	(pH Units)	0.10	NA	1	B2A0068	01/03/2012	01/03/12 14:04	
1100825-BO	G300-2.5	**6.7**	(pH Units)	0.10	NA	1	B2A0068	01/03/2012	01/03/12 14:04	
1100825-BY	G303-0.5	**6.9**	(pH Units)	0.10	NA	1	B2A0068	01/03/2012	01/03/12 14:04	
1100825-CI	G305-2.5	**7.2**	(pH Units)	0.10	NA	1	B2A0068	01/03/2012	01/03/12 14:04	
1100825-CS	G308-0.5	**7.5**	(pH Units)	0.10	NA	1	B2A0068	01/03/2012	01/03/12 14:04	
1100825-DC	G310-2.5	**7.5**	(pH Units)	0.10	NA	1	B2A0068	01/03/2012	01/03/12 14:04	
1100825-DM	G313-0.5	**7.7**	(pH Units)	0.10	NA	1	B2A0069	01/03/2012	01/03/12 14:07	
1100825-DS	G314-2.5	**7.8**	(pH Units)	0.10	NA	1	B2A0069	01/03/2012	01/03/12 14:07	

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QUALITY CONTROL SECTION

Lead by ICP-AES EPA 6010B - Quality Control

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0973 - EPA 3050 Modified									
Blank (B1L0973-BLK1)					Prepared: 12/29/2011 Analyzed: 12/30/2011				
Lead	ND	1.0			NR				
Blank (B1L0973-BLK2)					Prepared: 12/29/2011 Analyzed: 12/30/2011				
Lead	ND	1.0			NR				
LCS (B1L0973-BS1)					Prepared: 12/29/2011 Analyzed: 12/30/2011				
Lead	270	1.0	250		110	80 - 120			
Duplicate (B1L0973-DUP1)		**Source: 1100825-20**			Prepared: 12/29/2011 Analyzed: 12/30/2011				
Lead	16	1.0		15	NR		5.57	20	
Duplicate (B1L0973-DUP2)		**Source: 1100825-10**			Prepared: 12/29/2011 Analyzed: 12/30/2011				
Lead	83	1.0		96	NR		13.7	20	
Matrix Spike (B1L0973-MS1)		**Source: 1100825-20**			Prepared: 12/29/2011 Analyzed: 12/30/2011				
Lead	260	1.0	250	15	99.2	46 - 116			
Matrix Spike (B1L0973-MS2)		**Source: 1100825-10**			Prepared: 12/29/2011 Analyzed: 12/30/2011				
Lead	320	1.0	250	96	88.9	46 - 116			
Matrix Spike Dup (B1L0973-MSD1)		**Source: 1100825-20**			Prepared: 12/29/2011 Analyzed: 12/30/2011				
Lead	260	1.0	250	15	97.5	46 - 116	1.65	20	
Batch B1L0974 - EPA 3050 Modified									
Blank (B1L0974-BLK1)					Prepared: 12/29/2011 Analyzed: 12/30/2011				
Lead	ND	1.0			NR				
Blank (B1L0974-BLK2)					Prepared: 12/29/2011 Analyzed: 12/30/2011				
Lead	ND	1.0			NR				
LCS (B1L0974-BS1)					Prepared: 12/29/2011 Analyzed: 12/30/2011				
Lead	270	1.0	250		107	80 - 120			
Duplicate (B1L0974-DUP1)		**Source: 1100825-40**			Prepared: 12/29/2011 Analyzed: 12/30/2011				
Lead	11	1.0		12	NR		3.35	20	
Duplicate (B1L0974-DUP2)		**Source: 1100825-30**			Prepared: 12/29/2011 Analyzed: 12/30/2011				
Lead	36	1.0		44	NR		19.1	20	
Matrix Spike (B1L0974-MS1)		**Source: 1100825-40**			Prepared: 12/29/2011 Analyzed: 12/30/2011				
Lead	250	1.0	250	12	94.0	46 - 116			
Matrix Spike (B1L0974-MS2)		**Source: 1100825-30**			Prepared: 12/29/2011 Analyzed: 12/30/2011				

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Lead by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0974 - EPA 3050 Modified (continued)									
Matrix Spike (B1L0974-MS2) - Continued		**Source: 1100825-30**			Prepared: 12/29/2011 Analyzed: 12/30/2011				
Lead	240	1.0	250	44	79.9	46 - 116			
Matrix Spike Dup (B1L0974-MSD1)		**Source: 1100825-40**			Prepared: 12/29/2011 Analyzed: 12/30/2011				
Lead	240	1.0	250	12	89.6	46 - 116	4.53	20	
Batch B1L0975 - EPA 3050 Modified									
Blank (B1L0975-BLK1)					Prepared: 12/29/2011 Analyzed: 12/30/2011				
Lead	ND	1.0			NR				
Blank (B1L0975-BLK2)					Prepared: 12/29/2011 Analyzed: 12/30/2011				
Lead	ND	1.0			NR				
LCS (B1L0975-BS1)					Prepared: 12/29/2011 Analyzed: 12/30/2011				
Lead	280	1.0	250		111	80 - 120			
Duplicate (B1L0975-DUP1)		**Source: 1100825-60**			Prepared: 12/29/2011 Analyzed: 12/30/2011				
Lead	21	1.0		16	NR		26.2	20	R
Duplicate (B1L0975-DUP2)		**Source: 1100825-50**			Prepared: 12/29/2011 Analyzed: 12/30/2011				
Lead	64	1.0		31	NR		68.1	20	R
Matrix Spike (B1L0975-MS1)		**Source: 1100825-60**			Prepared: 12/29/2011 Analyzed: 12/30/2011				
Lead	250	1.0	250	16	92.8	46 - 116			
Matrix Spike (B1L0975-MS2)		**Source: 1100825-50**			Prepared: 12/29/2011 Analyzed: 12/30/2011				
Lead	250	1.0	250	31	86.5	46 - 116			
Matrix Spike Dup (B1L0975-MSD1)		**Source: 1100825-60**			Prepared: 12/29/2011 Analyzed: 12/30/2011				
Lead	250	1.0	250	16	95.6	46 - 116	2.79	20	
Batch B1L0977 - EPA 3050 Modified									
Blank (B1L0977-BLK1)					Prepared: 12/29/2011 Analyzed: 12/30/2011				
Lead	ND	1.0			NR				
Blank (B1L0977-BLK2)					Prepared: 12/29/2011 Analyzed: 12/30/2011				
Lead	ND	1.0			NR				
LCS (B1L0977-BS1)					Prepared: 12/29/2011 Analyzed: 12/30/2011				
Lead	230	1.0	250		93.6	80 - 120			
Duplicate (B1L0977-DUP1)		**Source: 1100825-80**			Prepared: 12/29/2011 Analyzed: 12/30/2011				
Lead	10	1.0		12	NR		19.5	20	
Duplicate (B1L0977-DUP2)		**Source: 1100825-70**			Prepared: 12/29/2011 Analyzed: 12/30/2011				

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Lead by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0977 - EPA 3050 Modified (continued)									
Duplicate (B1L0977-DUP2) - Continued		**Source: 1100825-70**			Prepared: 12/29/2011 Analyzed: 12/30/2011				
Lead	78	1.0		100	NR		24.8	20	R
Matrix Spike (B1L0977-MS1)		**Source: 1100825-80**			Prepared: 12/29/2011 Analyzed: 12/30/2011				
Lead	210	1.0	250	12	80.0	46 - 116			
Matrix Spike (B1L0977-MS2)		**Source: 1100825-70**			Prepared: 12/29/2011 Analyzed: 12/30/2011				
Lead	280	1.0	250	100	71.2	46 - 116			
Matrix Spike Dup (B1L0977-MSD1)		**Source: 1100825-80**			Prepared: 12/29/2011 Analyzed: 12/30/2011				
Lead	220	1.0	250	12	83.1	46 - 116	3.65	20	
Batch B1L0978 - EPA 3050 Modified									
Blank (B1L0978-BLK1)					Prepared: 12/29/2011 Analyzed: 12/30/2011				
Lead	ND	1.0			NR				
Blank (B1L0978-BLK2)					Prepared: 12/29/2011 Analyzed: 12/30/2011				
Lead	ND	1.0			NR				
LCS (B1L0978-BS1)					Prepared: 12/29/2011 Analyzed: 12/30/2011				
Lead	280	1.0	250		111	80 - 120			
Duplicate (B1L0978-DUP1)		**Source: 1100825-AA**			Prepared: 12/29/2011 Analyzed: 12/30/2011				
Lead	12	1.0		9.2	NR		26.3	20	R
Duplicate (B1L0978-DUP2)		**Source: 1100825-90**			Prepared: 12/29/2011 Analyzed: 12/30/2011				
Lead	230	1.0		280	NR		21.3	20	R
Matrix Spike (B1L0978-MS1)		**Source: 1100825-AA**			Prepared: 12/29/2011 Analyzed: 12/30/2011				
Lead	210	1.0	250	9.2	80.3	46 - 116			
Matrix Spike (B1L0978-MS2)		**Source: 1100825-90**			Prepared: 12/29/2011 Analyzed: 12/30/2011				
Lead	490	1.0	250	280	81.6	46 - 116			
Matrix Spike Dup (B1L0978-MSD1)		**Source: 1100825-AA**			Prepared: 12/29/2011 Analyzed: 12/30/2011				
Lead	210	1.0	250	9.2	79.2	46 - 116	1.33	20	
Batch B1L0979 - EPA 3050 Modified									
Blank (B1L0979-BLK1)					Prepared: 12/29/2011 Analyzed: 12/30/2011				
Lead	ND	1.0			NR				
Blank (B1L0979-BLK2)					Prepared: 12/29/2011 Analyzed: 12/30/2011				
Lead	ND	1.0			NR				
LCS (B1L0979-BS1)					Prepared: 12/29/2011 Analyzed: 12/30/2011				

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Lead by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0979 - EPA 3050 Modified (continued)									
LCS (B1L0979-BS1) - Continued					Prepared: 12/29/2011 Analyzed: 12/30/2011				
Lead	270	1.0	250		109	80 - 120			
Duplicate (B1L0979-DUP1)		**Source: 1100825-AU**			Prepared: 12/29/2011 Analyzed: 12/30/2011				
Lead	12	1.0		7.6	NR		45.8	20	R
Duplicate (B1L0979-DUP2)		**Source: 1100825-AK**			Prepared: 12/29/2011 Analyzed: 12/30/2011				
Lead	14	1.0		18	NR		26.1	20	R
Matrix Spike (B1L0979-MS1)		**Source: 1100825-AU**			Prepared: 12/29/2011 Analyzed: 12/30/2011				
Lead	220	1.0	250	7.6	83.2	46 - 116			
Matrix Spike (B1L0979-MS2)		**Source: 1100825-AK**			Prepared: 12/29/2011 Analyzed: 12/30/2011				
Lead	240	1.0	250	18	87.0	46 - 116			
Matrix Spike Dup (B1L0979-MSD1)		**Source: 1100825-AU**			Prepared: 12/29/2011 Analyzed: 12/30/2011				
Lead	230	1.0	250	7.6	89.5	46 - 116	6.99	20	
Batch B1L0980 - EPA 3050 Modified									
Blank (B1L0980-BLK1)					Prepared: 12/29/2011 Analyzed: 12/30/2011				
Lead	ND	1.0			NR				
Blank (B1L0980-BLK2)					Prepared: 12/29/2011 Analyzed: 12/30/2011				
Lead	ND	1.0			NR				
LCS (B1L0980-BS1)					Prepared: 12/29/2011 Analyzed: 12/30/2011				
Lead	260	1.0	250		104	80 - 120			
Duplicate (B1L0980-DUP1)		**Source: 1100825-BO**			Prepared: 12/29/2011 Analyzed: 12/30/2011				
Lead	27	1.0		18	NR		36.5	20	R
Duplicate (B1L0980-DUP2)		**Source: 1100825-BE**			Prepared: 12/29/2011 Analyzed: 12/30/2011				
Lead	11	1.0		13	NR		11.8	20	
Matrix Spike (B1L0980-MS1)		**Source: 1100825-BO**			Prepared: 12/29/2011 Analyzed: 12/30/2011				
Lead	230	1.0	250	18	84.0	46 - 116			
Matrix Spike (B1L0980-MS2)		**Source: 1100825-BE**			Prepared: 12/29/2011 Analyzed: 12/30/2011				
Lead	240	1.0	250	13	89.0	46 - 116			
Matrix Spike Dup (B1L0980-MSD1)		**Source: 1100825-BO**			Prepared: 12/29/2011 Analyzed: 12/30/2011				
Lead	230	1.0	250	18	83.3	46 - 116	0.762	20	
Batch B1L0981 - EPA 3050 Modified									
Blank (B1L0981-BLK1)					Prepared: 12/29/2011 Analyzed: 12/30/2011				

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Lead by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0981 - EPA 3050 Modified (continued)									
Blank (B1L0981-BLK1) - Continued					Prepared: 12/29/2011 Analyzed: 12/30/2011				
Lead	ND	1.0			NR				
Blank (B1L0981-BLK2)					Prepared: 12/29/2011 Analyzed: 12/30/2011				
Lead	ND	1.0			NR				
LCS (B1L0981-BS1)					Prepared: 12/29/2011 Analyzed: 12/30/2011				
Lead	280	1.0	250		112	80 - 120			
Duplicate (B1L0981-DUP1)		**Source: 1100825-CI**			Prepared: 12/29/2011 Analyzed: 12/30/2011				
Lead	24	1.0		19	NR		24.1	20	R
Duplicate (B1L0981-DUP2)		**Source: 1100825-BY**			Prepared: 12/29/2011 Analyzed: 12/30/2011				
Lead	43	1.0		31	NR		33.4	20	R
Matrix Spike (B1L0981-MS1)		**Source: 1100825-CI**			Prepared: 12/29/2011 Analyzed: 12/30/2011				
Lead	230	1.0	250	19	85.6	46 - 116			
Matrix Spike (B1L0981-MS2)		**Source: 1100825-BY**			Prepared: 12/29/2011 Analyzed: 12/30/2011				
Lead	240	1.0	250	31	83.3	46 - 116			
Matrix Spike Dup (B1L0981-MSD1)		**Source: 1100825-CI**			Prepared: 12/29/2011 Analyzed: 12/30/2011				
Lead	220	1.0	250	19	81.7	46 - 116	4.26	20	
Batch B1L0982 - EPA 3050 Modified									
Blank (B1L0982-BLK1)					Prepared: 12/29/2011 Analyzed: 12/30/2011				
Lead	ND	1.0			NR				
Blank (B1L0982-BLK2)					Prepared: 12/29/2011 Analyzed: 12/30/2011				
Lead	ND	1.0			NR				
LCS (B1L0982-BS1)					Prepared: 12/29/2011 Analyzed: 12/30/2011				
Lead	280	1.0	250		111	80 - 120			
Duplicate (B1L0982-DUP1)		**Source: 1100825-DC**			Prepared: 12/29/2011 Analyzed: 12/30/2011				
Lead	9.0	1.0		7.9	NR		13.2	20	
Duplicate (B1L0982-DUP2)		**Source: 1100825-CS**			Prepared: 12/29/2011 Analyzed: 12/30/2011				
Lead	510	1.0		470	NR		8.52	20	
Matrix Spike (B1L0982-MS1)		**Source: 1100825-DC**			Prepared: 12/29/2011 Analyzed: 12/30/2011				
Lead	220	1.0	250	7.9	86.0	46 - 116			
Matrix Spike (B1L0982-MS2)		**Source: 1100825-CS**			Prepared: 12/29/2011 Analyzed: 12/30/2011				
Lead	250	1.0	250	470	-88.1	46 - 116			R

Geocon Consultants, Inc.	Project Number : TO-16, E8560-06-16
6671 Brisa Street	Report To : Luann Beadle
Livermore , CA 94550	Reported : 01/03/2012

Lead by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0982 - EPA 3050 Modified (continued)									
Matrix Spike Dup (B1L0982-MSD1)		**Source: 1100825-DC**			Prepared: 12/29/2011 Analyzed: 12/30/2011				
Lead	220	1.0	250	7.9	85.4	46 - 116	0.731	20	
Batch B1L0983 - EPA 3050 Modified									
Blank (B1L0983-BLK1)					Prepared: 12/29/2011 Analyzed: 12/30/2011				
Lead	ND	1.0			NR				
Blank (B1L0983-BLK2)					Prepared: 12/29/2011 Analyzed: 12/30/2011				
Lead	ND	1.0			NR				
LCS (B1L0983-BS1)					Prepared: 12/29/2011 Analyzed: 12/30/2011				
Lead	280	1.0	250		111	80 - 120			
Duplicate (B1L0983-DUP1)		**Source: 1100828-04**			Prepared: 12/29/2011 Analyzed: 12/30/2011				
Lead	8.4	1.0		7.4	NR		12.2	20	
Duplicate (B1L0983-DUP2)		**Source: 1100825-DM**			Prepared: 12/29/2011 Analyzed: 12/30/2011				
Lead	160	1.0		150	NR		4.25	20	
Matrix Spike (B1L0983-MS1)		**Source: 1100828-04**			Prepared: 12/29/2011 Analyzed: 12/30/2011				
Lead	200	1.0	250	7.4	75.0	46 - 116			
Matrix Spike (B1L0983-MS2)		**Source: 1100825-DM**			Prepared: 12/29/2011 Analyzed: 12/30/2011				
Lead	370	1.0	250	150	84.3	46 - 116			
Matrix Spike Dup (B1L0983-MSD1)		**Source: 1100828-04**			Prepared: 12/29/2011 Analyzed: 12/30/2011				
Lead	200	1.0	250	7.4	78.7	46 - 116	4.55	20	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/03/2012

pH by EPA 9045C - Quality Control

Analyte	Result (pH Units)	PQL (pH Units)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0066 - Prep_WC_1_S									
Duplicate (B2A0066-DUP1)		**Source: 1100825-80**			Prepared: 1/3/2012 Analyzed: 1/3/2012				
pH	7.4	0.10		7.5	NR		1	20	
Batch B2A0068 - Prep_WC_1_S									
Duplicate (B2A0068-DUP1)		**Source: 1100825-DC**			Prepared: 1/3/2012 Analyzed: 1/3/2012				
pH	7.5	0.10		7.5	NR		0.3	20	
Batch B2A0069 - Prep_WC_1_S									
Duplicate (B2A0069-DUP1)		**Source: 1100825-DS**			Prepared: 1/3/2012 Analyzed: 1/3/2012				
pH	8.0	0.10		7.8	NR		2	20	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/03/2012

Notes and Definitions

R	RPD value outside acceptance criteria. Calculation is based on raw values.
ND	Analyte not detected at or above reporting limit
PQL	Practical Quantitation Limit
MDL	Method Detection Limit
NR	Not Reported
RPD	Relative Percent Difference

CHAIN OF CUSTODY RECORD

Advanced Technology Laboratories
3275 Walnut Avenue
Signal Hill, CA 90755
(562) 989-4045 • Fax (562) 989-4040

FOR LABORATORY USE ONLY:

P.O.#:

Logged By: Date: 12/29/11

Method of Transport: Client ☐ ATL ☐ CA OverN ☐ FEDEX ☐ Other: GSO

Sample Condition Upon Receipt: 15.0 14.8
1. CHILLED Y☐ N☐ 4. SEALED Y☐ N☐
2. HEADSPACE (VOA) Y☐ N☐ 5. # OF SPLS MATCH COC Y☐ N☐
3. CONTAINER INTACT Y☐ N☐ 6. PRESERVED Y☐ N☐

Client: GEOCON CONSULTANTS, INC.
Attn: L. BEADLE
Address: 6671 Brisa Street
City: Livermore State: CA Zip Code: 94550
TEL: (925) 371-5900
FAX: (925) 371-5915

Project Name: TO-16 Project #: E8560-06-16 Sampler: (Printed Name) CHRIS GINTON (Signature)

Relinquished by: (Signature and Printed Name) Date: 12/28/11 Time: 1730 Received by: (Signature and Printed Name) Date: 12/29/11 Time: 9:40
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:

I hereby authorize ATL to perform the work indicated below:
Project Mgr (Submitter)
D. WATTS 12/28/11
Print Name Date
Signature

Send Report To:
Attn:
Co: SAME AS ABOVE
Address
City State Zip

Bill To:
Attn:
Co: SAME AS ABOVE
Address
City State Zip

Special Instructions/Comments:
10% OF Pb SAMPLES TO BE ANALYZED FOR pH (LAB)
ANALYZE EACH SAMPLE INDIVIDUALLY. DO NOT COMPOSITE

Sample/Records - Archival & Disposal
Unless otherwise requested by client, all samples will be disposed 45 days after receipt and records will be disposed 1 year after submittal of final report.
Storage Fees (applies when storage is requested):
- Sample : $2.00 / sample / mo (after 45 days)
- Records : $1.00 / ATL workorder / mo (after 1 year)

Circle or Add Analysis(es) Requested: 8081A (Pesticides), 8082 (PCB), 8260B (Volatiles), 8270C (BNA), 6010B (Total Metal), 8015B (GRO) / BTEX, 8015B (DRO), 8021 (BTEX), TITLE 22 / CAM 17 (6010 / 7000), TOTAL LEAD

SPECIFY APPROPRIATE MATRIX: SOIL, WATER, GROUND WATER, WASTEWATER

QA/QC: RTNE ☐ CT ☒ SWRCB ☐ Logcode ____ OTHER ____

ITEM	LAB USE ONLY: Batch #: / Lab No.	Sample Description: Sample I.D. / Location	Date	Time	8081A (Pesticides)	8082 (PCB)	8260B (Volatiles)	8270C (BNA)	6010B (Total Metal)	8015B (GRO) / BTEX	8015B (DRO)	8021 (BTEX)	TITLE 22 / CAM 17 (6010 / 7000)	TOTAL LEAD	SOIL	WATER	GROUND WATER	WASTEWATER	TAT	Container(s) #	Container(s) Type	PRESERVATION	REMARKS
	1100825-01/04	G264-0,-0.5,-1.5,-2.5	12/28/11	0840										X			X			48 HR	4	P	B
	-05/08	G266-0,-0.5,-1.5,-2.5		0852																			
	09/12	G267-0,-0.5,-1.5,-2.5		0857																			
	13/16	G268-0,-0.5,-1.5,-2.5		0902																			
	17/20	W-ALAM-C1-0,-0.5,-1.5,-2.5		0915																			
	21/24	G269-0,-0.5,-1.5,-2.5		0923																			
	25/28	G270-0,-0.5,-1.5,-2.5		0928																			
	29/32	G271-0,-0.5,-1.5,-2.5		0935																			
	33/36	G272-0,-0.5,-1.5,-2.5		0941																			
	37/40	G273-0,-0.5,-1.5,-2.5		0945																			

• TAT starts 8 a.m. following day if samples received after 3 p.m.

TAT: A= Overnight ≤ 24 hr B= Emergency Next workday C= Critical 2 Workdays D= Urgent 3 Workdays E= Routine 7 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=Hcl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

DISTRIBUTION: White with report Yellow to folder Pink to submitter

CHAIN OF CUSTODY RECORD

Advanced Technology Laboratories
3275 Walnut Avenue
Signal Hill, CA 90755
(562) 989-4045 • Fax (562) 989-4040

FOR LABORATORY USE ONLY:

P.O.#: _____

Logged By: _____ Date: _____

Method of Transport: Client ☐ ATL ☐ CA OverN ☐ FEDEX ☐ Other: GSO

Sample Condition Upon Receipt: 1. CHILLED Y☐ N☐ 2. HEADSPACE (VOA) Y☐ N☐ 3. CONTAINER INTACT Y☐ N☐ 4. SEALED Y☐ N☐ 5. # OF SPLS MATCH COC Y☐ N☐ 6. PRESERVED Y☐ N☐

Client: GEOCON CONSULTANTS, INC.
Attn: L. BEADLE
Address: 6671 Brisa Street
City: Livermore State: CA Zip Code: 94550
TEL: (925) 371-5900
FAX: (925) 371-5915

Project Name: TO-16 Project #: E8560-06-16 Sampler: (Printed Name) CHRIS GUNTORI (Signature) [signature]

Relinquished by: (Signature and Printed Name) [signature] Date: 12/28/11 Time: 1730 Received by: (Signature and Printed Name) [signature] Date: 12/29/11 Time: 940

Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:

Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:

I hereby authorize ATL to perform the work indicated below:
Project Mgr (Submitter): D. WATTS 12/28/11
Print Name Date
[signature]
Signature

Send Report To:
Attn: _____
Co: SAME AS ABOVE
Address _____
City _____ State _____ Zip _____

Bill To:
Attn: _____
Co: SAME AS ABOVE
Address _____
City _____ State _____ Zip _____

Special Instructions/Comments:
10% OF Pb SAMPLES TO BE ANALYZED FOR pH (LAB)
ANALYZE EACH SAMPLE INDIVIDUALLY
DO NOT COMPOSITE

Sample/Records - Archival & Disposal
Unless otherwise requested by client, all samples will be disposed 45 days after receipt and records will be disposed 1 year after submittal of final report.

Storage Fees (applies when storage is requested):
- Sample : $2.00 / sample / mo (after 45 days)
- Records : $1.00 / ATL workorder / mo (after 1 year)

Circle or Add Analysis(es) Requested: 8081A (Pesticides), 8082 (PCB), 8260B (Volatiles), 8270C (BNA), 6010B (Total Metal), 8015B (GRO) / BTEX, 8015B (DRO), 8021 (BTEX), TITLE 22 / CAM 17 (6010 / 7000), TOTAL LEAD

SPECIFY APPROPRIATE MATRIX: SOIL, WATER, GROUND WATER, WASTEWATER

ITEM	LAB USE ONLY: Batch #: Lab No.	Sample Description: Sample I.D. / Location	Date	Time	TOTAL LEAD	SOIL	TAT	Container(s) #	Container(s) Type	PRESERVATION	QA/QC	REMARKS
	1108826-41/44	G274-0,-0.5,-1.5,-2.5	12/28/11	0952	X	X	48 HR	4	P B			
	45/48	G275-0,-0.5,-1.5,-2.5		0958								
	49/52	G276-0,-0.5,-1.5,-2.5		1004								
	53/56	G277-0,-0.5,-1.5,-2.5		1015								
	57/60	G278-0,-0.5,-1.5,-2.5		1021								
	61/64	G279-0,-0.5,-1.5,-2.5		1027								
	65/68	G280-0,-0.5,-1.5,-2.5		1032								
	69/72	G281-0,-0.5,-1.5,-2.5		1038								
	73/76	G282-0,-0.5,-1.5,-2.5		1043								
	77	[illegible]		1049								

• TAT starts 8 a.m. following day if samples received after 3 p.m.

TAT: A= Overnight ≤ 24 hr B= Emergency Next workday C= Critical 2 Workdays D= Urgent 3 Workdays E= Routine 7 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=HCl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

DISTRIBUTION: White with report Yellow to folder Pink to submitter

CHAIN OF CUSTODY RECORD

Advanced Technology Laboratories
3275 Walnut Avenue
Signal Hill, CA 90755
(562) 989-4045 • Fax (562) 989-4040

FOR LABORATORY USE ONLY:

P.O.#: _____

Logged By: _____ Date: _____

Method of Transport: Client ☐ ATL ☐ CA OverN ☐ FEDEX ☐ Other: GSO

Sample Condition Upon Receipt: 1.0
1. CHILLED Y☐ N☐ 4. SEALED Y☐ N☐
2. HEADSPACE (VOA) Y☐ N☐ 5. # OF SPLS MATCH COC Y☐ N☐
3. CONTAINER INTACT Y☐ N☐ 6. PRESERVED Y☐ N☐

Client: GEOCON CONSULTANTS, INC.
Attn: L. BEADLE
Address: 6671 Brisa Street
City: Livermore State: CA Zip Code: 94550
TEL: (925) 371-5900
FAX: (925) 371-5915

Project Name: TO-16 Project #: E8560-06-16 Sampler: (Printed Name) CHRIS GIUNTOLI (Signature)

Relinquished by: (Signature and Printed Name) Date: 12/28/11 Time: 1730 Received by: (Signature and Printed Name) Date: 12/29/11 Time: 940
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:

I hereby authorize ATL to perform the work indicated below:
Project Mgr / Submitter: D. WATTS 12/28/11
Print Name Date
Signature

Send Report To:
Attn: _____
Co: SAME AS ABOVE
Address _____
City _____ State _____ Zip _____

Bill To:
Attn: _____
Co: SAME AS ABOVE
Address _____
City _____ State _____ Zip _____

Special Instructions/Comments:
10% OF Pb SAMPLES TO BE ANALYZED FOR pH (LAB)
ANALYZE EACH SAMPLE INDIVIDUALLY
DO NOT COMPOSITE

Sample/Records - Archival & Disposal
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Storage Fees (applies when storage is requested):
- Sample : $2.00 / sample / mo (after 45 days)
- Records : $1.00 / ATL workorder / mo (after 1 year)

Circle or Add Analysis(es) Requested: 8081A (Pesticides), 8082 (PCB), 8260B (Volatiles), 8270C (BNA), 6010B (Total Metal), 8015B (GRO) / BTEX, 8015B (DRO), 8021 (BTEX), TITLE 22 / CAM 17 (6010 / 7000), TOTAL LEAD

SPECIFY APPROPRIATE MATRIX: SOIL, WATER, GROUND WATER, WASTEWATER

ITEM	LAB USE ONLY: Batch #: / Lab No.	Sample Description: Sample I.D. / Location	Date	Time	TOTAL LEAD	SOIL	TAT	Container(s) #	Container(s) Type	PRESERVATION	REMARKS
	1100825-77/80	G283-0,-0.5,-1.5,-2.5	12/28/11	1055	X	X	48 HR	4	P B		
	81/84	G284-0,-0.5,-1.5,-2.5		1100							
	85/88	G285-0,-0.5,-1.5,-2.5		1106							
	89/92	G286-0,-0.5,-1.5,-2.5		1111							
	93/96	G287-0,-0.5,-1.5,-2.5		1116							
	AA 97/100	G289-0,-0.5,-1.5,-2.5		1125							
AB	AE 101/104	G290-0,-0.5,-1.5,-2.5		1132							
AF	AI 105/108	G292-0,-0.5,-1.5,-2.5		1137							
AJ	AM 109/112	G293-0,-0.5,-1.5,-2.5		1142							
AN	AQ 113/116	G294-0,-0.5,-1.5,-2.5		1147							

QA/QC: RTNE ☐ CT ☒ SWRCB ☐ Logcode ____ OTHER ____

• TAT starts 8 a.m. following day if samples received after 3 p.m.

TAT: A= Overnight ≤ 24 hr B= Emergency Next workday C= Critical 2 Workdays D= Urgent 3 Workdays E= Routine 7 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=HCl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

DISTRIBUTION: White with report Yellow to folder Pink to submitter

CHAIN OF CUSTODY RECORD

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Signal Hill, CA 90755
(562) 989-4045 • Fax (562) 989-4040

FOR LABORATORY USE ONLY:

P.O.#: _____

Logged By: _____ Date: _____

Method of Transport: Client ☐ ATL ☐ CA OverN ☐ FEDEX ☐ Other: GSO

Sample Condition Upon Receipt: 1. CHILLED Y☐ N☐ 2. HEADSPACE (VOA) Y☐ N☐ 3. CONTAINER INTACT Y☐ N☐ 4. SEALED Y☐ N☐ 5. # OF SPLS MATCH COC Y☐ N☐ 6. PRESERVED Y☐ N☐

Client: GEOCON CONSULTANTS, INC.
Attn: L. BEADLE
Address: 6671 Brisa Street
City: Livermore State: CA Zip Code: 94550
TEL: (925) 371-5900
FAX: (925) 371-5915

Project Name: TO-16 Project #: E8560-06-16 Sampler: (Printed Name) CHRIS GLUNTOR (Signature)

Relinquished by: (Signature and Printed Name) Date: 12/28/11 Time: 1730 Received by: (Signature and Printed Name) Date: 12/29/11 Time: 9:40

Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:

Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:

I hereby authorize ATL to perform the work indicated below:
Project Mgr / Submitter: D. WATTS 12/28/11
Print Name Date
Signature

Send Report To:
Attn: _____
Co: SAME AS ABOVE
Address _____
City _____ State _____ Zip _____

Bill To:
Attn: _____
Co: SAME AS ABOVE
Address _____
City _____ State _____ Zip _____

Special Instructions/Comments:
10% OF Pb SAMPLES TO BE ANALYZED FOR pH (LAB)
ANALYZE EACH SAMPLE INDIVIDUALLY
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Circle or Add Analysis(es) Requested: 8081A (Pesticides), 8082 (PCB), 8260B (Volatiles), 8270C (BNA), 6010B (Total Metal), 8015B (GRO) / BTEX, 8015B (DRO), 8021 (BTEX), TITLE 22 / CAM 17 (6010 / 7000), TOTAL LEAD

SPECIFY APPROPRIATE MATRIX: SOIL, WATER, GROUND WATER, WASTEWATER

QA/QC: RTNE ☐ CT ☒ SWRCB ☐ Logcode _____ OTHER _____

ITEM	LAB USE ONLY: Batch #: / Lab No.	Sample Description: Sample I.D. / Location	Date	Time	8081A (Pesticides)	8082 (PCB)	8260B (Volatiles)	8270C (BNA)	6010B (Total Metal)	8015B (GRO) / BTEX	8015B (DRO)	8021 (BTEX)	TITLE 22 / CAM 17 (6010 / 7000) TOTAL LEAD	SOIL	WATER	GROUND WATER	WASTEWATER	TAT	Container(s) #	Container(s) Type	PRESERVATION	REMARKS
AU/AY	1100576-117/120	G295-0,-0.5,-1.5,-2.5	12/28/11	1153									X	X				48 HR	4	P B		
AV/AY	121/124	G296-0,-0.5,-1.5,-2.5		1159																		
AV/BC	125/128	G297-0,-0.5,-1.5,-2.5		1204																		
BD/BG	129/132	G298-0,-0.5,-1.5,-2.5		1209																		
BH/BK	133/136	G299-0,-0.5,-1.5,-2.5		1214																		
BL/BO	137/140	G300-0,-0.5,-1.5,-2.5		1237																		
BP/BS	141/144	G301-0,-0.5,-1.5,-2.5		1242																		
BT/BW	145/148	G302-0,-0.5,-1.5,-2.5		1249																		
CA/CA	149/152	G303-0,-0.5,-1.5,-2.5		1254																		
CB/CE	153/156	G304-0,-0.5-1.5,-2.5		1259																		

• TAT starts 8 a.m. following day if samples received after 3 p.m.

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Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=HCl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

DISTRIBUTION: White with report Yellow to folder Pink to submitter

CHAIN OF CUSTODY RECORD

Advanced Technology Laboratories
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(562) 989-4045 • Fax (562) 989-4040

FOR LABORATORY USE ONLY:

P.O.#: _____

Logged By: _____ Date: _____

Method of Transport: Client ☐ ATL ☐ CA OverN ☐ FEDEX ☐ Other: GSO

Sample Condition Upon Receipt: 1. CHILLED Y☐ N☐ 2. HEADSPACE (VOA) Y☐ N☐ 3. CONTAINER INTACT Y☐ N☐ 4. SEALED Y☐ N☐ 5. # OF SPLS MATCH COC Y☐ N☐ 6. PRESERVED Y☐ N☐

Client: GEOCON CONSULTANTS, INC.
Attn: L. BEADLE
Address: 6671 Brisa Street
City: Livermore State: CA Zip Code: 94550
TEL: (925) 371-5900
FAX: (925) 371-5915

Project Name: TO-16 Project #: E8560-06-16 Sampler: (Printed Name) C GUNTOU (Signature)

Relinquished by: (Signature and Printed Name) Date: 12/28/11 Time: 1730 Received by: (Signature and Printed Name) Date: 12/29/11 Time: 940

Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:

Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:

I hereby authorize ATL to perform the work indicated below:
Project Mgr / Submitter
D. WATTS 12/28/11
Print Name Date
Signature

Send Report To:
Attn: _____
Co: SAME AS ABOVE
Address _____
City _____ State _____ Zip _____

Bill To:
Attn: _____
Co: SAME AS ABOVE
Address _____
City _____ State _____ Zip _____

Special Instructions/Comments:
10% OF Pb SAMPLES TO BE ANALYZED FOR pH (LAB)
ANALYZE EACH SAMPLE INDIVIDUALLY
DO NOT COMPOSITE

Sample/Records - Archival & Disposal
Unless otherwise requested by client, all samples will be disposed 45 days after receipt and records will be disposed 1 year after submittal of final report.

Storage Fees (applies when storage is requested):
- Sample : $2.00 / sample / mo (after 45 days)
- Records : $1.00 / ATL workorder / mo (after 1 year)

Circle or Add Analysis(es) Requested: 8081A (Pesticides), 8082 (PCB), 8260B (Volatiles), 8270C (BNA), 6010B (Total Metal), 8015B (GRO) / BTEX, 8015B (DRO), 8021 (BTEX), TITLE 22 / CAM 17 (6010 / 7000), TOTAL LEAD

SPECIFY APPROPRIATE MATRIX: SOIL, WATER, GROUND WATER, WASTEWATER

QA/QC: RTNE ☐ CT ☒ SWRCB ☐ Logcode ____ OTHER ____

ITEM	LAB USE ONLY: Batch #: / Lab No.	Sample Description: Sample I.D. / Location	Date	Time	TOTAL LEAD	SOIL	TAT	Container(s) #	Container(s) Type	PRESERVATION	REMARKS
CF/CI	1108825-157/160	G305-0,-0.5,-1.5,-2.5	12/28/11	1305	X	Y	48 HR	4	P B		
CJ/CM	161/164	G306-0,-0.5,-1.5,-2.5		1310							
CN/CP	165/168	G307-0,-0.5,-1.5,-2.5		1322							
CQ/CU	169/172	G308-0,-0.5,-1.5,-2.5		1335							
CV/CY	173/176	G309-0,-0.5,-1.5,-2.5		1343							
CZ/DC	177/180	G310-0,-0.5,-1.5,-2.5		1351							
DD/DG	181/184	G311-0,-0.5,-1.5,-2.5		1357							
DH/DK	185/188	G312-0,-0.5,-1.5,-2.5		1405							
DL/DO	189/192	G313-0,-0.5,-1.5,-2.5		1410							
DP/DS	193/196	G314-0,-0.5,-1.5,-2.5		1415							

• TAT starts 8 a.m. following day if samples received after 3 p.m.

TAT: A= Overnight ≤ 24 hr B= Emergency Next workday C= Critical 2 Workdays D= Urgent 3 Workdays E= Routine 7 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=HCl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

DISTRIBUTION: White with report Yellow to folder Pink to submitter

ADVANCED TECHNOLOGY LABORATORIES

January 11, 2012

ELAP No.: 1838
NELAP No.: 02107CA
CSDLAC No.: 10196
ORELAP No.: CA300003

Luann Beadle
Geocon Consultants, Inc.
6671 Brisa Street
Livermore, CA 94550
Tel: (925) 371-5900
Fax:(925) 371-5915

Re: ATL Work Order Number : 1100825
Client Reference : TO-16, E8560-06-16

Enclosed are the results for sample(s) received on December 29, 2011 by Advanced Technology Laboratories. The sample(s) are tested for the parameters as indicated on the enclosed chain of custody in accordance with applicable laboratory certifications. The laboratory results contained in this report specifically pertains to the sample(s) submitted.

Thank you for the opportunity to serve the needs of your company. If you have any questions, please feel free to contact me or your Project Manager.

Sincerely,

Eddie Rodriguez
Laboratory Director

The cover letter and the case narrative are an integral part of this analytical report and its absence renders the report invalid. The report cannot be reproduced without written permission from the client and Advanced Technology Laboratories.

3275 Walnut Avenue, Signal Hill, CA 90755 • Tel: 562-989-4045 • Fax: 562-989-4040
www.atlglobal.com

Geocon Consultants, Inc.	Project Number : TO-16, E8560-06-16
6671 Brisa Street	Report To : Luann Beadle
Livermore , CA 94550	Reported : 01/11/2012

SUMMARY OF SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
G264-0	1100825-01	Soil	12/28/11 8:40	12/29/11 9:40
G264-0	1100825-01	Soil	12/28/11 8:40	12/29/11 9:40
G264-0.5	1100825-02	Soil	12/28/11 8:40	12/29/11 9:40
G266-0	1100825-05	Soil	12/28/11 8:52	12/29/11 9:40
G266-0.5	1100825-06	Soil	12/28/11 8:52	12/29/11 9:40
G266-1.5	1100825-07	Soil	12/28/11 8:52	12/29/11 9:40
G267-0	1100825-09	Soil	12/28/11 8:57	12/29/11 9:40
G267-0	1100825-09	Soil	12/28/11 8:57	12/29/11 9:40
G267-0.5	1100825-10	Soil	12/28/11 8:57	12/29/11 9:40
G268-0	1100825-13	Soil	12/28/11 9:02	12/29/11 9:40
G268-0	1100825-13	Soil	12/28/11 9:02	12/29/11 9:40
W-ALAM-C1-0	1100825-17	Soil	12/28/11 9:15	12/29/11 9:40
W-ALAM-C1-0	1100825-17	Soil	12/28/11 9:15	12/29/11 9:40
W-ALAM-C1-1.5	1100825-19	Soil	12/28/11 9:15	12/29/11 9:40
G269-0	1100825-21	Soil	12/28/11 9:23	12/29/11 9:40
G269-0	1100825-21	Soil	12/28/11 9:23	12/29/11 9:40
G269-0.5	1100825-22	Soil	12/28/11 9:23	12/29/11 9:40
G269-1.5	1100825-23	Soil	12/28/11 9:23	12/29/11 9:40
G270-0	1100825-25	Soil	12/28/11 9:28	12/29/11 9:40
G270-0.5	1100825-26	Soil	12/28/11 9:28	12/29/11 9:40
G271-0	1100825-29	Soil	12/28/11 9:35	12/29/11 9:40
G272-0	1100825-33	Soil	12/28/11 9:41	12/29/11 9:40
G272-1.5	1100825-35	Soil	12/28/11 9:41	12/29/11 9:40
G273-0	1100825-37	Soil	12/28/11 9:45	12/29/11 9:40
G273-0	1100825-37	Soil	12/28/11 9:45	12/29/11 9:40
G273-0.5	1100825-38	Soil	12/28/11 9:45	12/29/11 9:40
G274-0	1100825-41	Soil	12/28/11 9:52	12/29/11 9:40
G274-0.5	1100825-42	Soil	12/28/11 9:52	12/29/11 9:40
G275-0	1100825-45	Soil	12/28/11 9:58	12/29/11 9:40
G275-0	1100825-45	Soil	12/28/11 9:58	12/29/11 9:40
G275-0.5	1100825-46	Soil	12/28/11 9:58	12/29/11 9:40
G276-0	1100825-49	Soil	12/28/11 10:04	12/29/11 9:40
G277-0	1100825-53	Soil	12/28/11 10:15	12/29/11 9:40
G277-0.5	1100825-54	Soil	12/28/11 10:15	12/29/11 9:40
G278-0	1100825-57	Soil	12/28/11 10:21	12/29/11 9:40

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G278-1.5	1100825-59	Soil	12/28/11 10:21	12/29/11 9:40
G279-0	1100825-61	Soil	12/28/11 10:27	12/29/11 9:40
G279-0.5	1100825-62	Soil	12/28/11 10:27	12/29/11 9:40
G280-0	1100825-65	Soil	12/28/11 10:32	12/29/11 9:40
G280-0.5	1100825-66	Soil	12/28/11 10:32	12/29/11 9:40
G281-0	1100825-69	Soil	12/28/11 10:38	12/29/11 9:40
G281-0.5	1100825-70	Soil	12/28/11 10:38	12/29/11 9:40
G281-1.5	1100825-71	Soil	12/28/11 10:38	12/29/11 9:40
G282-0	1100825-73	Soil	12/28/11 10:43	12/29/11 9:40
G282-0.5	1100825-74	Soil	12/28/11 10:43	12/29/11 9:40
G283-0	1100825-77	Soil	12/28/11 10:55	12/29/11 9:40
G284-0	1100825-81	Soil	12/28/11 11:00	12/29/11 9:40
G284-0.5	1100825-82	Soil	12/28/11 11:00	12/29/11 9:40
G285-0	1100825-85	Soil	12/28/11 11:06	12/29/11 9:40
G285-0	1100825-85	Soil	12/28/11 11:06	12/29/11 9:40
G285-0.5	1100825-86	Soil	12/28/11 11:06	12/29/11 9:40
G286-0	1100825-89	Soil	12/28/11 11:11	12/29/11 9:40
G286-0.5	1100825-90	Soil	12/28/11 11:11	12/29/11 9:40
G287-0	1100825-93	Soil	12/28/11 11:16	12/29/11 9:40
G287-0.5	1100825-94	Soil	12/28/11 11:16	12/29/11 9:40
G290-0	1100825-AB	Soil	12/28/11 11:32	12/29/11 9:40
G290-0	1100825-AB	Soil	12/28/11 11:32	12/29/11 9:40
G290-0.5	1100825-AC	Soil	12/28/11 11:32	12/29/11 9:40
G290-1.5	1100825-AD	Soil	12/28/11 11:32	12/29/11 9:40
G293-0	1100825-AJ	Soil	12/28/11 11:42	12/29/11 9:40
G293-0	1100825-AJ	Soil	12/28/11 11:42	12/29/11 9:40
G294-0	1100825-AN	Soil	12/28/11 11:47	12/29/11 9:40
G296-0	1100825-AV	Soil	12/28/11 11:59	12/29/11 9:40
G296-0.5	1100825-AW	Soil	12/28/11 11:59	12/29/11 9:40
G297-0	1100825-AZ	Soil	12/28/11 12:04	12/29/11 9:40
G297-0	1100825-AZ	Soil	12/28/11 12:04	12/29/11 9:40
G298-0	1100825-BD	Soil	12/28/11 12:09	12/29/11 9:40
G300-0	1100825-BL	Soil	12/28/11 12:37	12/29/11 9:40
G300-0	1100825-BL	Soil	12/28/11 12:37	12/29/11 9:40
G300-0.5	1100825-BM	Soil	12/28/11 12:37	12/29/11 9:40
G301-0	1100825-BP	Soil	12/28/11 12:42	12/29/11 9:40
G301-0	1100825-BP	Soil	12/28/11 12:42	12/29/11 9:40
G301-0.5	1100825-BQ	Soil	12/28/11 12:42	12/29/11 9:40
G302-0	1100825-BT	Soil	12/28/11 12:49	12/29/11 9:40

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G303-0	1100825-BX	Soil	12/28/11 12:54	12/29/11 9:40
G303-0	1100825-BX	Soil	12/28/11 12:54	12/29/11 9:40
G304-0	1100825-CB	Soil	12/28/11 12:59	12/29/11 9:40
G304-0.5	1100825-CC	Soil	12/28/11 12:59	12/29/11 9:40
G305-0	1100825-CF	Soil	12/28/11 13:05	12/29/11 9:40
G305-0	1100825-CF	Soil	12/28/11 13:05	12/29/11 9:40
G306-0.5	1100825-CK	Soil	12/28/11 13:10	12/29/11 9:40
G306-0.5	1100825-CK	Soil	12/28/11 13:10	12/29/11 9:40
G307-0.5	1100825-CO	Soil	12/28/11 13:22	12/29/11 9:40
G307-0.5	1100825-CO	Soil	12/28/11 13:22	12/29/11 9:40
G308-0.5	1100825-CS	Soil	12/28/11 13:35	12/29/11 9:40
G308-0.5	1100825-CS	Soil	12/28/11 13:35	12/29/11 9:40
G308-2.5	1100825-CU	Soil	12/28/11 13:35	12/29/11 9:40
G310-0	1100825-CZ	Soil	12/28/11 13:51	12/29/11 9:40
G310-0.5	1100825-DA	Soil	12/28/11 13:51	12/29/11 9:40
G311-0	1100825-DD	Soil	12/28/11 13:57	12/29/11 9:40
G311-0	1100825-DD	Soil	12/28/11 13:57	12/29/11 9:40
G311-0.5	1100825-DE	Soil	12/28/11 13:57	12/29/11 9:40
G312-0	1100825-DH	Soil	12/28/11 14:05	12/29/11 9:40
G312-0	1100825-DH	Soil	12/28/11 14:05	12/29/11 9:40
G312-0.5	1100825-DI	Soil	12/28/11 14:05	12/29/11 9:40
G313-0	1100825-DL	Soil	12/28/11 14:10	12/29/11 9:40
G313-0	1100825-DL	Soil	12/28/11 14:10	12/29/11 9:40
G313-0.5	1100825-DM	Soil	12/28/11 14:10	12/29/11 9:40
G314-0	1100825-DP	Soil	12/28/11 14:15	12/29/11 9:40
G314-0	1100825-DP	Soil	12/28/11 14:15	12/29/11 9:40
G314-0.5	1100825-DQ	Soil	12/28/11 14:15	12/29/11 9:40

Geocon Consultants, Inc.	Project Number : TO-16, E8560-06-16
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Livermore , CA 94550	Reported : 01/11/2012

STLC Lead by AA (Direct Aspiration) by EPA 7420

Analyte: Lead **Analyst: VV**

Laboratory ID	Client Sample ID	Result	Units	PQL	MDL	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1100825-02	G264-0.5	**6.2**	mg/L	0.50	NA	1	B2A0196	01/06/2012	01/09/12 18:05	
1100825-05	G266-0	**15**	mg/L	1.0	NA	2	B2A0196	01/06/2012	01/09/12 18:06	
1100825-06	G266-0.5	**4.0**	mg/L	0.50	NA	1	B2A0196	01/06/2012	01/09/12 18:06	
1100825-07	G266-1.5	**6.1**	mg/L	0.50	NA	1	B2A0196	01/06/2012	01/09/12 18:06	
1100825-10	G267-0.5	**1.5**	mg/L	0.50	NA	1	B2A0196	01/06/2012	01/09/12 18:07	
1100825-19	W-ALAM-C1-1.5	**3.0**	mg/L	0.50	NA	1	B2A0196	01/06/2012	01/09/12 18:07	
1100825-22	G269-0.5	**1.1**	mg/L	0.50	NA	1	B2A0196	01/06/2012	01/09/12 18:09	
1100825-23	G269-1.5	**0.92**	mg/L	0.50	NA	1	B2A0196	01/06/2012	01/09/12 18:09	
1100825-25	G270-0	**15**	mg/L	1.0	NA	2	B2A0196	01/06/2012	01/09/12 18:12	
1100825-26	G270-0.5	**0.76**	mg/L	0.50	NA	1	B2A0196	01/06/2012	01/09/12 18:13	
1100825-29	G271-0	**13**	mg/L	1.0	NA	2	B2A0196	01/06/2012	01/09/12 18:14	
1100825-33	G272-0	**13**	mg/L	1.0	NA	2	B2A0196	01/06/2012	01/09/12 18:15	
1100825-35	G272-1.5	**2.1**	mg/L	0.50	NA	1	B2A0196	01/06/2012	01/09/12 18:15	
1100825-38	G273-0.5	**0.76**	mg/L	0.50	NA	1	B2A0196	01/06/2012	01/09/12 18:16	
1100825-41	G274-0	**12**	mg/L	1.0	NA	2	B2A0196	01/06/2012	01/09/12 18:17	
1100825-42	G274-0.5	**10**	mg/L	1.0	NA	2	B2A0196	01/06/2012	01/09/12 18:18	
1100825-46	G275-0.5	**1.2**	mg/L	0.50	NA	1	B2A0196	01/06/2012	01/09/12 18:19	
1100825-49	G276-0	**10**	mg/L	1.0	NA	2	B2A0196	01/06/2012	01/09/12 18:19	
1100825-53	G277-0	**5.4**	mg/L	0.50	NA	1	B2A0196	01/06/2012	01/09/12 18:20	
1100825-54	G277-0.5	**2.1**	mg/L	0.50	NA	1	B2A0197	01/06/2012	01/09/12 18:23	
1100825-57	G278-0	**230**	mg/L	20	NA	40	B2A0197	01/06/2012	01/09/12 18:26	
1100825-59	G278-1.5	**4.0**	mg/L	0.50	NA	1	B2A0197	01/06/2012	01/09/12 18:26	
1100825-61	G279-0	**16**	mg/L	1.0	NA	2	B2A0197	01/06/2012	01/09/12 18:27	
1100825-62	G279-0.5	**1.9**	mg/L	0.50	NA	1	B2A0197	01/06/2012	01/09/12 18:27	
1100825-65	G280-0	**5.5**	mg/L	0.50	NA	1	B2A0197	01/06/2012	01/09/12 18:27	
1100825-66	G280-0.5	**2.1**	mg/L	0.50	NA	1	B2A0197	01/06/2012	01/09/12 18:28	
1100825-69	G281-0	**13**	mg/L	1.0	NA	2	B2A0197	01/06/2012	01/09/12 18:29	
1100825-70	G281-0.5	**2.2**	mg/L	0.50	NA	1	B2A0197	01/06/2012	01/09/12 18:29	
1100825-71	G281-1.5	**1.5**	mg/L	0.50	NA	1	B2A0197	01/06/2012	01/09/12 18:30	
1100825-73	G282-0	**10**	mg/L	1.0	NA	2	B2A0197	01/06/2012	01/09/12 18:31	

Geocon Consultants, Inc.	Project Number : TO-16, E8560-06-16
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1100825-74	G282-0.5	**1.6**	mg/L	0.50	NA	1	B2A0197	01/06/2012	01/09/12 18:32
1100825-77	G283-0	**3.2**	mg/L	0.50	NA	1	B2A0197	01/06/2012	01/09/12 18:32
1100825-81	G284-0	**6.9**	mg/L	0.50	NA	1	B2A0197	01/06/2012	01/09/12 18:32
1100825-82	G284-0.5	**0.64**	mg/L	0.50	NA	1	B2A0197	01/06/2012	01/09/12 18:33
1100825-86	G285-0.5	**1.7**	mg/L	0.50	NA	1	B2A0197	01/06/2012	01/09/12 18:33
1100825-89	G286-0	**15**	mg/L	1.0	NA	2	B2A0197	01/06/2012	01/09/12 18:35
1100825-90	G286-0.5	**13**	mg/L	1.0	NA	2	B2A0197	01/06/2012	01/09/12 18:36
1100825-93	G287-0	**14**	mg/L	1.0	NA	2	B2A0197	01/06/2012	01/09/12 18:37
1100825-94	G287-0.5	**4.9**	mg/L	0.50	NA	1	B2A0197	01/06/2012	01/09/12 18:37
1100825-AC	G290-0.5	**1.1**	mg/L	0.50	NA	1	B2A0198	01/06/2012	01/09/12 18:39
1100825-AD	G290-1.5	**1.4**	mg/L	0.50	NA	1	B2A0198	01/06/2012	01/09/12 18:40
1100825-AN	G294-0	**4.5**	mg/L	0.50	NA	1	B2A0198	01/06/2012	01/09/12 18:40
1100825-AV	G296-0	**7.2**	mg/L	0.50	NA	1	B2A0198	01/06/2012	01/09/12 18:40
1100825-AW	G296-0.5	**0.66**	mg/L	0.50	NA	1	B2A0198	01/06/2012	01/09/12 18:41
1100825-BD	G298-0	**4.0**	mg/L	0.50	NA	1	B2A0198	01/06/2012	01/09/12 18:41
1100825-BM	G300-0.5	**2.4**	mg/L	0.50	NA	1	B2A0198	01/06/2012	01/09/12 18:42
1100825-BQ	G301-0.5	**1.1**	mg/L	0.50	NA	1	B2A0198	01/06/2012	01/09/12 18:42
1100825-BT	G302-0	**8.8**	mg/L	0.50	NA	1	B2A0198	01/06/2012	01/09/12 18:43
1100825-CB	G304-0	**41**	mg/L	2.5	NA	5	B2A0198	01/06/2012	01/09/12 18:45
1100825-CC	G304-0.5	**1.6**	mg/L	0.50	NA	1	B2A0198	01/06/2012	01/09/12 18:47
1100825-CU	G308-2.5	**2.2**	mg/L	0.50	NA	1	B2A0198	01/06/2012	01/09/12 18:47
1100825-CZ	G310-0	**8.3**	mg/L	0.50	NA	1	B2A0198	01/06/2012	01/09/12 18:48
1100825-DA	G310-0.5	**5.1**	mg/L	0.50	NA	1	B2A0198	01/06/2012	01/09/12 18:48
1100825-DE	G311-0.5	**1.5**	mg/L	0.50	NA	1	B2A0198	01/06/2012	01/09/12 18:48
1100825-DI	G312-0.5	**22**	mg/L	2.0	NA	4	B2A0198	01/06/2012	01/09/12 18:49
1100825-DM	G313-0.5	**6.2**	mg/L	0.50	NA	1	B2A0198	01/06/2012	01/09/12 18:50
1100825-DQ	G314-0.5	**4.0**	mg/L	0.50	NA	1	B2A0198	01/06/2012	01/09/12 18:51

Geocon Consultants, Inc.	Project Number : TO-16, E8560-06-16
6671 Brisa Street	Report To : Luann Beadle
Livermore , CA 94550	Reported : 01/11/2012

TCLP Lead by AA (Direct Aspiration) EPA 7420

Analyte: Lead **Analyst: VV**

Laboratory ID	Client Sample ID	Result	Units	PQL	MDL	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1100825-01	G264-0	**ND**	mg/L	0.50	NA	1	B2A0289	01/11/2012	01/11/12 13:06	
1100825-09	G267-0	**ND**	mg/L	0.50	NA	1	B2A0289	01/11/2012	01/11/12 13:07	
1100825-13	G268-0	**ND**	mg/L	0.50	NA	1	B2A0289	01/11/2012	01/11/12 13:07	
1100825-17	W-ALAM-C1-0	**ND**	mg/L	0.50	NA	1	B2A0289	01/11/2012	01/11/12 13:07	
1100825-21	G269-0	**ND**	mg/L	0.50	NA	1	B2A0289	01/11/2012	01/11/12 13:08	
1100825-37	G273-0	**ND**	mg/L	0.50	NA	1	B2A0289	01/11/2012	01/11/12 13:09	
1100825-45	G275-0	**ND**	mg/L	0.50	NA	1	B2A0289	01/11/2012	01/11/12 13:09	
1100825-85	G285-0	**ND**	mg/L	0.50	NA	1	B2A0289	01/11/2012	01/11/12 13:09	
1100825-AB	G290-0	**ND**	mg/L	0.50	NA	1	B2A0289	01/11/2012	01/11/12 13:09	
1100825-AJ	G293-0	**ND**	mg/L	0.50	NA	1	B2A0289	01/11/2012	01/11/12 13:10	
1100825-AZ	G297-0	**ND**	mg/L	0.50	NA	1	B2A0289	01/11/2012	01/11/12 13:11	
1100825-BL	G300-0	**0.61**	mg/L	0.50	NA	1	B2A0289	01/11/2012	01/11/12 13:11	
1100825-BP	G301-0	**ND**	mg/L	0.50	NA	1	B2A0289	01/11/2012	01/11/12 13:12	
1100825-BX	G303-0	**ND**	mg/L	0.50	NA	1	B2A0289	01/11/2012	01/11/12 13:15	
1100825-CF	G305-0	**ND**	mg/L	0.50	NA	1	B2A0289	01/11/2012	01/11/12 13:15	
1100825-CK	G306-0.5	**3.0**	mg/L	0.50	NA	1	B2A0289	01/11/2012	01/11/12 13:16	
1100825-CO	G307-0.5	**ND**	mg/L	0.50	NA	1	B2A0289	01/11/2012	01/11/12 13:16	
1100825-CS	G308-0.5	**ND**	mg/L	0.50	NA	1	B2A0289	01/11/2012	01/11/12 13:17	
1100825-DD	G311-0	**ND**	mg/L	0.50	NA	1	B2A0289	01/11/2012	01/11/12 13:17	
1100825-DH	G312-0	**3.4**	mg/L	0.50	NA	1	B2A0289	01/11/2012	01/11/12 13:19	
1100825-DL	G313-0	**1.5**	mg/L	0.50	NA	1	B2A0290	01/11/2012	01/11/12 13:22	
1100825-DP	G314-0	**0.52**	mg/L	0.50	NA	1	B2A0290	01/11/2012	01/11/12 13:22	

Geocon Consultants, Inc.	Project Number : TO-16, E8560-06-16
6671 Brisa Street	Report To : Luann Beadle
Livermore , CA 94550	Reported : 01/11/2012

QUALITY CONTROL SECTION

STLC Lead by AA (Direct Aspiration) by EPA 7420 - Quality Control

Analyte	Result (mg/L)	PQL (mg/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0196 - STLC Extraction									
Blank (B2A0196-BLK1)					Prepared: 1/6/2012 Analyzed: 1/9/2012				
Lead	ND	0.50			NR				
Blank (B2A0196-BLK2)					Prepared: 1/6/2012 Analyzed: 1/9/2012				
Lead	ND	0.50			NR				
LCS (B2A0196-BS1)					Prepared: 1/6/2012 Analyzed: 1/9/2012				
Lead	4.7	0.05	5.00		94.9	80 - 120			
Duplicate (B2A0196-DUP1)		**Source: 1100825-25**			Prepared: 1/6/2012 Analyzed: 1/9/2012				
Lead	15	1.0		15	NR		3.79	20	
Duplicate (B2A0196-DUP2)		**Source: 1100825-53**			Prepared: 1/6/2012 Analyzed: 1/9/2012				
Lead	5.5	0.50		5.4	NR		2.85	20	
Matrix Spike (B2A0196-MS1)		**Source: 1100825-25**			Prepared: 1/6/2012 Analyzed: 1/9/2012				
Lead	20	0.20	5.00	15	91.8	80 - 120			
Matrix Spike (B2A0196-MS2)		**Source: 1100825-53**			Prepared: 1/6/2012 Analyzed: 1/9/2012				
Lead	10	0.10	5.00	5.4	98.8	80 - 120			
Matrix Spike Dup (B2A0196-MSD1)		**Source: 1100825-25**			Prepared: 1/6/2012 Analyzed: 1/9/2012				
Lead	20	0.20	5.00	15	97.6	80 - 120	1.46	20	
Batch B2A0197 - STLC Extraction									
Blank (B2A0197-BLK1)					Prepared: 1/6/2012 Analyzed: 1/9/2012				
Lead	ND	0.50			NR				
Blank (B2A0197-BLK2)					Prepared: 1/6/2012 Analyzed: 1/9/2012				
Lead	ND	0.50			NR				
LCS (B2A0197-BS1)					Prepared: 1/6/2012 Analyzed: 1/9/2012				
Lead	5.1	0.05	5.00		102	80 - 120			
Duplicate (B2A0197-DUP1)		**Source: 1100825-71**			Prepared: 1/6/2012 Analyzed: 1/9/2012				
Lead	1.4	0.50		1.5	NR		6.39	20	
Duplicate (B2A0197-DUP2)		**Source: 1100825-94**			Prepared: 1/6/2012 Analyzed: 1/9/2012				
Lead	4.7	0.50		4.9	NR		3.15	20	
Matrix Spike (B2A0197-MS1)		**Source: 1100825-71**			Prepared: 1/6/2012 Analyzed: 1/9/2012				
Lead	6.7	0.05	5.00	1.5	103	80 - 120			
Matrix Spike (B2A0197-MS2)		**Source: 1100825-94**			Prepared: 1/6/2012 Analyzed: 1/9/2012				

Geocon Consultants, Inc.	Project Number : TO-16, E8560-06-16
6671 Brisa Street	Report To : Luann Beadle
Livermore , CA 94550	Reported : 01/11/2012

STLC Lead by AA (Direct Aspiration) by EPA 7420 - Quality Control (cont'd)

Analyte	Result (mg/L)	PQL (mg/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0197 - STLC Extraction (continued)									
Matrix Spike (B2A0197-MS2) - Continued		**Source: 1100825-94**			Prepared: 1/6/2012 Analyzed: 1/9/2012				
Lead	10	0.10	5.00	4.9	111	80 - 120			
Matrix Spike Dup (B2A0197-MSD1)		**Source: 1100825-71**			Prepared: 1/6/2012 Analyzed: 1/9/2012				
Lead	6.7	0.05	5.00	1.5	104	80 - 120	0.563	20	
Batch B2A0198 - STLC Extraction									
Blank (B2A0198-BLK1)					Prepared: 1/6/2012 Analyzed: 1/9/2012				
Lead	ND	0.50			NR				
Blank (B2A0198-BLK2)					Prepared: 1/6/2012 Analyzed: 1/9/2012				
Lead	ND	0.50			NR				
LCS (B2A0198-BS1)					Prepared: 1/6/2012 Analyzed: 1/9/2012				
Lead	5.2	0.05	5.00		103	80 - 120			
Duplicate (B2A0198-DUP1)		**Source: 1100825-CB**			Prepared: 1/6/2012 Analyzed: 1/9/2012				
Lead	40	2.5		41	NR		1.93	20	
Duplicate (B2A0198-DUP2)		**Source: 1100828-15**			Prepared: 1/6/2012 Analyzed: 1/9/2012				
Lead	10	1.0		10	NR		1.20	20	
Matrix Spike (B2A0198-MS1)		**Source: 1100825-CB**			Prepared: 1/6/2012 Analyzed: 1/9/2012				
Lead	49	0.50	5.00	41	161	80 - 120			M1
Matrix Spike (B2A0198-MS2)		**Source: 1100828-15**			Prepared: 1/6/2012 Analyzed: 1/9/2012				
Lead	17	0.20	5.00	10	136	80 - 120			M1
Matrix Spike Dup (B2A0198-MSD1)		**Source: 1100825-CB**			Prepared: 1/6/2012 Analyzed: 1/9/2012				
Lead	50	0.50	5.00	41	165	80 - 120	0.398	20	M1
Batch S2A0089 - B2A0196									
Instrument Blank (S2A0089-IBL1)					Prepared: 1/9/2012 Analyzed: 1/9/2012				
Lead	ND	0.50			NR				

Geocon Consultants, Inc.	Project Number : TO-16, E8560-06-16
6671 Brisa Street	Report To : Luann Beadle
Livermore , CA 94550	Reported : 01/11/2012

TCLP Lead by AA (Direct Aspiration) EPA 7420 - Quality Control

Analyte	Result (mg/L)	PQL (mg/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0289 - EPA 3010A									
Blank (B2A0289-BLK1)					Prepared: 1/11/2012 Analyzed: 1/11/2012				
Lead	ND	0.50			NR				
Blank (B2A0289-BLK2)					Prepared: 1/11/2012 Analyzed: 1/11/2012				
Lead	ND	0.50			NR				
Blank (B2A0289-BLK3)					Prepared: 1/11/2012 Analyzed: 1/11/2012				
Lead	ND	0.50			NR				
Blank (B2A0289-BLK4)					Prepared: 1/11/2012 Analyzed: 1/11/2012				
Lead	ND	0.50			NR				
LCS (B2A0289-BS1)					Prepared: 1/11/2012 Analyzed: 1/11/2012				
Lead	1.0	0.50	1.00		104	80 - 120			
Duplicate (B2A0289-DUP1)		**Source: 1100825-DH**			Prepared: 1/11/2012 Analyzed: 1/11/2012				
Lead	3.3	0.50		3.4	NR		3.65	20	
Duplicate (B2A0289-DUP2)		**Source: 1100825-AJ**			Prepared: 1/11/2012 Analyzed: 1/11/2012				
Lead	0.26	0.50		0.29	NR		9.79	20	
Matrix Spike (B2A0289-MS1)		**Source: 1100825-DH**			Prepared: 1/11/2012 Analyzed: 1/11/2012				
Lead	6.3	0.50	2.50	3.4	115	80 - 120			
Matrix Spike (B2A0289-MS2)		**Source: 1100825-AJ**			Prepared: 1/11/2012 Analyzed: 1/11/2012				
Lead	2.9	0.50	2.50	0.29	103	80 - 120			
Matrix Spike Dup (B2A0289-MSD1)		**Source: 1100825-DH**			Prepared: 1/11/2012 Analyzed: 1/11/2012				
Lead	6.1	0.50	2.50	3.4	108	80 - 120	3.10	20	
Batch B2A0290 - EPA 3010A									
Blank (B2A0290-BLK1)					Prepared: 1/11/2012 Analyzed: 1/11/2012				
Lead	ND	0.50			NR				
Blank (B2A0290-BLK2)					Prepared: 1/11/2012 Analyzed: 1/11/2012				
Lead	ND	0.50			NR				
Blank (B2A0290-BLK3)					Prepared: 1/11/2012 Analyzed: 1/11/2012				
Lead	ND	0.50			NR				
Blank (B2A0290-BLK4)					Prepared: 1/11/2012 Analyzed: 1/11/2012				
Lead	ND	0.50			NR				
LCS (B2A0290-BS1)					Prepared: 1/11/2012 Analyzed: 1/11/2012				
Lead	1.0	0.50	1.00		99.9	80 - 120			

Geocon Consultants, Inc.	Project Number : TO-16, E8560-06-16
6671 Brisa Street	Report To : Luann Beadle
Livermore , CA 94550	Reported : 01/11/2012

TCLP Lead by AA (Direct Aspiration) EPA 7420 - Quality Control (cont'd)

Analyte	Result (mg/L)	PQL (mg/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0290 - EPA 3010A (continued)									
Duplicate (B2A0290-DUP1)		**Source: 1100837-CA**			Prepared: 1/11/2012 Analyzed: 1/11/2012				
Lead	0.61	0.50		0.63	NR		2.94	20	
Duplicate (B2A0290-DUP2)		**Source: 1100828-71**			Prepared: 1/11/2012 Analyzed: 1/11/2012				
Lead	0.08	0.50		0.17	NR		66.8	20	R
Matrix Spike (B2A0290-MS1)		**Source: 1100837-CA**			Prepared: 1/11/2012 Analyzed: 1/11/2012				
Lead	3.4	0.50	2.50	0.63	110	80 - 120			
Matrix Spike (B2A0290-MS2)		**Source: 1100828-71**			Prepared: 1/11/2012 Analyzed: 1/11/2012				
Lead	2.8	0.50	2.50	0.17	103	80 - 120			
Matrix Spike Dup (B2A0290-MSD1)		**Source: 1100837-CA**			Prepared: 1/11/2012 Analyzed: 1/11/2012				
Lead	3.3	0.50	2.50	0.63	105	80 - 120	3.48	20	
Batch S2A0114 - B2A0291									
Instrument Blank (S2A0114-IBL1)					Prepared: 1/11/2012 Analyzed: 1/11/2012				
Lead	ND	0.50			NR				

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/11/2012

Notes and Definitions

R	RPD value outside acceptance criteria. Calculation is based on raw values.
M1	Matrix spike recovery outside of acceptance limit. The analytical batch was validated by the laboratory control sample.
ND	Analyte not detected at or above reporting limit
PQL	Practical Quantitation Limit
MDL	Method Detection Limit
NR	Not Reported
RPD	Relative Percent Difference

Diane Galvan

From: Luann Beadle [beadle@geoconinc.com]
Sent: Thursday, January 05, 2012 2:33 PM
To: Diane Galvan
Subject: TO-16 Lab Results: 1100809, 1100820, 1100821, 1100825, 1100828, 1100836, & 1100837

Hi Diane,

Following you will find a copy of Caltrans' requested additional WET analyses, organized by metal, then Lab Order Number. I know it is a little lengthy, so if you need extra help sorting, let me know. Please run them on an expedited TAT.

LEAD

File 1100809.xls
WET:

G382-0
G427-0
G508-0.5
G420-0
G378-0.5
G473-0
G489-1.5
G374-0.5
G418-0
G420-0.5
G372-0
G476-0
G471-0
G375-0.5
G426-0.5
G380-1.5
G477-1.5
G373-0.5
G473-0.5

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|G379-0.5     |
|-------------|
|G378-0       |
|-------------|
|G426-0       |
|-------------|
|G483-2.5     |
|-------------|
|G469-0       |
|-------------|
|G380-0.5     |
|-------------|
|G478-2.5     |
|-------------|
|G487-1.5     |
|-------------|
|G376-0       |
|-------------|
|G474-0       |
|-------------|
|G373-0       |
|-------------|
|G376-0.5     |
|-------------|
|G481-0       |
|-------------|
|G476-2.5     |
|-------------|
|G481-2.5     |
|-------------|
|G422-0       |
|-------------|
|G479-0       |
|-------------|
|G479-0.5     |
|-------------|
|G482-1.5     |
|-------------|
|G486-2.5     |
|-------------|
|G484-0       |
|-------------|
|G484-0.5     |
|-------------|
|G489-0       |
|-------------|
|G489-0.5     |
|-------------|
|G491-0       |
|-------------|
|G422-0.5     |
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TCLP:

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|G495-0       |
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File 1100820.xls
WET:
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|G512-1.5     |
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|G515-1.5     |
|-------------|
|G467-0.5     |
|-------------|
|G463-2.5     |
|-------------|
|G517-2.5     |
|-------------|
|G466-0.5     |
|-------------|
|G464-1.5     |
|-------------|
|G516-0.5     |
|-------------|
|G517-0.5     |
|-------------|
|G463-1.5     |
|-------------|
|G518-1.5     |
|-------------|
|G510-1.5     |
|-------------|
|G519-1.5     |
|-------------|
|G517-1.5     |
|-------------|
|G521-2.5     |
|-------------|


TCLP:
|-------------|
|G520-1.5     |
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File 1100821.xls
WET:
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|G507-1.5     |
|-------------|
|G244-0.5     |
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|G207-0.5     |
|-------------|
|G245-0.5     |
|-------------|
|G247-0       |
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|---|
G325-0.5
G229-0.5
G327-0
G326-0
G241-0
G225-0
G207-0
G206-0
G262-0.5
G259-0.5
G258-0.5
G224-0
G390-0.5
G325-0
G248-0.5
G205-0.5
G390-2.5
G366-.5
G247-0.5
G209-0
G387-1.5
G388-2.5
G239-0.5
G260-0.5
G242-0.5
G367-.5
G391-2.5
G255-0

G229-0
G208-0
G242-0
G387-.5
G259-0
G239-0
G241-0.5
G205-0
G263-0.5
G391-1.5
G251-0.5
G383-0
G252-0
G389-0.5

TCLP:

G258-0
G260-0
G263-0
G391-0.5
G386-0.5
G238-0
G251-0
G262-0
G324-0
G226-0.5
G385-0
G384-0
G388-0

G386-0
G261-0
G226-0
G388-.5
G254-0
G388-1.5
G390-0
G389-0
G387-0
G391-0

File 1100825.xls
WET:

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G275-0.5
G311-0.5
G269-0.5
G272-1.5
G285-0.5
G270-0.5
G308-2.5
G290-0.5
G279-0.5
G301-0.5
G269-1.5
G281-1.5
G284-0.5
G266-0.5

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|G304-0        |
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|G314-0.5      |
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|G280-0.5      |
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|G280-0        |
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|G300-0.5      |
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|G267-0.5      |
|--------------|
|G278-1.5      |
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|G277-0        |
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|G281-0        |
|--------------|
|G281-0.5      |
|--------------|
|G290-1.5      |
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|G296-0.5      |
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|G283-0        |
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|G287-0.5      |
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|G304-0.5      |
|--------------|
|G310-0        |
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|G264-0.5      |
|--------------|
|G298-0        |
|--------------|
|W-ALAM-C1-1.5 |
|--------------|
|G284-0        |
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|G294-0        |
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|G310-0.5      |
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|G313-0.5      |
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|G278-0        |
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|G287-0        |
|--------------|
|G266-1.5      |
|--------------|
|G282-0        |
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G274-0
G302-0
G312-0.5
G276-0
G296-0
G270-0
G271-0
G279-0
G266-0
G274-0.5
G286-0.5
G272-0
G286-0

TCLP:

G285-0
G264-0
G273-0
G267-0
G269-0
G293-0
G297-0
G275-0
W-ALAM-C1-0
G308-0.5
G268-0
G301-0
G290-0

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|G303-0        |
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|G311-0        |
|--------------|
|G300-0        |
|--------------|
|G314-0        |
|--------------|
|G307-0.5      |
|--------------|
|G305-0        |
|--------------|
|G306-0.5      |
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|G312-0        |
|--------------|
|G313-0        |
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File 1100828.xls
WET:

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|G11-0        |
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|G99-.5       |
|-------------|
|G9-.5        |
|-------------|
|G14-.5       |
|-------------|
|G101-.5      |
|-------------|
|G111-0       |
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|G150-0       |
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|G9-0         |
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|G10-0        |
|-------------|
|G12-0        |
|-------------|
|G13-.5       |
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|G107-0       |
|-------------|
|G148-.5      |
|-------------|
|G149-0       |
|-------------|
|G4-.5        |
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G3-.5
G140-0
G11-.5
G106-0
G115-0
G117-.5
G98-.5
G110-0
G139-.5
G145-.5
G116-.5
G28-.5
G97-.5
G115-.5
G29-.5
G98-0
G117-0
G150-.5
G138-.5
G29-0
G30-.5
G101-0
G146-0
G27-0
G31-.5
G28-0
G97-0
G120-0

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|G118-.5      |
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|G12-.5       |
|-------------|
|G119-.5      |
|-------------|
|G32-0        |
|-------------|
|G96-0        |
|-------------|
|G149-.5      |
|-------------|
|G116-0       |
|-------------|
|G119-0       |
|-------------|
|G2-.5        |
|-------------|
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TCLP:

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|-------------|
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|-------------|
|G6-0         |
|-------------|
|G136-0       |
|-------------|
|G99-0        |
|-------------|
|G135-0       |
|-------------|
|G30-0        |
|-------------|
|G5-0         |
|-------------|
|G96-.5       |
|-------------|
|G139-0       |
|-------------|
|G5-.5        |
|-------------|
|G2-0         |
|-------------|
|G3-0         |
|-------------|
```

File 1100836.xls

WET:

```
|-------------|
|G124-0       |
|-------------|
|G155-.5      |
|-------------|
|G158-0       |
```

G127-0
G172-0.5
G430-0
G127-.5
G157-0
G333-0
G178-0
G434-0
G156-0
G179-0
G320-0
G153-.5
G220-0
G154-.5
G235-0
G126-.5
G155-0
G321-0
G319-0
G317-0
G172-0
G232-0
G316-0
G124-.5
G236-0

TCLP:

G232-0.5

```
|G233-0       |
|-------------|
```

File 1100837.xls
WET:

```
|-------------|
|G66-1.5      |
|-------------|
|G74-2.5      |
|-------------|
|G66-0.5      |
|-------------|
|G69-1.5      |
|-------------|
|G71-0        |
|-------------|
|G79-0        |
|-------------|
|G63-1.5      |
|-------------|
|G59-0.5      |
|-------------|
|G77-0.5      |
|-------------|
|G57-1.5      |
|-------------|
|G63-2.5      |
|-------------|
|G65-0.5      |
|-------------|
|G62-1.5      |
|-------------|
|G54-0.5      |
|-------------|
|G63-0.5      |
|-------------|
|G56-0        |
|-------------|
|G66-0        |
|-------------|
|G63-0        |
|-------------|
|G61-1.5      |
|-------------|
|G75-0        |
|-------------|
|G75-1.5      |
|-------------|
|G68-0        |
|-------------|
|G55-1.5      |
|-------------|
|G72-0        |
|-------------|
|G58-1.5      |
```

|---|
G71-0.5
G70-1.5
G59-2.5
G66-2.5
G69-0
G70-0
G58-2.5
G65-2.5

TCLP:

|---|
G73-0
G64-0
G69-2.5
G61-0
G65-0
G76-0

CHROMIUM

File 1100809.xls
WET:

|---|
G426-0
G420-0
G424-0.5
G422-0
G422-0.5
G420-0.5
G420-1.5
G424-2.5

```
|-------------|
|G426-1.5     |
|-------------|
```

File 1100820.xls
WET:

```
|-------------|
|G463-0       |
|-------------|
|G519-1.5     |
|-------------|
```

File 1100821.xls
WET:

```
|-------------|
|G417-0       |
|-------------|
```

File 1100837.xls
WET:

```
|-------------|
|G71-1.5      |
|-------------|
```

NICKEL

File 1100809.xls
WET:

```
|-------------|
|G426-1.5     |
|-------------|
|G424-2.5     |
|-------------|
```

BARIUM

File 1100837.xls
WET:

```
|-------------|
|G49-0.5      |
|-------------|
```

MERCURY

File 1100837.xls
WET:

G15-0
G15-2.5
G72-1.5
G18-2.5
G18-0
G24-2.5
G22-0.5
G47-0
G33-0.5
G19-0
G40-0.5
G20-1.5
G47-0.5
G48-0.5
G23-0.5
G19-0.5
G33-1.5
G72-0.5
G73-1.5
G17-0

As always, thank you very much.
Luann

ADVANCED TECHNOLOGY LABORATORIES

January 17, 2012

ELAP No.: 1838
NELAP No.: 02107CA
CSDLAC No.: 10196
ORELAP No.: CA300003

Luann Beadle
Geocon Consultants, Inc.
6671 Brisa Street
Livermore, CA 94550
Tel: (925) 371-5900
Fax:(925) 371-5915

Re: ATL Work Order Number : 1100825
Client Reference : TO-16, E8560-06-16

Enclosed are the results for sample(s) received on December 29, 2011 by Advanced Technology Laboratories. The sample(s) are tested for the parameters as indicated on the enclosed chain of custody in accordance with applicable laboratory certifications. The laboratory results contained in this report specifically pertains to the sample(s) submitted.

Thank you for the opportunity to serve the needs of your company. If you have any questions, please feel free to contact me or your Project Manager.

Sincerely,

Eddie Rodriguez
Laboratory Director

The cover letter and the case narrative are an integral part of this analytical report and its absence renders the report invalid. The report cannot be reproduced without written permission from the client and Advanced Technology Laboratories.

3275 Walnut Avenue, Signal Hill, CA 90755 • Tel: 562-989-4045 • Fax: 562-989-4040
www.atlglobal.com

Geocon Consultants, Inc.	Project Number : TO-16, E8560-06-16
6671 Brisa Street	Report To : Luann Beadle
Livermore , CA 94550	Reported : 01/17/2012

SUMMARY OF SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
G264-0.5	1100825-02	Soil	12/28/11 8:40	12/29/11 9:40
G266-0	1100825-05	Soil	12/28/11 8:52	12/29/11 9:40
G266-1.5	1100825-07	Soil	12/28/11 8:52	12/29/11 9:40
G270-0	1100825-25	Soil	12/28/11 9:28	12/29/11 9:40
G271-0	1100825-29	Soil	12/28/11 9:35	12/29/11 9:40
G272-0	1100825-33	Soil	12/28/11 9:41	12/29/11 9:40
G274-0	1100825-41	Soil	12/28/11 9:52	12/29/11 9:40
G274-0.5	1100825-42	Soil	12/28/11 9:52	12/29/11 9:40
G276-0	1100825-49	Soil	12/28/11 10:04	12/29/11 9:40
G277-0	1100825-53	Soil	12/28/11 10:15	12/29/11 9:40
G278-0	1100825-57	Soil	12/28/11 10:21	12/29/11 9:40
G279-0	1100825-61	Soil	12/28/11 10:27	12/29/11 9:40
G280-0	1100825-65	Soil	12/28/11 10:32	12/29/11 9:40
G281-0	1100825-69	Soil	12/28/11 10:38	12/29/11 9:40
G282-0	1100825-73	Soil	12/28/11 10:43	12/29/11 9:40
G284-0	1100825-81	Soil	12/28/11 11:00	12/29/11 9:40
G286-0	1100825-89	Soil	12/28/11 11:11	12/29/11 9:40
G286-0.5	1100825-90	Soil	12/28/11 11:11	12/29/11 9:40
G287-0	1100825-93	Soil	12/28/11 11:16	12/29/11 9:40
G296-0	1100825-AV	Soil	12/28/11 11:59	12/29/11 9:40
G302-0	1100825-BT	Soil	12/28/11 12:49	12/29/11 9:40
G304-0	1100825-CB	Soil	12/28/11 12:59	12/29/11 9:40
G310-0	1100825-CZ	Soil	12/28/11 13:51	12/29/11 9:40
G310-0.5	1100825-DA	Soil	12/28/11 13:51	12/29/11 9:40
G312-0.5	1100825-DI	Soil	12/28/11 14:05	12/29/11 9:40
G313-0.5	1100825-DM	Soil	12/28/11 14:10	12/29/11 9:40

Geocon Consultants, Inc.	Project Number : TO-16, E8560-06-16
6671 Brisa Street	Report To : Luann Beadle
Livermore , CA 94550	Reported : 01/17/2012

STLC-DI Lead by AA (Direct Aspiration) EPA 7420

Analyte: Lead **Analyst: VV**

Laboratory ID	Client Sample ID	Result	Units	PQL	MDL	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1100825-02	G264-0.5	**ND**	mg/L	0.50	NA	1	B2A0366	01/14/2012	01/16/12 12:40	
1100825-05	G266-0	**ND**	mg/L	0.50	NA	1	B2A0366	01/14/2012	01/16/12 12:41	
1100825-07	G266-1.5	**ND**	mg/L	0.50	NA	1	B2A0366	01/14/2012	01/16/12 12:41	
1100825-25	G270-0	**ND**	mg/L	0.50	NA	1	B2A0366	01/14/2012	01/16/12 12:42	
1100825-29	G271-0	**ND**	mg/L	0.50	NA	1	B2A0366	01/14/2012	01/16/12 12:43	
1100825-33	G272-0	**ND**	mg/L	0.50	NA	1	B2A0366	01/14/2012	01/16/12 12:44	
1100825-41	G274-0	**ND**	mg/L	0.50	NA	1	B2A0366	01/14/2012	01/16/12 12:45	
1100825-42	G274-0.5	**ND**	mg/L	0.50	NA	1	B2A0366	01/14/2012	01/16/12 12:45	
1100825-49	G276-0	**ND**	mg/L	0.50	NA	1	B2A0366	01/14/2012	01/16/12 12:45	
1100825-53	G277-0	**ND**	mg/L	0.50	NA	1	B2A0366	01/14/2012	01/16/12 12:45	
1100825-57	G278-0	**ND**	mg/L	0.50	NA	1	B2A0366	01/14/2012	01/16/12 12:46	
1100825-61	G279-0	**ND**	mg/L	0.50	NA	1	B2A0366	01/14/2012	01/16/12 12:46	
1100825-65	G280-0	**ND**	mg/L	0.50	NA	1	B2A0366	01/14/2012	01/16/12 12:46	
1100825-69	G281-0	**ND**	mg/L	0.50	NA	1	B2A0367	01/14/2012	01/16/12 17:02	
1100825-73	G282-0	**ND**	mg/L	0.50	NA	1	B2A0367	01/14/2012	01/16/12 17:02	
1100825-81	G284-0	**ND**	mg/L	0.50	NA	1	B2A0367	01/14/2012	01/16/12 17:03	
1100825-89	G286-0	**ND**	mg/L	0.50	NA	1	B2A0367	01/14/2012	01/16/12 17:03	
1100825-90	G286-0.5	**ND**	mg/L	0.50	NA	1	B2A0367	01/14/2012	01/16/12 17:03	
1100825-93	G287-0	**ND**	mg/L	0.50	NA	1	B2A0367	01/14/2012	01/16/12 17:04	
1100825-AV	G296-0	**ND**	mg/L	0.50	NA	1	B2A0367	01/14/2012	01/16/12 17:04	
1100825-BT	G302-0	**ND**	mg/L	0.50	NA	1	B2A0367	01/14/2012	01/16/12 17:05	
1100825-CB	G304-0	**ND**	mg/L	0.50	NA	1	B2A0367	01/14/2012	01/16/12 17:05	
1100825-CZ	G310-0	**ND**	mg/L	0.50	NA	1	B2A0367	01/14/2012	01/16/12 17:06	
1100825-DA	G310-0.5	**ND**	mg/L	0.50	NA	1	B2A0367	01/14/2012	01/16/12 17:07	
1100825-DI	G312-0.5	**ND**	mg/L	0.50	NA	1	B2A0367	01/14/2012	01/16/12 17:08	
1100825-DM	G313-0.5	**ND**	mg/L	0.50	NA	1	B2A0367	01/14/2012	01/16/12 17:09	

Geocon Consultants, Inc.	Project Number : TO-16, E8560-06-16
6671 Brisa Street	Report To : Luann Beadle
Livermore , CA 94550	Reported : 01/17/2012

QUALITY CONTROL SECTION

STLC-DI Lead by AA (Direct Aspiration) EPA 7420 - Quality Control

Analyte	Result (mg/L)	PQL (mg/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0366 - STLC DI Extraction									
Blank (B2A0366-BLK1)					Prepared: 1/14/2012 Analyzed: 1/16/2012				
Lead	ND	0.50			NR				
Blank (B2A0366-BLK2)					Prepared: 1/14/2012 Analyzed: 1/16/2012				
Lead	ND	0.50			NR				
LCS (B2A0366-BS1)					Prepared: 1/14/2012 Analyzed: 1/16/2012				
Lead	5.0	0.05	5.00		100	80 - 120			
Duplicate (B2A0366-DUP1)		**Source: 1100825-07**			Prepared: 1/14/2012 Analyzed: 1/16/2012				
Lead	ND	0.50		ND	NR			20	
Duplicate (B2A0366-DUP2)		**Source: 1100825-65**			Prepared: 1/14/2012 Analyzed: 1/16/2012				
Lead	0.08	0.50		ND	NR			20	
Matrix Spike (B2A0366-MS1)		**Source: 1100825-07**			Prepared: 1/14/2012 Analyzed: 1/16/2012				
Lead	5.2	0.05	5.00	ND	103	80 - 120			
Matrix Spike (B2A0366-MS2)		**Source: 1100825-65**			Prepared: 1/14/2012 Analyzed: 1/16/2012				
Lead	5.1	0.05	5.00	ND	102	80 - 120			
Matrix Spike Dup (B2A0366-MSD1)		**Source: 1100825-07**			Prepared: 1/14/2012 Analyzed: 1/16/2012				
Lead	5.1	0.05	5.00	ND	101	80 - 120	1.75	20	
Batch B2A0367 - STLC DI Extraction									
Blank (B2A0367-BLK1)					Prepared: 1/14/2012 Analyzed: 1/16/2012				
Lead	ND	0.50			NR				
Blank (B2A0367-BLK2)					Prepared: 1/14/2012 Analyzed: 1/16/2012				
Lead	ND	0.50			NR				
LCS (B2A0367-BS1)					Prepared: 1/14/2012 Analyzed: 1/16/2012				
Lead	5.1	0.05	5.00		102	80 - 120			
Duplicate (B2A0367-DUP1)		**Source: 1100825-CZ**			Prepared: 1/14/2012 Analyzed: 1/16/2012				
Lead	0.06	0.50		ND	NR			20	
Duplicate (B2A0367-DUP2)		**Source: 1100828-38**			Prepared: 1/14/2012 Analyzed: 1/16/2012				
Lead	ND	0.50		ND	NR			20	
Matrix Spike (B2A0367-MS1)		**Source: 1100825-CZ**			Prepared: 1/14/2012 Analyzed: 1/16/2012				
Lead	5.1	0.05	5.00	ND	102	80 - 120			
Matrix Spike (B2A0367-MS2)		**Source: 1100828-38**			Prepared: 1/14/2012 Analyzed: 1/16/2012				
Lead	5.1	0.05	5.00	ND	101	80 - 120			

Geocon Consultants, Inc.	Project Number : TO-16, E8560-06-16
6671 Brisa Street	Report To : Luann Beadle
Livermore , CA 94550	Reported : 01/17/2012

STLC-DI Lead by AA (Direct Aspiration) EPA 7420 - Quality Control (cont'd)

Analyte	Result (mg/L)	PQL (mg/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0367 - STLC DI Extraction (continued)									
Matrix Spike Dup (B2A0367-MSD1)		**Source: 1100825-CZ**			Prepared: 1/14/2012 Analyzed: 1/16/2012				
Lead	5.2	0.05	5.00	ND	103	80 - 120	1.11	20	
Batch S2A0166 - B2A0385									
Instrument Blank (S2A0166-IBL1)					Prepared: 1/16/2012 Analyzed: 1/16/2012				
Lead	ND	0.50			NR				
Batch S2A0168 - B2A0372									
Instrument Blank (S2A0168-IBL1)					Prepared: 1/16/2012 Analyzed: 1/16/2012				
Lead	ND	0.50			NR				

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/17/2012

Notes and Definitions

R	RPD value outside acceptance criteria. Calculation is based on raw values.
ND	Analyte not detected at or above reporting limit
PQL	Practical Quantitation Limit
MDL	Method Detection Limit
NR	Not Reported
RPD	Relative Percent Difference

Diane Galvan

From: Luann Beadle [beadle@geoconinc.com]
Sent: Thursday, January 12, 2012 11:56 AM
To: Diane Galvan
Subject: Additional Results/EDD - TO-16 (1100825add1.xls)

Hi Diane,

Per Caltrans, please do the following on an expedited TAT,

Run DI-WET for the following:

Sample Name	Lab Sample ID	Analyte
G310-0.5	1100825-DA	Lead
G277-0	1100825-53	Lead
G280-0	1100825-65	Lead
G266-1.5	1100825-07	Lead
G264-0.5	1100825-02	Lead
G313-0.5	1100825-DM	Lead
G284-0	1100825-81	Lead
G296-0	1100825-AV	Lead
G310-0	1100825-CZ	Lead
G302-0	1100825-BT	Lead
G274-0.5	1100825-42	Lead
G276-0	1100825-49	Lead
G282-0	1100825-73	Lead
G274-0	1100825-41	Lead
G271-0	1100825-29	Lead
G272-0	1100825-33	Lead
G281-0	1100825-69	Lead
G286-0.5	1100825-90	Lead
G287-0	1100825-93	Lead
G266-0	1100825-05	Lead

G270-0	1100825-25	Lead
G286-0	1100825-89	Lead
G279-0	1100825-61	Lead
G312-0.5	1100825-DI	Lead
G304-0	1100825-CB	Lead
G278-0	1100825-57	Lead

Thank you,
Luann

ADVANCED TECHNOLOGY LABORATORIES

January 20, 2012

ELAP No.: 1838
NELAP No.: 02107CA
CSDLAC No.: 10196
ORELAP No.: CA300003

Luann Beadle
Geocon Consultants, Inc.
6671 Brisa Street
Livermore, CA 94550
Tel: (925) 371-5900
Fax:(925) 371-5915

Re: ATL Work Order Number : 1100825
Client Reference : TO-16, E8560-06-16

Enclosed are the results for sample(s) received on December 29, 2011 by Advanced Technology Laboratories. The sample(s) are tested for the parameters as indicated on the enclosed chain of custody in accordance with applicable laboratory certifications. The laboratory results contained in this report specifically pertains to the sample(s) submitted.

Thank you for the opportunity to serve the needs of your company. If you have any questions, please feel free to contact me or your Project Manager.

Sincerely,

Eddie Rodriguez
Laboratory Director

The cover letter and the case narrative are an integral part of this analytical report and its absence renders the report invalid. The report cannot be reproduced without written permission from the client and Advanced Technology Laboratories.

Geocon Consultants, Inc.	Project Number : TO-16, E8560-06-16
6671 Brisa Street	Report To : Luann Beadle
Livermore , CA 94550	Reported : 01/20/2012

SUMMARY OF SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
G264-0	1100825-01	Soil	12/28/11 8:40	12/29/11 9:40
G267-0	1100825-09	Soil	12/28/11 8:57	12/29/11 9:40
G268-0	1100825-13	Soil	12/28/11 9:02	12/29/11 9:40
W-ALAM-C1-0	1100825-17	Soil	12/28/11 9:15	12/29/11 9:40
G269-0	1100825-21	Soil	12/28/11 9:23	12/29/11 9:40
G273-0	1100825-37	Soil	12/28/11 9:45	12/29/11 9:40
G275-0	1100825-45	Soil	12/28/11 9:58	12/29/11 9:40
G285-0	1100825-85	Soil	12/28/11 11:06	12/29/11 9:40
G290-0	1100825-AB	Soil	12/28/11 11:32	12/29/11 9:40
G293-0	1100825-AJ	Soil	12/28/11 11:42	12/29/11 9:40
G297-0	1100825-AZ	Soil	12/28/11 12:04	12/29/11 9:40
G300-0	1100825-BL	Soil	12/28/11 12:37	12/29/11 9:40
G301-0	1100825-BP	Soil	12/28/11 12:42	12/29/11 9:40
G303-0	1100825-BX	Soil	12/28/11 12:54	12/29/11 9:40
G305-0	1100825-CF	Soil	12/28/11 13:05	12/29/11 9:40
G306-0.5	1100825-CK	Soil	12/28/11 13:10	12/29/11 9:40
G307-0.5	1100825-CO	Soil	12/28/11 13:22	12/29/11 9:40
G308-0.5	1100825-CS	Soil	12/28/11 13:35	12/29/11 9:40
G311-0	1100825-DD	Soil	12/28/11 13:57	12/29/11 9:40
G312-0	1100825-DH	Soil	12/28/11 14:05	12/29/11 9:40
G313-0	1100825-DL	Soil	12/28/11 14:10	12/29/11 9:40
G314-0	1100825-DP	Soil	12/28/11 14:15	12/29/11 9:40

Geocon Consultants, Inc.	Project Number : TO-16, E8560-06-16
6671 Brisa Street	Report To : Luann Beadle
Livermore , CA 94550	Reported : 01/20/2012

STLC Lead by AA (Direct Aspiration) by EPA 7420

Analyte: Lead **Analyst: VV**

Laboratory ID	Client Sample ID	Result	Units	PQL	MDL	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1100825-01	G264-0	**9.7**	mg/L	1.0	NA	2	B2A0461	01/18/2012	01/20/12 13:22	
1100825-09	G267-0	**20**	mg/L	2.5	NA	5	B2A0461	01/18/2012	01/20/12 13:23	
1100825-13	G268-0	**17**	mg/L	2.5	NA	5	B2A0461	01/18/2012	01/20/12 13:24	
1100825-17	W-ALAM-C1-0	**23**	mg/L	2.5	NA	5	B2A0461	01/18/2012	01/20/12 13:28	
1100825-21	G269-0	**17**	mg/L	2.5	NA	5	B2A0461	01/18/2012	01/20/12 13:32	
1100825-37	G273-0	**15**	mg/L	1.0	NA	2	B2A0461	01/18/2012	01/20/12 13:35	
1100825-45	G275-0	**16**	mg/L	1.0	NA	2	B2A0461	01/18/2012	01/20/12 13:37	
1100825-85	G285-0	**20**	mg/L	2.5	NA	5	B2A0461	01/18/2012	01/20/12 13:38	
1100825-AB	G290-0	**27**	mg/L	2.5	NA	5	B2A0461	01/18/2012	01/20/12 13:39	
1100825-AJ	G293-0	**27**	mg/L	2.5	NA	5	B2A0461	01/18/2012	01/20/12 13:41	
1100825-AZ	G297-0	**26**	mg/L	2.5	NA	5	B2A0461	01/18/2012	01/20/12 13:43	
1100825-BL	G300-0	**440**	mg/L	5.0	NA	10	B2A0461	01/18/2012	01/20/12 13:43	
1100825-BP	G301-0	**48**	mg/L	2.5	NA	5	B2A0461	01/18/2012	01/20/12 13:46	
1100825-BX	G303-0	**43**	mg/L	2.5	NA	5	B2A0461	01/18/2012	01/20/12 13:48	
1100825-CF	G305-0	**46**	mg/L	5.0	NA	10	B2A0461	01/18/2012	01/20/12 13:51	
1100825-CK	G306-0.5	**85**	mg/L	5.0	NA	10	B2A0462	01/18/2012	01/20/12 13:57	
1100825-CO	G307-0.5	**14**	mg/L	1.0	NA	2	B2A0462	01/18/2012	01/20/12 13:58	
1100825-CS	G308-0.5	**40**	mg/L	5.0	NA	10	B2A0462	01/18/2012	01/20/12 14:00	
1100825-DD	G311-0	**56**	mg/L	5.0	NA	10	B2A0462	01/18/2012	01/20/12 14:02	
1100825-DH	G312-0	**220**	mg/L	20	NA	40	B2A0462	01/18/2012	01/20/12 14:06	
1100825-DL	G313-0	**140**	mg/L	10	NA	20	B2A0462	01/18/2012	01/20/12 14:07	
1100825-DP	G314-0	**52**	mg/L	5.0	NA	10	B2A0462	01/18/2012	01/20/12 14:09	

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QUALITY CONTROL SECTION

STLC Lead by AA (Direct Aspiration) by EPA 7420 - Quality Control

Analyte	Result (mg/L)	PQL (mg/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0461 - STLC Extraction									
Blank (B2A0461-BLK1)					Prepared: 1/18/2012 Analyzed: 1/20/2012				
Lead	ND	0.50			NR				
Blank (B2A0461-BLK2)					Prepared: 1/18/2012 Analyzed: 1/20/2012				
Lead	ND	0.50			NR				
LCS (B2A0461-BS1)					Prepared: 1/18/2012 Analyzed: 1/20/2012				
Lead	5.2	0.05	5.00		104	80 - 120			
Matrix Spike (B2A0461-MS1)		**Source: 1100825-21**			Prepared: 1/18/2012 Analyzed: 1/20/2012				
Lead	22	0.25	5.00	17	96.1	80 - 120			
Matrix Spike (B2A0461-MS2)		**Source: 1100825-CF**			Prepared: 1/18/2012 Analyzed: 1/20/2012				
Lead	50	0.50	5.00	46	88.4	80 - 120			
Matrix Spike Dup (B2A0461-MSD1)		**Source: 1100825-21**			Prepared: 1/18/2012 Analyzed: 1/20/2012				
Lead	22	0.25	5.00	17	82.3	80 - 120	3.15	20	
Batch B2A0462 - STLC Extraction									
Blank (B2A0462-BLK1)					Prepared: 1/18/2012 Analyzed: 1/20/2012				
Lead	ND	0.50			NR				
Blank (B2A0462-BLK2)					Prepared: 1/18/2012 Analyzed: 1/20/2012				
Lead	ND	0.50			NR				
LCS (B2A0462-BS1)					Prepared: 1/18/2012 Analyzed: 1/20/2012				
Lead	4.9	0.05	5.00		98.3	80 - 120			
Duplicate (B2A0462-DUP1)		**Source: 1100828-33**			Prepared: 1/18/2012 Analyzed: 1/20/2012				
Lead	21	2.5		27	NR		27.3	20	R
Duplicate (B2A0462-DUP2)		**Source: 1100828-74**			Prepared: 1/18/2012 Analyzed: 1/20/2012				
Lead	13	1.0		14	NR		8.23	20	
Matrix Spike (B2A0462-MS1)		**Source: 1100828-33**			Prepared: 1/18/2012 Analyzed: 1/20/2012				
Lead	27	0.25	5.00	27	-12.8	80 - 120			M1
Matrix Spike (B2A0462-MS2)		**Source: 1100828-74**			Prepared: 1/18/2012 Analyzed: 1/20/2012				
Lead	19	0.10	5.00	14	103	80 - 120			
Matrix Spike Dup (B2A0462-MSD1)		**Source: 1100828-33**			Prepared: 1/18/2012 Analyzed: 1/20/2012				
Lead	27	0.25	5.00	27	-7.50	80 - 120	0.986	20	M1
Batch S2A0089 - B2A0196									
Instrument Blank (S2A0089-IBL1)					Prepared: 1/9/2012 Analyzed: 1/9/2012				

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STLC Lead by AA (Direct Aspiration) by EPA 7420 - Quality Control (cont'd)

Analyte	Result (mg/L)	PQL (mg/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch S2A0089 - B2A0196 (continued)									
Instrument Blank (S2A0089-IBL1) - Continued					Prepared: 1/9/2012 Analyzed: 1/9/2012				
Lead	ND	0.50			NR				
Batch S2A0236 - B2A0475									
Instrument Blank (S2A0236-IBL1)					Prepared: 1/20/2012 Analyzed: 1/20/2012				
Lead	ND	0.50			NR				

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Notes and Definitions

R	RPD value outside acceptance criteria. Calculation is based on raw values.
M1	Matrix spike recovery outside of acceptance limit. The analytical batch was validated by the laboratory control sample.
ND	Analyte not detected at or above reporting limit
PQL	Practical Quantitation Limit
MDL	Method Detection Limit
NR	Not Reported
RPD	Relative Percent Difference

Diane Galvan

From: Luann Beadle [beadle@geoconinc.com]
Sent: Tuesday, January 17, 2012 3:55 PM
To: Diane Galvan
Subject: TO-16 Lab Results: 1100809, 1100820, 1100821, 1100825, 1100828, 1100836, & 1100837 Spreadsheets - Run Soluble Metals

Hello Diane,
Per Caltrans, please run the following analyses on an expedited TAT.
Thank you,
Luann

Please run WETs for the samples below.

Sample Name - Lab Sample ID - Analyte

FILE 1100809.xls

G495-0	1100809-GN	Lead

FILE 1100820.xls

G520-1.5	1100820-67	Lead

FILE 1100821.xls

G258-0	1100821-72	Lead
G260-0	1100821-76	Lead
G263-0	1100821-82	Lead
G391-0.5	1100821-33	Lead
G386-0.5	1100821-37	Lead
G238-0	1100821-98	Lead
G251-0	1100821-86	Lead
G262-0	1100821-80	Lead
G324-0	1100821-BW	Lead
G226-0.5	1100821-AZ	Lead
G385-0	1100821-68	Lead
G384-0	1100821-64	Lead
G388-0	1100821-56	Lead

G386-0	1100821-36	Lead
G261-0	1100821-78	Lead
G226-0	1100821-AY	Lead
G388-.5	1100821-57	Lead
G254-0	1100821-92	Lead
G388-1.5	1100821-58	Lead
G390-0	1100821-28	Lead
G389-0	1100821-24	Lead
G387-0	1100821-52	Lead
G391-0	1100821-32	Lead

FILE 1100825.xls

G285-0	1100825-85	Lead
G264-0	1100825-01	Lead
G273-0	1100825-37	Lead
G267-0	1100825-09	Lead
G269-0	1100825-21	Lead
G293-0	1100825-AJ	Lead
G297-0	1100825-AZ	Lead
G275-0	1100825-45	Lead
W-ALAM-C1-0	1100825-17	Lead
G308-0.5	1100825-CS	Lead
G268-0	1100825-13	Lead
G301-0	1100825-BP	Lead
G290-0	1100825-AB	Lead
G303-0	1100825-BX	Lead
G311-0	1100825-DD	Lead
G300-0	1100825-BL	Lead

G314-0	1100825-DP	Lead
G307-0.5	1100825-CO	Lead
G305-0	1100825-CF	Lead
G306-0.5	1100825-CK	Lead
G312-0	1100825-DH	Lead
G313-0	1100825-DL	Lead

FILE 1100828.xls

G27-.5	1100828-74	Lead
G6-0	1100828-71	Lead
G136-0	1100828-27	Lead
G99-0	1100828-AP	Lead
G135-0	1100828-25	Lead
G30-0	1100828-79	Lead
G5-0	1100828-69	Lead
G96-.5	1100828-AK	Lead
G139-0	1100828-33	Lead
G5-.5	1100828-70	Lead
G2-0	1100828-63	Lead
G3-0	1100828-65	Lead

FILE 1100836.xls

G232-0.5	1100836-52	Lead
G233-0	1100836-53	Lead

FILE 1100837.xls

G73-0	1100837-CN	Lead
G64-0	1100837-BH	Lead

```
|G69-2.5      |1100837-CA |Lead                |
|-------------+-----------+-------------------|
|G61-0        |1100837-AV |Lead                |
|-------------+-----------+-------------------|
|G65-0        |1100837-BL |Lead                |
|-------------+-----------+-------------------|
|G76-0        |1100837-CZ |Lead                |
|-------------+-----------+-------------------|
```

ADVANCED TECHNOLOGY LABORATORIES

January 03, 2012

ELAP No.: 1838
NELAP No.: 02107CA
CSDLAC No.: 10196
ORELAP No.: CA300003

Luann Beadle
Geocon Consultants, Inc.
6671 Brisa Street
Livermore, CA 94550
Tel: (925) 371-5900
Fax:(925) 371-5915

Re: ATL Work Order Number : 1100828

Client Reference : TO-16, E8560-06-16

Enclosed are the results for sample(s) received on December 29, 2011 by Advanced Technology Laboratories. The sample(s) are tested for the parameters as indicated on the enclosed chain of custody in accordance with applicable laboratory certifications. The laboratory results contained in this report specifically pertains to the sample(s) submitted.

Thank you for the opportunity to serve the needs of your company. If you have any questions, please feel free to contact me or your Project Manager.

Sincerely,

Eddie Rodriguez
Laboratory Director

The cover letter and the case narrative are an integral part of this analytical report and its absence renders the report invalid. The report cannot be reproduced without written permission from the client and Advanced Technology Laboratories.

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6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/03/2012

SUMMARY OF SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
G160-0	1100828-01	Soil	12/28/11 8:25	12/29/11 9:40
G160-.5	1100828-02	Soil	12/28/11 8:25	12/29/11 9:40
G161-0	1100828-03	Soil	12/28/11 8:30	12/29/11 9:40
G161-.5	1100828-04	Soil	12/28/11 8:30	12/29/11 9:40
G162-0	1100828-05	Soil	12/28/11 8:35	12/29/11 9:40
G162-.5	1100828-06	Soil	12/28/11 8:35	12/29/11 9:40
G163-0	1100828-07	Soil	12/28/11 8:24	12/29/11 9:40
G163-.5	1100828-08	Soil	12/28/11 8:24	12/29/11 9:40
G164-0	1100828-09	Soil	12/28/11 8:27	12/29/11 9:40
G164-.5	1100828-10	Soil	12/28/11 8:27	12/29/11 9:40
G165-0	1100828-11	Soil	12/28/11 8:31	12/29/11 9:40
G165-.5	1100828-12	Soil	12/28/11 8:31	12/29/11 9:40
G145-0	1100828-13	Soil	12/28/11 9:05	12/29/11 9:40
G145-.5	1100828-14	Soil	12/28/11 9:05	12/29/11 9:40
G146-0	1100828-15	Soil	12/28/11 9:10	12/29/11 9:40
G146-.5	1100828-16	Soil	12/28/11 9:10	12/29/11 9:40
G147-0	1100828-17	Soil	12/28/11 9:15	12/29/11 9:40
G147-.5	1100828-18	Soil	12/28/11 9:15	12/29/11 9:40
G148-0	1100828-19	Soil	12/28/11 9:01	12/29/11 9:40
G148-.5	1100828-20	Soil	12/28/11 9:01	12/29/11 9:40
G149-0	1100828-21	Soil	12/28/11 9:04	12/29/11 9:40
G149-.5	1100828-22	Soil	12/28/11 9:04	12/29/11 9:40
G150-0	1100828-23	Soil	12/28/11 9:08	12/29/11 9:40
G150-.5	1100828-24	Soil	12/28/11 9:08	12/29/11 9:40
G135-0	1100828-25	Soil	12/28/11 9:40	12/29/11 9:40
G135-.5	1100828-26	Soil	12/28/11 9:40	12/29/11 9:40
G136-0	1100828-27	Soil	12/28/11 9:45	12/29/11 9:40
G136-.5	1100828-28	Soil	12/28/11 9:45	12/29/11 9:40
G137-0	1100828-29	Soil	12/28/11 9:50	12/29/11 9:40
G137-.5	1100828-30	Soil	12/28/11 9:50	12/29/11 9:40
G138-0	1100828-31	Soil	12/28/11 9:37	12/29/11 9:40
G138-.5	1100828-32	Soil	12/28/11 9:37	12/29/11 9:40
G139-0	1100828-33	Soil	12/28/11 9:41	12/29/11 9:40
G139-.5	1100828-34	Soil	12/28/11 9:41	12/29/11 9:40
G140-0	1100828-35	Soil	12/28/11 9:44	12/29/11 9:40

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G140-.5	1100828-36	Soil	12/28/11	9:44	12/29/11	9:40
G115-0	1100828-37	Soil	12/28/11	10:15	12/29/11	9:40
G115-.5	1100828-38	Soil	12/28/11	10:15	12/29/11	9:40
G116-0	1100828-39	Soil	12/28/11	10:20	12/29/11	9:40
G116-.5	1100828-40	Soil	12/28/11	10:20	12/29/11	9:40
G117-0	1100828-41	Soil	12/28/11	10:25	12/29/11	9:40
G117-.5	1100828-42	Soil	12/28/11	10:25	12/29/11	9:40
G118-0	1100828-43	Soil	12/28/11	10:14	12/29/11	9:40
G118-.5	1100828-44	Soil	12/28/11	10:14	12/29/11	9:40
G119-0	1100828-45	Soil	12/28/11	10:17	12/29/11	9:40
G119-.5	1100828-46	Soil	12/28/11	10:17	12/29/11	9:40
G120-0	1100828-47	Soil	12/28/11	10:19	12/29/11	9:40
G120-.5	1100828-48	Soil	12/28/11	10:19	12/29/11	9:40
G9-0	1100828-49	Soil	12/28/11	11:25	12/29/11	9:40
G9-.5	1100828-50	Soil	12/28/11	11:25	12/29/11	9:40
G10-0	1100828-51	Soil	12/28/11	11:30	12/29/11	9:40
G10-.5	1100828-52	Soil	12/28/11	11:30	12/29/11	9:40
G11-0	1100828-53	Soil	12/28/11	11:35	12/29/11	9:40
G11-.5	1100828-54	Soil	12/28/11	11:35	12/29/11	9:40
G12-0	1100828-55	Soil	12/28/11	11:21	12/29/11	9:40
G12-.5	1100828-56	Soil	12/28/11	11:21	12/29/11	9:40
G13-0	1100828-57	Soil	12/28/11	11:24	12/29/11	9:40
G13-.5	1100828-58	Soil	12/28/11	11:24	12/29/11	9:40
G14-0	1100828-59	Soil	12/28/11	11:28	12/29/11	9:40
G14-.5	1100828-60	Soil	12/28/11	11:28	12/29/11	9:40
G1-0	1100828-61	Soil	12/28/11	12:20	12/29/11	9:40
G1-.5	1100828-62	Soil	12/28/11	12:20	12/29/11	9:40
G2-0	1100828-63	Soil	12/28/11	12:14	12/29/11	9:40
G2-.5	1100828-64	Soil	12/28/11	12:14	12/29/11	9:40
G3-0	1100828-65	Soil	12/28/11	12:17	12/29/11	9:40
G3-.5	1100828-66	Soil	12/28/11	12:17	12/29/11	9:40
G4-0	1100828-67	Soil	12/28/11	12:25	12/29/11	9:40
G4-.5	1100828-68	Soil	12/28/11	12:25	12/29/11	9:40
G5-0	1100828-69	Soil	12/28/11	12:30	12/29/11	9:40
G5-.5	1100828-70	Soil	12/28/11	12:30	12/29/11	9:40
G6-0	1100828-71	Soil	12/28/11	12:21	12/29/11	9:40
G6-.5	1100828-72	Soil	12/28/11	12:21	12/29/11	9:40
G27-0	1100828-73	Soil	12/28/11	12:41	12/29/11	9:40
G27-.5	1100828-74	Soil	12/28/11	12:41	12/29/11	9:40

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G28-0	1100828-75	Soil	12/28/11 12:44	12/29/11 9:40
G28-.5	1100828-76	Soil	12/28/11 12:44	12/29/11 9:40
G29-0	1100828-77	Soil	12/28/11 12:47	12/29/11 9:40
G29-.5	1100828-78	Soil	12/28/11 12:47	12/29/11 9:40
G30-0	1100828-79	Soil	12/28/11 12:45	12/29/11 9:40
G30-.5	1100828-80	Soil	12/28/11 12:45	12/29/11 9:40
G31-0	1100828-81	Soil	12/28/11 12:50	12/29/11 9:40
G31-.5	1100828-82	Soil	12/28/11 12:50	12/29/11 9:40
G32-0	1100828-83	Soil	12/28/11 12:55	12/29/11 9:40
G32-.5	1100828-84	Soil	12/28/11 12:55	12/29/11 9:40
G108-0	1100828-85	Soil	12/28/11 13:07	12/29/11 9:40
G108-.5	1100828-86	Soil	12/28/11 13:07	12/29/11 9:40
G109-0	1100828-87	Soil	12/28/11 13:09	12/29/11 9:40
G109-.5	1100828-88	Soil	12/28/11 13:09	12/29/11 9:40
G110-0	1100828-89	Soil	12/28/11 13:14	12/29/11 9:40
G110-.5	1100828-90	Soil	12/28/11 13:14	12/29/11 9:40
G111-0	1100828-91	Soil	12/28/11 13:15	12/29/11 9:40
G111-.5	1100828-92	Soil	12/28/11 13:15	12/29/11 9:40
G112-0	1100828-93	Soil	12/28/11 13:17	12/29/11 9:40
G112-.5	1100828-94	Soil	12/28/11 13:17	12/29/11 9:40
G113-0	1100828-95	Soil	12/28/11 13:20	12/29/11 9:40
G113-.5	1100828-96	Soil	12/28/11 13:20	12/29/11 9:40
G102-0	1100828-97	Soil	12/28/11 13:45	12/29/11 9:40
G102-.5	1100828-98	Soil	12/28/11 13:45	12/29/11 9:40
G103-0	1100828-99	Soil	12/28/11 13:50	12/29/11 9:40
G103-.5	1100828-AA	Soil	12/28/11 13:50	12/29/11 9:40
G104-0	1100828-AB	Soil	12/28/11 13:55	12/29/11 9:40
G104-.5	1100828-AC	Soil	12/28/11 13:55	12/29/11 9:40
G105-0	1100828-AD	Soil	12/28/11 13:44	12/29/11 9:40
G105-.5	1100828-AE	Soil	12/28/11 13:44	12/29/11 9:40
G106-0	1100828-AF	Soil	12/28/11 13:47	12/29/11 9:40
G106-.5	1100828-AG	Soil	12/28/11 13:47	12/29/11 9:40
G107-0	1100828-AH	Soil	12/28/11 13:51	12/29/11 9:40
G107-.5	1100828-AI	Soil	12/28/11 13:51	12/29/11 9:40
G96-0	1100828-AJ	Soil	12/28/11 14:17	12/29/11 9:40
G96-.5	1100828-AK	Soil	12/28/11 14:17	12/29/11 9:40
G97-0	1100828-AL	Soil	12/28/11 14:21	12/29/11 9:40
G97-.5	1100828-AM	Soil	12/28/11 14:21	12/29/11 9:40
G98-0	1100828-AN	Soil	12/28/11 14:27	12/29/11 9:40

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
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G98-.5	1100828-AO	Soil	12/28/11 14:27	12/29/11 9:40
G99-0	1100828-AP	Soil	12/28/11 14:15	12/29/11 9:40
G99-.5	1100828-AQ	Soil	12/28/11 14:15	12/29/11 9:40
G100-0	1100828-AR	Soil	12/28/11 14:20	12/29/11 9:40
G100-.5	1100828-AS	Soil	12/28/11 14:20	12/29/11 9:40
G101-0	1100828-AT	Soil	12/28/11 14:25	12/29/11 9:40
G101-.5	1100828-AU	Soil	12/28/11 14:25	12/29/11 9:40

Geocon Consultants, Inc.	Project Number : TO-16, E8560-06-16
6671 Brisa Street	Report To : Luann Beadle
Livermore , CA 94550	Reported : 01/03/2012

Lead by ICP-AES EPA 6010B Analyte: Lead Analyst: KK

Laboratory ID	Client Sample ID	Result	Units	PQL	MDL	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1100828-01	G160-0	**11**	(mg/kg)	1.0	NA	1	B1L0983	12/29/2011	12/30/11 18:15	
1100828-02	G160-.5	**33**	(mg/kg)	1.0	NA	1	B1L0983	12/29/2011	12/30/11 18:16	
1100828-03	G161-0	**13**	(mg/kg)	1.0	NA	1	B1L0983	12/29/2011	12/30/11 18:17	
1100828-04	G161-.5	**7.4**	(mg/kg)	1.0	NA	1	B1L0983	12/29/2011	12/30/11 18:17	
1100828-05	G162-0	**4.2**	(mg/kg)	1.0	NA	1	B1L1007	12/30/2011	01/02/12 16:34	
1100828-06	G162-.5	**4.4**	(mg/kg)	1.0	NA	1	B1L1007	12/30/2011	01/02/12 16:35	
1100828-07	G163-0	**5.9**	(mg/kg)	1.0	NA	1	B1L1007	12/30/2011	01/02/12 16:37	
1100828-08	G163-.5	**18**	(mg/kg)	1.0	NA	1	B1L1007	12/30/2011	01/02/12 16:38	
1100828-09	G164-0	**11**	(mg/kg)	1.0	NA	1	B1L1007	12/30/2011	01/02/12 16:38	
1100828-10	G164-.5	**17**	(mg/kg)	1.0	NA	1	B1L1007	12/30/2011	01/02/12 16:39	
1100828-11	G165-0	**11**	(mg/kg)	1.0	NA	1	B1L1007	12/30/2011	01/02/12 16:40	
1100828-12	G165-.5	**30**	(mg/kg)	1.0	NA	1	B1L1007	12/30/2011	01/02/12 16:43	
1100828-13	G145-0	**15**	(mg/kg)	1.0	NA	1	B1L1007	12/30/2011	01/02/12 16:43	
1100828-14	G145-.5	**110**	(mg/kg)	1.0	NA	1	B1L1007	12/30/2011	01/02/12 16:44	
1100828-15	G146-0	**210**	(mg/kg)	1.0	NA	1	B1L1007	12/30/2011	01/02/12 16:45	
1100828-16	G146-.5	**12**	(mg/kg)	1.0	NA	1	B1L1007	12/30/2011	01/02/12 16:46	
1100828-17	G147-0	**33**	(mg/kg)	1.0	NA	1	B1L1008	12/30/2011	01/02/12 16:54	
1100828-18	G147-.5	**9.4**	(mg/kg)	1.0	NA	1	B1L1008	12/30/2011	01/02/12 16:55	
1100828-19	G148-0	**3.0**	(mg/kg)	1.0	NA	1	B1L1008	12/30/2011	01/02/12 16:56	
1100828-20	G148-.5	**69**	(mg/kg)	1.0	NA	1	B1L1008	12/30/2011	01/02/12 16:56	
1100828-21	G149-0	**70**	(mg/kg)	1.0	NA	1	B1L1008	12/30/2011	01/02/12 16:57	
1100828-22	G149-.5	**280**	(mg/kg)	1.0	NA	1	B1L1008	12/30/2011	01/02/12 16:58	
1100828-23	G150-0	**61**	(mg/kg)	1.0	NA	1	B1L1008	12/30/2011	01/02/12 16:59	
1100828-24	G150-.5	**170**	(mg/kg)	1.0	NA	1	B1L1008	12/30/2011	01/02/12 16:59	
1100828-25	G135-0	**380**	(mg/kg)	1.0	NA	1	B1L1008	12/30/2011	01/02/12 17:00	
1100828-26	G135-.5	**9.4**	(mg/kg)	1.0	NA	1	B1L1008	12/30/2011	01/02/12 17:03	
1100828-27	G136-0	**350**	(mg/kg)	1.0	NA	1	B1L1008	12/30/2011	01/02/12 17:05	

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1100828-28	G136-.5	**25**	(mg/kg)	1.0	NA	1	B1L1008	12/30/2011	01/02/12 17:06
1100828-29	G137-0	**38**	(mg/kg)	1.0	NA	1	B1L1008	12/30/2011	01/02/12 17:07
1100828-30	G137-.5	**2.6**	(mg/kg)	1.0	NA	1	B1L1008	12/30/2011	01/02/12 17:07
1100828-31	G138-0	**3.7**	(mg/kg)	1.0	NA	1	B1L1008	12/30/2011	01/02/12 17:08
1100828-32	G138-.5	**170**	(mg/kg)	1.0	NA	1	B1L1008	12/30/2011	01/02/12 17:09
1100828-33	G139-0	**680**	(mg/kg)	1.0	NA	1	B1L1008	12/30/2011	01/02/12 17:10
1100828-34	G139-.5	**100**	(mg/kg)	1.0	NA	1	B1L1008	12/30/2011	01/02/12 17:12
1100828-35	G140-0	**79**	(mg/kg)	1.0	NA	1	B1L1008	12/30/2011	01/02/12 17:13
1100828-36	G140-.5	**33**	(mg/kg)	1.0	NA	1	B1L1008	12/30/2011	01/02/12 17:14
1100828-37	G115-0	**82**	(mg/kg)	1.0	NA	1	B1L1009	12/30/2011	01/02/12 17:19
1100828-38	G115-.5	**140**	(mg/kg)	1.0	NA	1	B1L1009	12/30/2011	01/02/12 17:22
1100828-39	G116-0	**280**	(mg/kg)	1.0	NA	1	B1L1009	12/30/2011	01/02/12 17:23
1100828-40	G116-.5	**130**	(mg/kg)	1.0	NA	1	B1L1009	12/30/2011	01/02/12 17:23
1100828-41	G117-0	**160**	(mg/kg)	1.0	NA	1	B1L1009	12/30/2011	01/02/12 17:24
1100828-42	G117-.5	**85**	(mg/kg)	1.0	NA	1	B1L1009	12/30/2011	01/02/12 17:25
1100828-43	G118-0	**27**	(mg/kg)	1.0	NA	1	B1L1009	12/30/2011	01/02/12 17:26
1100828-44	G118-.5	**260**	(mg/kg)	1.0	NA	1	B1L1009	12/30/2011	01/02/12 17:27
1100828-45	G119-0	**290**	(mg/kg)	1.0	NA	1	B1L1009	12/30/2011	01/02/12 17:27
1100828-46	G119-.5	**270**	(mg/kg)	1.0	NA	1	B1L1009	12/30/2011	01/02/12 17:28
1100828-47	G120-0	**240**	(mg/kg)	1.0	NA	1	B1L1009	12/30/2011	01/02/12 17:32
1100828-48	G120-.5	**18**	(mg/kg)	1.0	NA	1	B1L1009	12/30/2011	01/02/12 17:33
1100828-49	G9-0	**61**	(mg/kg)	1.0	NA	1	B1L1009	12/30/2011	01/02/12 17:34
1100828-50	G9-.5	**55**	(mg/kg)	1.0	NA	1	B1L1009	12/30/2011	01/02/12 17:35
1100828-51	G10-0	**61**	(mg/kg)	1.0	NA	1	B1L1009	12/30/2011	01/02/12 17:35
1100828-52	G10-.5	**44**	(mg/kg)	1.0	NA	1	B1L1009	12/30/2011	01/02/12 17:36
1100828-53	G11-0	**53**	(mg/kg)	1.0	NA	1	B1L1009	12/30/2011	01/02/12 17:37
1100828-54	G11-.5	**79**	(mg/kg)	1.0	NA	1	B1L1009	12/30/2011	01/02/12 17:38
1100828-55	G12-0	**63**	(mg/kg)	1.0	NA	1	B1L1009	12/30/2011	01/02/12 17:38
1100828-56	G12-.5	**260**	(mg/kg)	1.0	NA	1	B1L1009	12/30/2011	01/02/12 17:41
1100828-57	G13-0	**51**	(mg/kg)	1.0	NA	1	B1L1010	12/30/2011	01/02/12 17:46

1100828-58	G13-.5	**67**	(mg/kg)	1.0	NA	1	B1L1010	12/30/2011	01/02/12 17:47
1100828-59	G14-0	**38**	(mg/kg)	1.0	NA	1	B1L1010	12/30/2011	01/02/12 17:48
1100828-60	G14-.5	**56**	(mg/kg)	1.0	NA	1	B1L1010	12/30/2011	01/02/12 17:51
1100828-61	G1-0	**11**	(mg/kg)	1.0	NA	1	B1L1010	12/30/2011	01/02/12 17:51
1100828-62	G1-.5	**23**	(mg/kg)	1.0	NA	1	B1L1010	12/30/2011	01/02/12 17:52
1100828-63	G2-0	**2200**	(mg/kg)	1.0	NA	1	B1L1010	12/30/2011	01/02/12 17:53
1100828-64	G2-.5	**290**	(mg/kg)	1.0	NA	1	B1L1010	12/30/2011	01/02/12 17:54
1100828-65	G3-0	**3100**	(mg/kg)	1.0	NA	1	B1L1010	12/30/2011	01/02/12 17:55
1100828-66	G3-.5	**74**	(mg/kg)	1.0	NA	1	B1L1010	12/30/2011	01/02/12 17:56
1100828-67	G4-0	**16**	(mg/kg)	1.0	NA	1	B1L1010	12/30/2011	01/02/12 17:58
1100828-68	G4-.5	**73**	(mg/kg)	1.0	NA	1	B1L1010	12/30/2011	01/02/12 18:01
1100828-69	G5-0	**460**	(mg/kg)	1.0	NA	1	B1L1010	12/30/2011	01/02/12 18:01
1100828-70	G5-.5	**720**	(mg/kg)	1.0	NA	1	B1L1010	12/30/2011	01/02/12 18:02
1100828-71	G6-0	**340**	(mg/kg)	1.0	NA	1	B1L1010	12/30/2011	01/02/12 18:03
1100828-72	G6-.5	**43**	(mg/kg)	1.0	NA	1	B1L1010	12/30/2011	01/02/12 18:04
1100828-73	G27-0	**210**	(mg/kg)	1.0	NA	1	B1L1010	12/30/2011	01/02/12 18:04
1100828-74	G27-.5	**320**	(mg/kg)	1.0	NA	1	B1L1010	12/30/2011	01/02/12 18:05
1100828-75	G28-0	**220**	(mg/kg)	1.0	NA	1	B1L1010	12/30/2011	01/02/12 18:06
1100828-76	G28-.5	**130**	(mg/kg)	1.0	NA	1	B1L1010	12/30/2011	01/02/12 18:07
1100828-77	G29-0	**170**	(mg/kg)	1.0	NA	1	B1L1011	12/30/2011	01/02/12 18:15
1100828-78	G29-.5	**140**	(mg/kg)	1.0	NA	1	B1L1011	12/30/2011	01/02/12 18:16
1100828-79	G30-0	**430**	(mg/kg)	1.0	NA	1	B1L1011	12/30/2011	01/02/12 18:17
1100828-80	G30-.5	**200**	(mg/kg)	1.0	NA	1	B1L1011	12/30/2011	01/02/12 18:17
1100828-81	G31-0	**18**	(mg/kg)	1.0	NA	1	B1L1011	12/30/2011	01/02/12 18:18
1100828-82	G31-.5	**210**	(mg/kg)	1.0	NA	1	B1L1011	12/30/2011	01/02/12 18:21
1100828-83	G32-0	**270**	(mg/kg)	1.0	NA	1	B1L1011	12/30/2011	01/02/12 18:22
1100828-84	G32-.5	**41**	(mg/kg)	1.0	NA	1	B1L1011	12/30/2011	01/02/12 18:22
1100828-85	G108-0	**21**	(mg/kg)	1.0	NA	1	B1L1011	12/30/2011	01/02/12 18:23
1100828-86	G108-.5	**7.1**	(mg/kg)	1.0	NA	1	B1L1011	12/30/2011	01/02/12 18:24
1100828-87	G109-0	**32**	(mg/kg)	1.0	NA	1	B1L1011	12/30/2011	01/02/12 18:26

1100828-88	G109-.5	**20**	(mg/kg)	1.0	NA	1	B1L1011	12/30/2011	01/02/12 18:27
1100828-89	G110-0	**95**	(mg/kg)	1.0	NA	1	B1L1011	12/30/2011	01/02/12 18:28
1100828-90	G110-.5	**35**	(mg/kg)	1.0	NA	1	B1L1011	12/30/2011	01/02/12 18:30
1100828-91	G111-0	**59**	(mg/kg)	1.0	NA	1	B1L1011	12/30/2011	01/02/12 18:31
1100828-92	G111-.5	**17**	(mg/kg)	1.0	NA	1	B1L1011	12/30/2011	01/02/12 18:32
1100828-93	G112-0	**22**	(mg/kg)	1.0	NA	1	B1L1011	12/30/2011	01/02/12 18:33
1100828-94	G112-.5	**16**	(mg/kg)	1.0	NA	1	B1L1011	12/30/2011	01/02/12 18:33
1100828-95	G113-0	**15**	(mg/kg)	1.0	NA	1	B1L1011	12/30/2011	01/02/12 18:34
1100828-96	G113-.5	**16**	(mg/kg)	1.0	NA	1	B1L1011	12/30/2011	01/02/12 18:35
1100828-97	G102-0	**23**	(mg/kg)	1.0	NA	1	B1L1012	12/30/2011	01/02/12 18:43
1100828-98	G102-.5	**12**	(mg/kg)	1.0	NA	1	B1L1012	12/30/2011	01/02/12 18:44
1100828-99	G103-0	**27**	(mg/kg)	1.0	NA	1	B1L1012	12/30/2011	01/02/12 18:45
1100828-AA	G103-.5	**26**	(mg/kg)	1.0	NA	1	B1L1012	12/30/2011	01/02/12 18:45
1100828-AB	G104-0	**23**	(mg/kg)	1.0	NA	1	B1L1012	12/30/2011	01/02/12 18:46
1100828-AC	G104-.5	**8.7**	(mg/kg)	1.0	NA	1	B1L1012	12/30/2011	01/02/12 18:47
1100828-AD	G105-0	**42**	(mg/kg)	1.0	NA	1	B1L1012	12/30/2011	01/02/12 18:48
1100828-AE	G105-.5	**51**	(mg/kg)	1.0	NA	1	B1L1012	12/30/2011	01/02/12 18:50
1100828-AF	G106-0	**81**	(mg/kg)	1.0	NA	1	B1L1012	12/30/2011	01/02/12 18:51
1100828-AG	G106-.5	**23**	(mg/kg)	1.0	NA	1	B1L1012	12/30/2011	01/02/12 18:52
1100828-AH	G107-0	**68**	(mg/kg)	1.0	NA	1	B1L1012	12/30/2011	01/02/12 18:54
1100828-AI	G107-.5	**28**	(mg/kg)	1.0	NA	1	B1L1012	12/30/2011	01/02/12 18:55
1100828-AJ	G96-0	**270**	(mg/kg)	1.0	NA	1	B1L1012	12/30/2011	01/02/12 18:56
1100828-AK	G96-.5	**670**	(mg/kg)	1.0	NA	1	B1L1012	12/30/2011	01/02/12 18:56
1100828-AL	G97-0	**220**	(mg/kg)	1.0	NA	1	B1L1012	12/30/2011	01/02/12 18:57
1100828-AM	G97-.5	**130**	(mg/kg)	1.0	NA	1	B1L1012	12/30/2011	01/02/12 19:00
1100828-AN	G98-0	**150**	(mg/kg)	1.0	NA	1	B1L1012	12/30/2011	01/02/12 19:01
1100828-AO	G98-.5	**86**	(mg/kg)	1.0	NA	1	B1L1012	12/30/2011	01/02/12 19:01
1100828-AP	G99-0	**370**	(mg/kg)	1.0	NA	1	B1L1012	12/30/2011	01/02/12 19:02
1100828-AQ	G99-.5	**54**	(mg/kg)	1.0	NA	1	B1L1012	12/30/2011	01/02/12 19:03
1100828-AR	G100-0	**49**	(mg/kg)	1.0	NA	1	B1L1013	12/30/2011	01/02/12 19:10

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1100828-AS	G100-.5	**32**	(mg/kg)	1.0	NA	1	B1L1013	12/30/2011	01/02/12 19:11
1100828-AT	G101-0	**200**	(mg/kg)	1.0	NA	1	B1L1013	12/30/2011	01/02/12 19:12
1100828-AU	G101-.5	**56**	(mg/kg)	1.0	NA	1	B1L1013	12/30/2011	01/02/12 19:12

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Hexavalent Chromium by EPA 7196A/3060A Analyte: Hexavalent Chromium Analyst: AG

Laboratory ID	Client Sample ID	Result	Units	PQL	MDL	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1100828-01	G160-0	**ND**	(mg/kg)	1.0	NA	1	B2A0077	12/30/2011	01/03/12 15:20	
1100828-13	G145-0	**ND**	(mg/kg)	1.0	NA	1	B2A0077	12/30/2011	01/03/12 15:20	
1100828-25	G135-0	**ND**	(mg/kg)	1.0	NA	1	B2A0077	12/30/2011	01/03/12 15:20	
1100828-37	G115-0	**ND**	(mg/kg)	1.0	NA	1	B2A0077	12/30/2011	01/03/12 15:20	
1100828-49	G9-0	**ND**	(mg/kg)	1.0	NA	1	B2A0077	12/30/2011	01/03/12 15:20	
1100828-61	G1-0	**ND**	(mg/kg)	1.0	NA	1	B2A0077	12/30/2011	01/03/12 15:20	
1100828-73	G27-0	**ND**	(mg/kg)	1.0	NA	1	B2A0077	12/30/2011	01/03/12 15:20	
1100828-85	G108-0	**ND**	(mg/kg)	1.0	NA	1	B2A0077	12/30/2011	01/03/12 15:20	
1100828-97	G102-0	**ND**	(mg/kg)	1.0	NA	1	B2A0077	12/30/2011	01/03/12 15:20	
1100828-AJ	G96-0	**ND**	(mg/kg)	1.0	NA	1	B2A0077	12/30/2011	01/03/12 15:20	

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pH by EPA 9045C Analyte: pH Analyst: LA

Laboratory ID	Client Sample ID	Result	Units	PQL	MDL	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1100828-10	G164-.5	**7.0**	(pH Units)	0.10	NA	1	B1L1023	12/30/2011	12/30/11 14:54	
1100828-20	G148-.5	**8.0**	(pH Units)	0.10	NA	1	B1L1023	12/30/2011	12/30/11 14:54	
1100828-30	G137-.5	**8.0**	(pH Units)	0.10	NA	1	B1L1023	12/30/2011	12/30/11 14:54	
1100828-40	G116-.5	**8.0**	(pH Units)	0.10	NA	1	B1L1023	12/30/2011	12/30/11 14:54	
1100828-50	G9-.5	**7.6**	(pH Units)	0.10	NA	1	B1L1023	12/30/2011	12/30/11 14:54	
1100828-60	G14-.5	**7.9**	(pH Units)	0.10	NA	1	B1L1023	12/30/2011	12/30/11 14:54	
1100828-70	G5-.5	**7.2**	(pH Units)	0.10	NA	1	B1L1023	12/30/2011	12/30/11 14:54	
1100828-80	G30-.5	**8.2**	(pH Units)	0.10	NA	1	B1L1023	12/30/2011	12/30/11 14:54	
1100828-90	G110-.5	**7.6**	(pH Units)	0.10	NA	1	B1L1023	12/30/2011	12/30/11 14:54	
1100828-AA	G103-.5	**8.0**	(pH Units)	0.10	NA	1	B1L1023	12/30/2011	12/30/11 14:54	
1100828-AK	G96-.5	**7.4**	(pH Units)	0.10	NA	1	B1L1024	12/30/2011	12/30/11 14:57	
1100828-AU	G101-.5	**7.8**	(pH Units)	0.10	NA	1	B1L1024	12/30/2011	12/30/11 14:57	

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QUALITY CONTROL SECTION

Lead by ICP-AES EPA 6010B - Quality Control

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L0983 - EPA 3050 Modified									
Blank (B1L0983-BLK1)					Prepared: 12/29/2011 Analyzed: 12/30/2011				
Lead	ND	1.0			NR				
Blank (B1L0983-BLK2)					Prepared: 12/29/2011 Analyzed: 12/30/2011				
Lead	ND	1.0			NR				
LCS (B1L0983-BS1)					Prepared: 12/29/2011 Analyzed: 12/30/2011				
Lead	280	1.0	250		111	80 - 120			
Duplicate (B1L0983-DUP1)		**Source: 1100828-04**			Prepared: 12/29/2011 Analyzed: 12/30/2011				
Lead	8.4	1.0		7.4	NR		12.2	20	
Duplicate (B1L0983-DUP2)		**Source: 1100825-DM**			Prepared: 12/29/2011 Analyzed: 12/30/2011				
Lead	160	1.0		150	NR		4.25	20	
Matrix Spike (B1L0983-MS1)		**Source: 1100828-04**			Prepared: 12/29/2011 Analyzed: 12/30/2011				
Lead	200	1.0	250	7.4	75.0	46 - 116			
Matrix Spike (B1L0983-MS2)		**Source: 1100825-DM**			Prepared: 12/29/2011 Analyzed: 12/30/2011				
Lead	370	1.0	250	150	84.3	46 - 116			
Matrix Spike Dup (B1L0983-MSD1)		**Source: 1100828-04**			Prepared: 12/29/2011 Analyzed: 12/30/2011				
Lead	200	1.0	250	7.4	78.7	46 - 116	4.55	20	
Batch B1L1007 - EPA 3050 Modified									
Blank (B1L1007-BLK1)					Prepared: 12/30/2011 Analyzed: 1/2/2012				
Lead	ND	1.0			NR				
Blank (B1L1007-BLK2)					Prepared: 12/30/2011 Analyzed: 1/2/2012				
Lead	ND	1.0			NR				
LCS (B1L1007-BS1)					Prepared: 12/30/2011 Analyzed: 1/2/2012				
Lead	280	1.0	250		113	80 - 120			
Duplicate (B1L1007-DUP1)		**Source: 1100828-16**			Prepared: 12/30/2011 Analyzed: 1/2/2012				
Lead	13	1.0		12	NR		8.34	20	
Duplicate (B1L1007-DUP2)		**Source: 1100828-06**			Prepared: 12/30/2011 Analyzed: 1/2/2012				
Lead	5.5	1.0		4.4	NR		21.8	20	R
Matrix Spike (B1L1007-MS1)		**Source: 1100828-16**			Prepared: 12/30/2011 Analyzed: 1/2/2012				
Lead	220	1.0	250	12	82.5	46 - 116			
Matrix Spike (B1L1007-MS2)		**Source: 1100828-06**			Prepared: 12/30/2011 Analyzed: 1/2/2012				

Geocon Consultants, Inc.	Project Number : TO-16, E8560-06-16
6671 Brisa Street	Report To : Luann Beadle
Livermore , CA 94550	Reported : 01/03/2012

Lead by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L1007 - EPA 3050 Modified (continued)									
Matrix Spike (B1L1007-MS2) - Continued		**Source: 1100828-06**			Prepared: 12/30/2011 Analyzed: 1/2/2012				
Lead	210	1.0	250	4.4	81.0	46 - 116			
Matrix Spike Dup (B1L1007-MSD1)		**Source: 1100828-16**			Prepared: 12/30/2011 Analyzed: 1/2/2012				
Lead	230	1.0	250	12	85.6	46 - 116	3.46	20	
Batch B1L1008 - EPA 3050 Modified									
Blank (B1L1008-BLK1)					Prepared: 12/30/2011 Analyzed: 1/2/2012				
Lead	ND	1.0			NR				
Blank (B1L1008-BLK2)					Prepared: 12/30/2011 Analyzed: 1/2/2012				
Lead	ND	1.0			NR				
LCS (B1L1008-BS1)					Prepared: 12/30/2011 Analyzed: 1/2/2012				
Lead	280	1.0	250		113	80 - 120			
Duplicate (B1L1008-DUP1)		**Source: 1100828-36**			Prepared: 12/30/2011 Analyzed: 1/2/2012				
Lead	28	1.0		33	NR		16.2	20	
Duplicate (B1L1008-DUP2)		**Source: 1100828-26**			Prepared: 12/30/2011 Analyzed: 1/2/2012				
Lead	15	1.0		9.4	NR		48.1	20	R
Matrix Spike (B1L1008-MS1)		**Source: 1100828-36**			Prepared: 12/30/2011 Analyzed: 1/2/2012				
Lead	240	1.0	250	33	81.2	46 - 116			
Matrix Spike (B1L1008-MS2)		**Source: 1100828-26**			Prepared: 12/30/2011 Analyzed: 1/2/2012				
Lead	210	1.0	250	9.4	82.1	46 - 116			
Matrix Spike Dup (B1L1008-MSD1)		**Source: 1100828-36**			Prepared: 12/30/2011 Analyzed: 1/2/2012				
Lead	230	1.0	250	33	78.4	46 - 116	3.03	20	
Batch B1L1009 - EPA 3050 Modified									
Blank (B1L1009-BLK1)					Prepared: 12/30/2011 Analyzed: 1/2/2012				
Lead	ND	1.0			NR				
Blank (B1L1009-BLK2)					Prepared: 12/30/2011 Analyzed: 1/2/2012				
Lead	ND	1.0			NR				
LCS (B1L1009-BS1)					Prepared: 12/30/2011 Analyzed: 1/2/2012				
Lead	290	1.0	250		114	80 - 120			
Duplicate (B1L1009-DUP1)		**Source: 1100828-56**			Prepared: 12/30/2011 Analyzed: 1/2/2012				
Lead	180	1.0		260	NR		36.5	20	R
Duplicate (B1L1009-DUP2)		**Source: 1100828-46**			Prepared: 12/30/2011 Analyzed: 1/2/2012				

Geocon Consultants, Inc.	Project Number : TO-16, E8560-06-16
6671 Brisa Street	Report To : Luann Beadle
Livermore , CA 94550	Reported : 01/03/2012

Lead by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L1009 - EPA 3050 Modified (continued)									
Duplicate (B1L1009-DUP2) - Continued		**Source: 1100828-46**			Prepared: 12/30/2011 Analyzed: 1/2/2012				
Lead	340	1.0		270	NR		21.5	20	R
Matrix Spike (B1L1009-MS1)		**Source: 1100828-56**			Prepared: 12/30/2011 Analyzed: 1/2/2012				
Lead	450	1.0	250	260	79.1	46 - 116			
Matrix Spike (B1L1009-MS2)		**Source: 1100828-46**			Prepared: 12/30/2011 Analyzed: 1/2/2012				
Lead	540	1.0	250	270	109	46 - 116			
Matrix Spike Dup (B1L1009-MSD1)		**Source: 1100828-56**			Prepared: 12/30/2011 Analyzed: 1/2/2012				
Lead	440	1.0	250	260	74.7	46 - 116	2.47	20	
Batch B1L1010 - EPA 3050 Modified									
Blank (B1L1010-BLK1)					Prepared: 12/30/2011 Analyzed: 1/2/2012				
Lead	ND	1.0			NR				
Blank (B1L1010-BLK2)					Prepared: 12/30/2011 Analyzed: 1/2/2012				
Lead	ND	1.0			NR				
LCS (B1L1010-BS1)					Prepared: 12/30/2011 Analyzed: 1/2/2012				
Lead	270	1.0	250		110	80 - 120			
Duplicate (B1L1010-DUP1)		**Source: 1100828-76**			Prepared: 12/30/2011 Analyzed: 1/2/2012				
Lead	130	1.0		130	NR		6.42	20	
Duplicate (B1L1010-DUP2)		**Source: 1100828-66**			Prepared: 12/30/2011 Analyzed: 1/2/2012				
Lead	12	1.0		74	NR		144	20	R
Matrix Spike (B1L1010-MS1)		**Source: 1100828-76**			Prepared: 12/30/2011 Analyzed: 1/2/2012				
Lead	340	1.0	250	130	86.2	46 - 116			
Matrix Spike (B1L1010-MS2)		**Source: 1100828-66**			Prepared: 12/30/2011 Analyzed: 1/2/2012				
Lead	220	1.0	250	74	59.0	46 - 116			
Matrix Spike Dup (B1L1010-MSD1)		**Source: 1100828-76**			Prepared: 12/30/2011 Analyzed: 1/2/2012				
Lead	330	1.0	250	130	81.6	46 - 116	3.48	20	
Batch B1L1011 - EPA 3050 Modified									
Blank (B1L1011-BLK1)					Prepared: 12/30/2011 Analyzed: 1/2/2012				
Lead	ND	1.0			NR				
Blank (B1L1011-BLK2)					Prepared: 12/30/2011 Analyzed: 1/2/2012				
Lead	ND	1.0			NR				
LCS (B1L1011-BS1)					Prepared: 12/30/2011 Analyzed: 1/2/2012				

Geocon Consultants, Inc.	Project Number : TO-16, E8560-06-16
6671 Brisa Street	Report To : Luann Beadle
Livermore , CA 94550	Reported : 01/03/2012

Lead by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L1011 - EPA 3050 Modified (continued)									
LCS (B1L1011-BS1) - Continued					Prepared: 12/30/2011 Analyzed: 1/2/2012				
Lead	270	1.0	250		110	80 - 120			
Duplicate (B1L1011-DUP1)		**Source: 1100828-96**			Prepared: 12/30/2011 Analyzed: 1/2/2012				
Lead	18	1.0		16	NR		12.5	20	
Duplicate (B1L1011-DUP2)		**Source: 1100828-86**			Prepared: 12/30/2011 Analyzed: 1/2/2012				
Lead	8.6	1.0		7.1	NR		19.0	20	
Matrix Spike (B1L1011-MS1)		**Source: 1100828-96**			Prepared: 12/30/2011 Analyzed: 1/2/2012				
Lead	230	1.0	250	16	87.1	46 - 116			
Matrix Spike (B1L1011-MS2)		**Source: 1100828-86**			Prepared: 12/30/2011 Analyzed: 1/2/2012				
Lead	200	1.0	250	7.1	77.9	46 - 116			
Matrix Spike Dup (B1L1011-MSD1)		**Source: 1100828-96**			Prepared: 12/30/2011 Analyzed: 1/2/2012				
Lead	220	1.0	250	16	81.5	46 - 116	6.16	20	
Batch B1L1012 - EPA 3050 Modified									
Blank (B1L1012-BLK1)					Prepared: 12/30/2011 Analyzed: 1/2/2012				
Lead	ND	1.0			NR				
Blank (B1L1012-BLK2)					Prepared: 12/30/2011 Analyzed: 1/2/2012				
Lead	ND	1.0			NR				
LCS (B1L1012-BS1)					Prepared: 12/30/2011 Analyzed: 1/2/2012				
Lead	270	1.0	250		107	80 - 120			
Duplicate (B1L1012-DUP1)		**Source: 1100828-AQ**			Prepared: 12/30/2011 Analyzed: 1/2/2012				
Lead	77	1.0		54	NR		35.0	20	R
Duplicate (B1L1012-DUP2)		**Source: 1100828-AG**			Prepared: 12/30/2011 Analyzed: 1/2/2012				
Lead	25	1.0		23	NR		10.4	20	
Matrix Spike (B1L1012-MS1)		**Source: 1100828-AQ**			Prepared: 12/30/2011 Analyzed: 1/2/2012				
Lead	270	1.0	250	54	87.1	46 - 116			
Matrix Spike (B1L1012-MS2)		**Source: 1100828-AG**			Prepared: 12/30/2011 Analyzed: 1/2/2012				
Lead	220	1.0	250	23	80.1	46 - 116			
Matrix Spike Dup (B1L1012-MSD1)		**Source: 1100828-AQ**			Prepared: 12/30/2011 Analyzed: 1/2/2012				
Lead	270	1.0	250	54	84.5	46 - 116	2.49	20	
Batch B1L1013 - EPA 3050 Modified									
Blank (B1L1013-BLK1)					Prepared: 12/30/2011 Analyzed: 1/2/2012				

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/03/2012

Lead by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L1013 - EPA 3050 Modified (continued)									
Blank (B1L1013-BLK1) - Continued					Prepared: 12/30/2011 Analyzed: 1/2/2012				
Lead	ND	1.0			NR				
LCS (B1L1013-BS1)					Prepared: 12/30/2011 Analyzed: 1/2/2012				
Lead	270	1.0	250		106	80 - 120			
Duplicate (B1L1013-DUP1)		**Source: 1100828-AU**			Prepared: 12/30/2011 Analyzed: 1/2/2012				
Lead	45	1.0		56	NR		22.6	20	R
Matrix Spike (B1L1013-MS1)		**Source: 1100828-AU**			Prepared: 12/30/2011 Analyzed: 1/2/2012				
Lead	240	1.0	250	56	73.9	46 - 116			
Matrix Spike Dup (B1L1013-MSD1)		**Source: 1100828-AU**			Prepared: 12/30/2011 Analyzed: 1/2/2012				
Lead	240	1.0	250	56	72.9	46 - 116	1.06	20	

Geocon Consultants, Inc.	Project Number : TO-16, E8560-06-16
6671 Brisa Street	Report To : Luann Beadle
Livermore , CA 94550	Reported : 01/03/2012

Hexavalent Chromium by EPA 7196A/3060A - Quality Control

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0077 - Prep_WC_3_S									
Blank (B2A0077-BLK1)					Prepared: 12/30/2011 Analyzed: 1/3/2012				
Hexavalent Chromium	ND	1.0			NR				
LCS (B2A0077-BS1)					Prepared: 12/30/2011 Analyzed: 1/3/2012				
Hexavalent Chromium	46	1.0	50.0		91	80 - 120			
Duplicate (B2A0077-DUP1)		**Source: 1100828-AJ**			Prepared: 12/30/2011 Analyzed: 1/3/2012				
Hexavalent Chromium	ND	1.0		ND	NR			20	
Matrix Spike (B2A0077-MS1)		**Source: 1100828-AJ**			Prepared: 12/30/2011 Analyzed: 1/3/2012				
Hexavalent Chromium	11	1.0	50.0	ND	22	75 - 125			M2
Matrix Spike Dup (B2A0077-MSD1)		**Source: 1100828-AJ**			Prepared: 12/30/2011 Analyzed: 1/3/2012				
Hexavalent Chromium	11	1.0	50.0	ND	22	75 - 125	2	20	M2

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/03/2012

pH by EPA 9045C - Quality Control

Analyte	Result (pH Units)	PQL (pH Units)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B1L1023 - Prep_WC_1_S									
Duplicate (B1L1023-DUP1)		**Source: 1100828-AA**			Prepared: 12/30/2011 Analyzed: 12/30/2011				
pH	8.0	0.10		8.0	NR		0.1	20	
Batch B1L1024 - Prep_WC_1_S									
Duplicate (B1L1024-DUP1)		**Source: 1100828-AU**			Prepared: 12/30/2011 Analyzed: 12/30/2011				
pH	7.9	0.10		7.8	NR		0.3	20	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/03/2012

Notes and Definitions

R	RPD value outside acceptance criteria. Calculation is based on raw values.
M2	Matrix spike recovery outside of acceptance limit due to possible matrix interference. The analytical batch was validated by the laboratory control sample.
ND	Analyte not detected at or above reporting limit
PQL	Practical Quantitation Limit
MDL	Method Detection Limit
NR	Not Reported
RPD	Relative Percent Difference

CHAIN OF CUSTODY RECORD

Advanced Technology Laboratories
3275 Walnut Avenue
Signal Hill, CA 90755
(562) 989-4045 • Fax (562) 989-4040

FOR LABORATORY USE ONLY:

P.O.#:

Logged By: N Date: 12/27/11

Method of Transport: Client ☐ ATL ☐ CA OverN ☐ FEDEX ☐ Other: GSO

13·4

Sample Condition Upon Receipt: 1. CHILLED Y☐ N☐ 2. HEADSPACE (VOA) Y☐ N☐ 3. CONTAINER INTACT Y☐ N☐ 4. SEALED Y☐ N☐ 5. # OF SPLS MATCH COC Y☐ N☐ 6. PRESERVED Y☐ N☐

Client: GEOCON CONSULTANTS, INC.
Attn: L. BEADLE

Address: 6671 Brisa Street
City: Livemore State: CA Zip Code: 94550

TEL: (925) 371-5900
FAX: (925) 371-5915

Project Name: TO-16 Project #: E8560-06-16 Sampler: (Printed Name) D. WATTS (Signature) [signature]

Relinquished by: (Signature and Printed Name)	Date	Time	Received by: (Signature and Printed Name)	Date	Time
[signature]	12/28/11	1800	GSO	12/28/11	1800
			[signature]	12/29/11	940

I hereby authorize ATL to perform the work indicated below:
Project Mgr/Submitter: D. WATTS
Print Name Date
[signature]
Signature

Send Report To:
Attn:
Co: SAME AS ABOVE
Address
City State Zip

Bill To:
Attn:
Co: SAME AS ABOVE
Address
City State Zip

Special Instructions/Comments:
10% plt (Random - LAB)
Do NOT Composite Sample Sets
* Run Cr6 on G160-0 + G145-0

Sample/Records - Archival & Disposal
Unless otherwise requested by client, all samples will be disposed 45 days after receipt and records will be disposed 1 year after submittal of final report.

Storage Fees (applies when storage is requested):
- Sample : $2.00 / sample / mo (after 45 days)
- Records : $1.00 / ATL workorder / mo (after 1 year)

Circle or Add Analysis(es) Requested: 8081A (Pesticides), 8082 (PCB), 8260B (Volatiles), 8270C (BNA), 6010B (Total Metal) - Pb, 8015B (GRO) / BTEX, 8015B (DRO), 8021 (BTEX), TITLE 22 / CAM 17 (6010 / 7000)

SPECIFY APPROPRIATE MATRIX: SOIL, WATER, GROUND WATER, WASTEWATER

QA/QC: RTNE ☐ CT ☒ SWRCB ☐ Logcode ____ OTHER ____

ITEM	LAB USE ONLY: Batch #: / Lab No.	Sample Description: Sample I.D. / Location	Date	Time	8081A	8082	8260B	8270C	6010B (Pb)	8015B (GRO) / BTEX	8015B (DRO)	8021 (BTEX)	TITLE 22 / CAM 17	SOIL	WATER	GROUND WATER	WASTEWATER	TAT	Container(s) #	Type	PRESERVATION	REMARKS
	1100828-01/02	G160-0,.5	12-28-11	0825					X					X				48/72	2	P B		*
	03/04	G161-0,.5		0830										X					2	G		
	05/06	G162-0,.5		0835										X					2			
	07/08	G163-		0824																		
	09/10	G164-		0827																		
	11/12	G165-		0831																		
	13/14	G145-		0905																		*
	15/16	G146-		0910																		
	17/18	G147-		0915																		
	19/20	G148-		0901																		

• TAT starts 8 a.m. following day if samples received after 3 p.m.

TAT: A= Overnight ≤ 24 hr B= Emergency Next workday C= Critical 2 Workdays D= Urgent 3 Workdays E= Routine 7 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=Hcl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

DISTRIBUTION: White with report Yellow to folder Pink to submitter

CHAIN OF CUSTODY RECORD

Advanced Technology Laboratories
3275 Walnut Avenue
Signal Hill, CA 90755
(562) 989-4045 • Fax (562) 989-4040

FOR LABORATORY USE ONLY:

P.O.#: _____

Logged By: _____ Date: _____

Method of Transport: Client ☐ ATL ☐ CA OverN ☐ FEDEX ☐ Other: _____

Sample Condition Upon Receipt: 1. CHILLED Y☐ N☐ 2. HEADSPACE (VOA) Y☐ N☐ 3. CONTAINER INTACT Y☐ N☐ 4. SEALED Y☐ N☐ 5. # OF SPLS MATCH COC Y☐ N☐ 6. PRESERVED Y☐ N☐

Client: GEOCON CONSULTANTS, INC.
Attn: L. BEADLE
Address: 6671 Brisa Street
City: Livermore State: CA Zip Code: 94550
TEL: (925) 371-5900
FAX: (925) 371-5915

Project Name: TO-16 Project #: E8560-06-16 Sampler: (Printed Name) D. WATTS (Signature) [signature]

Relinquished by: (Signature and Printed Name) [signature] Date: 12/28/11 Time: 1800 Received by: (Signature and Printed Name) G50 Date: 12/28/11 Time: 1800
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) [signature] Date: 12/29/11 Time: 940
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:

I hereby authorize ATL to perform the work indicated below:
Project Mgr / Submitter: D. WATTS
Print Name Date
[signature]
Signature

Send Report To:
Attn: _____
Co: SAME AS ABOVE
Address _____
City _____ State _____ Zip _____

Bill To:
Attn: _____
Co: SAME AS ABOVE
Address _____
City _____ State _____ Zip _____

Special Instructions/Comments:
SEE Pg 1
* Run Cr6 on G135-0 + G115-0

Sample/Records - Archival & Disposal
Unless otherwise requested by client, all samples will be disposed 45 days after receipt and records will be disposed 1 year after submittal of final report.

Storage Fees (applies when storage is requested):
- Sample : $2.00 / sample / mo (after 45 days)
- Records : $1.00 / ATL workorder / mo (after 1 year)

Circle or Add Analysis(es) Requested

QA/QC: RTNE ☐ CT ☒ SWRCB ☐ Logcode ____ OTHER ____

ITEM	LAB USE ONLY: Batch #: / Lab No.	Sample Description: Sample I.D. / Location	Date	Time	8081A (Pesticides)	8082 (PCB)	8260B (Volatiles)	8270C (BNA)	6010B (Total Metal) - Pb	8015B (GRO) / BTEX	8015B (DRO)	8021 (BTEX)	TITLE 22 / CAM 17 (6010 / 7000)	SOIL	WATER	GROUND WATER	WASTEWATER	TAT	Container(s) #	Container(s) Type	PRESERVATION	REMARKS
	1108828-21/22	G149 - 0, 0.5	12/28/11	0904				X						X				48 Hr	2	Bg P		
	23/24	G150 -		0908																		
	25/26	G135 -		0940																		*
	27/28	G136 -		0945																		
	29/30	G137 -		0950																		
	31/32	G138 -		0937																		
	33/34	G139 -		0941																		
	35/36	G140 -		0944																		
	37/38	G115 -		1015																		*
	39/40	G116 -		1020																		

• TAT starts 8 a.m. following day if samples received after 3 p.m.

TAT: A= Overnight ≤ 24 hr B= Emergency Next workday C= Critical 2 Workdays D= Urgent 3 Workdays E= Routine 7 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=Hcl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

DISTRIBUTION: White with report Yellow to folder Pink to submitter

CHAIN OF CUSTODY RECORD

Advanced Technology Laboratories
3275 Walnut Avenue
Signal Hill, CA 90755
(562) 989-4045 • Fax (562) 989-4040

FOR LABORATORY USE ONLY:

P.O.#: _____

Logged By: _____ Date: _____

Method of Transport: Client ☐ ATL ☐ CA OverN ☐ FEDEX ☐ Other: _____

Sample Condition Upon Receipt: 1. CHILLED Y☐ N☐ 2. HEADSPACE (VOA) Y☐ N☐ 3. CONTAINER INTACT Y☐ N☐ 4. SEALED Y☐ N☐ 5. # OF SPLS MATCH COC Y☐ N☐ 6. PRESERVED Y☐ N☐

Client: GEOCON CONSULTANTS, INC.
Attn: L. BEADLE
Address: 6671 Brisa Street
City: Livermore State: CA Zip Code: 94550
TEL: (925) 371-5900
FAX: (925) 371-5915

Project Name: TO-16 Project #: E8560-06-16 Sampler: (Printed Name) D. WATTS (Signature) [signature]

Relinquished by: (Signature and Printed Name) [signature] Date: 12/28/11 Time: 1800 Received by: (Signature and Printed Name) GSO Date: 12/28/11 Time: 1800
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Mary [signature] Date: 12/29/11 Time: 0940
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:

I hereby authorize ATL to perform the work indicated below:
Project Mgr / Submitter: D. WATTS
Print Name Date
Signature [signature]

Send Report To: Attn: _____ Co: SAME AS ABOVE Address _____ City _____ State _____ Zip _____

Bill To: Attn: _____ Co: SAME AS ABOVE Address _____ City _____ State _____ Zip _____

Special Instructions/Comments: SEE Pg 1
*Run Cr6 on G9-0

Sample/Records - Archival & Disposal
Unless otherwise requested by client, all samples will be disposed 45 days after receipt and records will be disposed 1 year after submittal of final report.
Storage Fees (applies when storage is requested):
- Sample : $2.00 / sample / mo (after 45 days)
- Records : $1.00 / ATL workorder / mo (after 1 year)

Circle or Add Analysis(es) Requested: 8081A (Pesticides), 8082 (PCB), 8260B (Volatiles), 8270C (BNA), 6010B (Total Metal) - Pb, 8015B (GRO) / BTEX, 8015B (DRO), 8021 (BTEX), TITLE 22 / CAM 17 (6010 / 7000)

SPECIFY APPROPRIATE MATRIX: SOIL, WATER, GROUND WATER, WASTEWATER

QA/QC: RTNE ☐ CT ☒ SWRCB ☐ Logcode _____ OTHER _____

ITEM	LAB USE ONLY: Batch #: / Lab No.	Sample Description: Sample I.D. / Location	Date	Time	8081A	8082	8260B	8270C	6010B (Pb)	8015B (GRO) / BTEX	8015B (DRO)	8021 (BTEX)	TITLE 22 / CAM 17	SOIL	WATER	GROUND WATER	WASTEWATER	TAT	Container(s) #	Type	PRESERVATION	REMARKS
	1108808-41/42	G117 - 0, 0.5	12/28/11	1025				X						X				2/8/Hr	2	G P		
	43/44	G118 -		1014																		
	45/46	G119 -		1017																		
	47/48	G120 -		1019																		
	49/50	G9 -		1125																		*
	51/52	G10 -		1130																		
	53/54	G11 -		1135																		
	55/56	G12 -		1121																		
	57/58	G13 -		1124																		
	59/60	G14 -		1128																		

• TAT starts 8 a.m. following day if samples received after 3 p.m.

TAT: A= Overnight ≤ 24 hr B= Emergency Next workday C= Critical 2 Workdays D= Urgent 3 Workdays E= Routine 7 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=Hcl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

DISTRIBUTION: White with report Yellow to folder Pink to submitter

CHAIN OF CUSTODY RECORD

Advanced Technology Laboratories
3275 Walnut Avenue
Signal Hill, CA 90755
(562) 989-4045 • Fax (562) 989-4040

FOR LABORATORY USE ONLY:

P.O.#: _____

Logged By: _____ Date: _____

Method of Transport: Client ☐ ATL ☐ CA OverN ☐ FEDEX ☐ Other: _____

Sample Condition Upon Receipt: 1. CHILLED Y☐ N☐ 2. HEADSPACE (VOA) Y☐ N☐ 3. CONTAINER INTACT Y☐ N☐ 4. SEALED Y☐ N☐ 5. # OF SPLS MATCH COC Y☐ N☐ 6. PRESERVED Y☐ N☐

Client: GEOCON CONSULTANTS, INC.
Attn: L. BEADLE
Address: 6671 Brisa Street
City: Livermore State: CA Zip Code: 94550
TEL: (925) 371-5900
FAX: (925) 371-5915

Project Name: TO-16 Project #: E8560-06-16 Sampler: (Printed Name) D. WATTS (Signature) [signature]

Relinquished by: (Signature and Printed Name) [signature] Date: 12/28/11 Time: 1800 Received by: (Signature and Printed Name) GSO Date: 12/28/11 Time: 1800
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Margo [signature] Date: 12/29/11 Time: 940
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:

I hereby authorize ATL to perform the work indicated below:
Project Mgr/Submitter: D. WATTS
Print Name Date
[signature]
Signature

Send Report To:
Attn: _____
Co: SAME AS ABOVE
Address _____
City _____ State _____ Zip _____

Bill To:
Attn: _____
Co: SAME AS ABOVE
Address _____
City _____ State _____ Zip _____

Special Instructions/Comments:
SEE Pg 1
*Run Cr6 on G1-0 + G27-0

Sample/Records - Archival & Disposal
Unless otherwise requested by client, all samples will be disposed 45 days after receipt and records will be disposed 1 year after submittal of final report.

Storage Fees (applies when storage is requested):
- Sample : $2.00 / sample / mo (after 45 days)
- Records : $1.00 / ATL workorder / mo (after 1 year)

QA/QC: RTNE ☐ CT ☒ SWRCB ☐ Logcode ____ OTHER ____

ITEM	LAB USE ONLY: Batch #: Lab No.	Sample Description: Sample I.D. / Location	Date	Time	8081A (Pesticides)	8082 (PCB)	8260B (Volatiles)	8270C (BNA)	6010B (Total Metal) - Pb	8015B (GRO) / BTEX	8015B (DRO)	8021 (BTEX)	TITLE 22 / CAM 17 (6010 / 7000)	SOIL	WATER	GROUND WATER	WASTEWATER	TAT	Container(s) #	Container(s) Type	PRESERVATION	REMARKS
	1108808-61/62	G1-0, 0.5	12/28/11	1220				X						X				48 hr	2	Bg P		*
	63/64	G2-		1214																		
	65/66	G3-		1217																		
	67/68	G4-		1225																		
	69/70	G5-		1230																		
	71/72	G6-		1221																		
	73/74	G27-		1241																		*
	75/76	G28-		1244																		
	77/78	G29-		1247																		
	79/80	G30-		1245																		

• TAT starts 8 a.m. following day if samples received after 3 p.m.

TAT: A= Overnight ≤ 24 hr B= Emergency Next workday C= Critical 2 Workdays D= Urgent 3 Workdays E= Routine 7 Workdays

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Preservatives: H=Hcl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

DISTRIBUTION: White with report Yellow to folder Pink to submitter

CHAIN OF CUSTODY RECORD

Advanced Technology Laboratories
3275 Walnut Avenue
Signal Hill, CA 90755
(562) 989-4045 • Fax (562) 989-4040

FOR LABORATORY USE ONLY:

P.O.#: _____

Logged By: _____ Date: _____

Method of Transport: Client ☐ ATL ☐ CA OverN ☐ FEDEX ☐ Other: _____

Sample Condition Upon Receipt:
1. CHILLED Y☐ N☐ 4. SEALED Y☐ N☐
2. HEADSPACE (VOA) Y☐ N☐ 5. # OF SPLS MATCH COC Y☐ N☐
3. CONTAINER INTACT Y☐ N☐ 6. PRESERVED Y☐ N☐

Client: GEOCON CONSULTANTS, INC.
Attn: L. BEADLE
Address: 6671 Brisa Street
City: Livermore State: CA Zip Code: 94550
TEL: (925) 371-5900
FAX: (925) 371-5915

Project Name: TO-16 Project #: E8560-06-16 Sampler: (Printed Name) D. WATTS (Signature) [signature]

Relinquished by: (Signature and Printed Name) [signature] Date: 12/28/11 Time: 1800 Received by: (Signature and Printed Name) GSO Date: 12/28/11 Time: 1800
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Margi [signature] Date: 12/29/11 Time: 940
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:

I hereby authorize ATL to perform the work indicated below:
Project Mgr / Submitter: D. WATTS
Print Name Date
[signature]
Signature

Send Report To:
Attn: _____
Co: SAME AS ABOVE
Address _____
City _____ State _____ Zip _____

Bill To:
Attn: _____
Co: SAME AS ABOVE
Address _____
City _____ State _____ Zip _____

Special Instructions/Comments:
SEE Pg 1
* Run Cr6 on G108-0 + G102-0

Sample/Records - Archival & Disposal
Unless otherwise requested by client, all samples will be disposed 45 days after receipt and records will be disposed 1 year after submittal of final report.
Storage Fees (applies when storage is requested):
- Sample : $2.00 / sample / mo (after 45 days)
- Records : $1.00 / ATL workorder / mo (after 1 year)

Circle or Add Analysis(es) Requested: 8081A (Pesticides), 8082 (PCB), 8260B (Volatiles), 8270C (BNA), 6010B (Total Metal) + Pb, 8015B (GRO) / BTEX, 8015B (DRO), 8021 (BTEX), TITLE 22 / CAM 17 (6010/7000)

SPECIFY APPROPRIATE MATRIX: SOIL, WATER, GROUND WATER, WASTEWATER

QA/QC: RTNE ☐ CT ☒ SWRCB ☐ Logcode _____ OTHER _____

ITEM	LAB USE ONLY: Batch #: / Lab No.	Sample Description: Sample I.D. / Location	Date	Time	8081A	8082	8260B	8270C	6010B	8015B (GRO)	8015B (DRO)	8021	TITLE 22 / CAM 17	SOIL	WATER	GROUND WATER	WASTEWATER	TAT	Container(s) #	Container(s) Type	PRESERVATION	REMARKS
	1008086 - 81/82	G31 - 0, 0.5	12/28/11	1250					X					X				48 hr	2	Bg P		
	83/84	G32 -		1255																		*
	85/86	G108 -		1307																		
	87/88	G109 -		1309																		
	89/90	G110 -		1314																		
	91/92	G111 -		1315																		
	93/94	G112 -		1317																		
	95/96	G113 -		1320																		
	97/98	G102 -		1345																		*
	99/100	G103 -		1350																		

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TAT: A= Overnight ≤ 24 hr B= Emergency Next workday C= Critical 2 Workdays D= Urgent 3 Workdays E= Routine 7 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=Hcl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

DISTRIBUTION: White with report Yellow to folder Pink to submitter

CHAIN OF CUSTODY RECORD

Advanced Technology Laboratories
3275 Walnut Avenue
Signal Hill, CA 90755
(562) 989-4045 • Fax (562) 989-4040

FOR LABORATORY USE ONLY:

P.O.#: _____
Logged By: _____ Date: _____

Method of Transport: Client ☐ ATL ☐ CA OverN ☐ FEDEX ☐ Other: _____

Sample Condition Upon Receipt: 1. CHILLED Y☐ N☐ 2. HEADSPACE (VOA) Y☐ N☐ 3. CONTAINER INTACT Y☐ N☐ 4. SEALED Y☐ N☐ 5. # OF SPLS MATCH COC Y☐ N☐ 6. PRESERVED Y☐ N☐

Client: GEOCON CONSULTANTS, INC.
Attn: L. BEADLE
Address: 6671 Brisa Street
City: Livermore State: CA Zip Code: 94550
TEL: (925) 371-5900
FAX: (925) 371-5915

Project Name: TO-16 Project #: E8560-06-16 Sampler: (Printed Name) D. WATTS (Signature) [signature]

Relinquished by: (Signature and Printed Name) [signature] Date: 12/28/11 Time: 1800 Received by: (Signature and Printed Name) GSO Date: 12/28/11 Time: 1800
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Mary Date: 12/29/11 Time: 940
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:

I hereby authorize ATL to perform the work indicated below:
Project Mgr (Submitter)
D. WATTS
Print Name Date
[signature]
Signature

Send Report To:
Attn: _____
Co: SAME AS ABOVE
Address _____
City _____ State _____ Zip _____

Bill To:
Attn: _____
Co: SAME AS ABOVE
Address _____
City _____ State _____ Zip _____

Special Instructions/Comments:
SEE Pg 1
* Run Cr6 on G96-0

Sample/Records - Archival & Disposal
Unless otherwise requested by client, all samples will be disposed 45 days after receipt and records will be disposed 1 year after submittal of final report.

Storage Fees (applies when storage is requested):
- Sample : $2.00 / sample / mo (after 45 days)
- Records : $1.00 / ATL workorder / mo (after 1 year)

Circle or Add Analysis(es) Requested: 8081A (Pesticides), 8082 (PCB), 8260B (Volatiles), 8270C (BNA), 6010B (Total Metal) - Pb, 8015B (GRO) / BTEX, 8015B (DRO), 8021 (BTEX), TITLE 22 / CAM 17 (6010 / 7000)

SPECIFY APPROPRIATE MATRIX: SOIL, WATER, GROUND WATER, WASTEWATER

QA/QC: RTNE ☐ CT ☒ SWRCB ☐ Logcode _____ OTHER _____

ITEM	LAB USE ONLY: Batch #: / Lab No.	Sample Description: Sample I.D. / Location	Date	Time	8260B (Volatiles)	6010B (Total Metal) - Pb	SOIL	TAT	Container(s) #	Container(s) Type	REMARKS
AB/AC	1100808-101/102	G104-0, 0.5	12/28/11	1355	X		X	48 Hr	2	Bag	
AD/AE	103/104	G105-		1344							
AF/AG	105/106	G106-		1347							
AH/AI	107/108	G107-		1351							
AJ/AK	109/110	G96-		1417							*
AL/AM	111/112	G97-		1421							
AN/AO	113/114	G98-		1427							
AP/AQ	115/116	G99-		1415							
AR/AS	117/118	G100-		1420							
AT/AU	119/120	G101-		1425							

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Preservatives: H=HCl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

DISTRIBUTION: White with report Yellow to folder Pink to submitter

ADVANCED TECHNOLOGY LABORATORIES

January 11, 2012

ELAP No.: 1838
NELAP No.: 02107CA
CSDLAC No.: 10196
ORELAP No.: CA300003

Luann Beadle
Geocon Consultants, Inc.
6671 Brisa Street
Livermore, CA 94550
Tel: (925) 371-5900
Fax:(925) 371-5915

Re: ATL Work Order Number : 1100828
Client Reference : TO-16, E8560-06-16

Enclosed are the results for sample(s) received on December 29, 2011 by Advanced Technology Laboratories. The sample(s) are tested for the parameters as indicated on the enclosed chain of custody in accordance with applicable laboratory certifications. The laboratory results contained in this report specifically pertains to the sample(s) submitted.

Thank you for the opportunity to serve the needs of your company. If you have any questions, please feel free to contact me or your Project Manager.

Sincerely,

Eddie Rodriguez
Laboratory Director

The cover letter and the case narrative are an integral part of this analytical report and its absence renders the report invalid. The report cannot be reproduced without written permission from the client and Advanced Technology Laboratories.

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Geocon Consultants, Inc.	Project Number : TO-16, E8560-06-16
6671 Brisa Street	Report To : Luann Beadle
Livermore , CA 94550	Reported : 01/11/2012

SUMMARY OF SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
G145-.5	1100828-14	Soil	12/28/11 9:05	12/29/11 9:40
G146-0	1100828-15	Soil	12/28/11 9:10	12/29/11 9:40
G148-.5	1100828-20	Soil	12/28/11 9:01	12/29/11 9:40
G149-0	1100828-21	Soil	12/28/11 9:04	12/29/11 9:40
G149-.5	1100828-22	Soil	12/28/11 9:04	12/29/11 9:40
G150-0	1100828-23	Soil	12/28/11 9:08	12/29/11 9:40
G150-.5	1100828-24	Soil	12/28/11 9:08	12/29/11 9:40
G135-0	1100828-25	Soil	12/28/11 9:40	12/29/11 9:40
G135-0	1100828-25	Soil	12/28/11 9:40	12/29/11 9:40
G136-0	1100828-27	Soil	12/28/11 9:45	12/29/11 9:40
G136-0	1100828-27	Soil	12/28/11 9:45	12/29/11 9:40
G138-.5	1100828-32	Soil	12/28/11 9:37	12/29/11 9:40
G139-0	1100828-33	Soil	12/28/11 9:41	12/29/11 9:40
G139-0	1100828-33	Soil	12/28/11 9:41	12/29/11 9:40
G139-.5	1100828-34	Soil	12/28/11 9:41	12/29/11 9:40
G140-0	1100828-35	Soil	12/28/11 9:44	12/29/11 9:40
G115-0	1100828-37	Soil	12/28/11 10:15	12/29/11 9:40
G115-.5	1100828-38	Soil	12/28/11 10:15	12/29/11 9:40
G116-0	1100828-39	Soil	12/28/11 10:20	12/29/11 9:40
G116-.5	1100828-40	Soil	12/28/11 10:20	12/29/11 9:40
G117-0	1100828-41	Soil	12/28/11 10:25	12/29/11 9:40
G117-.5	1100828-42	Soil	12/28/11 10:25	12/29/11 9:40
G118-.5	1100828-44	Soil	12/28/11 10:14	12/29/11 9:40
G119-0	1100828-45	Soil	12/28/11 10:17	12/29/11 9:40
G119-.5	1100828-46	Soil	12/28/11 10:17	12/29/11 9:40
G120-0	1100828-47	Soil	12/28/11 10:19	12/29/11 9:40
G9-0	1100828-49	Soil	12/28/11 11:25	12/29/11 9:40
G9-.5	1100828-50	Soil	12/28/11 11:25	12/29/11 9:40
G10-0	1100828-51	Soil	12/28/11 11:30	12/29/11 9:40
G11-0	1100828-53	Soil	12/28/11 11:35	12/29/11 9:40
G11-.5	1100828-54	Soil	12/28/11 11:35	12/29/11 9:40
G12-0	1100828-55	Soil	12/28/11 11:21	12/29/11 9:40
G12-.5	1100828-56	Soil	12/28/11 11:21	12/29/11 9:40
G13-0	1100828-57	Soil	12/28/11 11:24	12/29/11 9:40
G13-.5	1100828-58	Soil	12/28/11 11:24	12/29/11 9:40

G14-.5	1100828-60	Soil	12/28/11	11:28	12/29/11	9:40
G2-0	1100828-63	Soil	12/28/11	12:14	12/29/11	9:40
G2-0	1100828-63	Soil	12/28/11	12:14	12/29/11	9:40
G2-.5	1100828-64	Soil	12/28/11	12:14	12/29/11	9:40
G3-0	1100828-65	Soil	12/28/11	12:17	12/29/11	9:40
G3-0	1100828-65	Soil	12/28/11	12:17	12/29/11	9:40
G3-.5	1100828-66	Soil	12/28/11	12:17	12/29/11	9:40
G4-.5	1100828-68	Soil	12/28/11	12:25	12/29/11	9:40
G5-0	1100828-69	Soil	12/28/11	12:30	12/29/11	9:40
G5-0	1100828-69	Soil	12/28/11	12:30	12/29/11	9:40
G5-.5	1100828-70	Soil	12/28/11	12:30	12/29/11	9:40
G5-.5	1100828-70	Soil	12/28/11	12:30	12/29/11	9:40
G6-0	1100828-71	Soil	12/28/11	12:21	12/29/11	9:40
G6-0	1100828-71	Soil	12/28/11	12:21	12/29/11	9:40
G27-0	1100828-73	Soil	12/28/11	12:41	12/29/11	9:40
G27-.5	1100828-74	Soil	12/28/11	12:41	12/29/11	9:40
G27-.5	1100828-74	Soil	12/28/11	12:41	12/29/11	9:40
G28-0	1100828-75	Soil	12/28/11	12:44	12/29/11	9:40
G28-.5	1100828-76	Soil	12/28/11	12:44	12/29/11	9:40
G29-0	1100828-77	Soil	12/28/11	12:47	12/29/11	9:40
G29-.5	1100828-78	Soil	12/28/11	12:47	12/29/11	9:40
G30-0	1100828-79	Soil	12/28/11	12:45	12/29/11	9:40
G30-0	1100828-79	Soil	12/28/11	12:45	12/29/11	9:40
G30-.5	1100828-80	Soil	12/28/11	12:45	12/29/11	9:40
G31-.5	1100828-82	Soil	12/28/11	12:50	12/29/11	9:40
G32-0	1100828-83	Soil	12/28/11	12:55	12/29/11	9:40
G110-0	1100828-89	Soil	12/28/11	13:14	12/29/11	9:40
G111-0	1100828-91	Soil	12/28/11	13:15	12/29/11	9:40
G105-.5	1100828-AE	Soil	12/28/11	13:44	12/29/11	9:40
G106-0	1100828-AF	Soil	12/28/11	13:47	12/29/11	9:40
G107-0	1100828-AH	Soil	12/28/11	13:51	12/29/11	9:40
G96-0	1100828-AJ	Soil	12/28/11	14:17	12/29/11	9:40
G96-.5	1100828-AK	Soil	12/28/11	14:17	12/29/11	9:40
G96-.5	1100828-AK	Soil	12/28/11	14:17	12/29/11	9:40
G97-0	1100828-AL	Soil	12/28/11	14:21	12/29/11	9:40
G97-.5	1100828-AM	Soil	12/28/11	14:21	12/29/11	9:40
G98-0	1100828-AN	Soil	12/28/11	14:27	12/29/11	9:40
G98-.5	1100828-AO	Soil	12/28/11	14:27	12/29/11	9:40
G99-0	1100828-AP	Soil	12/28/11	14:15	12/29/11	9:40

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/11/2012

G99-0	1100828-AP	Soil	12/28/11 14:15	12/29/11 9:40
G99-.5	1100828-AQ	Soil	12/28/11 14:15	12/29/11 9:40
G101-0	1100828-AT	Soil	12/28/11 14:25	12/29/11 9:40
G101-.5	1100828-AU	Soil	12/28/11 14:25	12/29/11 9:40

Geocon Consultants, Inc.	Project Number : TO-16, E8560-06-16
6671 Brisa Street	Report To : Luann Beadle
Livermore , CA 94550	Reported : 01/11/2012

STLC Lead by AA (Direct Aspiration) by EPA 7420

Analyte: Lead **Analyst: VV**

Laboratory ID	Client Sample ID	Result	Units	PQL	MDL	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1100828-14	G145-.5	**11**	mg/L	1.0	NA	2	B2A0198	01/06/2012	01/09/12 18:53	
1100828-15	G146-0	**10**	mg/L	1.0	NA	2	B2A0198	01/06/2012	01/09/12 18:53	
1100828-20	G148-.5	**10**	mg/L	1.0	NA	2	B2A0199	01/06/2012	01/09/12 18:57	
1100828-21	G149-0	**3.9**	mg/L	0.50	NA	1	B2A0199	01/06/2012	01/09/12 18:58	
1100828-22	G149-.5	**4.3**	mg/L	0.50	NA	1	B2A0199	01/06/2012	01/09/12 19:00	
1100828-23	G150-0	**1.7**	mg/L	0.50	NA	1	B2A0199	01/06/2012	01/09/12 19:01	
1100828-24	G150-.5	**6.8**	mg/L	0.50	NA	1	B2A0199	01/06/2012	01/09/12 19:01	
1100828-32	G138-.5	**7.1**	mg/L	0.50	NA	1	B2A0199	01/06/2012	01/09/12 19:01	
1100828-34	G139-.5	**5.1**	mg/L	0.50	NA	1	B2A0199	01/06/2012	01/09/12 19:01	
1100828-35	G140-0	**2.8**	mg/L	0.50	NA	1	B2A0199	01/06/2012	01/09/12 19:02	
1100828-37	G115-0	**4.9**	mg/L	0.50	NA	1	B2A0199	01/06/2012	01/09/12 19:02	
1100828-38	G115-.5	**7.7**	mg/L	0.50	NA	1	B2A0199	01/06/2012	01/09/12 19:02	
1100828-39	G116-0	**13**	mg/L	1.0	NA	2	B2A0199	01/06/2012	01/09/12 19:06	
1100828-40	G116-.5	**5.9**	mg/L	0.50	NA	1	B2A0199	01/06/2012	01/10/12 13:41	
1100828-41	G117-0	**6.0**	mg/L	0.50	NA	1	B2A0199	01/06/2012	01/09/12 19:06	
1100828-42	G117-.5	**9.8**	mg/L	1.0	NA	2	B2A0199	01/06/2012	01/09/12 19:07	
1100828-44	G118-.5	**10**	mg/L	1.0	NA	2	B2A0199	01/06/2012	01/09/12 19:08	
1100828-45	G119-0	**10**	mg/L	1.0	NA	2	B2A0199	01/06/2012	01/09/12 19:09	
1100828-46	G119-.5	**23**	mg/L	1.0	NA	2	B2A0199	01/06/2012	01/09/12 19:09	
1100828-47	G120-0	**14**	mg/L	1.0	NA	2	B2A0199	01/06/2012	01/09/12 19:11	
1100828-49	G9-0	**2.4**	mg/L	0.50	NA	1	B2A0199	01/06/2012	01/09/12 19:11	
1100828-50	G9-.5	**1.7**	mg/L	0.50	NA	1	B2A0199	01/06/2012	01/09/12 19:13	
1100828-51	G10-0	**2.7**	mg/L	0.50	NA	1	B2A0200	01/06/2012	01/10/12 12:21	
1100828-53	G11-0	**1.8**	mg/L	0.50	NA	1	B2A0200	01/06/2012	01/10/12 12:21	
1100828-54	G11-.5	**3.8**	mg/L	0.50	NA	1	B2A0200	01/06/2012	01/10/12 12:22	
1100828-55	G12-0	**2.5**	mg/L	0.50	NA	1	B2A0200	01/06/2012	01/10/12 12:22	
1100828-56	G12-.5	**8.3**	mg/L	0.50	NA	1	B2A0200	01/06/2012	01/10/12 12:22	
1100828-57	G13-0	**1.9**	mg/L	0.50	NA	1	B2A0200	01/06/2012	01/10/12 12:22	
1100828-58	G13-.5	**3.4**	mg/L	0.50	NA	1	B2A0200	01/06/2012	01/10/12 12:23	
1100828-60	G14-.5	**2.4**	mg/L	0.50	NA	1	B2A0200	01/06/2012	01/10/12 12:24	

1100828-64	G2-.5	**13**	mg/L	1.0	NA	2	B2A0200	01/06/2012	01/10/12 12:26
1100828-66	G3-.5	**5.3**	mg/L	0.50	NA	1	B2A0200	01/06/2012	01/10/12 12:26
1100828-68	G4-.5	**4.0**	mg/L	0.50	NA	1	B2A0200	01/06/2012	01/10/12 12:27
1100828-73	G27-0	**14**	mg/L	1.0	NA	2	B2A0200	01/06/2012	01/10/12 12:28
1100828-75	G28-0	**8.0**	mg/L	0.50	NA	1	B2A0200	01/06/2012	01/10/12 12:28
1100828-76	G28-.5	**4.8**	mg/L	0.50	NA	1	B2A0200	01/06/2012	01/10/12 12:29
1100828-77	G29-0	**7.0**	mg/L	0.50	NA	1	B2A0200	01/06/2012	01/10/12 12:35
1100828-78	G29-.5	**6.1**	mg/L	0.50	NA	1	B2A0200	01/06/2012	01/10/12 12:36
1100828-80	G30-.5	**1.7**	mg/L	0.50	NA	1	B2A0200	01/06/2012	01/10/12 12:36
1100828-82	G31-.5	**1.1**	mg/L	0.50	NA	1	B2A0200	01/06/2012	01/10/12 12:36
1100828-83	G32-0	**10**	mg/L	1.0	NA	2	B2A0200	01/06/2012	01/10/12 12:37
1100828-89	G110-0	**3.8**	mg/L	0.50	NA	1	B2A0200	01/06/2012	01/10/12 12:40
1100828-91	G111-0	**1.8**	mg/L	0.50	NA	1	B2A0201	01/06/2012	01/10/12 12:43
1100828-AE	G105-.5	**2.3**	mg/L	0.50	NA	1	B2A0201	01/06/2012	01/10/12 12:43
1100828-AF	G106-0	**2.7**	mg/L	0.50	NA	1	B2A0201	01/06/2012	01/10/12 12:44
1100828-AH	G107-0	**1.3**	mg/L	0.50	NA	1	B2A0201	01/06/2012	01/10/12 12:44
1100828-AJ	G96-0	**6.8**	mg/L	0.50	NA	1	B2A0201	01/06/2012	01/10/12 12:45
1100828-AL	G97-0	**5.2**	mg/L	0.50	NA	1	B2A0201	01/06/2012	01/10/12 12:46
1100828-AM	G97-.5	**4.5**	mg/L	0.50	NA	1	B2A0201	01/06/2012	01/10/12 12:46
1100828-AN	G98-0	**4.9**	mg/L	0.50	NA	1	B2A0201	01/06/2012	01/10/12 12:46
1100828-AO	G98-.5	**2.7**	mg/L	0.50	NA	1	B2A0201	01/06/2012	01/10/12 12:46
1100828-AQ	G99-.5	**2.2**	mg/L	0.50	NA	1	B2A0201	01/06/2012	01/10/12 12:48
1100828-AT	G101-0	**6.7**	mg/L	0.50	NA	1	B2A0201	01/06/2012	01/10/12 12:50
1100828-AU	G101-.5	**2.0**	mg/L	0.50	NA	1	B2A0201	01/06/2012	01/10/12 12:51

Geocon Consultants, Inc.	Project Number : TO-16, E8560-06-16
6671 Brisa Street	Report To : Luann Beadle
Livermore , CA 94550	Reported : 01/11/2012

TCLP Lead by AA (Direct Aspiration) EPA 7420

Analyte: Lead **Analyst: VV**

Laboratory ID	Client Sample ID	Result	Units	PQL	MDL	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1100828-25	G135-0	**ND**	mg/L	0.50	NA	1	B2A0290	01/11/2012	01/11/12 13:22	
1100828-27	G136-0	**ND**	mg/L	0.50	NA	1	B2A0290	01/11/2012	01/11/12 13:23	
1100828-33	G139-0	**ND**	mg/L	0.50	NA	1	B2A0290	01/11/2012	01/11/12 13:23	
1100828-63	G2-0	**2.2**	mg/L	0.50	NA	1	B2A0290	01/11/2012	01/11/12 13:24	
1100828-65	G3-0	**1.6**	mg/L	0.50	NA	1	B2A0290	01/11/2012	01/11/12 13:25	
1100828-69	G5-0	**ND**	mg/L	0.50	NA	1	B2A0290	01/11/2012	01/11/12 13:25	
1100828-70	G5-.5	**ND**	mg/L	0.50	NA	1	B2A0290	01/11/2012	01/11/12 13:25	
1100828-71	G6-0	**ND**	mg/L	0.50	NA	1	B2A0290	01/11/2012	01/11/12 13:26	
1100828-74	G27-.5	**ND**	mg/L	0.50	NA	1	B2A0290	01/11/2012	01/11/12 13:28	
1100828-79	G30-0	**ND**	mg/L	0.50	NA	1	B2A0290	01/11/2012	01/11/12 13:28	
1100828-AK	G96-.5	**ND**	mg/L	0.50	NA	1	B2A0290	01/11/2012	01/11/12 13:28	
1100828-AP	G99-0	**ND**	mg/L	0.50	NA	1	B2A0290	01/11/2012	01/11/12 13:29	

Geocon Consultants, Inc.	Project Number : TO-16, E8560-06-16
6671 Brisa Street	Report To : Luann Beadle
Livermore , CA 94550	Reported : 01/11/2012

QUALITY CONTROL SECTION

STLC Lead by AA (Direct Aspiration) by EPA 7420 - Quality Control

Analyte	Result (mg/L)	PQL (mg/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0198 - STLC Extraction									
Blank (B2A0198-BLK1)					Prepared: 1/6/2012 Analyzed: 1/9/2012				
Lead	ND	0.50			NR				
Blank (B2A0198-BLK2)					Prepared: 1/6/2012 Analyzed: 1/9/2012				
Lead	ND	0.50			NR				
LCS (B2A0198-BS1)					Prepared: 1/6/2012 Analyzed: 1/9/2012				
Lead	5.2	0.05	5.00		103	80 - 120			
Duplicate (B2A0198-DUP1)		**Source: 1100825-CB**			Prepared: 1/6/2012 Analyzed: 1/9/2012				
Lead	40	2.5		41	NR		1.93	20	
Duplicate (B2A0198-DUP2)		**Source: 1100828-15**			Prepared: 1/6/2012 Analyzed: 1/9/2012				
Lead	10	1.0		10	NR		1.20	20	
Matrix Spike (B2A0198-MS1)		**Source: 1100825-CB**			Prepared: 1/6/2012 Analyzed: 1/9/2012				
Lead	49	0.50	5.00	41	161	80 - 120			M1
Matrix Spike (B2A0198-MS2)		**Source: 1100828-15**			Prepared: 1/6/2012 Analyzed: 1/9/2012				
Lead	17	0.20	5.00	10	136	80 - 120			M1
Matrix Spike Dup (B2A0198-MSD1)		**Source: 1100825-CB**			Prepared: 1/6/2012 Analyzed: 1/9/2012				
Lead	50	0.50	5.00	41	165	80 - 120	0.398	20	M1
Batch B2A0199 - STLC Extraction									
Blank (B2A0199-BLK1)					Prepared: 1/6/2012 Analyzed: 1/9/2012				
Lead	ND	0.50			NR				
Blank (B2A0199-BLK2)					Prepared: 1/6/2012 Analyzed: 1/9/2012				
Lead	ND	0.50			NR				
LCS (B2A0199-BS1)					Prepared: 1/6/2012 Analyzed: 1/9/2012				
Lead	5.0	0.05	5.00		99.4	80 - 120			
Duplicate (B2A0199-DUP1)		**Source: 1100828-38**			Prepared: 1/6/2012 Analyzed: 1/9/2012				
Lead	7.7	0.50		7.7	NR		0.561	20	
Duplicate (B2A0199-DUP2)		**Source: 1100828-50**			Prepared: 1/6/2012 Analyzed: 1/9/2012				
Lead	1.7	0.50		1.7	NR		2.24	20	
Matrix Spike (B2A0199-MS1)		**Source: 1100828-38**			Prepared: 1/6/2012 Analyzed: 1/9/2012				
Lead	17	0.10	5.00	7.7	193	80 - 120			M1
Matrix Spike (B2A0199-MS2)		**Source: 1100828-50**			Prepared: 1/6/2012 Analyzed: 1/9/2012				

Geocon Consultants, Inc.	Project Number : TO-16, E8560-06-16
6671 Brisa Street	Report To : Luann Beadle
Livermore , CA 94550	Reported : 01/11/2012

STLC Lead by AA (Direct Aspiration) by EPA 7420 - Quality Control (cont'd)

Analyte	Result (mg/L)	PQL (mg/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0199 - STLC Extraction (continued)									
Matrix Spike (B2A0199-MS2) - Continued		**Source: 1100828-50**			Prepared: 1/6/2012 Analyzed: 1/9/2012				
Lead	6.8	0.05	5.00	1.7	102	80 - 120			
Matrix Spike Dup (B2A0199-MSD1)		**Source: 1100828-38**			Prepared: 1/6/2012 Analyzed: 1/9/2012				
Lead	18	0.10	5.00	7.7	199	80 - 120	1.59	20	M1
Batch B2A0200 - STLC Extraction									
Blank (B2A0200-BLK1)					Prepared: 1/6/2012 Analyzed: 1/10/2012				
Lead	ND	0.50			NR				
Blank (B2A0200-BLK2)					Prepared: 1/6/2012 Analyzed: 1/10/2012				
Lead	ND	0.50			NR				
LCS (B2A0200-BS1)					Prepared: 1/6/2012 Analyzed: 1/10/2012				
Lead	5.3	0.05	5.00		106	80 - 120			
Duplicate (B2A0200-DUP1)		**Source: 1100828-66**			Prepared: 1/6/2012 Analyzed: 1/10/2012				
Lead	5.1	0.50		5.3	NR		3.28	20	
Duplicate (B2A0200-DUP2)		**Source: 1100828-89**			Prepared: 1/6/2012 Analyzed: 1/10/2012				
Lead	4.1	0.50		3.8	NR		7.17	20	
Matrix Spike (B2A0200-MS1)		**Source: 1100828-66**			Prepared: 1/6/2012 Analyzed: 1/10/2012				
Lead	11	0.10	5.00	5.3	108	80 - 120			
Matrix Spike (B2A0200-MS2)		**Source: 1100828-89**			Prepared: 1/6/2012 Analyzed: 1/10/2012				
Lead	8.9	0.05	5.00	3.8	101	80 - 120			
Matrix Spike Dup (B2A0200-MSD1)		**Source: 1100828-66**			Prepared: 1/6/2012 Analyzed: 1/10/2012				
Lead	11	0.10	5.00	5.3	113	80 - 120	2.31	20	
Batch B2A0201 - STLC Extraction									
Blank (B2A0201-BLK1)					Prepared: 1/6/2012 Analyzed: 1/10/2012				
Lead	ND	0.50			NR				
Blank (B2A0201-BLK2)					Prepared: 1/6/2012 Analyzed: 1/10/2012				
Lead	ND	0.50			NR				
LCS (B2A0201-BS1)					Prepared: 1/6/2012 Analyzed: 1/10/2012				
Lead	5.0	0.05	5.00		99.6	80 - 120			
Duplicate (B2A0201-DUP1)		**Source: 1100828-AQ**			Prepared: 1/6/2012 Analyzed: 1/10/2012				
Lead	2.1	0.50		2.2	NR		4.72	20	
Duplicate (B2A0201-DUP2)		**Source: 1100836-17**			Prepared: 1/6/2012 Analyzed: 1/10/2012				

Geocon Consultants, Inc.	Project Number : TO-16, E8560-06-16
6671 Brisa Street	Report To : Luann Beadle
Livermore , CA 94550	Reported : 01/11/2012

STLC Lead by AA (Direct Aspiration) by EPA 7420 - Quality Control (cont'd)

Analyte	Result (mg/L)	PQL (mg/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0201 - STLC Extraction (continued)									
Duplicate (B2A0201-DUP2) - Continued		**Source: 1100836-17**			Prepared: 1/6/2012 Analyzed: 1/10/2012				
Lead	3.1	0.50		3.3	NR		8.70	20	
Matrix Spike (B2A0201-MS1)		**Source: 1100828-AQ**			Prepared: 1/6/2012 Analyzed: 1/10/2012				
Lead	7.0	0.05	5.00	2.2	97.4	80 - 120			
Matrix Spike (B2A0201-MS2)		**Source: 1100836-17**			Prepared: 1/6/2012 Analyzed: 1/10/2012				
Lead	8.4	0.05	5.00	3.3	100	80 - 120			
Matrix Spike Dup (B2A0201-MSD1)		**Source: 1100828-AQ**			Prepared: 1/6/2012 Analyzed: 1/10/2012				
Lead	7.1	0.05	5.00	2.2	97.6	80 - 120	0.144	20	
Batch S2A0089 - B2A0196									
Instrument Blank (S2A0089-IBL1)					Prepared: 1/9/2012 Analyzed: 1/9/2012				
Lead	ND	0.50			NR				
Batch S2A0095 - B2A0199									
Instrument Blank (S2A0095-IBL1)					Prepared: 1/10/2012 Analyzed: 1/10/2012				
Lead	ND	0.50			NR				

Geocon Consultants, Inc.	Project Number : TO-16, E8560-06-16
6671 Brisa Street	Report To : Luann Beadle
Livermore , CA 94550	Reported : 01/11/2012

TCLP Lead by AA (Direct Aspiration) EPA 7420 - Quality Control

Analyte	Result (mg/L)	PQL (mg/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0290 - EPA 3010A									
Blank (B2A0290-BLK1)					Prepared: 1/11/2012 Analyzed: 1/11/2012				
Lead	ND	0.50			NR				
Blank (B2A0290-BLK2)					Prepared: 1/11/2012 Analyzed: 1/11/2012				
Lead	ND	0.50			NR				
Blank (B2A0290-BLK3)					Prepared: 1/11/2012 Analyzed: 1/11/2012				
Lead	ND	0.50			NR				
Blank (B2A0290-BLK4)					Prepared: 1/11/2012 Analyzed: 1/11/2012				
Lead	ND	0.50			NR				
LCS (B2A0290-BS1)					Prepared: 1/11/2012 Analyzed: 1/11/2012				
Lead	1.0	0.50	1.00		99.9	80 - 120			
Duplicate (B2A0290-DUP1)		**Source: 1100837-CA**			Prepared: 1/11/2012 Analyzed: 1/11/2012				
Lead	0.61	0.50		0.63	NR		2.94	20	
Duplicate (B2A0290-DUP2)		**Source: 1100828-71**			Prepared: 1/11/2012 Analyzed: 1/11/2012				
Lead	0.08	0.50		0.17	NR		66.8	20	R
Matrix Spike (B2A0290-MS1)		**Source: 1100837-CA**			Prepared: 1/11/2012 Analyzed: 1/11/2012				
Lead	3.4	0.50	2.50	0.63	110	80 - 120			
Matrix Spike (B2A0290-MS2)		**Source: 1100828-71**			Prepared: 1/11/2012 Analyzed: 1/11/2012				
Lead	2.8	0.50	2.50	0.17	103	80 - 120			
Matrix Spike Dup (B2A0290-MSD1)		**Source: 1100837-CA**			Prepared: 1/11/2012 Analyzed: 1/11/2012				
Lead	3.3	0.50	2.50	0.63	105	80 - 120	3.48	20	
Batch S2A0114 - B2A0291									
Instrument Blank (S2A0114-IBL1)					Prepared: 1/11/2012 Analyzed: 1/11/2012				
Lead	ND	0.50			NR				

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/11/2012

Notes and Definitions

R	RPD value outside acceptance criteria. Calculation is based on raw values.
M1	Matrix spike recovery outside of acceptance limit. The analytical batch was validated by the laboratory control sample.
ND	Analyte not detected at or above reporting limit
PQL	Practical Quantitation Limit
MDL	Method Detection Limit
NR	Not Reported
RPD	Relative Percent Difference

Diane Galvan

From: Luann Beadle [beadle@geoconinc.com]
Sent: Thursday, January 05, 2012 2:33 PM
To: Diane Galvan
Subject: TO-16 Lab Results: 1100809, 1100820, 1100821, 1100825, 1100828, 1100836, & 1100837

Hi Diane,

Following you will find a copy of Caltrans' requested additional WET analyses, organized by metal, then Lab Order Number. I know it is a little lengthy, so if you need extra help sorting, let me know. Please run them on an expedited TAT.

LEAD

File 1100809.xls
WET:

G382-0
G427-0
G508-0.5
G420-0
G378-0.5
G473-0
G489-1.5
G374-0.5
G418-0
G420-0.5
G372-0
G476-0
G471-0
G375-0.5
G426-0.5
G380-1.5
G477-1.5
G373-0.5
G473-0.5

```
|G379-0.5     |
|-------------|
|G378-0       |
|-------------|
|G426-0       |
|-------------|
|G483-2.5     |
|-------------|
|G469-0       |
|-------------|
|G380-0.5     |
|-------------|
|G478-2.5     |
|-------------|
|G487-1.5     |
|-------------|
|G376-0       |
|-------------|
|G474-0       |
|-------------|
|G373-0       |
|-------------|
|G376-0.5     |
|-------------|
|G481-0       |
|-------------|
|G476-2.5     |
|-------------|
|G481-2.5     |
|-------------|
|G422-0       |
|-------------|
|G479-0       |
|-------------|
|G479-0.5     |
|-------------|
|G482-1.5     |
|-------------|
|G486-2.5     |
|-------------|
|G484-0       |
|-------------|
|G484-0.5     |
|-------------|
|G489-0       |
|-------------|
|G489-0.5     |
|-------------|
|G491-0       |
|-------------|
|G422-0.5     |
|-------------|
```

TCLP:

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|-------------|
|G495-0       |
```

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|-------------|


File 1100820.xls
WET:
|-------------|
|G512-1.5     |
|-------------|
|G515-1.5     |
|-------------|
|G467-0.5     |
|-------------|
|G463-2.5     |
|-------------|
|G517-2.5     |
|-------------|
|G466-0.5     |
|-------------|
|G464-1.5     |
|-------------|
|G516-0.5     |
|-------------|
|G517-0.5     |
|-------------|
|G463-1.5     |
|-------------|
|G518-1.5     |
|-------------|
|G510-1.5     |
|-------------|
|G519-1.5     |
|-------------|
|G517-1.5     |
|-------------|
|G521-2.5     |
|-------------|


TCLP:
|-------------|
|G520-1.5     |
|-------------|


File 1100821.xls
WET:
|-------------|
|G507-1.5     |
|-------------|
|G244-0.5     |
|-------------|
|G207-0.5     |
|-------------|
|G245-0.5     |
|-------------|
|G247-0       |
```

|---|
G325-0.5
G229-0.5
G327-0
G326-0
G241-0
G225-0
G207-0
G206-0
G262-0.5
G259-0.5
G258-0.5
G224-0
G390-0.5
G325-0
G248-0.5
G205-0.5
G390-2.5
G366-.5
G247-0.5
G209-0
G387-1.5
G388-2.5
G239-0.5
G260-0.5
G242-0.5
G367-.5
G391-2.5
G255-0

G229-0
G208-0
G242-0
G387-.5
G259-0
G239-0
G241-0.5
G205-0
G263-0.5
G391-1.5
G251-0.5
G383-0
G252-0
G389-0.5

TCLP:

G258-0
G260-0
G263-0
G391-0.5
G386-0.5
G238-0
G251-0
G262-0
G324-0
G226-0.5
G385-0
G384-0
G388-0

G386-0
G261-0
G226-0
G388-.5
G254-0
G388-1.5
G390-0
G389-0
G387-0
G391-0

File 1100825.xls
WET:

G273-0.5
G275-0.5
G311-0.5
G269-0.5
G272-1.5
G285-0.5
G270-0.5
G308-2.5
G290-0.5
G279-0.5
G301-0.5
G269-1.5
G281-1.5
G284-0.5
G266-0.5

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|G282-0.5      |
|--------------|
|G277-0.5      |
|--------------|
|G304-0        |
|--------------|
|G314-0.5      |
|--------------|
|G280-0.5      |
|--------------|
|G280-0        |
|--------------|
|G300-0.5      |
|--------------|
|G267-0.5      |
|--------------|
|G278-1.5      |
|--------------|
|G277-0        |
|--------------|
|G281-0        |
|--------------|
|G281-0.5      |
|--------------|
|G290-1.5      |
|--------------|
|G296-0.5      |
|--------------|
|G283-0        |
|--------------|
|G287-0.5      |
|--------------|
|G304-0.5      |
|--------------|
|G310-0        |
|--------------|
|G264-0.5      |
|--------------|
|G298-0        |
|--------------|
|W-ALAM-C1-1.5 |
|--------------|
|G284-0        |
|--------------|
|G294-0        |
|--------------|
|G310-0.5      |
|--------------|
|G313-0.5      |
|--------------|
|G278-0        |
|--------------|
|G287-0        |
|--------------|
|G266-1.5      |
|--------------|
|G282-0        |
```

G274-0
G302-0
G312-0.5
G276-0
G296-0
G270-0
G271-0
G279-0
G266-0
G274-0.5
G286-0.5
G272-0
G286-0

TCLP:

G285-0
G264-0
G273-0
G267-0
G269-0
G293-0
G297-0
G275-0
W-ALAM-C1-0
G308-0.5
G268-0
G301-0
G290-0

```
|G303-0        |
|--------------|
|G311-0        |
|--------------|
|G300-0        |
|--------------|
|G314-0        |
|--------------|
|G307-0.5      |
|--------------|
|G305-0        |
|--------------|
|G306-0.5      |
|--------------|
|G312-0        |
|--------------|
|G313-0        |
|--------------|
```

File 1100828.xls
WET:

```
|-------------|
|G13-0        |
|-------------|
|G105-.5      |
|-------------|
|G11-0        |
|-------------|
|G99-.5       |
|-------------|
|G9-.5        |
|-------------|
|G14-.5       |
|-------------|
|G101-.5      |
|-------------|
|G111-0       |
|-------------|
|G150-0       |
|-------------|
|G9-0         |
|-------------|
|G10-0        |
|-------------|
|G12-0        |
|-------------|
|G13-.5       |
|-------------|
|G107-0       |
|-------------|
|G148-.5      |
|-------------|
|G149-0       |
|-------------|
|G4-.5        |
```

G3-.5
G140-0
G11-.5
G106-0
G115-0
G117-.5
G98-.5
G110-0
G139-.5
G145-.5
G116-.5
G28-.5
G97-.5
G115-.5
G29-.5
G98-0
G117-0
G150-.5
G138-.5
G29-0
G30-.5
G101-0
G146-0
G27-0
G31-.5
G28-0
G97-0
G120-0

```
|G118-.5      |
|-------------|
|G12-.5       |
|-------------|
|G119-.5      |
|-------------|
|G32-0        |
|-------------|
|G96-0        |
|-------------|
|G149-.5      |
|-------------|
|G116-0       |
|-------------|
|G119-0       |
|-------------|
|G2-.5        |
|-------------|
```

TCLP:

```
|-------------|
|G27-.5       |
|-------------|
|G6-0         |
|-------------|
|G136-0       |
|-------------|
|G99-0        |
|-------------|
|G135-0       |
|-------------|
|G30-0        |
|-------------|
|G5-0         |
|-------------|
|G96-.5       |
|-------------|
|G139-0       |
|-------------|
|G5-.5        |
|-------------|
|G2-0         |
|-------------|
|G3-0         |
|-------------|
```

File 1100836.xls

WET:

```
|-------------|
|G124-0       |
|-------------|
|G155-.5      |
|-------------|
|G158-0       |
```

G127-0
G172-0.5
G430-0
G127-.5
G157-0
G333-0
G178-0
G434-0
G156-0
G179-0
G320-0
G153-.5
G220-0
G154-.5
G235-0
G126-.5
G155-0
G321-0
G319-0
G317-0
G172-0
G232-0
G316-0
G124-.5
G236-0

TCLP:

G232-0.5

```
|G233-0       |
|-------------|
```

File 1100837.xls
WET:

```
|-------------|
|G66-1.5      |
|-------------|
|G74-2.5      |
|-------------|
|G66-0.5      |
|-------------|
|G69-1.5      |
|-------------|
|G71-0        |
|-------------|
|G79-0        |
|-------------|
|G63-1.5      |
|-------------|
|G59-0.5      |
|-------------|
|G77-0.5      |
|-------------|
|G57-1.5      |
|-------------|
|G63-2.5      |
|-------------|
|G65-0.5      |
|-------------|
|G62-1.5      |
|-------------|
|G54-0.5      |
|-------------|
|G63-0.5      |
|-------------|
|G56-0        |
|-------------|
|G66-0        |
|-------------|
|G63-0        |
|-------------|
|G61-1.5      |
|-------------|
|G75-0        |
|-------------|
|G75-1.5      |
|-------------|
|G68-0        |
|-------------|
|G55-1.5      |
|-------------|
|G72-0        |
|-------------|
|G58-1.5      |
```

|---|
G71-0.5
G70-1.5
G59-2.5
G66-2.5
G69-0
G70-0
G58-2.5
G65-2.5

TCLP:

|---|
G73-0
G64-0
G69-2.5
G61-0
G65-0
G76-0

CHROMIUM

File 1100809.xls
WET:

|---|
G426-0
G420-0
G424-0.5
G422-0
G422-0.5
G420-0.5
G420-1.5
G424-2.5

```
|-------------|
|G426-1.5     |
|-------------|
```

File 1100820.xls
WET:

```
|-------------|
|G463-0       |
|-------------|
|G519-1.5     |
|-------------|
```

File 1100821.xls
WET:

```
|-------------|
|G417-0       |
|-------------|
```

File 1100837.xls
WET:

```
|-------------|
|G71-1.5      |
|-------------|
```

NICKEL

File 1100809.xls
WET:

```
|-------------|
|G426-1.5     |
|-------------|
|G424-2.5     |
|-------------|
```

BARIUM

File 1100837.xls
WET:

```
|-------------|
|G49-0.5      |
|-------------|
```

MERCURY

File 1100837.xls
WET:

G15-0
G15-2.5
G72-1.5
G18-2.5
G18-0
G24-2.5
G22-0.5
G47-0
G33-0.5
G19-0
G40-0.5
G20-1.5
G47-0.5
G48-0.5
G23-0.5
G19-0.5
G33-1.5
G72-0.5
G73-1.5
G17-0

As always, thank you very much.
Luann

ADVANCED TECHNOLOGY LABORATORIES

January 17, 2012

ELAP No.: 1838
NELAP No.: 02107CA
CSDLAC No.: 10196
ORELAP No.: CA300003

Luann Beadle
Geocon Consultants, Inc.
6671 Brisa Street
Livermore, CA 94550
Tel: (925) 371-5900
Fax:(925) 371-5915

Re: ATL Work Order Number : 1100828
Client Reference : TO-16, E8560-06-16

Enclosed are the results for sample(s) received on December 29, 2011 by Advanced Technology Laboratories. The sample(s) are tested for the parameters as indicated on the enclosed chain of custody in accordance with applicable laboratory certifications. The laboratory results contained in this report specifically pertains to the sample(s) submitted.

Thank you for the opportunity to serve the needs of your company. If you have any questions, please feel free to contact me or your Project Manager.

Sincerely,

Eddie Rodriguez
Laboratory Director

The cover letter and the case narrative are an integral part of this analytical report and its absence renders the report invalid. The report cannot be reproduced without written permission from the client and Advanced Technology Laboratories.

Geocon Consultants, Inc.	Project Number : TO-16, E8560-06-16
6671 Brisa Street	Report To : Luann Beadle
Livermore , CA 94550	Reported : 01/17/2012

SUMMARY OF SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
G145-.5	1100828-14	Soil	12/28/11 9:05	12/29/11 9:40
G146-0	1100828-15	Soil	12/28/11 9:10	12/29/11 9:40
G148-.5	1100828-20	Soil	12/28/11 9:01	12/29/11 9:40
G150-.5	1100828-24	Soil	12/28/11 9:08	12/29/11 9:40
G138-.5	1100828-32	Soil	12/28/11 9:37	12/29/11 9:40
G139-.5	1100828-34	Soil	12/28/11 9:41	12/29/11 9:40
G115-.5	1100828-38	Soil	12/28/11 10:15	12/29/11 9:40
G116-0	1100828-39	Soil	12/28/11 10:20	12/29/11 9:40
G116-.5	1100828-40	Soil	12/28/11 10:20	12/29/11 9:40
G117-0	1100828-41	Soil	12/28/11 10:25	12/29/11 9:40
G117-.5	1100828-42	Soil	12/28/11 10:25	12/29/11 9:40
G118-.5	1100828-44	Soil	12/28/11 10:14	12/29/11 9:40
G119-0	1100828-45	Soil	12/28/11 10:17	12/29/11 9:40
G119-.5	1100828-46	Soil	12/28/11 10:17	12/29/11 9:40
G120-0	1100828-47	Soil	12/28/11 10:19	12/29/11 9:40
G12-.5	1100828-56	Soil	12/28/11 11:21	12/29/11 9:40
G2-.5	1100828-64	Soil	12/28/11 12:14	12/29/11 9:40
G3-.5	1100828-66	Soil	12/28/11 12:17	12/29/11 9:40
G27-0	1100828-73	Soil	12/28/11 12:41	12/29/11 9:40
G28-0	1100828-75	Soil	12/28/11 12:44	12/29/11 9:40
G29-0	1100828-77	Soil	12/28/11 12:47	12/29/11 9:40
G29-.5	1100828-78	Soil	12/28/11 12:47	12/29/11 9:40
G32-0	1100828-83	Soil	12/28/11 12:55	12/29/11 9:40
G96-0	1100828-AJ	Soil	12/28/11 14:17	12/29/11 9:40
G97-0	1100828-AL	Soil	12/28/11 14:21	12/29/11 9:40
G101-0	1100828-AT	Soil	12/28/11 14:25	12/29/11 9:40

Geocon Consultants, Inc.	Project Number : TO-16, E8560-06-16
6671 Brisa Street	Report To : Luann Beadle
Livermore , CA 94550	Reported : 01/17/2012

STLC-DI Lead by AA (Direct Aspiration) EPA 7420

Analyte: Lead **Analyst: VV**

Laboratory ID	Client Sample ID	Result	Units	PQL	MDL	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1100828-14	G145-.5	**ND**	mg/L	0.50	NA	1	B2A0367	01/14/2012	01/16/12 17:09	
1100828-15	G146-0	**ND**	mg/L	0.50	NA	1	B2A0367	01/14/2012	01/16/12 17:10	
1100828-20	G148-.5	**ND**	mg/L	0.50	NA	1	B2A0367	01/14/2012	01/16/12 17:10	
1100828-24	G150-.5	**ND**	mg/L	0.50	NA	1	B2A0367	01/14/2012	01/16/12 17:10	
1100828-32	G138-.5	**ND**	mg/L	0.50	NA	1	B2A0367	01/14/2012	01/16/12 17:11	
1100828-34	G139-.5	**ND**	mg/L	0.50	NA	1	B2A0367	01/14/2012	01/16/12 17:11	
1100828-38	G115-.5	**ND**	mg/L	0.50	NA	1	B2A0367	01/14/2012	01/16/12 17:11	
1100828-39	G116-0	**ND**	mg/L	0.50	NA	1	B2A0368	01/14/2012	01/16/12 17:14	
1100828-40	G116-.5	**ND**	mg/L	0.50	NA	1	B2A0368	01/14/2012	01/16/12 17:14	
1100828-41	G117-0	**ND**	mg/L	0.50	NA	1	B2A0368	01/14/2012	01/16/12 17:14	
1100828-42	G117-.5	**ND**	mg/L	0.50	NA	1	B2A0368	01/14/2012	01/16/12 17:15	
1100828-44	G118-.5	**ND**	mg/L	0.50	NA	1	B2A0368	01/14/2012	01/16/12 17:15	
1100828-45	G119-0	**ND**	mg/L	0.50	NA	1	B2A0368	01/14/2012	01/16/12 17:15	
1100828-46	G119-.5	**ND**	mg/L	0.50	NA	1	B2A0368	01/14/2012	01/16/12 17:15	
1100828-47	G120-0	**ND**	mg/L	0.50	NA	1	B2A0368	01/14/2012	01/16/12 17:16	
1100828-56	G12-.5	**ND**	mg/L	0.50	NA	1	B2A0368	01/14/2012	01/16/12 17:16	
1100828-64	G2-.5	**ND**	mg/L	0.50	NA	1	B2A0368	01/14/2012	01/16/12 17:17	
1100828-66	G3-.5	**ND**	mg/L	0.50	NA	1	B2A0368	01/14/2012	01/16/12 17:18	
1100828-73	G27-0	**ND**	mg/L	0.50	NA	1	B2A0368	01/14/2012	01/16/12 17:18	
1100828-75	G28-0	**ND**	mg/L	0.50	NA	1	B2A0368	01/14/2012	01/16/12 17:19	
1100828-77	G29-0	**ND**	mg/L	0.50	NA	1	B2A0368	01/14/2012	01/16/12 17:19	
1100828-78	G29-.5	**ND**	mg/L	0.50	NA	1	B2A0368	01/14/2012	01/16/12 17:19	
1100828-83	G32-0	**ND**	mg/L	0.50	NA	1	B2A0368	01/14/2012	01/16/12 17:19	
1100828-AJ	G96-0	**ND**	mg/L	0.50	NA	1	B2A0368	01/14/2012	01/16/12 17:21	
1100828-AL	G97-0	**ND**	mg/L	0.50	NA	1	B2A0368	01/14/2012	01/16/12 17:21	
1100828-AT	G101-0	**ND**	mg/L	0.50	NA	1	B2A0368	01/14/2012	01/16/12 17:21	

Geocon Consultants, Inc.	Project Number : TO-16, E8560-06-16
6671 Brisa Street	Report To : Luann Beadle
Livermore , CA 94550	Reported : 01/17/2012

QUALITY CONTROL SECTION

STLC-DI Lead by AA (Direct Aspiration) EPA 7420 - Quality Control

Analyte	Result (mg/L)	PQL (mg/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0367 - STLC DI Extraction									
Blank (B2A0367-BLK1)					Prepared: 1/14/2012 Analyzed: 1/16/2012				
Lead	ND	0.50			NR				
Blank (B2A0367-BLK2)					Prepared: 1/14/2012 Analyzed: 1/16/2012				
Lead	ND	0.50			NR				
LCS (B2A0367-BS1)					Prepared: 1/14/2012 Analyzed: 1/16/2012				
Lead	5.1	0.05	5.00		102	80 - 120			
Duplicate (B2A0367-DUP1)		**Source: 1100825-CZ**			Prepared: 1/14/2012 Analyzed: 1/16/2012				
Lead	0.06	0.50		ND	NR			20	
Duplicate (B2A0367-DUP2)		**Source: 1100828-38**			Prepared: 1/14/2012 Analyzed: 1/16/2012				
Lead	ND	0.50		ND	NR			20	
Matrix Spike (B2A0367-MS1)		**Source: 1100825-CZ**			Prepared: 1/14/2012 Analyzed: 1/16/2012				
Lead	5.1	0.05	5.00	ND	102	80 - 120			
Matrix Spike (B2A0367-MS2)		**Source: 1100828-38**			Prepared: 1/14/2012 Analyzed: 1/16/2012				
Lead	5.1	0.05	5.00	ND	101	80 - 120			
Matrix Spike Dup (B2A0367-MSD1)		**Source: 1100825-CZ**			Prepared: 1/14/2012 Analyzed: 1/16/2012				
Lead	5.2	0.05	5.00	ND	103	80 - 120	1.11	20	
Batch B2A0368 - STLC DI Extraction									
Blank (B2A0368-BLK1)					Prepared: 1/14/2012 Analyzed: 1/16/2012				
Lead	ND	0.50			NR				
Blank (B2A0368-BLK2)					Prepared: 1/14/2012 Analyzed: 1/16/2012				
Lead	ND	0.50			NR				
LCS (B2A0368-BS1)					Prepared: 1/14/2012 Analyzed: 1/16/2012				
Lead	4.9	0.05	5.00		98.3	80 - 120			
Duplicate (B2A0368-DUP1)		**Source: 1100828-64**			Prepared: 1/14/2012 Analyzed: 1/16/2012				
Lead	0.10	0.50		0.07	NR		26.1	20	R
Duplicate (B2A0368-DUP2)		**Source: 1100836-06**			Prepared: 1/14/2012 Analyzed: 1/16/2012				
Lead	ND	0.50		ND	NR			20	
Matrix Spike (B2A0368-MS1)		**Source: 1100828-64**			Prepared: 1/14/2012 Analyzed: 1/16/2012				
Lead	5.1	0.05	5.00	0.07	100	80 - 120			
Matrix Spike (B2A0368-MS2)		**Source: 1100836-06**			Prepared: 1/14/2012 Analyzed: 1/16/2012				
Lead	5.1	0.05	5.00	ND	103	80 - 120			

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/17/2012

STLC-DI Lead by AA (Direct Aspiration) EPA 7420 - Quality Control (cont'd)

Analyte	Result (mg/L)	PQL (mg/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0368 - STLC DI Extraction (continued)									
Matrix Spike Dup (B2A0368-MSD1)		**Source: 1100828-64**			Prepared: 1/14/2012 Analyzed: 1/16/2012				
Lead	5.1	0.05	5.00	0.07	101	80 - 120	0.265	20	
Batch S2A0168 - B2A0372									
Instrument Blank (S2A0168-IBL1)					Prepared: 1/16/2012 Analyzed: 1/16/2012				
Lead	ND	0.50			NR				

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/17/2012

Notes and Definitions

R	RPD value outside acceptance criteria. Calculation is based on raw values.
ND	Analyte not detected at or above reporting limit
PQL	Practical Quantitation Limit
MDL	Method Detection Limit
NR	Not Reported
RPD	Relative Percent Difference

Diane Galvan

From: Luann Beadle [beadle@geoconinc.com]
Sent: Thursday, January 12, 2012 11:54 AM
To: Diane Galvan
Subject: Additional Results/EDD - TO-16 (1100828add1.xls)

Hi Diane,

Per Caltrans, please do the following on an expedited TAT:

Run DI-WET for the following:

Sample Name	Lab Sample ID	Analyte
G139-.5	1100828-34	Lead
G97-0	1100828-AL	Lead
G3-.5	1100828-66	Lead
G116-.5	1100828-40	Lead
G117-0	1100828-41	Lead
G29-.5	1100828-78	Lead
G101-0	1100828-AT	Lead
G150-.5	1100828-24	Lead
G96-0	1100828-AJ	Lead
G29-0	1100828-77	Lead
G138-.5	1100828-32	Lead
G115-.5	1100828-38	Lead
G28-0	1100828-75	Lead
G12-.5	1100828-56	Lead
G117-.5	1100828-42	Lead
G146-0	1100828-15	Lead
G148-.5	1100828-20	Lead
G118-.5	1100828-44	Lead
G119-0	1100828-45	Lead
G32-0	1100828-83	Lead

```
|G145-.5      |1100828-14 |Lead     |
|-------------+-----------+---------|
|G116-0       |1100828-39 |Lead     |
|-------------+-----------+---------|
|G2-.5        |1100828-64 |Lead     |
|-------------+-----------+---------|
|G120-0       |1100828-47 |Lead     |
|-------------+-----------+---------|
|G27-0        |1100828-73 |Lead     |
|-------------+-----------+---------|
|G119-.5      |1100828-46 |Lead     |
|-------------+-----------+---------|
```

Thank you,
Luann

ADVANCED TECHNOLOGY LABORATORIES

January 20, 2012

ELAP No.: 1838
NELAP No.: 02107CA
CSDLAC No.: 10196
ORELAP No.: CA300003

Luann Beadle
Geocon Consultants, Inc.
6671 Brisa Street
Livermore, CA 94550
Tel: (925) 371-5900
Fax:(925) 371-5915

Re: ATL Work Order Number : 1100828
Client Reference : TO-16, E8560-06-16

Enclosed are the results for sample(s) received on December 29, 2011 by Advanced Technology Laboratories. The sample(s) are tested for the parameters as indicated on the enclosed chain of custody in accordance with applicable laboratory certifications. The laboratory results contained in this report specifically pertains to the sample(s) submitted.

Thank you for the opportunity to serve the needs of your company. If you have any questions, please feel free to contact me or your Project Manager.

Sincerely,

Eddie Rodriguez
Laboratory Director

The cover letter and the case narrative are an integral part of this analytical report and its absence renders the report invalid. The report cannot be reproduced without written permission from the client and Advanced Technology Laboratories.

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Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/20/2012

SUMMARY OF SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
G135-0	1100828-25	Soil	12/28/11 9:40	12/29/11 9:40
G136-0	1100828-27	Soil	12/28/11 9:45	12/29/11 9:40
G139-0	1100828-33	Soil	12/28/11 9:41	12/29/11 9:40
G2-0	1100828-63	Soil	12/28/11 12:14	12/29/11 9:40
G3-0	1100828-65	Soil	12/28/11 12:17	12/29/11 9:40
G5-0	1100828-69	Soil	12/28/11 12:30	12/29/11 9:40
G5-.5	1100828-70	Soil	12/28/11 12:30	12/29/11 9:40
G6-0	1100828-71	Soil	12/28/11 12:21	12/29/11 9:40
G27-.5	1100828-74	Soil	12/28/11 12:41	12/29/11 9:40
G30-0	1100828-79	Soil	12/28/11 12:45	12/29/11 9:40
G96-.5	1100828-AK	Soil	12/28/11 14:17	12/29/11 9:40
G99-0	1100828-AP	Soil	12/28/11 14:15	12/29/11 9:40

Geocon Consultants, Inc.	Project Number : TO-16, E8560-06-16
6671 Brisa Street	Report To : Luann Beadle
Livermore , CA 94550	Reported : 01/20/2012

STLC Lead by AA (Direct Aspiration) by EPA 7420

Analyte: Lead **Analyst: VV**

Laboratory ID	Client Sample ID	Result	Units	PQL	MDL	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1100828-25	G135-0	**13**	mg/L	1.0	NA	2	B2A0462	01/18/2012	01/20/12 14:10	
1100828-27	G136-0	**17**	mg/L	1.0	NA	2	B2A0462	01/18/2012	01/20/12 14:11	
1100828-33	G139-0	**27**	mg/L	2.5	NA	5	B2A0462	01/18/2012	01/20/12 14:15	
1100828-63	G2-0	**160**	mg/L	10	NA	20	B2A0462	01/18/2012	01/20/12 14:19	
1100828-65	G3-0	**160**	mg/L	10	NA	20	B2A0462	01/18/2012	01/20/12 14:20	
1100828-69	G5-0	**31**	mg/L	2.5	NA	5	B2A0462	01/18/2012	01/20/12 14:22	
1100828-70	G5-.5	**37**	mg/L	2.5	NA	5	B2A0462	01/18/2012	01/20/12 14:24	
1100828-71	G6-0	**17**	mg/L	1.0	NA	2	B2A0462	01/18/2012	01/20/12 14:25	
1100828-74	G27-.5	**14**	mg/L	1.0	NA	2	B2A0462	01/18/2012	01/20/12 14:29	
1100828-79	G30-0	**25**	mg/L	2.5	NA	5	B2A0459	01/18/2012	01/20/12 12:11	
1100828-AK	G96-.5	**7.7**	mg/L	0.50	NA	1	B2A0459	01/18/2012	01/20/12 12:11	
1100828-AP	G99-0	**15**	mg/L	1.0	NA	2	B2A0459	01/18/2012	01/20/12 12:12	

Geocon Consultants, Inc.	Project Number : TO-16, E8560-06-16
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QUALITY CONTROL SECTION

STLC Lead by AA (Direct Aspiration) by EPA 7420 - Quality Control

Analyte	Result (mg/L)	PQL (mg/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0459 - STLC Extraction									
LCS (B2A0459-BS1)					Prepared: 1/18/2012 Analyzed: 1/20/2012				
Lead	4.9	0.05	5.00		98.8	80 - 120			
Duplicate (B2A0459-DUP1)		**Source: 1100837-CN**			Prepared: 1/18/2012 Analyzed: 1/20/2012				
Lead	2.9	0.50		2.9	NR		0.613	20	
Duplicate (B2A0459-DUP2)		**Source: 1200023-28**			Prepared: 1/18/2012 Analyzed: 1/20/2012				
Lead	26	2.5		25	NR		4.72	20	
Matrix Spike (B2A0459-MS1)		**Source: 1100837-CN**			Prepared: 1/18/2012 Analyzed: 1/20/2012				
Lead	8.0	0.05	5.00	2.9	102	80 - 120			
Batch B2A0462 - STLC Extraction									
LCS (B2A0462-BS1)					Prepared: 1/18/2012 Analyzed: 1/20/2012				
Lead	4.9	0.05	5.00		98.3	80 - 120			
Matrix Spike (B2A0462-MS1)		**Source: 1100828-33**			Prepared: 1/18/2012 Analyzed: 1/20/2012				
Lead	27	0.25	5.00	27	-12.8	80 - 120			M1
Matrix Spike (B2A0462-MS2)		**Source: 1100828-74**			Prepared: 1/18/2012 Analyzed: 1/20/2012				
Lead	19	0.10	5.00	14	103	80 - 120			
Matrix Spike Dup (B2A0462-MSD1)		**Source: 1100828-33**			Prepared: 1/18/2012 Analyzed: 1/20/2012				
Lead	27	0.25	5.00	27	-7.50	80 - 120	0.986	20	M1
Batch S2A0089 - B2A0196									
Instrument Blank (S2A0089-IBL1)					Prepared: 1/9/2012 Analyzed: 1/9/2012				
Lead	ND	0.50			NR				
Batch S2A0095 - B2A0199									
Instrument Blank (S2A0095-IBL1)					Prepared: 1/10/2012 Analyzed: 1/10/2012				
Lead	ND	0.50			NR				
Batch S2A0236 - B2A0475									
Instrument Blank (S2A0236-IBL1)					Prepared: 1/20/2012 Analyzed: 1/20/2012				
Lead	ND	0.50			NR				

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
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Notes and Definitions

M1	Matrix spike recovery outside of acceptance limit. The analytical batch was validated by the laboratory control sample.
ND	Analyte not detected at or above reporting limit
PQL	Practical Quantitation Limit
MDL	Method Detection Limit
NR	Not Reported
RPD	Relative Percent Difference

Diane Galvan

From: Luann Beadle [beadle@geoconinc.com]
Sent: Tuesday, January 17, 2012 3:55 PM
To: Diane Galvan
Subject: TO-16 Lab Results: 1100809, 1100820, 1100821, 1100825, 1100828, 1100836, & 1100837 Spreadsheets - Run Soluble Metals

Hello Diane,
Per Caltrans, please run the following analyses on an expedited TAT.
Thank you,
Luann

Please run WETs for the samples below.

Sample Name - Lab Sample ID - Analyte

FILE 1100809.xls

G495-0	1100809-GN	Lead

FILE 1100820.xls

G520-1.5	1100820-67	Lead

FILE 1100821.xls

G258-0	1100821-72	Lead
G260-0	1100821-76	Lead
G263-0	1100821-82	Lead
G391-0.5	1100821-33	Lead
G386-0.5	1100821-37	Lead
G238-0	1100821-98	Lead
G251-0	1100821-86	Lead
G262-0	1100821-80	Lead
G324-0	1100821-BW	Lead
G226-0.5	1100821-AZ	Lead
G385-0	1100821-68	Lead
G384-0	1100821-64	Lead
G388-0	1100821-56	Lead

G386-0	1100821-36	Lead
G261-0	1100821-78	Lead
G226-0	1100821-AY	Lead
G388-.5	1100821-57	Lead
G254-0	1100821-92	Lead
G388-1.5	1100821-58	Lead
G390-0	1100821-28	Lead
G389-0	1100821-24	Lead
G387-0	1100821-52	Lead
G391-0	1100821-32	Lead

FILE 1100825.xls

G285-0	1100825-85	Lead
G264-0	1100825-01	Lead
G273-0	1100825-37	Lead
G267-0	1100825-09	Lead
G269-0	1100825-21	Lead
G293-0	1100825-AJ	Lead
G297-0	1100825-AZ	Lead
G275-0	1100825-45	Lead
W-ALAM-C1-0	1100825-17	Lead
G308-0.5	1100825-CS	Lead
G268-0	1100825-13	Lead
G301-0	1100825-BP	Lead
G290-0	1100825-AB	Lead
G303-0	1100825-BX	Lead
G311-0	1100825-DD	Lead
G300-0	1100825-BL	Lead

G314-0	1100825-DP	Lead
G307-0.5	1100825-CO	Lead
G305-0	1100825-CF	Lead
G306-0.5	1100825-CK	Lead
G312-0	1100825-DH	Lead
G313-0	1100825-DL	Lead

FILE 1100828.xls

G27-.5	1100828-74	Lead
G6-0	1100828-71	Lead
G136-0	1100828-27	Lead
G99-0	1100828-AP	Lead
G135-0	1100828-25	Lead
G30-0	1100828-79	Lead
G5-0	1100828-69	Lead
G96-.5	1100828-AK	Lead
G139-0	1100828-33	Lead
G5-.5	1100828-70	Lead
G2-0	1100828-63	Lead
G3-0	1100828-65	Lead

FILE 1100836.xls

G232-0.5	1100836-52	Lead
G233-0	1100836-53	Lead

FILE 1100837.xls

G73-0	1100837-CN	Lead
G64-0	1100837-BH	Lead

G69-2.5	1100837-CA	Lead
G61-0	1100837-AV	Lead
G65-0	1100837-BL	Lead
G76-0	1100837-CZ	Lead

ADVANCED TECHNOLOGY LABORATORIES

January 04, 2012

ELAP No.: 1838
NELAP No.: 02107CA
CSDLAC No.: 10196
ORELAP No.: CA300003

Luann Beadle
Geocon Consultants, Inc.
6671 Brisa Street
Livermore, CA 94550
Tel: (925) 371-5900
Fax:(925) 371-5915

Re: ATL Work Order Number : 1100836
Client Reference : TO-16, E8560-06-16

Enclosed are the results for sample(s) received on December 30, 2011 by Advanced Technology Laboratories. The sample(s) are tested for the parameters as indicated on the enclosed chain of custody in accordance with applicable laboratory certifications. The laboratory results contained in this report specifically pertains to the sample(s) submitted.

Thank you for the opportunity to serve the needs of your company. If you have any questions, please feel free to contact me or your Project Manager.

Sincerely,

Eddie Rodriguez
Laboratory Director

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Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

SUMMARY OF SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
G122-0	1100836-01	Soil	12/29/11 8:24	12/30/11 7:48
G122-.5	1100836-02	Soil	12/29/11 8:24	12/30/11 7:48
G123-0	1100836-03	Soil	12/29/11 8:27	12/30/11 7:48
G123-.5	1100836-04	Soil	12/29/11 8:27	12/30/11 7:48
G124-0	1100836-05	Soil	12/29/11 8:34	12/30/11 7:48
G124-.5	1100836-06	Soil	12/29/11 8:34	12/30/11 7:48
G125-0	1100836-07	Soil	12/29/11 8:30	12/30/11 7:48
G125-.5	1100836-08	Soil	12/29/11 8:30	12/30/11 7:48
G126-0	1100836-09	Soil	12/29/11 8:35	12/30/11 7:48
G126-.5	1100836-10	Soil	12/29/11 8:35	12/30/11 7:48
G127-0	1100836-11	Soil	12/29/11 8:40	12/30/11 7:48
G127-.5	1100836-12	Soil	12/29/11 8:40	12/30/11 7:48
G153-0	1100836-13	Soil	12/29/11 9:17	12/30/11 7:48
G153-.5	1100836-14	Soil	12/29/11 9:17	12/30/11 7:48
G154-0	1100836-15	Soil	12/29/11 9:21	12/30/11 7:48
G154-.5	1100836-16	Soil	12/29/11 9:21	12/30/11 7:48
G155-0	1100836-17	Soil	12/29/11 9:26	12/30/11 7:48
G155-.5	1100836-18	Soil	12/29/11 9:26	12/30/11 7:48
G156-0	1100836-19	Soil	12/29/11 9:20	12/30/11 7:48
G156-.5	1100836-20	Soil	12/29/11 9:20	12/30/11 7:48
G157-0	1100836-21	Soil	12/29/11 9:25	12/30/11 7:48
G157-0.5	1100836-22	Soil	12/29/11 9:25	12/30/11 7:48
G158-0	1100836-23	Soil	12/29/11 9:30	12/30/11 7:48
G158-0.5	1100836-24	Soil	12/29/11 9:30	12/30/11 7:48
G167-0	1100836-25	Soil	12/29/11 9:40	12/30/11 7:48
G167-0.5	1100836-26	Soil	12/29/11 9:40	12/30/11 7:48
G168-0	1100836-27	Soil	12/29/11 9:45	12/30/11 7:48
G168-0.5	1100836-28	Soil	12/29/11 9:45	12/30/11 7:48
G169-0	1100836-29	Soil	12/29/11 9:55	12/30/11 7:48
G169-0.5	1100836-30	Soil	12/29/11 9:55	12/30/11 7:48
G170-0	1100836-31	Soil	12/29/11 9:44	12/30/11 7:48
G170-0.5	1100836-32	Soil	12/29/11 9:44	12/30/11 7:48
G171-0	1100836-33	Soil	12/29/11 9:57	12/30/11 7:48
G171-0.5	1100836-34	Soil	12/29/11 9:57	12/30/11 7:48
G172-0	1100836-35	Soil	12/29/11 9:51	12/30/11 7:48

Geocon Consultants, Inc.	Project Number :	TO-16, E8560-06-16	
6671 Brisa Street	Report To :	Luann Beadle	
Livermore , CA 94550	Reported :	01/04/2012	

G172-0.5	1100836-36	Soil	12/29/11 9:51	12/30/11 7:48
G174-0	1100836-37	Soil	12/29/11 10:10	12/30/11 7:48
G174-.5	1100836-38	Soil	12/29/11 10:10	12/30/11 7:48
G175-0	1100836-39	Soil	12/29/11 10:15	12/30/11 7:48
G175-.5	1100836-40	Soil	12/29/11 10:15	12/30/11 7:48
G176-0	1100836-41	Soil	12/29/11 10:20	12/30/11 7:48
G176-.5	1100836-42	Soil	12/29/11 10:20	12/30/11 7:48
G177-0	1100836-43	Soil	12/29/11 10:11	12/30/11 7:48
G177-.5	1100836-44	Soil	12/29/11 10:11	12/30/11 7:48
G178-0	1100836-45	Soil	12/29/11 10:17	12/30/11 7:48
G178-.5	1100836-46	Soil	12/29/11 10:17	12/30/11 7:48
G179-0	1100836-47	Soil	12/29/11 10:19	12/30/11 7:48
G179-.5	1100836-48	Soil	12/29/11 10:19	12/30/11 7:48
G231-0	1100836-49	Soil	12/29/11 10:55	12/30/11 7:48
G231-0.5	1100836-50	Soil	12/29/11 10:55	12/30/11 7:48
G232-0	1100836-51	Soil	12/29/11 11:00	12/30/11 7:48
G232-0.5	1100836-52	Soil	12/29/11 11:00	12/30/11 7:48
G233-0	1100836-53	Soil	12/29/11 11:05	12/30/11 7:48
G233-0.5	1100836-54	Soil	12/29/11 11:05	12/30/11 7:48
G234-0	1100836-55	Soil	12/29/11 10:51	12/30/11 7:48
G234-0.5	1100836-56	Soil	12/29/11 10:51	12/30/11 7:48
G235-0	1100836-57	Soil	12/29/11 10:54	12/30/11 7:48
G235-0.5	1100836-58	Soil	12/29/11 10:54	12/30/11 7:48
G236-0	1100836-59	Soil	12/29/11 10:58	12/30/11 7:48
G236-0.5	1100836-60	Soil	12/29/11 10:58	12/30/11 7:48
G218-0	1100836-61	Soil	12/29/11 11:15	12/30/11 7:48
G218-0.5	1100836-62	Soil	12/29/11 11:15	12/30/11 7:48
G219-0	1100836-63	Soil	12/29/11 11:20	12/30/11 7:48
G219-0.5	1100836-64	Soil	12/29/11 11:20	12/30/11 7:48
G220-0	1100836-65	Soil	12/29/11 11:25	12/30/11 7:48
G220-0.5	1100836-66	Soil	12/29/11 11:25	12/30/11 7:48
G221-0	1100836-67	Soil	12/29/11 11:11	12/30/11 7:48
G221-0.5	1100836-68	Soil	12/29/11 11:11	12/30/11 7:48
G222-0	1100836-69	Soil	12/29/11 11:14	12/30/11 7:48
G222-0.5	1100836-70	Soil	12/29/11 11:14	12/30/11 7:48
G223-0	1100836-71	Soil	12/29/11 11:17	12/30/11 7:48
G223-0.5	1100836-72	Soil	12/29/11 11:17	12/30/11 7:48
G316-0	1100836-73	Soil	12/29/11 12:47	12/30/11 7:48
G316-0.5	1100836-74	Soil	12/29/11 12:47	12/30/11 7:48

G317-0	1100836-75	Soil	12/29/11 12:54	12/30/11 7:48
G317-0.5	1100836-76	Soil	12/29/11 12:54	12/30/11 7:48
G318-0	1100836-77	Soil	12/29/11 12:59	12/30/11 7:48
G318-0.5	1100836-78	Soil	12/29/11 12:59	12/30/11 7:48
G319-0	1100836-79	Soil	12/29/11 12:47	12/30/11 7:48
G319-0.5	1100836-80	Soil	12/29/11 12:47	12/30/11 7:48
G320-0	1100836-81	Soil	12/29/11 12:51	12/30/11 7:48
G320-0.5	1100836-82	Soil	12/29/11 12:51	12/30/11 7:48
G321-0	1100836-83	Soil	12/29/11 12:54	12/30/11 7:48
G321-0.5	1100836-84	Soil	12/29/11 12:54	12/30/11 7:48
G329-0	1100836-85	Soil	12/29/11 13:15	12/30/11 7:48
G329-0.5	1100836-86	Soil	12/29/11 13:15	12/30/11 7:48
G330-0	1100836-87	Soil	12/29/11 13:20	12/30/11 7:48
G330-0.5	1100836-88	Soil	12/29/11 13:20	12/30/11 7:48
G331-0	1100836-89	Soil	12/29/11 13:25	12/30/11 7:48
G331-0.5	1100836-90	Soil	12/29/11 13:25	12/30/11 7:48
G332-0	1100836-91	Soil	12/29/11 13:21	12/30/11 7:48
G332-0.5	1100836-92	Soil	12/29/11 13:21	12/30/11 7:48
G333-0	1100836-93	Soil	12/29/11 13:24	12/30/11 7:48
G333-0.5	1100836-94	Soil	12/29/11 13:24	12/30/11 7:48
G334-0	1100836-95	Soil	12/29/11 13:27	12/30/11 7:48
G334-0.5	1100836-96	Soil	12/29/11 13:27	12/30/11 7:48
G392-0	1100836-97	Soil	12/29/11 13:45	12/30/11 7:48
G392-0.5	1100836-98	Soil	12/29/11 13:45	12/30/11 7:48
G393-0	1100836-99	Soil	12/29/11 13:50	12/30/11 7:48
G393-0.5	1100836-AA	Soil	12/29/11 13:50	12/30/11 7:48
G394-0	1100836-AB	Soil	12/29/11 13:55	12/30/11 7:48
G394-0.5	1100836-AC	Soil	12/29/11 13:55	12/30/11 7:48
G395-0	1100836-AD	Soil	12/29/11 13:44	12/30/11 7:48
G395-0.5	1100836-AE	Soil	12/29/11 13:44	12/30/11 7:48
G396-0	1100836-AF	Soil	12/29/11 13:47	12/30/11 7:48
G396-0.5	1100836-AG	Soil	12/29/11 13:47	12/30/11 7:48
G397-0	1100836-AH	Soil	12/29/11 13:49	12/30/11 7:48
G397-0.5	1100836-AI	Soil	12/29/11 13:49	12/30/11 7:48
G398-0	1100836-AJ	Soil	12/29/11 14:10	12/30/11 7:48
G398-0.5	1100836-AK	Soil	12/29/11 14:10	12/30/11 7:48
G399-0	1100836-AL	Soil	12/29/11 14:15	12/30/11 7:48
G399-0.5	1100836-AM	Soil	12/29/11 14:15	12/30/11 7:48
G400-0	1100836-AN	Soil	12/29/11 14:20	12/30/11 7:48

G400-0.5	1100836-AO	Soil	12/29/11 14:20	12/30/11 7:48
G401-0	1100836-AP	Soil	12/29/11 14:07	12/30/11 7:48
G401-0.5	1100836-AQ	Soil	12/29/11 14:07	12/30/11 7:48
G402-0	1100836-AR	Soil	12/29/11 14:11	12/30/11 7:48
G402-0.5	1100836-AS	Soil	12/29/11 14:11	12/30/11 7:48
G403-0	1100836-AT	Soil	12/29/11 14:14	12/30/11 7:48
G403-0.5	1100836-AU	Soil	12/29/11 14:14	12/30/11 7:48
G429-0	1100836-AV	Soil	12/29/11 14:35	12/30/11 7:48
G429-0.5	1100836-AW	Soil	12/29/11 14:35	12/30/11 7:48
G430-0	1100836-AX	Soil	12/29/11 14:40	12/30/11 7:48
G430-0.5	1100836-AY	Soil	12/29/11 14:40	12/30/11 7:48
G431-0	1100836-AZ	Soil	12/29/11 14:45	12/30/11 7:48
G431-0.5	1100836-BA	Soil	12/29/11 14:45	12/30/11 7:48
G432-0	1100836-BB	Soil	12/29/11 14:31	12/30/11 7:48
G432-0.5	1100836-BC	Soil	12/29/11 14:31	12/30/11 7:48
G433-0	1100836-BD	Soil	12/29/11 14:34	12/30/11 7:48
G433-0.5	1100836-BE	Soil	12/29/11 14:34	12/30/11 7:48
G434-0	1100836-BF	Soil	12/29/11 14:37	12/30/11 7:48
G434-0.5	1100836-BG	Soil	12/29/11 14:37	12/30/11 7:48
G411-0	1100836-BH	Soil	12/29/11 15:00	12/30/11 7:48
G411-0.5	1100836-BI	Soil	12/29/11 15:00	12/30/11 7:48
G412-0	1100836-BJ	Soil	12/29/11 15:05	12/30/11 7:48
G412-0.5	1100836-BK	Soil	12/29/11 15:05	12/30/11 7:48
G413-0	1100836-BL	Soil	12/29/11 15:10	12/30/11 7:48
G413-0.5	1100836-BM	Soil	12/29/11 15:10	12/30/11 7:48
G414-0	1100836-BN	Soil	12/29/11 15:00	12/30/11 7:48
G414-0.5	1100836-BO	Soil	12/29/11 15:00	12/30/11 7:48
G415-0	1100836-BP	Soil	12/29/11 15:05	12/30/11 7:48
G415-0.5	1100836-BQ	Soil	12/29/11 15:05	12/30/11 7:48
G416-0	1100836-BR	Soil	12/29/11 15:10	12/30/11 7:48
G416-0.5	1100836-BS	Soil	12/29/11 15:10	12/30/11 7:48
G404-0	1100836-BT	Soil	12/29/11 15:30	12/30/11 7:48
G404-0.5	1100836-BU	Soil	12/29/11 15:30	12/30/11 7:48
G405-0	1100836-BV	Soil	12/29/11 15:35	12/30/11 7:48
G405-0.5	1100836-BW	Soil	12/29/11 15:35	12/30/11 7:48
G406-0	1100836-BX	Soil	12/29/11 15:40	12/30/11 7:48
G406-0.5	1100836-BY	Soil	12/29/11 15:40	12/30/11 7:48
G407-0	1100836-BZ	Soil	12/29/11 15:30	12/30/11 7:48
G407-0.5	1100836-CA	Soil	12/29/11 15:30	12/30/11 7:48

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

G408-0	1100836-CB	Soil	12/29/11	15:35	12/30/11	7:48
G408-0.5	1100836-CC	Soil	12/29/11	15:35	12/30/11	7:48
G409-0	1100836-CD	Soil	12/29/11	15:40	12/30/11	7:48
G409-0.5	1100836-CE	Soil	12/29/11	15:40	12/30/11	7:48

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Lead by ICP-AES EPA 6010B

Analyte: Lead **Analyst: KK**

Laboratory ID	Client Sample ID	Result	Units	PQL	MDL	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1100836-01	G122-0	**1.8**	mg/kg	1.0	NA	1	B2A0048	01/03/2012	01/04/12 12:57	
1100836-02	G122-.5	**38**	mg/kg	1.0	NA	1	B2A0048	01/03/2012	01/04/12 12:58	
1100836-03	G123-0	**31**	mg/kg	1.0	NA	1	B2A0048	01/03/2012	01/04/12 13:01	
1100836-04	G123-.5	**40**	mg/kg	1.0	NA	1	B2A0048	01/03/2012	01/04/12 13:01	
1100836-05	G124-0	**50**	mg/kg	1.0	NA	1	B2A0048	01/03/2012	01/04/12 13:02	
1100836-06	G124-.5	**220**	mg/kg	1.0	NA	1	B2A0048	01/03/2012	01/04/12 13:03	
1100836-07	G125-0	**2.3**	mg/kg	1.0	NA	1	B2A0048	01/03/2012	01/04/12 13:04	
1100836-08	G125-.5	**21**	mg/kg	1.0	NA	1	B2A0048	01/03/2012	01/04/12 13:04	
1100836-09	G126-0	**29**	mg/kg	1.0	NA	1	B2A0048	01/03/2012	01/04/12 13:05	
1100836-10	G126-.5	**94**	mg/kg	1.0	NA	1	B2A0048	01/03/2012	01/04/12 13:06	
1100836-11	G127-0	**53**	mg/kg	1.0	NA	1	B2A0048	01/03/2012	01/04/12 13:07	
1100836-12	G127-.5	**64**	mg/kg	1.0	NA	1	B2A0048	01/03/2012	01/04/12 13:07	
1100836-13	G153-0	**22**	mg/kg	1.0	NA	1	B2A0048	01/03/2012	01/04/12 13:10	
1100836-14	G153-.5	**86**	mg/kg	1.0	NA	1	B2A0048	01/03/2012	01/04/12 13:11	
1100836-15	G154-0	**40**	mg/kg	1.0	NA	1	B2A0048	01/03/2012	01/04/12 13:12	
1100836-16	G154-.5	**90**	mg/kg	1.0	NA	1	B2A0048	01/03/2012	01/04/12 13:12	
1100836-17	G155-0	**98**	mg/kg	1.0	NA	1	B2A0048	01/03/2012	01/04/12 13:13	
1100836-18	G155-.5	**50**	mg/kg	1.0	NA	1	B2A0048	01/03/2012	01/04/12 13:14	
1100836-19	G156-0	**75**	mg/kg	1.0	NA	1	B2A0048	01/03/2012	01/04/12 13:14	
1100836-20	G156-.5	**26**	mg/kg	1.0	NA	1	B2A0048	01/03/2012	01/04/12 13:15	
1100836-21	G157-0	**64**	mg/kg	1.0	NA	1	B2A0049	01/03/2012	01/04/12 13:23	
1100836-22	G157-0.5	**12**	mg/kg	1.0	NA	1	B2A0049	01/03/2012	01/04/12 13:24	
1100836-23	G158-0	**52**	mg/kg	1.0	NA	1	B2A0049	01/03/2012	01/04/12 13:25	
1100836-24	G158-0.5	**7.1**	mg/kg	1.0	NA	1	B2A0049	01/03/2012	01/04/12 13:25	
1100836-25	G167-0	**21**	mg/kg	1.0	NA	1	B2A0049	01/03/2012	01/04/12 13:28	
1100836-26	G167-0.5	**18**	mg/kg	1.0	NA	1	B2A0049	01/03/2012	01/04/12 13:28	
1100836-27	G168-0	**26**	mg/kg	1.0	NA	1	B2A0049	01/03/2012	01/04/12 13:29	
1100836-28	G168-0.5	**25**	mg/kg	1.0	NA	1	B2A0049	01/03/2012	01/04/12 13:30	
1100836-29	G169-0	**25**	mg/kg	1.0	NA	1	B2A0049	01/03/2012	01/04/12 13:30	
1100836-30	G169-0.5	**6.0**	mg/kg	1.0	NA	1	B2A0049	01/03/2012	01/04/12 13:31	

1100836-31	G170-0	**48**	mg/kg	1.0	NA	1	B2A0049	01/03/2012	01/04/12 13:32
1100836-32	G170-0.5	**38**	mg/kg	1.0	NA	1	B2A0049	01/03/2012	01/04/12 13:32
1100836-33	G171-0	**17**	mg/kg	1.0	NA	1	B2A0049	01/03/2012	01/04/12 13:33
1100836-34	G171-0.5	**15**	mg/kg	1.0	NA	1	B2A0049	01/03/2012	01/04/12 13:34
1100836-35	G172-0	**140**	mg/kg	1.0	NA	1	B2A0049	01/03/2012	01/04/12 13:36
1100836-36	G172-0.5	**60**	mg/kg	1.0	NA	1	B2A0049	01/03/2012	01/04/12 13:37
1100836-37	G174-0	**36**	mg/kg	1.0	NA	1	B2A0049	01/03/2012	01/04/12 13:38
1100836-38	G174-.5	**15**	mg/kg	1.0	NA	1	B2A0049	01/03/2012	01/04/12 13:38
1100836-39	G175-0	**30**	mg/kg	1.0	NA	1	B2A0049	01/03/2012	01/04/12 13:39
1100836-40	G175-.5	**13**	mg/kg	1.0	NA	1	B2A0049	01/03/2012	01/04/12 13:40
1100836-41	G176-0	**18**	mg/kg	1.0	NA	1	B2A0050	01/03/2012	01/04/12 13:49
1100836-42	G176-.5	**8.3**	mg/kg	1.0	NA	1	B2A0050	01/03/2012	01/04/12 13:49
1100836-43	G177-0	**8.6**	mg/kg	1.0	NA	1	B2A0050	01/03/2012	01/04/12 13:50
1100836-44	G177-.5	**21**	mg/kg	1.0	NA	1	B2A0050	01/03/2012	01/04/12 13:51
1100836-45	G178-0	**71**	mg/kg	1.0	NA	1	B2A0050	01/03/2012	01/04/12 13:51
1100836-46	G178-.5	**22**	mg/kg	1.0	NA	1	B2A0050	01/03/2012	01/04/12 13:52
1100836-47	G179-0	**79**	mg/kg	1.0	NA	1	B2A0050	01/03/2012	01/04/12 13:54
1100836-48	G179-.5	**24**	mg/kg	1.0	NA	1	B2A0050	01/03/2012	01/04/12 13:55
1100836-49	G231-0	**5.4**	mg/kg	1.0	NA	1	B2A0050	01/03/2012	01/04/12 13:56
1100836-50	G231-0.5	**10**	mg/kg	1.0	NA	1	B2A0050	01/03/2012	01/04/12 13:56
1100836-51	G232-0	**140**	mg/kg	1.0	NA	1	B2A0050	01/03/2012	01/04/12 13:57
1100836-52	G232-0.5	**310**	mg/kg	1.0	NA	1	B2A0050	01/03/2012	01/04/12 13:58
1100836-53	G233-0	**370**	mg/kg	1.0	NA	1	B2A0050	01/03/2012	01/04/12 13:58
1100836-54	G233-0.5	**9.7**	mg/kg	1.0	NA	1	B2A0050	01/03/2012	01/04/12 13:59
1100836-55	G234-0	**8.6**	mg/kg	1.0	NA	1	B2A0050	01/03/2012	01/04/12 14:00
1100836-56	G234-0.5	**21**	mg/kg	1.0	NA	1	B2A0050	01/03/2012	01/04/12 14:00
1100836-57	G235-0	**93**	mg/kg	1.0	NA	1	B2A0050	01/03/2012	01/04/12 14:03
1100836-58	G235-0.5	**29**	mg/kg	1.0	NA	1	B2A0050	01/03/2012	01/04/12 14:04
1100836-59	G236-0	**260**	mg/kg	1.0	NA	1	B2A0050	01/03/2012	01/04/12 14:04
1100836-60	G236-0.5	**48**	mg/kg	1.0	NA	1	B2A0050	01/03/2012	01/04/12 14:05
1100836-61	G218-0	**8.1**	mg/kg	1.0	NA	1	B2A0051	01/03/2012	01/04/12 14:14
1100836-62	G218-0.5	**2.7**	mg/kg	1.0	NA	1	B2A0051	01/03/2012	01/04/12 14:15
1100836-63	G219-0	**43**	mg/kg	1.0	NA	1	B2A0051	01/03/2012	01/04/12 14:15
1100836-64	G219-0.5	**31**	mg/kg	1.0	NA	1	B2A0051	01/03/2012	01/04/12 14:16
1100836-65	G220-0	**89**	mg/kg	1.0	NA	1	B2A0051	01/03/2012	01/04/12 14:17

1100836-66	G220-0.5	**36**	mg/kg	1.0	NA	1	B2A0051	01/03/2012	01/04/12 14:17
1100836-67	G221-0	**11**	mg/kg	1.0	NA	1	B2A0051	01/03/2012	01/04/12 14:18
1100836-68	G221-0.5	**48**	mg/kg	1.0	NA	1	B2A0051	01/03/2012	01/04/12 14:19
1100836-69	G222-0	**10**	mg/kg	1.0	NA	1	B2A0051	01/03/2012	01/04/12 14:21
1100836-70	G222-0.5	**25**	mg/kg	1.0	NA	1	B2A0051	01/03/2012	01/04/12 14:22
1100836-71	G223-0	**40**	mg/kg	1.0	NA	1	B2A0051	01/03/2012	01/04/12 14:22
1100836-72	G223-0.5	**21**	mg/kg	1.0	NA	1	B2A0051	01/03/2012	01/04/12 14:23
1100836-73	G316-0	**200**	mg/kg	1.0	NA	1	B2A0051	01/03/2012	01/04/12 14:24
1100836-74	G316-0.5	**20**	mg/kg	1.0	NA	1	B2A0051	01/03/2012	01/04/12 14:24
1100836-75	G317-0	**130**	mg/kg	1.0	NA	1	B2A0051	01/03/2012	01/04/12 14:25
1100836-76	G317-0.5	**28**	mg/kg	1.0	NA	1	B2A0051	01/03/2012	01/04/12 14:26
1100836-77	G318-0	**45**	mg/kg	1.0	NA	1	B2A0051	01/03/2012	01/04/12 14:26
1100836-78	G318-0.5	**28**	mg/kg	1.0	NA	1	B2A0051	01/03/2012	01/04/12 14:27
1100836-79	G319-0	**120**	mg/kg	1.0	NA	1	B2A0051	01/03/2012	01/04/12 14:30
1100836-80	G319-0.5	**34**	mg/kg	1.0	NA	1	B2A0051	01/03/2012	01/04/12 14:31
1100836-81	G320-0	**84**	mg/kg	1.0	NA	1	B2A0052	01/03/2012	01/04/12 14:40
1100836-82	G320-0.5	**40**	mg/kg	1.0	NA	1	B2A0052	01/03/2012	01/04/12 14:41
1100836-83	G321-0	**110**	mg/kg	1.0	NA	1	B2A0052	01/03/2012	01/04/12 14:41
1100836-84	G321-0.5	**25**	mg/kg	1.0	NA	1	B2A0052	01/03/2012	01/04/12 14:42
1100836-85	G329-0	**7.1**	mg/kg	1.0	NA	1	B2A0052	01/03/2012	01/04/12 14:43
1100836-86	G329-0.5	**10**	mg/kg	1.0	NA	1	B2A0052	01/03/2012	01/04/12 14:43
1100836-87	G330-0	**30**	mg/kg	1.0	NA	1	B2A0052	01/03/2012	01/04/12 14:44
1100836-88	G330-0.5	**12**	mg/kg	1.0	NA	1	B2A0052	01/03/2012	01/04/12 14:45
1100836-89	G331-0	**19**	mg/kg	1.0	NA	1	B2A0052	01/03/2012	01/04/12 14:45
1100836-90	G331-0.5	**11**	mg/kg	1.0	NA	1	B2A0052	01/03/2012	01/04/12 14:46
1100836-91	G332-0	**8.5**	mg/kg	1.0	NA	1	B2A0052	01/03/2012	01/04/12 14:48
1100836-92	G332-0.5	**35**	mg/kg	1.0	NA	1	B2A0052	01/03/2012	01/04/12 14:49
1100836-93	G333-0	**67**	mg/kg	1.0	NA	1	B2A0052	01/03/2012	01/04/12 14:50
1100836-94	G333-0.5	**36**	mg/kg	1.0	NA	1	B2A0052	01/03/2012	01/04/12 14:50
1100836-95	G334-0	**17**	mg/kg	1.0	NA	1	B2A0052	01/03/2012	01/04/12 14:51
1100836-96	G334-0.5	**17**	mg/kg	1.0	NA	1	B2A0052	01/03/2012	01/04/12 14:52
1100836-97	G392-0	**7.5**	mg/kg	1.0	NA	1	B2A0052	01/03/2012	01/04/12 14:52
1100836-98	G392-0.5	**5.3**	mg/kg	1.0	NA	1	B2A0052	01/03/2012	01/04/12 14:53
1100836-99	G393-0	**7.2**	mg/kg	1.0	NA	1	B2A0052	01/03/2012	01/04/12 14:54
1100836-AA	G393-0.5	**5.5**	mg/kg	1.0	NA	1	B2A0052	01/03/2012	01/04/12 14:54

1100836-AB	G394-0	**7.0**	mg/kg	1.0	NA	1	B2A0053	01/03/2012	01/04/12 15:03
1100836-AC	G394-0.5	**6.6**	mg/kg	1.0	NA	1	B2A0053	01/03/2012	01/04/12 15:04
1100836-AD	G395-0	**6.4**	mg/kg	1.0	NA	1	B2A0053	01/03/2012	01/04/12 15:07
1100836-AE	G395-0.5	**7.7**	mg/kg	1.0	NA	1	B2A0053	01/03/2012	01/04/12 15:07
1100836-AF	G396-0	**8.9**	mg/kg	1.0	NA	1	B2A0053	01/03/2012	01/04/12 15:08
1100836-AG	G396-0.5	**8.1**	mg/kg	1.0	NA	1	B2A0053	01/03/2012	01/04/12 15:09
1100836-AH	G397-0	**8.8**	mg/kg	1.0	NA	1	B2A0053	01/03/2012	01/04/12 15:09
1100836-AI	G397-0.5	**6.5**	mg/kg	1.0	NA	1	B2A0053	01/03/2012	01/04/12 15:10
1100836-AJ	G398-0	**6.1**	mg/kg	1.0	NA	1	B2A0053	01/03/2012	01/04/12 15:11
1100836-AK	G398-0.5	**37**	mg/kg	1.0	NA	1	B2A0053	01/03/2012	01/04/12 15:11
1100836-AL	G399-0	**17**	mg/kg	1.0	NA	1	B2A0053	01/03/2012	01/04/12 15:12
1100836-AM	G399-0.5	**7.6**	mg/kg	1.0	NA	1	B2A0053	01/03/2012	01/04/12 15:13
1100836-AN	G400-0	**11**	mg/kg	1.0	NA	1	B2A0053	01/03/2012	01/04/12 15:15
1100836-AO	G400-0.5	**7.9**	mg/kg	1.0	NA	1	B2A0053	01/03/2012	01/04/12 15:16
1100836-AP	G401-0	**5.5**	mg/kg	1.0	NA	1	B2A0053	01/03/2012	01/04/12 15:16
1100836-AQ	G401-0.5	**6.3**	mg/kg	1.0	NA	1	B2A0053	01/03/2012	01/04/12 15:17
1100836-AR	G402-0	**9.7**	mg/kg	1.0	NA	1	B2A0053	01/03/2012	01/04/12 15:18
1100836-AS	G402-0.5	**6.6**	mg/kg	1.0	NA	1	B2A0053	01/03/2012	01/04/12 15:18
1100836-AT	G403-0	**9.3**	mg/kg	1.0	NA	1	B2A0053	01/03/2012	01/04/12 15:19
1100836-AU	G403-0.5	**13**	mg/kg	1.0	NA	1	B2A0053	01/03/2012	01/04/12 15:20
1100836-AV	G429-0	**10**	mg/kg	1.0	NA	1	B2A0054	01/03/2012	01/04/12 15:29
1100836-AW	G429-0.5	**6.0**	mg/kg	1.0	NA	1	B2A0054	01/03/2012	01/04/12 15:29
1100836-AX	G430-0	**60**	mg/kg	1.0	NA	1	B2A0054	01/03/2012	01/04/12 15:30
1100836-AY	G430-0.5	**19**	mg/kg	1.0	NA	1	B2A0054	01/03/2012	01/04/12 15:31
1100836-AZ	G431-0	**39**	mg/kg	1.0	NA	1	B2A0054	01/03/2012	01/04/12 15:33
1100836-BA	G431-0.5	**11**	mg/kg	1.0	NA	1	B2A0054	01/03/2012	01/04/12 15:34
1100836-BB	G432-0	**4.7**	mg/kg	1.0	NA	1	B2A0054	01/03/2012	01/04/12 15:35
1100836-BC	G432-0.5	**30**	mg/kg	1.0	NA	1	B2A0054	01/03/2012	01/04/12 15:35
1100836-BD	G433-0	**25**	mg/kg	1.0	NA	1	B2A0054	01/03/2012	01/04/12 15:36
1100836-BE	G433-0.5	**11**	mg/kg	1.0	NA	1	B2A0054	01/03/2012	01/04/12 15:37
1100836-BF	G434-0	**71**	mg/kg	1.0	NA	1	B2A0054	01/03/2012	01/04/12 15:37
1100836-BG	G434-0.5	**19**	mg/kg	1.0	NA	1	B2A0054	01/03/2012	01/04/12 15:38
1100836-BH	G411-0	**19**	mg/kg	1.0	NA	1	B2A0054	01/03/2012	01/04/12 15:39
1100836-BI	G411-0.5	**14**	mg/kg	1.0	NA	1	B2A0054	01/03/2012	01/04/12 15:39
1100836-BJ	G412-0	**11**	mg/kg	1.0	NA	1	B2A0054	01/03/2012	01/04/12 15:42

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1100836-BK	G412-0.5	**2.7**	mg/kg	1.0	NA	1	B2A0054	01/03/2012	01/04/12 15:42
1100836-BL	G413-0	**13**	mg/kg	1.0	NA	1	B2A0054	01/03/2012	01/04/12 15:43
1100836-BM	G413-0.5	**2.3**	mg/kg	1.0	NA	1	B2A0054	01/03/2012	01/04/12 15:44
1100836-BN	G414-0	**15**	mg/kg	1.0	NA	1	B2A0054	01/03/2012	01/04/12 15:44
1100836-BO	G414-0.5	**2.3**	mg/kg	1.0	NA	1	B2A0054	01/03/2012	01/04/12 15:45
1100836-BP	G415-0	**15**	mg/kg	1.0	NA	1	B2A0055	01/03/2012	01/04/12 15:54
1100836-BQ	G415-0.5	**18**	mg/kg	1.0	NA	1	B2A0055	01/03/2012	01/04/12 15:55
1100836-BR	G416-0	**15**	mg/kg	1.0	NA	1	B2A0055	01/03/2012	01/04/12 15:55
1100836-BS	G416-0.5	**5.3**	mg/kg	1.0	NA	1	B2A0055	01/03/2012	01/04/12 15:56
1100836-BT	G404-0	**7.0**	mg/kg	1.0	NA	1	B2A0055	01/03/2012	01/04/12 15:57
1100836-BU	G404-0.5	**4.7**	mg/kg	1.0	NA	1	B2A0055	01/03/2012	01/04/12 15:57
1100836-BV	G405-0	**11**	mg/kg	1.0	NA	1	B2A0055	01/03/2012	01/04/12 16:00
1100836-BW	G405-0.5	**48**	mg/kg	1.0	NA	1	B2A0055	01/03/2012	01/04/12 16:01
1100836-BX	G406-0	**29**	mg/kg	1.0	NA	1	B2A0055	01/03/2012	01/04/12 16:01
1100836-BY	G406-0.5	**9.5**	mg/kg	1.0	NA	1	B2A0055	01/03/2012	01/04/12 16:02
1100836-BZ	G407-0	**5.2**	mg/kg	1.0	NA	1	B2A0055	01/03/2012	01/04/12 16:03
1100836-CA	G407-0.5	**14**	mg/kg	1.0	NA	1	B2A0055	01/03/2012	01/04/12 16:03
1100836-CB	G408-0	**24**	mg/kg	1.0	NA	1	B2A0055	01/03/2012	01/04/12 16:04
1100836-CC	G408-0.5	**17**	mg/kg	1.0	NA	1	B2A0055	01/03/2012	01/04/12 16:05
1100836-CD	G409-0	**19**	mg/kg	1.0	NA	1	B2A0055	01/03/2012	01/04/12 16:05
1100836-CE	G409-0.5	**16**	mg/kg	1.0	NA	1	B2A0055	01/03/2012	01/04/12 16:06

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Hexavalent Chromium by EPA 7196A/3060A

Analyte: Hexavalent Chromium **Analyst: AG**

Laboratory ID	Client Sample ID	Result	Units	PQL	MDL	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1100836-01	G122-0	**ND**	mg/kg	1.0	NA	1	B2A0115	01/03/2012	01/04/12 16:00	
1100836-13	G153-0	**ND**	mg/kg	1.0	NA	1	B2A0115	01/03/2012	01/04/12 16:00	
1100836-25	G167-0	**ND**	mg/kg	1.0	NA	1	B2A0115	01/03/2012	01/04/12 16:00	
1100836-37	G174-0	**ND**	mg/kg	1.0	NA	1	B2A0115	01/03/2012	01/04/12 16:00	
1100836-49	G231-0	**ND**	mg/kg	1.0	NA	1	B2A0115	01/03/2012	01/04/12 16:00	
1100836-61	G218-0	**ND**	mg/kg	1.0	NA	1	B2A0115	01/03/2012	01/04/12 16:00	
1100836-73	G316-0	**ND**	mg/kg	1.0	NA	1	B2A0115	01/03/2012	01/04/12 16:00	
1100836-85	G329-0	**ND**	mg/kg	1.0	NA	1	B2A0115	01/03/2012	01/04/12 16:00	
1100836-AJ	G398-0	**ND**	mg/kg	1.0	NA	1	B2A0115	01/03/2012	01/04/12 16:00	
1100836-AV	G429-0	**ND**	mg/kg	1.0	NA	1	B2A0115	01/03/2012	01/04/12 16:00	
1100836-BH	G411-0	**ND**	mg/kg	1.0	NA	1	B2A0117	01/03/2012	01/04/12 16:40	
1100836-BT	G404-0	**ND**	mg/kg	1.0	NA	1	B2A0117	01/03/2012	01/04/12 16:40	

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pH by EPA 9045C

Analyte: pH **Analyst: PT**

Laboratory ID	Client Sample ID	Result	Units	PQL	MDL	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1100836-10	G126-.5	**8.0**	pH Units	0.10	NA	1	B2A0093	01/04/2012	01/04/12 10:00	
1100836-20	G156-.5	**8.7**	pH Units	0.10	NA	1	B2A0093	01/04/2012	01/04/12 10:00	
1100836-30	G169-0.5	**8.2**	pH Units	0.10	NA	1	B2A0093	01/04/2012	01/04/12 10:00	
1100836-40	G175-.5	**7.9**	pH Units	0.10	NA	1	B2A0093	01/04/2012	01/04/12 10:00	
1100836-50	G231-0.5	**8.4**	pH Units	0.10	NA	1	B2A0093	01/04/2012	01/04/12 10:00	
1100836-60	G236-0.5	**8.0**	pH Units	0.10	NA	1	B2A0093	01/04/2012	01/04/12 10:00	
1100836-70	G222-0.5	**6.8**	pH Units	0.10	NA	1	B2A0093	01/04/2012	01/04/12 10:00	
1100836-80	G319-0.5	**7.4**	pH Units	0.10	NA	1	B2A0093	01/04/2012	01/04/12 10:00	
1100836-90	G331-0.5	**7.5**	pH Units	0.10	NA	1	B2A0093	01/04/2012	01/04/12 10:00	
1100836-AA	G393-0.5	**7.7**	pH Units	0.10	NA	1	B2A0093	01/04/2012	01/04/12 10:00	
1100836-AK	G398-0.5	**7.9**	pH Units	0.10	NA	1	B2A0095	01/04/2012	01/04/12 10:30	
1100836-AU	G403-0.5	**7.1**	pH Units	0.10	NA	1	B2A0095	01/04/2012	01/04/12 10:30	
1100836-BE	G433-0.5	**7.7**	pH Units	0.10	NA	1	B2A0095	01/04/2012	01/04/12 10:30	
1100836-BO	G414-0.5	**8.2**	pH Units	0.10	NA	1	B2A0095	01/04/2012	01/04/12 10:30	
1100836-BY	G406-0.5	**8.0**	pH Units	0.10	NA	1	B2A0095	01/04/2012	01/04/12 10:30	
1100836-CE	G409-0.5	**8.6**	pH Units	0.10	NA	1	B2A0095	01/04/2012	01/04/12 10:30	

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QUALITY CONTROL SECTION

Lead by ICP-AES EPA 6010B - Quality Control

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0048 - EPA 3050 Modified									
Blank (B2A0048-BLK1)					Prepared: 1/3/2012 Analyzed: 1/4/2012				
Lead	ND	1.0			NR				
Blank (B2A0048-BLK2)					Prepared: 1/3/2012 Analyzed: 1/4/2012				
Lead	ND	1.0			NR				
LCS (B2A0048-BS1)					Prepared: 1/3/2012 Analyzed: 1/4/2012				
Lead	290	1.0	250		115	80 - 120			
Duplicate (B2A0048-DUP1)		**Source: 1100836-20**			Prepared: 1/3/2012 Analyzed: 1/4/2012				
Lead	31	1.0		26	NR		19.1	20	
Duplicate (B2A0048-DUP2)		**Source: 1100836-10**			Prepared: 1/3/2012 Analyzed: 1/4/2012				
Lead	110	1.0		94	NR		14.6	20	
Matrix Spike (B2A0048-MS1)		**Source: 1100836-20**			Prepared: 1/3/2012 Analyzed: 1/4/2012				
Lead	250	1.0	250	26	87.8	46 - 116			
Matrix Spike (B2A0048-MS2)		**Source: 1100836-10**			Prepared: 1/3/2012 Analyzed: 1/4/2012				
Lead	310	1.0	250	94	87.6	46 - 116			
Matrix Spike Dup (B2A0048-MSD1)		**Source: 1100836-20**			Prepared: 1/3/2012 Analyzed: 1/4/2012				
Lead	240	1.0	250	26	87.0	46 - 116	0.835	20	
Batch B2A0049 - EPA 3050 Modified									
Blank (B2A0049-BLK1)					Prepared: 1/3/2012 Analyzed: 1/4/2012				
Lead	ND	1.0			NR				
Blank (B2A0049-BLK2)					Prepared: 1/3/2012 Analyzed: 1/4/2012				
Lead	ND	1.0			NR				
LCS (B2A0049-BS1)					Prepared: 1/3/2012 Analyzed: 1/4/2012				
Lead	280	1.0	250		112	80 - 120			
Duplicate (B2A0049-DUP1)		**Source: 1100836-40**			Prepared: 1/3/2012 Analyzed: 1/4/2012				
Lead	13	1.0		13	NR		2.38	20	
Duplicate (B2A0049-DUP2)		**Source: 1100836-30**			Prepared: 1/3/2012 Analyzed: 1/4/2012				
Lead	7.0	1.0		6.0	NR		15.3	20	
Matrix Spike (B2A0049-MS1)		**Source: 1100836-40**			Prepared: 1/3/2012 Analyzed: 1/4/2012				
Lead	240	1.0	250	13	90.3	46 - 116			
Matrix Spike (B2A0049-MS2)		**Source: 1100836-30**			Prepared: 1/3/2012 Analyzed: 1/4/2012				

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Lead by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0049 - EPA 3050 Modified (continued)									
Matrix Spike (B2A0049-MS2) - Continued		**Source: 1100836-30**			Prepared: 1/3/2012 Analyzed: 1/4/2012				
Lead	230	1.0	250	6.0	90.0	46 - 116			
Matrix Spike Dup (B2A0049-MSD1)		**Source: 1100836-40**			Prepared: 1/3/2012 Analyzed: 1/4/2012				
Lead	230	1.0	250	13	87.5	46 - 116	3.00	20	
Batch B2A0050 - EPA 3050 Modified									
Blank (B2A0050-BLK1)					Prepared: 1/3/2012 Analyzed: 1/4/2012				
Lead	ND	1.0			NR				
Blank (B2A0050-BLK2)					Prepared: 1/3/2012 Analyzed: 1/4/2012				
Lead	ND	1.0			NR				
LCS (B2A0050-BS1)					Prepared: 1/3/2012 Analyzed: 1/4/2012				
Lead	290	1.0	250		115	80 - 120			
Duplicate (B2A0050-DUP1)		**Source: 1100836-60**			Prepared: 1/3/2012 Analyzed: 1/4/2012				
Lead	60	1.0		48	NR		21.1	20	R
Duplicate (B2A0050-DUP2)		**Source: 1100836-50**			Prepared: 1/3/2012 Analyzed: 1/4/2012				
Lead	13	1.0		10	NR		18.5	20	
Matrix Spike (B2A0050-MS1)		**Source: 1100836-60**			Prepared: 1/3/2012 Analyzed: 1/4/2012				
Lead	240	1.0	250	48	78.4	46 - 116			
Matrix Spike (B2A0050-MS2)		**Source: 1100836-50**			Prepared: 1/3/2012 Analyzed: 1/4/2012				
Lead	220	1.0	250	10	83.2	46 - 116			
Matrix Spike Dup (B2A0050-MSD1)		**Source: 1100836-60**			Prepared: 1/3/2012 Analyzed: 1/4/2012				
Lead	280	1.0	250	48	93.9	46 - 116	14.6	20	
Batch B2A0051 - EPA 3050 Modified									
Blank (B2A0051-BLK1)					Prepared: 1/3/2012 Analyzed: 1/4/2012				
Lead	ND	1.0			NR				
Blank (B2A0051-BLK2)					Prepared: 1/3/2012 Analyzed: 1/4/2012				
Lead	ND	1.0			NR				
LCS (B2A0051-BS1)					Prepared: 1/3/2012 Analyzed: 1/4/2012				
Lead	280	1.0	250		111	80 - 120			
Duplicate (B2A0051-DUP1)		**Source: 1100836-80**			Prepared: 1/3/2012 Analyzed: 1/4/2012				
Lead	24	1.0		34	NR		33.5	20	R
Duplicate (B2A0051-DUP2)		**Source: 1100836-70**			Prepared: 1/3/2012 Analyzed: 1/4/2012				

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Lead by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0051 - EPA 3050 Modified (continued)									
Duplicate (B2A0051-DUP2) - Continued		**Source: 1100836-70**			Prepared: 1/3/2012 Analyzed: 1/4/2012				
Lead	27	1.0		25	NR		5.91	20	
Matrix Spike (B2A0051-MS1)		**Source: 1100836-80**			Prepared: 1/3/2012 Analyzed: 1/4/2012				
Lead	250	1.0	250	34	85.3	46 - 116			
Matrix Spike (B2A0051-MS2)		**Source: 1100836-70**			Prepared: 1/3/2012 Analyzed: 1/4/2012				
Lead	240	1.0	250	25	85.3	46 - 116			
Matrix Spike Dup (B2A0051-MSD1)		**Source: 1100836-80**			Prepared: 1/3/2012 Analyzed: 1/4/2012				
Lead	250	1.0	250	34	88.3	46 - 116	3.00	20	
Batch B2A0052 - EPA 3050 Modified									
Blank (B2A0052-BLK1)					Prepared: 1/3/2012 Analyzed: 1/4/2012				
Lead	ND	1.0			NR				
Blank (B2A0052-BLK2)					Prepared: 1/3/2012 Analyzed: 1/4/2012				
Lead	ND	1.0			NR				
LCS (B2A0052-BS1)					Prepared: 1/3/2012 Analyzed: 1/4/2012				
Lead	280	1.0	250		113	80 - 120			
Duplicate (B2A0052-DUP1)		**Source: 1100836-AA**			Prepared: 1/3/2012 Analyzed: 1/4/2012				
Lead	7.0	1.0		5.5	NR		25.5	20	R
Duplicate (B2A0052-DUP2)		**Source: 1100836-90**			Prepared: 1/3/2012 Analyzed: 1/4/2012				
Lead	11	1.0		11	NR		1.20	20	
Matrix Spike (B2A0052-MS1)		**Source: 1100836-AA**			Prepared: 1/3/2012 Analyzed: 1/4/2012				
Lead	230	1.0	250	5.5	91.0	46 - 116			
Matrix Spike (B2A0052-MS2)		**Source: 1100836-90**			Prepared: 1/3/2012 Analyzed: 1/4/2012				
Lead	240	1.0	250	11	90.5	46 - 116			
Matrix Spike Dup (B2A0052-MSD1)		**Source: 1100836-AA**			Prepared: 1/3/2012 Analyzed: 1/4/2012				
Lead	230	1.0	250	5.5	89.2	46 - 116	2.00	20	
Batch B2A0053 - EPA 3050 Modified									
Blank (B2A0053-BLK1)					Prepared: 1/3/2012 Analyzed: 1/4/2012				
Lead	ND	1.0			NR				
Blank (B2A0053-BLK2)					Prepared: 1/3/2012 Analyzed: 1/4/2012				
Lead	ND	1.0			NR				
LCS (B2A0053-BS1)					Prepared: 1/3/2012 Analyzed: 1/4/2012				

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Lead by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0053 - EPA 3050 Modified (continued)									
LCS (B2A0053-BS1) - Continued					Prepared: 1/3/2012 Analyzed: 1/4/2012				
Lead	280	1.0	250		113	80 - 120			
Duplicate (B2A0053-DUP1)		**Source: 1100836-AU**			Prepared: 1/3/2012 Analyzed: 1/4/2012				
Lead	8.8	1.0		13	NR		37.6	20	R
Duplicate (B2A0053-DUP2)		**Source: 1100836-AK**			Prepared: 1/3/2012 Analyzed: 1/4/2012				
Lead	27	1.0		37	NR		33.3	20	R
Matrix Spike (B2A0053-MS1)		**Source: 1100836-AU**			Prepared: 1/3/2012 Analyzed: 1/4/2012				
Lead	230	1.0	250	13	85.1	46 - 116			
Matrix Spike (B2A0053-MS2)		**Source: 1100836-AK**			Prepared: 1/3/2012 Analyzed: 1/4/2012				
Lead	250	1.0	250	37	83.1	46 - 116			
Matrix Spike Dup (B2A0053-MSD1)		**Source: 1100836-AU**			Prepared: 1/3/2012 Analyzed: 1/4/2012				
Lead	230	1.0	250	13	86.1	46 - 116	1.09	20	
Batch B2A0054 - EPA 3050 Modified									
Blank (B2A0054-BLK1)					Prepared: 1/3/2012 Analyzed: 1/4/2012				
Lead	ND	1.0			NR				
Blank (B2A0054-BLK2)					Prepared: 1/3/2012 Analyzed: 1/4/2012				
Lead	ND	1.0			NR				
LCS (B2A0054-BS1)					Prepared: 1/3/2012 Analyzed: 1/4/2012				
Lead	280	1.0	250		113	80 - 120			
Duplicate (B2A0054-DUP1)		**Source: 1100836-BO**			Prepared: 1/3/2012 Analyzed: 1/4/2012				
Lead	4.8	1.0		2.3	NR		69.7	20	R
Duplicate (B2A0054-DUP2)		**Source: 1100836-BE**			Prepared: 1/3/2012 Analyzed: 1/4/2012				
Lead	21	1.0		11	NR		62.9	20	R
Matrix Spike (B2A0054-MS1)		**Source: 1100836-BO**			Prepared: 1/3/2012 Analyzed: 1/4/2012				
Lead	230	1.0	250	2.3	91.8	46 - 116			
Matrix Spike (B2A0054-MS2)		**Source: 1100836-BE**			Prepared: 1/3/2012 Analyzed: 1/4/2012				
Lead	250	1.0	250	11	95.6	46 - 116			
Matrix Spike Dup (B2A0054-MSD1)		**Source: 1100836-BO**			Prepared: 1/3/2012 Analyzed: 1/4/2012				
Lead	240	1.0	250	2.3	93.4	46 - 116	1.75	20	
Batch B2A0055 - EPA 3050 Modified									
Blank (B2A0055-BLK1)					Prepared: 1/3/2012 Analyzed: 1/4/2012				

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Lead by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0055 - EPA 3050 Modified (continued)									
Blank (B2A0055-BLK1) - Continued					Prepared: 1/3/2012 Analyzed: 1/4/2012				
Lead	ND	1.0			NR				
Blank (B2A0055-BLK2)					Prepared: 1/3/2012 Analyzed: 1/4/2012				
Lead	ND	1.0			NR				
LCS (B2A0055-BS1)					Prepared: 1/3/2012 Analyzed: 1/4/2012				
Lead	280	1.0	250		113	80 - 120			
Duplicate (B2A0055-DUP1)		**Source: 1100836-CE**			Prepared: 1/3/2012 Analyzed: 1/4/2012				
Lead	16	1.0		16	NR		0.475	20	
Duplicate (B2A0055-DUP2)		**Source: 1100836-BY**			Prepared: 1/3/2012 Analyzed: 1/4/2012				
Lead	7.3	1.0		9.5	NR		26.0	20	R
Matrix Spike (B2A0055-MS1)		**Source: 1100836-CE**			Prepared: 1/3/2012 Analyzed: 1/4/2012				
Lead	220	1.0	250	16	81.3	46 - 116			
Matrix Spike (B2A0055-MS2)		**Source: 1100836-BY**			Prepared: 1/3/2012 Analyzed: 1/4/2012				
Lead	230	1.0	250	9.5	86.5	46 - 116			
Matrix Spike Dup (B2A0055-MSD1)		**Source: 1100836-CE**			Prepared: 1/3/2012 Analyzed: 1/4/2012				
Lead	220	1.0	250	16	82.7	46 - 116	1.60	20	

Geocon Consultants, Inc.	Project Number : TO-16, E8560-06-16
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Hexavalent Chromium by EPA 7196A/3060A - Quality Control

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0115 - Prep_WC_3_S									
Blank (B2A0115-BLK1)					Prepared: 1/3/2012 Analyzed: 1/4/2012				
Hexavalent Chromium	ND	1.0			NR				
LCS (B2A0115-BS1)					Prepared: 1/3/2012 Analyzed: 1/4/2012				
Hexavalent Chromium	45	1.0	50.0		89	80 - 120			
Duplicate (B2A0115-DUP1)		**Source: 1100836-37**			Prepared: 1/3/2012 Analyzed: 1/4/2012				
Hexavalent Chromium	ND	1.0		0.30	NR			20	
Matrix Spike (B2A0115-MS1)		**Source: 1100836-37**			Prepared: 1/3/2012 Analyzed: 1/4/2012				
Hexavalent Chromium	16	1.0	50.0	0.30	31	75 - 125			M2
Matrix Spike (B2A0115-MS2)		**Source: 1100836-37**			Prepared: 1/3/2012 Analyzed: 1/4/2012				
Hexavalent Chromium	1500	50	1610	0.30	95	75 - 125			
Matrix Spike Dup (B2A0115-MSD1)		**Source: 1100836-37**			Prepared: 1/3/2012 Analyzed: 1/4/2012				
Hexavalent Chromium	16	1.0	50.0	0.30	32	75 - 125	3	20	M2
Batch B2A0117 - Prep_WC_3_S									
Blank (B2A0117-BLK1)					Prepared: 1/3/2012 Analyzed: 1/4/2012				
Hexavalent Chromium	ND	1.0			NR				
LCS (B2A0117-BS1)					Prepared: 1/3/2012 Analyzed: 1/4/2012				
Hexavalent Chromium	45	1.0	50.0		90	80 - 120			
Duplicate (B2A0117-DUP1)		**Source: 1100842-70**			Prepared: 1/3/2012 Analyzed: 1/4/2012				
Hexavalent Chromium	ND	1.0		ND	NR			20	
Matrix Spike (B2A0117-MS1)		**Source: 1100842-70**			Prepared: 1/3/2012 Analyzed: 1/4/2012				
Hexavalent Chromium	36	1.0	50.0	ND	72	75 - 125			M2
Matrix Spike (B2A0117-MS2)		**Source: 1100842-70**			Prepared: 1/3/2012 Analyzed: 1/4/2012				
Hexavalent Chromium	1500	50	1610	ND	93	75 - 125			
Matrix Spike Dup (B2A0117-MSD1)		**Source: 1100842-70**			Prepared: 1/3/2012 Analyzed: 1/4/2012				
Hexavalent Chromium	36	1.0	50.0	ND	71	75 - 125	1	20	M2

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

pH by EPA 9045C - Quality Control

Analyte	Result (pH Units)	PQL (pH Units)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0093 - Prep_WC_1_S									
Duplicate (B2A0093-DUP1)		**Source: 1100836-AA**			Prepared: 1/4/2012 Analyzed: 1/4/2012				
pH	7.4	0.10		7.7	NR		5	20	
Batch B2A0095 - Prep_WC_1_S									
Duplicate (B2A0095-DUP1)		**Source: 1100837-30**			Prepared: 1/4/2012 Analyzed: 1/4/2012				
pH	8.2	0.10		8.1	NR		0.6	20	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Notes and Definitions

R	RPD value outside acceptance criteria. Calculation is based on raw values.
M2	Matrix spike recovery outside of acceptance limit due to possible matrix interference. The analytical batch was validated by the laboratory control sample.
ND	Analyte not detected at or above reporting limit
PQL	Practical Quantitation Limit
MDL	Method Detection Limit
NR	Not Reported
RPD	Relative Percent Difference

CHAIN OF CUSTODY RECORD

Advanced Technology Laboratories
3275 Walnut Avenue
Signal Hill, CA 90755
(562) 989-4045 • Fax (562) 989-4040

FOR LABORATORY USE ONLY:

P.O.#:
Logged By: Date: 12/30/11

Method of Transport: Client ☐ ATL ☐ CA OverN ☐ FEDEX ☐ Other:

Sample Condition Upon Receipt (12.8 / 13.8)
1. CHILLED Y☑ N☐ 4. SEALED Y☐ N☑
2. HEADSPACE (VOA) Y☐ N☐ (NA) 5. # OF SPLS MATCH COC Y☑ N☐
3. CONTAINER INTACT Y☑ N☐ 6. PRESERVED Y☐ N☑

Client: GEOCON CONSULTANTS, INC.
Attn: L. BEADLE
Address: 6671 Brisa Street
City: Livermore State: CA Zip Code: 94550
TEL: (925) 371-5900
FAX: (925) 371-5915

Project Name: TO-16 Project #: E8560-06-16 Sampler: (Printed Name) CM/DW (Signature)

Relinquished by: (Signature and Printed Name)	Date	Time	Received by: (Signature and Printed Name)	Date	Time
	12/29/11	1800		12/29/11	1800
				12/30/11	748

I hereby authorize ATL to perform the work indicated below:
Project Mgr Submitter:
D. WATTS 12/29/11
Print Name Date
Signature

Send Report To:
Attn:
Co: SAME AS ABOVE
Address
City State Zip

Bill To:
Attn:
Co: SAME AS ABOVE
Address
City State Zip

Special Instructions/Comments:
10% to be analyzed for pH (Random-Lab)
Do not composite sample sets
*Run Cr6 on G122-0 + G153-0

Sample/Records - Archival & Disposal
Unless otherwise requested by client, all samples will be disposed 45 days after receipt and records will be disposed 1 year after submittal of final report.

Storage Fees (applies when storage is requested):
- Sample : $2.00 / sample / mo (after 45 days)
- Records : $1.00 / ATL workorder / mo (after 1 year)

Circle or Add Analysis(es) Requested: 8081A (Pesticides), 8082 (PCB), 8260B (Volatiles), 8270C (BNA), 6010B (Total Metal) – Pb, 8015B (GRO) / BTEX, 8015B (DRO), 8021 (BTEX), TITLE 22 / CAM 17 (6010 / 7000)

SPECIFY APPROPRIATE MATRIX: SOIL, WATER, GROUND WATER, WASTEWATER

QA/QC: RTNE ☐ CT ☒ SWRCB ☐ Logcode ____ OTHER ____

ITEM	LAB USE ONLY: Batch #: / Lab No.	Sample Description: Sample I.D. / Location	Date	Time	8270C (BNA)	6010B (Total Metal) – Pb	SOIL	TAT	Container(s) #	Container(s) Type	PRESERVATION	REMARKS
	1100836-01/02	G122-0,.5	12-29-11	0824	X		X	48 HR	2	8oz P		*
	03/04	G123-0,.5		0827			X					
	05/06	G124-0,.5		0834			X					
	07/08	G125-0,.5	12-29-11	0830			X					
	09/10	G126-0,.5		0835			X					
	11/12	G127-0,.5		0840			X					
	13/14	G153-		0917								*
	15/16	G154-		0921								
	17/18	G155-		0926								
	19/20	G156-		0920								

• TAT starts 8 a.m. following day if samples received after 3 p.m.

TAT: A= Overnight ≤ 24 hr B= Emergency Next workday C= Critical 2 Workdays D= Urgent 3 Workdays E= Routine 7 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=Hcl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

DISTRIBUTION: White with report Yellow to folder Pink to submitter

CHAIN OF CUSTODY RECORD

Advanced Technology Laboratories
3275 Walnut Avenue
Signal Hill, CA 90755
(562) 989-4045 • Fax (562) 989-4040

FOR LABORATORY USE ONLY:

P.O.#: _____

Logged By: _____ Date: _____

Method of Transport: Client ☐ ATL ☐ CA OverN ☐ FEDEX ☐ Other: _____

Sample Condition Upon Receipt:
1. CHILLED Y☐ N☐ 4. SEALED Y☐ N☐
2. HEADSPACE (VOA) Y☐ N☐ 5. # OF SPLS MATCH COC Y☐ N☐
3. CONTAINER INTACT Y☐ N☐ 6. PRESERVED Y☐ N☐

Client: GEOCON CONSULTANTS, INC.
Attn: L. BEADLE
Address: 6671 Brisa Street
City: Livermore State: CA Zip Code: 94550
TEL: (925) 371-5900
FAX: (925) 371-5915

Project Name: TO-16 Project #: E8560-06-16 Sampler: (Printed Name) DW (Signature) [signature]

Relinquished by: (Signature and Printed Name) [signature] Date: 12/29/11 Time: 1800 Received by: (Signature and Printed Name) 650 Date: 12/29/11 Time: 1800
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Maki [signature] Date: 12/30/11 Time: 748
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:

I hereby authorize ATL to perform the work indicated below:
Project Mgr (Submitter)
D. WATTS 12/29/11
Print Name Date
[signature]
Signature

Send Report To:
Attn: _____
Co: SAME AS ABOVE
Address _____
City _____ State _____ Zip _____

Bill To:
Attn: _____
Co: SAME AS ABOVE
Address _____
City _____ State _____ Zip _____

Special Instructions/Comments:
SEE Pg 1
* Run Cr6 on G167-0, G174-0

Sample/Records - Archival & Disposal
Unless otherwise requested by client, all samples will be disposed 45 days after receipt and records will be disposed 1 year after submittal of final report.

Storage Fees (applies when storage is requested):
- Sample : $2.00 / sample / mo (after 45 days)
- Records : $1.00 / ATL workorder / mo (after 1 year)

Circle or Add Analysis(es) Requested: 8081A (Pesticides), 8082 (PCB), 8260B (Volatiles), 8270C (BNA), 6010B (Total Metal) - Pb, 8015B (GRO) / BTEX, 8015B (DRO), 8021 (BTEX), TITLE 22 / CAM 17 (6010 / 7000)

SPECIFY APPROPRIATE MATRIX: SOIL, WATER, GROUND WATER, WASTEWATER

QA/QC: RTNE ☐ CT ☒ SWRCB ☐ Logcode ____ OTHER ____

ITEM	LAB USE ONLY: Batch #: / Lab No.	Sample Description: Sample I.D. / Location	Date	Time	8081A	8082	8260B	8270C	6010B (Pb)	8015B (GRO)	8015B (DRO)	8021	Title 22 / CAM 17	SOIL	WATER	GROUND WATER	WASTEWATER	TAT	Container(s) #	Type	PRESERVATION	REMARKS
	1108836 - 21/22	G157-0, 0.5	12/29/11	0925				X						X				48/72	2	Bg P		
	23/24	G158-		0930																		
	25/26	G167-		0940																		*
	27/28	G168-		0945																		
	29/30	G169-		0955																		
	31/32	G170-		0944																		
	33/34	G171-		0957																		
	35/36	G172-		0951																		
	37/38	G174-0, 5	12/29/11	1010				X						X					2	P B		*
	39/40	G175-0, 5	12/29/11	1015				X						X					2	P B		

• TAT starts 8 a.m. following day if samples received after 3 p.m.

TAT: A= Overnight ≤ 24 hr B= Emergency Next workday C= Critical 2 Workdays D= Urgent 3 Workdays E= Routine 7 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=Hcl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

DISTRIBUTION: White with report Yellow to folder Pink to submitter

CHAIN OF CUSTODY RECORD

Advanced Technology Laboratories
3275 Walnut Avenue
Signal Hill, CA 90755
(562) 989-4045 • Fax (562) 989-4040

FOR LABORATORY USE ONLY:

P.O.#: _____

Logged By: _____ Date: _____

Method of Transport: Client ☐ ATL ☐ CA OverN ☐ FEDEX ☐ Other: _____

Sample Condition Upon Receipt:
1. CHILLED Y☐ N☐ 4. SEALED Y☐ N☐
2. HEADSPACE (VOA) Y☐ N☐ 5. # OF SPLS MATCH COC Y☐ N☐
3. CONTAINER INTACT Y☐ N☐ 6. PRESERVED Y☐ N☐

Client: GEOCON CONSULTANTS, INC.
Attn: L. BEADLE
Address: 6671 Brisa Street
City: Livermore State: CA Zip Code: 94550
TEL: (925) 371-5900
FAX: (925) 371-5915

Project Name: TO-16 Project #: E8560-06-16 Sampler: (Printed Name) DW (Signature) [signature]

Relinquished by: (Signature and Printed Name) [signature] Date: 12/29/11 Time: 1800 Received by: (Signature and Printed Name) GSO Date: 12/29/11 Time: 1800
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) [signature] Date: 12/30/11 Time: 748
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:

I hereby authorize ATL to perform the work indicated below:
Project Mgr / Submitter:
D. WATTS
Print Name Date
[signature]
Signature

Send Report To:
Attn: _____
Co: SAME AS ABOVE
Address _____
City _____ State ____ Zip ____

Bill To:
Attn: _____
Co: SAME AS ABOVE
Address _____
City _____ State ____ Zip ____

Special Instructions/Comments:
SEE Pg 1
* Run Cr6 on 231-0

Sample/Records - Archival & Disposal
Unless otherwise requested by client, all samples will be disposed 45 days after receipt and records will be disposed 1 year after submittal of final report.

Storage Fees (applies when storage is requested):
- Sample : $2.00 / sample / mo (after 45 days)
- Records : $1.00 / ATL workorder / mo (after 1 year)

Circle or Add Analysis(es) Requested: 8081A (Pesticides), 8082 (PCB), 8260B (Volatiles), 8270C (BNA), 6010B (Total Metal) - Pb, 8015B (GRO) / BTEX, 8015B (DRO), 8021 (BTEX), TITLE 22 / CAM 17 (6010 / 7000)

SPECIFY APPROPRIATE MATRIX: SOIL, WATER, GROUND WATER, WASTEWATER

QA/QC: RTNE ☐ CT ☒ SWRCB ☐ Logcode ____ OTHER ____

ITEM	LAB USE ONLY: Batch #: / Lab No.	Sample Description: Sample I.D. / Location	Date	Time	8270C (BNA)	6010B (Total Metal) - Pb	SOIL	TAT	Container(s) #	Container(s) Type	PRESERVATION	REMARKS
	1108836-41/42	G176-0,.5	12-29-11	1020	X		X	Stdard	2	8g P		
	43/44	G177-0,.5		1011								
	45/46	G178-0,.5		1017								
	47/48	G179-0,.5		1019								
	49/50	G231-0,0.5		1055								*
	51/52	G232-		1100								
	53/54	G233-		1105								
	55/56	G234-		1051								
	57/58	G235-		1054								
	59/60	G236-		1058								

• TAT starts 8 a.m. following day if samples received after 3 p.m.

TAT: A= Overnight ≤ 24 hr B= Emergency Next workday C= Critical 2 Workdays D= Urgent 3 Workdays E= Routine 7 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=Hcl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

DISTRIBUTION: White with report Yellow to folder Pink to submitter

CHAIN OF CUSTODY RECORD

Advanced Technology Laboratories
3275 Walnut Avenue
Signal Hill, CA 90755
(562) 989-4045 • Fax (562) 989-4040

FOR LABORATORY USE ONLY:

P.O.#: _____
Logged By: _____ Date: _____

Method of Transport: Client ☐ ATL ☐ CA OverN ☐ FEDEX ☐ Other: _____

Sample Condition Upon Receipt:
1. CHILLED Y☐ N☐ 4. SEALED Y☐ N☐
2. HEADSPACE (VOA) Y☐ N☐ 5. # OF SPLS MATCH COC Y☐ N☐
3. CONTAINER INTACT Y☐ N☐ 6. PRESERVED Y☐ N☐

Client: GEOCON CONSULTANTS, INC.
Attn: L. BEADLE
Address: 6671 Brisa Street
City: Livemore State: CA Zip Code: 94550
TEL: (925) 371-5900
FAX: (925) 371-5915

Project Name: TO-16 Project #: E8560-06-16 Sampler: (Printed Name) DW (Signature) [signature]

Relinquished by: (Signature and Printed Name) [signature] Date: 12/29/11 Time: 1800 Received by: (Signature and Printed Name) GSO Date: 12/29/11 Time: 1800
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) [signature] Date: 12/30/11 Time: 748
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:

I hereby authorize ATL to perform the work indicated below:
Project Mgr / Submitter:
D. WATTS
Print Name Date
[signature]
Signature

Send Report To:
Attn: _____
Co: SAME AS ABOVE
Address _____
City _____ State ____ Zip ____

Bill To:
Attn: _____
Co: SAME AS ABOVE
Address _____
City _____ State ____ Zip ____

Special Instructions/Comments:
SEE Pg 1
* Run Cr6 on G218-0 + G316-0

Sample/Records - Archival & Disposal
Unless otherwise requested by client, all samples will be disposed 45 days after receipt and records will be disposed 1 year after submittal of final report.

Storage Fees (applies when storage is requested):
- Sample : $2.00 / sample / mo (after 45 days)
- Records : $1.00 / ATL workorder / mo (after 1 year)

Circle or Add Analysis(es) Requested

ITEM	LAB USE ONLY: Batch #: / Lab No.	Sample Description: Sample I.D. / Location	Date	Time	8081A (Pesticides)	8082 (PCB)	8260B (Volatiles)	8270C (BNA)	6010B (Total Metal)	8015B (GRO) / BTEX	8015B (DRO)	8021 (BTEX)	TITLE 22 / CAM 17 (6010 / 7000)	SOIL	WATER	GROUND WATER	WASTEWATER	TAT	Container(s) #	Container(s) Type	PRESERVATION	QA/QC REMARKS
	1108836-61/62	G218-0, 0.5	12/29/11	1115				X						X				48 hr	2	Bag		*
	63/64	G219-		1120																		
	65/66	G220-		1125																		
	67/68	G221-		1111																		
	69/70	G222-		1114																		
	71/72	G223-		1117																		
	73/74	G316-		1247																		*
	75/76	G317-		1254																		~~*~~
	77/78	G318-		1259																		
	79/80	G319-		1247																		

QA/QC: RTNE ☐ CT ☒ SWRCB ☐ Logcode ____ OTHER ____

• TAT starts 8 a.m. following day if samples received after 3 p.m.

TAT: A= Overnight ≤ 24 hr B= Emergency Next workday C= Critical 2 Workdays D= Urgent 3 Workdays E= Routine 7 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=Hcl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

DISTRIBUTION: White with report Yellow to folder Pink to submitter

CHAIN OF CUSTODY RECORD

Advanced Technology Laboratories
3275 Walnut Avenue
Signal Hill, CA 90755
(562) 989-4045 • Fax (562) 989-4040

FOR LABORATORY USE ONLY:

P.O.#: _____
Logged By: _____ Date: _____

Method of Transport: Client ☐ ATL ☐ CA OverN ☐ FEDEX ☐ Other: _____

Sample Condition Upon Receipt:
1. CHILLED Y☐ N☐ 4. SEALED Y☐ N☐
2. HEADSPACE (VOA) Y☐ N☐ 5. # OF SPLS MATCH COC Y☐ N☐
3. CONTAINER INTACT Y☐ N☐ 6. PRESERVED Y☐ N☐

Client: GEOCON CONSULTANTS, INC.
Attn: L. BEADLE
Address: 6671 Brisa Street
City: Livermore State: CA Zip Code: 94550
TEL: (925) 371-5900
FAX: (925) 371-5915

Project Name: TO-16 Project #: E8560-06-16 Sampler: (Printed Name) DW (Signature) [signature]

Relinquished by: (Signature and Printed Name) [signature] Date: 12/29/11 Time: 1800 Received by: (Signature and Printed Name) GSO Date: 12/29/11 Time: 1800
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) [signature] Date: 12/30/11 Time: 748
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:

I hereby authorize ATL to perform the work indicated below:
Project Mgr / Submitter: D. WATTS
Print Name Date
[signature]
Signature

Send Report To:
Attn: _____
Co: SAME AS ABOVE
Address _____
City _____ State _____ Zip _____

Bill To:
Attn: _____
Co: SAME AS ABOVE
Address _____
City _____ State _____ Zip _____

Special Instructions/Comments:
SEE Pg 1
* Run Cr6 on G329-0

Sample/Records - Archival & Disposal
Unless otherwise requested by client, all samples will be disposed 45 days after receipt and records will be disposed 1 year after submittal of final report.

Storage Fees (applies when storage is requested):
- Sample : $2.00 / sample / mo (after 45 days)
- Records : $1.00 / ATL workorder / mo (after 1 year)

Circle or Add Analysis(es) Requested: 8081A (Pesticides), 8082 (PCB), 8260B (Volatiles), 8270C (BNA), 6010B (Total Metal) ~Pb, 8015B (GRO) / BTEX, 8015B (DRO), 8021 (BTEX), TITLE 22 / CAM 17 (6010 / 7000)

SPECIFY APPROPRIATE MATRIX: SOIL, WATER, GROUND WATER, WASTEWATER

QA/QC: RTNE ☐ CT ☒ SWRCB ☐ Logcode ____ OTHER ____

ITEM	LAB USE ONLY: Batch #: / Lab No.	Sample Description: Sample I.D. / Location	Date	Time	8081A (Pesticides)	8082 (PCB)	8260B (Volatiles)	8270C (BNA)	6010B (Total Metal) ~Pb	8015B (GRO) / BTEX	8015B (DRO)	8021 (BTEX)	TITLE 22 / CAM 17 (6010 / 7000)	SOIL	WATER	GROUND WATER	WASTEWATER	TAT	Container(s) #	Container(s) Type	PRESERVATION	REMARKS
	1008836- 81/82	G320 -0, 0.5	12/29/11	1251				X						X				48 hr	2	8g P		
	83/84	G321-		1254																		
	85/86	G329-		1315																		*
	87/88	G330-		1320																		
	89/90	G331-		1325																		
	91/92	G332-		1321																		
	93/94	G333-		1324																		
	95/96	G334-		1327																		
	97/98	G392-		1345																		
	99/100	G393-		1350																		

• TAT starts 8 a.m. following day if samples received after 3 p.m.

TAT: A= Overnight ≤ 24 hr B= Emergency Next workday C= Critical 2 Workdays D= Urgent 3 Workdays E= Routine 7 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=HCl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

DISTRIBUTION: White with report Yellow to folder Pink to submitter

CHAIN OF CUSTODY RECORD

Advanced Technology Laboratories
3275 Walnut Avenue
Signal Hill, CA 90755
(562) 989-4045 • Fax (562) 989-4040

FOR LABORATORY USE ONLY:

P.O.#: _____
Logged By: _____ Date: _____

Method of Transport: Client ☐ ATL ☐ CA OverN ☐ FEDEX ☐ Other: _____

Sample Condition Upon Receipt:
1. CHILLED Y☐ N☐ 4. SEALED Y☐ N☐
2. HEADSPACE (VOA) Y☐ N☐ 5. # OF SPLS MATCH COC Y☐ N☐
3. CONTAINER INTACT Y☐ N☐ 6. PRESERVED Y☐ N☐

Client: GEOCON CONSULTANTS, INC.
Attn: L. BEADLE
Address: 6671 Brisa Street
City: Livermore State: CA Zip Code: 94550
TEL: (925) 371-5900
FAX: (925) 371-5915

Project Name: TO-16 Project #: E8560-06-16 Sampler: (Printed Name) DW (Signature) [signature]

Relinquished by: (Signature and Printed Name) [signature] Date: 12/29/11 Time: 1800 Received by: (Signature and Printed Name) [signature] Date: 12/29/11 Time: 1800
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) [signature] Date: 12/30/11 Time: 7:48
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:

I hereby authorize ATL to perform the work indicated below:
Project Mgr (Submitter)
D. WATTS
Print Name Date
[signature]
Signature

Send Report To:
Attn: _____
Co: SAME AS ABOVE
Address _____
City _____ State _____ Zip _____

Bill To:
Attn: _____
Co: SAME AS ABOVE
Address _____
City _____ State _____ Zip _____

Special Instructions/Comments:
SEE Pg 1
* Run Cr6 on G398-0

Sample/Records - Archival & Disposal
Unless otherwise requested by client, all samples will be disposed 45 days after receipt and records will be disposed 1 year after submittal of final report.

Storage Fees (applies when storage is requested):
- Sample : $2.00 / sample / mo (after 45 days)
- Records : $1.00 / ATL workorder / mo (after 1 year)

Circle or Add Analysis(es) Requested: 8081A (Pesticides), 8082 (PCB), 8260B (Volatiles), 8270C (BNA), 6010B (Total Metal) ← Pb, 8015B (GRO) / BTEX, 8015B (DRO), 8021 (BTEX), TITLE 22 / CAM 17 (6010 / 7000)

SPECIFY APPROPRIATE MATRIX: SOIL, WATER, GROUND WATER, WASTEWATER

QA/QC: RTNE ☐ CT ☒ SWRCB ☐ Logcode ____ OTHER ____

ITEM	LAB USE ONLY: Batch #: / Lab No.	Sample I.D. / Location	Date	Time	8270C (BNA)	6010B (Total Metal)	SOIL	TAT	Container(s) #	Container(s) Type	PRESERVATION	REMARKS
AB	AC 1100536-101/102	G394-0, 0.5	12/29/11	1355	X		X	48Hr	2	Bj P		
AD	AE 103/104	G395-		1344								
AF	AG 105/106	G396-		1347								
AH	AI 107/108	G397-		1349								
AJ	AK 109/110	G398-		1410								*
AL	AM 111/112	G399-		1415								
AN	AO 113/114	G400-		1420								
AQ	AQ 115/116	G401-		1417								
AS	AS 117/118	G402-		1411								
AU	AU 119/120	G403-		1414								

• TAT starts 8 a.m. following day if samples received after 3 p.m.

TAT: A= Overnight ≤ 24 hr B= Emergency Next workday C= Critical 2 Workdays D= Urgent 3 Workdays E= Routine 7 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=Hcl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

DISTRIBUTION: White with report Yellow to folder Pink to submitter

CHAIN OF CUSTODY RECORD

Advanced Technology Laboratories
3275 Walnut Avenue
Signal Hill, CA 90755
(562) 989-4045 • Fax (562) 989-4040

FOR LABORATORY USE ONLY:

P.O.#: _____
Logged By: _____ Date: _____

Method of Transport: Client ☐ ATL ☐ CA OverN ☐ FEDEX ☐ Other: _____

Sample Condition Upon Receipt:
1. CHILLED Y☐ N☐ 4. SEALED Y☐ N☐
2. HEADSPACE (VOA) Y☐ N☐ 5. # OF SPLS MATCH COC Y☐ N☐
3. CONTAINER INTACT Y☐ N☐ 6. PRESERVED Y☐ N☐

Client: GEOCON CONSULTANTS, INC.
Attn: L. BEADLE
Address: 6671 Brisa Street
City: Livemore State: CA Zip Code: 94550
TEL: (925) 371-5900
FAX: (925) 371-5915

Project Name: TO-16
Project #: E8560-06-16
Sampler: (Printed Name) DW (Signature) [signature]

Relinquished by: (Signature and Printed Name) [signature] Date: 12/29/11 Time: 1800 Received by: (Signature and Printed Name) GSD Date: 12/29/11 Time: 1800
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) [signature] Date: 12/30/11 Time: 748
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:

I hereby authorize ATL to perform the work indicated below:
Project Mgr / Submitter:
D. WATTS
Print Name Date
[signature]
Signature

Send Report To:
Attn: _____
Co: SAME AS ABOVE
Address _____
City _____ State _____ Zip _____

Bill To:
Attn: _____
Co: SAME AS ABOVE
Address _____
City _____ State _____ Zip _____

Special Instructions/Comments:
SEE Pg 1
*Run Cr6 on G429-0 + G411-0

Sample/Records - Archival & Disposal
Unless otherwise requested by client, all samples will be disposed 45 days after receipt and records will be disposed 1 year after submittal of final report.

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- Records : $1.00 / ATL workorder / mo (after 1 year)

Circle or Add Analysis(es) Requested: 8081A (Pesticides), 8082 (PCB), 8260B (Volatiles), 8270C (BNA), 6010B (Total Metal) – Pb, 8015B (GRO) / BTEX, 8015B (DRO), 8021 (BTEX), TITLE 22 / CAM 17 (6010 / 7000)

SPECIFY APPROPRIATE MATRIX: SOIL, WATER, GROUND WATER, WASTEWATER

QA/QC: RTNE ☐ CT ☒ SWRCB ☐ Logcode _____ OTHER _____

ITEM	LAB USE ONLY: Batch #: / Lab No.	Sample Description: Sample I.D. / Location	Date	Time	8081A	8082	8260B	8270C	6010B (Pb)	8015B (GRO) / BTEX	8015B (DRO)	8021 (BTEX)	TITLE 22 / CAM 17	SOIL	WATER	GROUND WATER	WASTEWATER	TAT	Container(s) #	Container(s) Type	PRESERVATION	REMARKS
AV AW	1108836-121/122	G429 – 0, 0.5	12/29/11	1435				X						X				48 Hr	2	Bg P		*
AX AY	123/124	G430 –		1440																		
AZ BA	125/126	G431 –		1445																		
BB BC	127/128	G432 –		1431																		
BD BE	129/130	G433 –		1434																		
BF BG	131/132	G434 –		1437																		
BH BI	133/134	G411 –		1500																		*
BJ BK	135/136	G412 –		1505																		
BL BM	137/138	G413 –		1510																		
BN BO	139/140	G414 –		1500																		

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TAT: A= Overnight ≤ 24 hr B= Emergency Next workday C= Critical 2 Workdays D= Urgent 3 Workdays E= Routine 7 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=Hcl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

DISTRIBUTION: White with report Yellow to folder Pink to submitter

CHAIN OF CUSTODY RECORD

Advanced Technology Laboratories
3275 Walnut Avenue
Signal Hill, CA 90755
(562) 989-4045 • Fax (562) 989-4040

FOR LABORATORY USE ONLY:

P.O.#: _____
Logged By: _____ Date: _____

Method of Transport: Client ☐ ATL ☐ CA OverN ☐ FEDEX ☐ Other: _____

Sample Condition Upon Receipt: 1. CHILLED Y☐ N☐ 2. HEADSPACE (VOA) Y☐ N☐ 3. CONTAINER INTACT Y☐ N☐ 4. SEALED Y☐ N☐ 5. # OF SPLS MATCH COC Y☐ N☐ 6. PRESERVED Y☐ N☐

Client: GEOCON CONSULTANTS, INC.
Attn: L. BEADLE
Address: 6671 Brisa Street
City: Livermore State: CA Zip Code: 94550
TEL: (925) 371-5900
FAX: (925) 371-5915

Project Name: TO-16
Project #: E8560-06-16
Sampler: (Printed Name) D. WATTS (Signature) [signature]

Relinquished by: (Signature and Printed Name) [signature] Date: 12/29/11 Time: 1800 Received by: (Signature and Printed Name) G50 Date: 12/29/11 Time: 1800
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) [signature] Date: 12/30/11 Time: 7:48
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:

I hereby authorize ATL to perform the work indicated below:
Project Mgr / Submitter: D. WATTS 12/29/11
Print Name Date
Signature: [signature]

Send Report To:
Attn: _____
Co: SAME AS ABOVE
Address _____
City _____ State _____ Zip _____

Bill To:
Attn: _____
Co: SAME AS ABOVE
Address _____
City _____ State _____ Zip _____

Special Instructions/Comments:
10% TO BE ANALYZED for pH (RANDOM - LAB)
DO NOT COMPOSITE SAMPLE SETS
* Run Cr6 on G404-0

Sample/Records - Archival & Disposal
Unless otherwise requested by client, all samples will be disposed 45 days after receipt and records will be disposed 1 year after submittal of final report.

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Circle or Add Analysis(es) Requested: 8081A (Pesticides) | 8082 (PCB) | 8260B (Volatiles) | 8270C (BNA) | 6010B (Total Metal) - Pb | 8015B (GRO) / BTEX | 8015B (DRO) | 8021 (BTEX) | TITLE 22 / CAM 17 (6010 / 7000)

SPECIFY APPROPRIATE MATRIX: SOIL | WATER | GROUND WATER | WASTEWATER

QA/QC: RTNE ☐ CT ☒ SWRCB ☐ Logcode ____ OTHER ____

ITEM	LAB USE ONLY: Batch #: / Lab No.	Sample Description: Sample I.D. / Location	Date	Time	8081A	8082	8260B	8270C	6010B (Pb)	8015B (GRO) / BTEX	8015B (DRO)	8021	TITLE 22 / CAM 17	SOIL	WATER	GROUND WATER	WASTEWATER	TAT	Container(s) #	Type	PRESERVATION	REMARKS
BP	BQ 1008836-141/142	G415 - 0, 0.5	12/29/11	1505					X					X				48 Hr	2	Bg, P		
BR	BS 143/144	G416 -		1510																		
BT	BM 145/146	G404 -		1530																		*
BV	BW 147/148	G405 -		1535																		
BY	BY 149/150	G406 -		1540																		
BZ	CA 151/152	G407 -		1530																		
CB	CC 153/154	G408 -		1535																		
CE	155/156	G409 -		1540																		

• TAT starts 8 a.m. following day if samples received after 3 p.m.

TAT: A= Overnight ≤ 24 hr B= Emergency Next workday C= Critical 2 Workdays D= Urgent 3 Workdays E= Routine 7 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=Hcl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

DISTRIBUTION: White with report Yellow to folder Pink to submitter

ADVANCED TECHNOLOGY LABORATORIES

January 11, 2012

ELAP No.: 1838
NELAP No.: 02107CA
CSDLAC No.: 10196
ORELAP No.: CA300003

Luann Beadle
Geocon Consultants, Inc.
6671 Brisa Street
Livermore, CA 94550
Tel: (925) 371-5900
Fax:(925) 371-5915

Re: ATL Work Order Number : 1100836
Client Reference : TO-16, E8560-06-16

Enclosed are the results for sample(s) received on December 30, 2011 by Advanced Technology Laboratories. The sample(s) are tested for the parameters as indicated on the enclosed chain of custody in accordance with applicable laboratory certifications. The laboratory results contained in this report specifically pertains to the sample(s) submitted.

Thank you for the opportunity to serve the needs of your company. If you have any questions, please feel free to contact me or your Project Manager.

Sincerely,

Eddie Rodriguez
Laboratory Director

The cover letter and the case narrative are an integral part of this analytical report and its absence renders the report invalid. The report cannot be reproduced without written permission from the client and Advanced Technology Laboratories.

3275 Walnut Avenue, Signal Hill, CA 90755 • Tel: 562-989-4045 • Fax: 562-989-4040
www.atlglobal.com

Geocon Consultants, Inc.	Project Number : TO-16, E8560-06-16
6671 Brisa Street	Report To : Luann Beadle
Livermore , CA 94550	Reported : 01/11/2012

SUMMARY OF SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
G124-0	1100836-05	Soil	12/29/11 8:34	12/30/11 7:48
G124-.5	1100836-06	Soil	12/29/11 8:34	12/30/11 7:48
G126-.5	1100836-10	Soil	12/29/11 8:35	12/30/11 7:48
G127-0	1100836-11	Soil	12/29/11 8:40	12/30/11 7:48
G127-.5	1100836-12	Soil	12/29/11 8:40	12/30/11 7:48
G153-.5	1100836-14	Soil	12/29/11 9:17	12/30/11 7:48
G154-.5	1100836-16	Soil	12/29/11 9:21	12/30/11 7:48
G155-0	1100836-17	Soil	12/29/11 9:26	12/30/11 7:48
G155-.5	1100836-18	Soil	12/29/11 9:26	12/30/11 7:48
G156-0	1100836-19	Soil	12/29/11 9:20	12/30/11 7:48
G157-0	1100836-21	Soil	12/29/11 9:25	12/30/11 7:48
G158-0	1100836-23	Soil	12/29/11 9:30	12/30/11 7:48
G172-0	1100836-35	Soil	12/29/11 9:51	12/30/11 7:48
G172-0.5	1100836-36	Soil	12/29/11 9:51	12/30/11 7:48
G178-0	1100836-45	Soil	12/29/11 10:17	12/30/11 7:48
G179-0	1100836-47	Soil	12/29/11 10:19	12/30/11 7:48
G232-0	1100836-51	Soil	12/29/11 11:00	12/30/11 7:48
G232-0.5	1100836-52	Soil	12/29/11 11:00	12/30/11 7:48
G232-0.5	1100836-52	Soil	12/29/11 11:00	12/30/11 7:48
G233-0	1100836-53	Soil	12/29/11 11:05	12/30/11 7:48
G233-0	1100836-53	Soil	12/29/11 11:05	12/30/11 7:48
G235-0	1100836-57	Soil	12/29/11 10:54	12/30/11 7:48
G236-0	1100836-59	Soil	12/29/11 10:58	12/30/11 7:48
G220-0	1100836-65	Soil	12/29/11 11:25	12/30/11 7:48
G316-0	1100836-73	Soil	12/29/11 12:47	12/30/11 7:48
G317-0	1100836-75	Soil	12/29/11 12:54	12/30/11 7:48
G319-0	1100836-79	Soil	12/29/11 12:47	12/30/11 7:48
G320-0	1100836-81	Soil	12/29/11 12:51	12/30/11 7:48
G321-0	1100836-83	Soil	12/29/11 12:54	12/30/11 7:48
G333-0	1100836-93	Soil	12/29/11 13:24	12/30/11 7:48
G430-0	1100836-AX	Soil	12/29/11 14:40	12/30/11 7:48
G434-0	1100836-BF	Soil	12/29/11 14:37	12/30/11 7:48

Geocon Consultants, Inc.	Project Number : TO-16, E8560-06-16
6671 Brisa Street	Report To : Luann Beadle
Livermore , CA 94550	Reported : 01/11/2012

STLC Lead by AA (Direct Aspiration) by EPA 7420

Analyte: Lead **Analyst: VV**

Laboratory ID	Client Sample ID	Result	Units	PQL	MDL	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1100836-05	G124-0	**1.7**	mg/L	0.50	NA	1	B2A0201	01/06/2012	01/10/12 12:51	
1100836-06	G124-.5	**6.8**	mg/L	0.50	NA	1	B2A0201	01/06/2012	01/10/12 12:51	
1100836-10	G126-.5	**4.6**	mg/L	0.50	NA	1	B2A0201	01/06/2012	01/10/12 12:51	
1100836-11	G127-0	**2.1**	mg/L	0.50	NA	1	B2A0201	01/06/2012	01/10/12 12:52	
1100836-12	G127-.5	**2.5**	mg/L	0.50	NA	1	B2A0201	01/06/2012	01/10/12 12:54	
1100836-14	G153-.5	**2.8**	mg/L	0.50	NA	1	B2A0201	01/06/2012	01/10/12 12:54	
1100836-16	G154-.5	**2.5**	mg/L	0.50	NA	1	B2A0201	01/06/2012	01/10/12 12:55	
1100836-17	G155-0	**3.3**	mg/L	0.50	NA	1	B2A0201	01/06/2012	01/10/12 12:55	
1100836-18	G155-.5	**1.2**	mg/L	0.50	NA	1	B2A0202	01/06/2012	01/10/12 12:58	
1100836-19	G156-0	**3.3**	mg/L	0.50	NA	1	B2A0202	01/06/2012	01/10/12 12:59	
1100836-21	G157-0	**4.3**	mg/L	0.50	NA	1	B2A0202	01/06/2012	01/10/12 13:00	
1100836-23	G158-0	**1.3**	mg/L	0.50	NA	1	B2A0202	01/06/2012	01/10/12 13:00	
1100836-35	G172-0	**3.5**	mg/L	0.50	NA	1	B2A0202	01/06/2012	01/10/12 13:00	
1100836-36	G172-0.5	**1.1**	mg/L	0.50	NA	1	B2A0202	01/06/2012	01/10/12 13:00	
1100836-45	G178-0	**3.2**	mg/L	0.50	NA	1	B2A0202	01/06/2012	01/10/12 13:01	
1100836-47	G179-0	**2.4**	mg/L	0.50	NA	1	B2A0202	01/06/2012	01/10/12 13:01	
1100836-51	G232-0	**9.8**	mg/L	1.0	NA	2	B2A0202	01/06/2012	01/10/12 13:02	
1100836-57	G235-0	**4.0**	mg/L	0.50	NA	1	B2A0202	01/06/2012	01/10/12 13:02	
1100836-59	G236-0	**7.2**	mg/L	0.50	NA	1	B2A0202	01/06/2012	01/10/12 13:06	
1100836-65	G220-0	**1.4**	mg/L	0.50	NA	1	B2A0202	01/06/2012	01/10/12 13:06	
1100836-73	G316-0	**9.9**	mg/L	1.0	NA	2	B2A0202	01/06/2012	01/10/12 13:08	
1100836-75	G317-0	**7.8**	mg/L	0.50	NA	1	B2A0202	01/06/2012	01/10/12 13:08	
1100836-79	G319-0	**8.4**	mg/L	0.50	NA	1	B2A0202	01/06/2012	01/10/12 13:08	
1100836-81	G320-0	**5.3**	mg/L	0.50	NA	1	B2A0202	01/06/2012	01/10/12 13:08	
1100836-83	G321-0	**5.7**	mg/L	0.50	NA	1	B2A0202	01/06/2012	01/10/12 13:09	
1100836-93	G333-0	**2.1**	mg/L	0.50	NA	1	B2A0202	01/06/2012	01/10/12 13:09	
1100836-AX	G430-0	**1.6**	mg/L	0.50	NA	1	B2A0202	01/06/2012	01/10/12 13:10	
1100836-BF	G434-0	**1.6**	mg/L	0.50	NA	1	B2A0202	01/06/2012	01/10/12 13:10	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/11/2012

TCLP Lead by AA (Direct Aspiration) EPA 7420

Analyte: Lead **Analyst: VV**

Laboratory ID	Client Sample ID	Result	Units	PQL	MDL	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1100836-52	G232-0.5	**ND**	mg/L	0.50	NA	1	B2A0290	01/11/2012	01/11/12 13:30	
1100836-53	G233-0	**ND**	mg/L	0.50	NA	1	B2A0290	01/11/2012	01/11/12 13:30	

Geocon Consultants, Inc.	Project Number : TO-16, E8560-06-16
6671 Brisa Street	Report To : Luann Beadle
Livermore , CA 94550	Reported : 01/11/2012

QUALITY CONTROL SECTION

STLC Lead by AA (Direct Aspiration) by EPA 7420 - Quality Control

Analyte	Result (mg/L)	PQL (mg/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0201 - STLC Extraction									
Blank (B2A0201-BLK1)					Prepared: 1/6/2012 Analyzed: 1/10/2012				
Lead	ND	0.50			NR				
Blank (B2A0201-BLK2)					Prepared: 1/6/2012 Analyzed: 1/10/2012				
Lead	ND	0.50			NR				
LCS (B2A0201-BS1)					Prepared: 1/6/2012 Analyzed: 1/10/2012				
Lead	5.0	0.05	5.00		99.6	80 - 120			
Duplicate (B2A0201-DUP1)		**Source: 1100828-AQ**			Prepared: 1/6/2012 Analyzed: 1/10/2012				
Lead	2.1	0.50		2.2	NR		4.72	20	
Duplicate (B2A0201-DUP2)		**Source: 1100836-17**			Prepared: 1/6/2012 Analyzed: 1/10/2012				
Lead	3.1	0.50		3.3	NR		8.70	20	
Matrix Spike (B2A0201-MS1)		**Source: 1100828-AQ**			Prepared: 1/6/2012 Analyzed: 1/10/2012				
Lead	7.0	0.05	5.00	2.2	97.4	80 - 120			
Matrix Spike (B2A0201-MS2)		**Source: 1100836-17**			Prepared: 1/6/2012 Analyzed: 1/10/2012				
Lead	8.4	0.05	5.00	3.3	100	80 - 120			
Matrix Spike Dup (B2A0201-MSD1)		**Source: 1100828-AQ**			Prepared: 1/6/2012 Analyzed: 1/10/2012				
Lead	7.1	0.05	5.00	2.2	97.6	80 - 120	0.144	20	
Batch B2A0202 - STLC Extraction									
Blank (B2A0202-BLK1)					Prepared: 1/6/2012 Analyzed: 1/10/2012				
Lead	ND	0.50			NR				
Blank (B2A0202-BLK2)					Prepared: 1/6/2012 Analyzed: 1/10/2012				
Lead	ND	0.50			NR				
LCS (B2A0202-BS1)					Prepared: 1/6/2012 Analyzed: 1/10/2012				
Lead	4.8	0.05	5.00		96.1	80 - 120			
Duplicate (B2A0202-DUP1)		**Source: 1100836-57**			Prepared: 1/6/2012 Analyzed: 1/10/2012				
Lead	4.2	0.50		4.0	NR		2.75	20	
Duplicate (B2A0202-DUP2)		**Source: 1100836-BF**			Prepared: 1/6/2012 Analyzed: 1/10/2012				
Lead	1.5	0.50		1.6	NR		4.41	20	
Matrix Spike (B2A0202-MS1)		**Source: 1100836-57**			Prepared: 1/6/2012 Analyzed: 1/10/2012				
Lead	8.9	0.05	5.00	4.0	97.7	80 - 120			
Matrix Spike (B2A0202-MS2)		**Source: 1100836-BF**			Prepared: 1/6/2012 Analyzed: 1/10/2012				

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/11/2012

STLC Lead by AA (Direct Aspiration) by EPA 7420 - Quality Control (cont'd)

Analyte	Result (mg/L)	PQL (mg/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0202 - STLC Extraction (continued)									
Matrix Spike (B2A0202-MS2) - Continued		**Source: 1100836-BF**			Prepared: 1/6/2012 Analyzed: 1/10/2012				
Lead	6.6	0.05	5.00	1.6	100	80 - 120			
Matrix Spike Dup (B2A0202-MSD1)		**Source: 1100836-57**			Prepared: 1/6/2012 Analyzed: 1/10/2012				
Lead	9.5	0.05	5.00	4.0	110	80 - 120	6.45	20	
Batch S2A0095 - B2A0199									
Instrument Blank (S2A0095-IBL1)					Prepared: 1/10/2012 Analyzed: 1/10/2012				
Lead	ND	0.50			NR				

Geocon Consultants, Inc.	Project Number : TO-16, E8560-06-16
6671 Brisa Street	Report To : Luann Beadle
Livermore , CA 94550	Reported : 01/11/2012

TCLP Lead by AA (Direct Aspiration) EPA 7420 - Quality Control

Analyte	Result (mg/L)	PQL (mg/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0290 - EPA 3010A									
Blank (B2A0290-BLK1)					Prepared: 1/11/2012 Analyzed: 1/11/2012				
Lead	ND	0.50			NR				
Blank (B2A0290-BLK2)					Prepared: 1/11/2012 Analyzed: 1/11/2012				
Lead	ND	0.50			NR				
Blank (B2A0290-BLK3)					Prepared: 1/11/2012 Analyzed: 1/11/2012				
Lead	ND	0.50			NR				
Blank (B2A0290-BLK4)					Prepared: 1/11/2012 Analyzed: 1/11/2012				
Lead	ND	0.50			NR				
LCS (B2A0290-BS1)					Prepared: 1/11/2012 Analyzed: 1/11/2012				
Lead	1.0	0.50	1.00		99.9	80 - 120			
Duplicate (B2A0290-DUP1)		**Source: 1100837-CA**			Prepared: 1/11/2012 Analyzed: 1/11/2012				
Lead	0.61	0.50		0.63	NR		2.94	20	
Duplicate (B2A0290-DUP2)		**Source: 1100828-71**			Prepared: 1/11/2012 Analyzed: 1/11/2012				
Lead	0.08	0.50		0.17	NR		66.8	20	R
Matrix Spike (B2A0290-MS1)		**Source: 1100837-CA**			Prepared: 1/11/2012 Analyzed: 1/11/2012				
Lead	3.4	0.50	2.50	0.63	110	80 - 120			
Matrix Spike (B2A0290-MS2)		**Source: 1100828-71**			Prepared: 1/11/2012 Analyzed: 1/11/2012				
Lead	2.8	0.50	2.50	0.17	103	80 - 120			
Matrix Spike Dup (B2A0290-MSD1)		**Source: 1100837-CA**			Prepared: 1/11/2012 Analyzed: 1/11/2012				
Lead	3.3	0.50	2.50	0.63	105	80 - 120	3.48	20	
Batch S2A0114 - B2A0291									
Instrument Blank (S2A0114-IBL1)					Prepared: 1/11/2012 Analyzed: 1/11/2012				
Lead	ND	0.50			NR				

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/11/2012

Notes and Definitions

R	RPD value outside acceptance criteria. Calculation is based on raw values.
ND	Analyte not detected at or above reporting limit
PQL	Practical Quantitation Limit
MDL	Method Detection Limit
NR	Not Reported
RPD	Relative Percent Difference

Diane Galvan

From: Luann Beadle [beadle@geoconinc.com]
Sent: Thursday, January 05, 2012 2:33 PM
To: Diane Galvan
Subject: TO-16 Lab Results: 1100809, 1100820, 1100821, 1100825, 1100828, 1100836, & 1100837

Hi Diane,

Following you will find a copy of Caltrans' requested additional WET analyses, organized by metal, then Lab Order Number. I know it is a little lengthy, so if you need extra help sorting, let me know. Please run them on an expedited TAT.

LEAD

File 1100809.xls
WET:

G382-0
G427-0
G508-0.5
G420-0
G378-0.5
G473-0
G489-1.5
G374-0.5
G418-0
G420-0.5
G372-0
G476-0
G471-0
G375-0.5
G426-0.5
G380-1.5
G477-1.5
G373-0.5
G473-0.5

G379-0.5
G378-0
G426-0
G483-2.5
G469-0
G380-0.5
G478-2.5
G487-1.5
G376-0
G474-0
G373-0
G376-0.5
G481-0
G476-2.5
G481-2.5
G422-0
G479-0
G479-0.5
G482-1.5
G486-2.5
G484-0
G484-0.5
G489-0
G489-0.5
G491-0
G422-0.5

TCLP:

|---|
|G495-0 |

```
|-------------|


File 1100820.xls
WET:
|-------------|
|G512-1.5     |
|-------------|
|G515-1.5     |
|-------------|
|G467-0.5     |
|-------------|
|G463-2.5     |
|-------------|
|G517-2.5     |
|-------------|
|G466-0.5     |
|-------------|
|G464-1.5     |
|-------------|
|G516-0.5     |
|-------------|
|G517-0.5     |
|-------------|
|G463-1.5     |
|-------------|
|G518-1.5     |
|-------------|
|G510-1.5     |
|-------------|
|G519-1.5     |
|-------------|
|G517-1.5     |
|-------------|
|G521-2.5     |
|-------------|


TCLP:
|-------------|
|G520-1.5     |
|-------------|


File 1100821.xls
WET:
|-------------|
|G507-1.5     |
|-------------|
|G244-0.5     |
|-------------|
|G207-0.5     |
|-------------|
|G245-0.5     |
|-------------|
|G247-0       |
```

|---|
G325-0.5
G229-0.5
G327-0
G326-0
G241-0
G225-0
G207-0
G206-0
G262-0.5
G259-0.5
G258-0.5
G224-0
G390-0.5
G325-0
G248-0.5
G205-0.5
G390-2.5
G366-.5
G247-0.5
G209-0
G387-1.5
G388-2.5
G239-0.5
G260-0.5
G242-0.5
G367-.5
G391-2.5
G255-0

```
|G229-0        |
|-------------|
|G208-0        |
|-------------|
|G242-0        |
|-------------|
|G387-.5       |
|-------------|
|G259-0        |
|-------------|
|G239-0        |
|-------------|
|G241-0.5      |
|-------------|
|G205-0        |
|-------------|
|G263-0.5      |
|-------------|
|G391-1.5      |
|-------------|
|G251-0.5      |
|-------------|
|G383-0        |
|-------------|
|G252-0        |
|-------------|
|G389-0.5      |
|-------------|
```

TCLP:

```
|-------------|
|G258-0        |
|-------------|
|G260-0        |
|-------------|
|G263-0        |
|-------------|
|G391-0.5      |
|-------------|
|G386-0.5      |
|-------------|
|G238-0        |
|-------------|
|G251-0        |
|-------------|
|G262-0        |
|-------------|
|G324-0        |
|-------------|
|G226-0.5      |
|-------------|
|G385-0        |
|-------------|
|G384-0        |
|-------------|
|G388-0        |
```

G386-0
G261-0
G226-0
G388-.5
G254-0
G388-1.5
G390-0
G389-0
G387-0
G391-0

File 1100825.xls
WET:

G273-0.5
G275-0.5
G311-0.5
G269-0.5
G272-1.5
G285-0.5
G270-0.5
G308-2.5
G290-0.5
G279-0.5
G301-0.5
G269-1.5
G281-1.5
G284-0.5
G266-0.5

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|G282-0.5      |
|--------------|
|G277-0.5      |
|--------------|
|G304-0        |
|--------------|
|G314-0.5      |
|--------------|
|G280-0.5      |
|--------------|
|G280-0        |
|--------------|
|G300-0.5      |
|--------------|
|G267-0.5      |
|--------------|
|G278-1.5      |
|--------------|
|G277-0        |
|--------------|
|G281-0        |
|--------------|
|G281-0.5      |
|--------------|
|G290-1.5      |
|--------------|
|G296-0.5      |
|--------------|
|G283-0        |
|--------------|
|G287-0.5      |
|--------------|
|G304-0.5      |
|--------------|
|G310-0        |
|--------------|
|G264-0.5      |
|--------------|
|G298-0        |
|--------------|
|W-ALAM-C1-1.5 |
|--------------|
|G284-0        |
|--------------|
|G294-0        |
|--------------|
|G310-0.5      |
|--------------|
|G313-0.5      |
|--------------|
|G278-0        |
|--------------|
|G287-0        |
|--------------|
|G266-1.5      |
|--------------|
|G282-0        |
```

G274-0
G302-0
G312-0.5
G276-0
G296-0
G270-0
G271-0
G279-0
G266-0
G274-0.5
G286-0.5
G272-0
G286-0

TCLP:

G285-0
G264-0
G273-0
G267-0
G269-0
G293-0
G297-0
G275-0
W-ALAM-C1-0
G308-0.5
G268-0
G301-0
G290-0

```
|G303-0        |
|--------------|
|G311-0        |
|--------------|
|G300-0        |
|--------------|
|G314-0        |
|--------------|
|G307-0.5      |
|--------------|
|G305-0        |
|--------------|
|G306-0.5      |
|--------------|
|G312-0        |
|--------------|
|G313-0        |
|--------------|
```

File 1100828.xls
WET:

```
|-------------|
|G13-0        |
|-------------|
|G105-.5      |
|-------------|
|G11-0        |
|-------------|
|G99-.5       |
|-------------|
|G9-.5        |
|-------------|
|G14-.5       |
|-------------|
|G101-.5      |
|-------------|
|G111-0       |
|-------------|
|G150-0       |
|-------------|
|G9-0         |
|-------------|
|G10-0        |
|-------------|
|G12-0        |
|-------------|
|G13-.5       |
|-------------|
|G107-0       |
|-------------|
|G148-.5      |
|-------------|
|G149-0       |
|-------------|
|G4-.5        |
```

|---|
G3-.5
G140-0
G11-.5
G106-0
G115-0
G117-.5
G98-.5
G110-0
G139-.5
G145-.5
G116-.5
G28-.5
G97-.5
G115-.5
G29-.5
G98-0
G117-0
G150-.5
G138-.5
G29-0
G30-.5
G101-0
G146-0
G27-0
G31-.5
G28-0
G97-0
G120-0

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|G118-.5      |
|-------------|
|G12-.5       |
|-------------|
|G119-.5      |
|-------------|
|G32-0        |
|-------------|
|G96-0        |
|-------------|
|G149-.5      |
|-------------|
|G116-0       |
|-------------|
|G119-0       |
|-------------|
|G2-.5        |
|-------------|
```

TCLP:

```
|-------------|
|G27-.5       |
|-------------|
|G6-0         |
|-------------|
|G136-0       |
|-------------|
|G99-0        |
|-------------|
|G135-0       |
|-------------|
|G30-0        |
|-------------|
|G5-0         |
|-------------|
|G96-.5       |
|-------------|
|G139-0       |
|-------------|
|G5-.5        |
|-------------|
|G2-0         |
|-------------|
|G3-0         |
|-------------|
```

File 1100836.xls

WET:

```
|-------------|
|G124-0       |
|-------------|
|G155-.5      |
|-------------|
|G158-0       |
```

G127-0
G172-0.5
G430-0
G127-.5
G157-0
G333-0
G178-0
G434-0
G156-0
G179-0
G320-0
G153-.5
G220-0
G154-.5
G235-0
G126-.5
G155-0
G321-0
G319-0
G317-0
G172-0
G232-0
G316-0
G124-.5
G236-0

TCLP:

G232-0.5

```
|G233-0       |
|-------------|
```

File 1100837.xls
WET:

```
|-------------|
|G66-1.5      |
|-------------|
|G74-2.5      |
|-------------|
|G66-0.5      |
|-------------|
|G69-1.5      |
|-------------|
|G71-0        |
|-------------|
|G79-0        |
|-------------|
|G63-1.5      |
|-------------|
|G59-0.5      |
|-------------|
|G77-0.5      |
|-------------|
|G57-1.5      |
|-------------|
|G63-2.5      |
|-------------|
|G65-0.5      |
|-------------|
|G62-1.5      |
|-------------|
|G54-0.5      |
|-------------|
|G63-0.5      |
|-------------|
|G56-0        |
|-------------|
|G66-0        |
|-------------|
|G63-0        |
|-------------|
|G61-1.5      |
|-------------|
|G75-0        |
|-------------|
|G75-1.5      |
|-------------|
|G68-0        |
|-------------|
|G55-1.5      |
|-------------|
|G72-0        |
|-------------|
|G58-1.5      |
```

|---|
G71-0.5
G70-1.5
G59-2.5
G66-2.5
G69-0
G70-0
G58-2.5
G65-2.5

TCLP:

|---|
G73-0
G64-0
G69-2.5
G61-0
G65-0
G76-0

CHROMIUM

File 1100809.xls
WET:

|---|
G426-0
G420-0
G424-0.5
G422-0
G422-0.5
G420-0.5
G420-1.5
G424-2.5

```
|-------------|
|G426-1.5     |
|-------------|
```

File 1100820.xls
WET:

```
|-------------|
|G463-0       |
|-------------|
|G519-1.5     |
|-------------|
```

File 1100821.xls
WET:

```
|-------------|
|G417-0       |
|-------------|
```

File 1100837.xls
WET:

```
|-------------|
|G71-1.5      |
|-------------|
```

NICKEL

File 1100809.xls
WET:

```
|-------------|
|G426-1.5     |
|-------------|
|G424-2.5     |
|-------------|
```

BARIUM

File 1100837.xls
WET:

```
|-------------|
|G49-0.5      |
|-------------|
```

MERCURY

File 1100837.xls
WET:

G15-0
G15-2.5
G72-1.5
G18-2.5
G18-0
G24-2.5
G22-0.5
G47-0
G33-0.5
G19-0
G40-0.5
G20-1.5
G47-0.5
G48-0.5
G23-0.5
G19-0.5
G33-1.5
G72-0.5
G73-1.5
G17-0

As always, thank you very much.
Luann

ADVANCED TECHNOLOGY LABORATORIES

January 17, 2012

ELAP No.: 1838
NELAP No.: 02107CA
CSDLAC No.: 10196
ORELAP No.: CA300003

Luann Beadle
Geocon Consultants, Inc.
6671 Brisa Street
Livermore, CA 94550
Tel: (925) 371-5900
Fax:(925) 371-5915

Re: ATL Work Order Number : 1100836
Client Reference : TO-16, E8560-06-16

Enclosed are the results for sample(s) received on December 30, 2011 by Advanced Technology Laboratories. The sample(s) are tested for the parameters as indicated on the enclosed chain of custody in accordance with applicable laboratory certifications. The laboratory results contained in this report specifically pertains to the sample(s) submitted.

Thank you for the opportunity to serve the needs of your company. If you have any questions, please feel free to contact me or your Project Manager.

Sincerely,

Eddie Rodriguez
Laboratory Director

The cover letter and the case narrative are an integral part of this analytical report and its absence renders the report invalid. The report cannot be reproduced without written permission from the client and Advanced Technology Laboratories.

3275 Walnut Avenue, Signal Hill, CA 90755 • Tel: 562-989-4045 • Fax: 562-989-4040
www.atlglobal.com

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/17/2012

SUMMARY OF SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
G124-.5	1100836-06	Soil	12/29/11 8:34	12/30/11 7:48
G232-0	1100836-51	Soil	12/29/11 11:00	12/30/11 7:48
G236-0	1100836-59	Soil	12/29/11 10:58	12/30/11 7:48
G316-0	1100836-73	Soil	12/29/11 12:47	12/30/11 7:48
G317-0	1100836-75	Soil	12/29/11 12:54	12/30/11 7:48
G319-0	1100836-79	Soil	12/29/11 12:47	12/30/11 7:48
G320-0	1100836-81	Soil	12/29/11 12:51	12/30/11 7:48
G321-0	1100836-83	Soil	12/29/11 12:54	12/30/11 7:48

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/17/2012

STLC-DI Lead by AA (Direct Aspiration) EPA 7420

Analyte: Lead **Analyst: VV**

Laboratory ID	Client Sample ID	Result	Units	PQL	MDL	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1100836-06	G124-.5	**ND**	mg/L	0.50	NA	1	B2A0368	01/14/2012	01/16/12 17:21	
1100836-51	G232-0	**ND**	mg/L	0.50	NA	1	B2A0370	01/14/2012	01/16/12 17:24	
1100836-59	G236-0	**ND**	mg/L	0.50	NA	1	B2A0370	01/14/2012	01/16/12 17:25	
1100836-73	G316-0	**ND**	mg/L	0.50	NA	1	B2A0370	01/14/2012	01/16/12 17:25	
1100836-75	G317-0	**ND**	mg/L	0.50	NA	1	B2A0370	01/14/2012	01/16/12 17:25	
1100836-79	G319-0	**ND**	mg/L	0.50	NA	1	B2A0370	01/14/2012	01/16/12 17:26	
1100836-81	G320-0	**ND**	mg/L	0.50	NA	1	B2A0370	01/14/2012	01/16/12 17:26	
1100836-83	G321-0	**ND**	mg/L	0.50	NA	1	B2A0370	01/14/2012	01/16/12 17:26	

Geocon Consultants, Inc.	Project Number : TO-16, E8560-06-16
6671 Brisa Street	Report To : Luann Beadle
Livermore , CA 94550	Reported : 01/17/2012

QUALITY CONTROL SECTION

STLC-DI Lead by AA (Direct Aspiration) EPA 7420 - Quality Control

Analyte	Result (mg/L)	PQL (mg/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0368 - STLC DI Extraction									
Blank (B2A0368-BLK1)					Prepared: 1/14/2012 Analyzed: 1/16/2012				
Lead	ND	0.50			NR				
Blank (B2A0368-BLK2)					Prepared: 1/14/2012 Analyzed: 1/16/2012				
Lead	ND	0.50			NR				
LCS (B2A0368-BS1)					Prepared: 1/14/2012 Analyzed: 1/16/2012				
Lead	4.9	0.05	5.00		98.3	80 - 120			
Duplicate (B2A0368-DUP1)		**Source: 1100828-64**			Prepared: 1/14/2012 Analyzed: 1/16/2012				
Lead	0.10	0.50		0.07	NR		26.1	20	R
Duplicate (B2A0368-DUP2)		**Source: 1100836-06**			Prepared: 1/14/2012 Analyzed: 1/16/2012				
Lead	ND	0.50		ND	NR			20	
Matrix Spike (B2A0368-MS1)		**Source: 1100828-64**			Prepared: 1/14/2012 Analyzed: 1/16/2012				
Lead	5.1	0.05	5.00	0.07	100	80 - 120			
Matrix Spike (B2A0368-MS2)		**Source: 1100836-06**			Prepared: 1/14/2012 Analyzed: 1/16/2012				
Lead	5.1	0.05	5.00	ND	103	80 - 120			
Matrix Spike Dup (B2A0368-MSD1)		**Source: 1100828-64**			Prepared: 1/14/2012 Analyzed: 1/16/2012				
Lead	5.1	0.05	5.00	0.07	101	80 - 120	0.265	20	
Batch B2A0370 - STLC DI Extraction									
Blank (B2A0370-BLK1)					Prepared: 1/14/2012 Analyzed: 1/16/2012				
Lead	ND	0.50			NR				
Blank (B2A0370-BLK2)					Prepared: 1/14/2012 Analyzed: 1/16/2012				
Lead	ND	0.50			NR				
LCS (B2A0370-BS1)					Prepared: 1/14/2012 Analyzed: 1/16/2012				
Lead	5.1	0.05	5.00		101	80 - 120			
Duplicate (B2A0370-DUP1)		**Source: 1100837-BM**			Prepared: 1/14/2012 Analyzed: 1/16/2012				
Lead	0.16	0.50		0.12	NR		29.6	20	R
Duplicate (B2A0370-DUP2)		**Source: 1100842-23**			Prepared: 1/14/2012 Analyzed: 1/16/2012				
Lead	0.21	0.50		ND	NR			20	
Matrix Spike (B2A0370-MS1)		**Source: 1100837-BM**			Prepared: 1/14/2012 Analyzed: 1/16/2012				
Lead	5.1	0.05	5.00	0.12	99.5	80 - 120			
Matrix Spike (B2A0370-MS2)		**Source: 1100842-23**			Prepared: 1/14/2012 Analyzed: 1/16/2012				
Lead	5.0	0.05	5.00	ND	99.3	80 - 120			

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/17/2012

STLC-DI Lead by AA (Direct Aspiration) EPA 7420 - Quality Control (cont'd)

Analyte	Result (mg/L)	PQL (mg/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0370 - STLC DI Extraction (continued)									
Matrix Spike Dup (B2A0370-MSD1)		**Source: 1100837-BM**			Prepared: 1/14/2012 Analyzed: 1/16/2012				
Lead	5.1	0.05	5.00	0.12	98.9	80 - 120	0.607	20	
Batch S2A0168 - B2A0372									
Instrument Blank (S2A0168-IBL1)					Prepared: 1/16/2012 Analyzed: 1/16/2012				
Lead	ND	0.50			NR				

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/17/2012

Notes and Definitions

R	RPD value outside acceptance criteria. Calculation is based on raw values.
ND	Analyte not detected at or above reporting limit
PQL	Practical Quantitation Limit
MDL	Method Detection Limit
NR	Not Reported
RPD	Relative Percent Difference

Diane Galvan

From: Luann Beadle [beadle@geoconinc.com]
Sent: Thursday, January 12, 2012 11:55 AM
To: Diane Galvan
Subject: Additional Results/EDD - TO-16 (1100836add1.xls)

Hi Diane,

Per Caltrans, please do the following on an expedited TAT:

Run DI-WET for the following:

Sample Name	Lab Sample ID	Analyte
G320-0	1100836-81	Lead
G321-0	1100836-83	Lead
G124-.5	1100836-06	Lead
G236-0	1100836-59	Lead
G317-0	1100836-75	Lead
G319-0	1100836-79	Lead
G232-0	1100836-51	Lead
G316-0	1100836-73	Lead

Thank you,
Luann

ADVANCED TECHNOLOGY LABORATORIES

January 20, 2012

ELAP No.: 1838
NELAP No.: 02107CA
CSDLAC No.: 10196
ORELAP No.: CA300003

Luann Beadle
Geocon Consultants, Inc.
6671 Brisa Street
Livermore, CA 94550
Tel: (925) 371-5900
Fax:(925) 371-5915

Re: ATL Work Order Number : 1100836
Client Reference : TO-16, E8560-06-16

Enclosed are the results for sample(s) received on December 30, 2011 by Advanced Technology Laboratories. The sample(s) are tested for the parameters as indicated on the enclosed chain of custody in accordance with applicable laboratory certifications. The laboratory results contained in this report specifically pertains to the sample(s) submitted.

Thank you for the opportunity to serve the needs of your company. If you have any questions, please feel free to contact me or your Project Manager.

Sincerely,

Eddie Rodriguez
Laboratory Director

The cover letter and the case narrative are an integral part of this analytical report and its absence renders the report invalid. The report cannot be reproduced without written permission from the client and Advanced Technology Laboratories.

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Geocon Consultants, Inc.	Project Number : TO-16, E8560-06-16
6671 Brisa Street	Report To : Luann Beadle
Livermore , CA 94550	Reported : 01/20/2012

SUMMARY OF SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
G232-0.5	1100836-52	Soil	12/29/11 11:00	12/30/11 7:48
G233-0	1100836-53	Soil	12/29/11 11:05	12/30/11 7:48

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/20/2012

STLC Lead by AA (Direct Aspiration) by EPA 7420

Analyte: Lead **Analyst: VV**

Laboratory ID	Client Sample ID	Result	Units	PQL	MDL	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1100836-52	G232-0.5	**16**	mg/L	1.0	NA	2	B2A0459	01/18/2012	01/20/12 12:13	
1100836-53	G233-0	**16**	mg/L	1.0	NA	2	B2A0459	01/18/2012	01/20/12 12:13	

Geocon Consultants, Inc.	Project Number : TO-16, E8560-06-16
6671 Brisa Street	Report To : Luann Beadle
Livermore , CA 94550	Reported : 01/20/2012

QUALITY CONTROL SECTION

STLC Lead by AA (Direct Aspiration) by EPA 7420 - Quality Control

Analyte	Result (mg/L)	PQL (mg/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0459 - STLC Extraction									
Blank (B2A0459-BLK1)					Prepared: 1/18/2012 Analyzed: 1/20/2012				
Lead	ND	0.50			NR				
Blank (B2A0459-BLK2)					Prepared: 1/18/2012 Analyzed: 1/20/2012				
Lead	ND	0.50			NR				
LCS (B2A0459-BS1)					Prepared: 1/18/2012 Analyzed: 1/20/2012				
Lead	4.9	0.05	5.00		98.8	80 - 120			
Duplicate (B2A0459-DUP1)		**Source: 1100837-CN**			Prepared: 1/18/2012 Analyzed: 1/20/2012				
Lead	2.9	0.50		2.9	NR		0.613	20	
Duplicate (B2A0459-DUP2)		**Source: 1200023-28**			Prepared: 1/18/2012 Analyzed: 1/20/2012				
Lead	26	2.5		25	NR		4.72	20	
Matrix Spike (B2A0459-MS1)		**Source: 1100837-CN**			Prepared: 1/18/2012 Analyzed: 1/20/2012				
Lead	8.0	0.05	5.00	2.9	102	80 - 120			
Matrix Spike (B2A0459-MS2)		**Source: 1200023-28**			Prepared: 1/18/2012 Analyzed: 1/20/2012				
Lead	31	0.25	5.00	25	124	80 - 120			M1
Matrix Spike Dup (B2A0459-MSD1)		**Source: 1100837-CN**			Prepared: 1/18/2012 Analyzed: 1/20/2012				
Lead	8.1	0.05	5.00	2.9	104	80 - 120	0.964	20	
Batch S2A0095 - B2A0199									
Instrument Blank (S2A0095-IBL1)					Prepared: 1/10/2012 Analyzed: 1/10/2012				
Lead	ND	0.50			NR				
Batch S2A0236 - B2A0475									
Instrument Blank (S2A0236-IBL1)					Prepared: 1/20/2012 Analyzed: 1/20/2012				
Lead	ND	0.50			NR				

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/20/2012

Notes and Definitions

M1	Matrix spike recovery outside of acceptance limit. The analytical batch was validated by the laboratory control sample.
ND	Analyte not detected at or above reporting limit
PQL	Practical Quantitation Limit
MDL	Method Detection Limit
NR	Not Reported
RPD	Relative Percent Difference

Diane Galvan

From: Luann Beadle [beadle@geoconinc.com]
Sent: Tuesday, January 17, 2012 3:55 PM
To: Diane Galvan
Subject: TO-16 Lab Results: 1100809, 1100820, 1100821, 1100825, 1100828, 1100836, & 1100837 Spreadsheets - Run Soluble Metals

Hello Diane,
Per Caltrans, please run the following analyses on an expedited TAT.
Thank you,
Luann

Please run WETs for the samples below.

Sample Name - Lab Sample ID - Analyte

FILE 1100809.xls

G495-0	1100809-GN	Lead

FILE 1100820.xls

G520-1.5	1100820-67	Lead

FILE 1100821.xls

G258-0	1100821-72	Lead
G260-0	1100821-76	Lead
G263-0	1100821-82	Lead
G391-0.5	1100821-33	Lead
G386-0.5	1100821-37	Lead
G238-0	1100821-98	Lead
G251-0	1100821-86	Lead
G262-0	1100821-80	Lead
G324-0	1100821-BW	Lead
G226-0.5	1100821-AZ	Lead
G385-0	1100821-68	Lead
G384-0	1100821-64	Lead
G388-0	1100821-56	Lead

G386-0	1100821-36	Lead
G261-0	1100821-78	Lead
G226-0	1100821-AY	Lead
G388-.5	1100821-57	Lead
G254-0	1100821-92	Lead
G388-1.5	1100821-58	Lead
G390-0	1100821-28	Lead
G389-0	1100821-24	Lead
G387-0	1100821-52	Lead
G391-0	1100821-32	Lead

FILE 1100825.xls

G285-0	1100825-85	Lead
G264-0	1100825-01	Lead
G273-0	1100825-37	Lead
G267-0	1100825-09	Lead
G269-0	1100825-21	Lead
G293-0	1100825-AJ	Lead
G297-0	1100825-AZ	Lead
G275-0	1100825-45	Lead
W-ALAM-C1-0	1100825-17	Lead
G308-0.5	1100825-CS	Lead
G268-0	1100825-13	Lead
G301-0	1100825-BP	Lead
G290-0	1100825-AB	Lead
G303-0	1100825-BX	Lead
G311-0	1100825-DD	Lead
G300-0	1100825-BL	Lead

G314-0	1100825-DP	Lead
G307-0.5	1100825-CO	Lead
G305-0	1100825-CF	Lead
G306-0.5	1100825-CK	Lead
G312-0	1100825-DH	Lead
G313-0	1100825-DL	Lead

FILE 1100828.xls

G27-.5	1100828-74	Lead
G6-0	1100828-71	Lead
G136-0	1100828-27	Lead
G99-0	1100828-AP	Lead
G135-0	1100828-25	Lead
G30-0	1100828-79	Lead
G5-0	1100828-69	Lead
G96-.5	1100828-AK	Lead
G139-0	1100828-33	Lead
G5-.5	1100828-70	Lead
G2-0	1100828-63	Lead
G3-0	1100828-65	Lead

FILE 1100836.xls

G232-0.5	1100836-52	Lead
G233-0	1100836-53	Lead

FILE 1100837.xls

G73-0	1100837-CN	Lead
G64-0	1100837-BH	Lead

G69-2.5	1100837-CA	Lead
G61-0	1100837-AV	Lead
G65-0	1100837-BL	Lead
G76-0	1100837-CZ	Lead

ADVANCED TECHNOLOGY LABORATORIES

January 04, 2012

ELAP No.: 1838
NELAP No.: 02107CA
CSDLAC No.: 10196
ORELAP No.: CA300003

Luann Beadle
Geocon Consultants, Inc.
6671 Brisa Street
Livermore, CA 94550
Tel: (925) 371-5900
Fax:(925) 371-5915

Re: ATL Work Order Number : 1100837
Client Reference : TO-16, E8560-06-16

Enclosed are the results for sample(s) received on December 30, 2011 by Advanced Technology Laboratories. The sample(s) are tested for the parameters as indicated on the enclosed chain of custody in accordance with applicable laboratory certifications. The laboratory results contained in this report specifically pertains to the sample(s) submitted.

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Sincerely,

Eddie Rodriguez
Laboratory Director

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Geocon Consultants, Inc.	Project Number : TO-16, E8560-06-16
6671 Brisa Street	Report To : Luann Beadle
Livermore , CA 94550	Reported : 01/04/2012

SUMMARY OF SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
G15-0	1100837-01	Soil	12/29/11 8:45	12/30/11 7:48
G15-0.5	1100837-02	Soil	12/29/11 8:46	12/30/11 7:48
G15-1.5	1100837-03	Soil	12/29/11 8:47	12/30/11 7:48
G15-2.5	1100837-04	Soil	12/29/11 8:48	12/30/11 7:48
G16-0	1100837-05	Soil	12/29/11 8:52	12/30/11 7:48
G16-0.5	1100837-06	Soil	12/29/11 8:53	12/30/11 7:48
G16-1.5	1100837-07	Soil	12/29/11 8:54	12/30/11 7:48
G16-2.5	1100837-08	Soil	12/29/11 8:55	12/30/11 7:48
G17-0	1100837-09	Soil	12/29/11 9:00	12/30/11 7:48
G17-0.5	1100837-10	Soil	12/29/11 9:01	12/30/11 7:48
G17-1.5	1100837-11	Soil	12/29/11 9:02	12/30/11 7:48
G17-2.5	1100837-12	Soil	12/29/11 9:03	12/30/11 7:48
G18-0	1100837-13	Soil	12/29/11 9:08	12/30/11 7:48
G18-0.5	1100837-14	Soil	12/29/11 9:09	12/30/11 7:48
G18-1.5	1100837-15	Soil	12/29/11 9:10	12/30/11 7:48
G18-2.5	1100837-16	Soil	12/29/11 9:11	12/30/11 7:48
G19-0	1100837-17	Soil	12/29/11 9:15	12/30/11 7:48
G19-0.5	1100837-18	Soil	12/29/11 9:16	12/30/11 7:48
G19-1.5	1100837-19	Soil	12/29/11 9:17	12/30/11 7:48
G19-2.5	1100837-20	Soil	12/29/11 9:18	12/30/11 7:48
G20-0	1100837-21	Soil	12/29/11 9:22	12/30/11 7:48
G20-0.5	1100837-22	Soil	12/29/11 9:23	12/30/11 7:48
G20-1.5	1100837-23	Soil	12/29/11 9:24	12/30/11 7:48
G20-2.5	1100837-24	Soil	12/29/11 9:25	12/30/11 7:48
G21-0	1100837-25	Soil	12/29/11 9:29	12/30/11 7:48
G21-0.5	1100837-26	Soil	12/29/11 9:30	12/30/11 7:48
G21-1.5	1100837-27	Soil	12/29/11 9:31	12/30/11 7:48
G21-2.5	1100837-28	Soil	12/29/11 9:32	12/30/11 7:48
G22-0	1100837-29	Soil	12/29/11 9:35	12/30/11 7:48
G22-0.5	1100837-30	Soil	12/29/11 9:36	12/30/11 7:48
G22-1.5	1100837-31	Soil	12/29/11 9:37	12/30/11 7:48
G22-2.5	1100837-32	Soil	12/29/11 9:38	12/30/11 7:48
G23-0	1100837-33	Soil	12/29/11 9:44	12/30/11 7:48
G23-0.5	1100837-34	Soil	12/29/11 9:45	12/30/11 7:48
G23-1.5	1100837-35	Soil	12/29/11 9:46	12/30/11 7:48

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

G23-2.5	1100837-36	Soil	12/29/11	9:47	12/30/11	7:48
G24-0	1100837-37	Soil	12/29/11	9:50	12/30/11	7:48
G24-0.5	1100837-38	Soil	12/29/11	9:51	12/30/11	7:48
G24-1.5	1100837-39	Soil	12/29/11	9:52	12/30/11	7:48
G24-2.5	1100837-40	Soil	12/29/11	9:53	12/30/11	7:48
G33-0	1100837-41	Soil	12/29/11	9:57	12/30/11	7:48
G33-0.5	1100837-42	Soil	12/29/11	9:58	12/30/11	7:48
G33-1.5	1100837-43	Soil	12/29/11	9:59	12/30/11	7:48
G33-2.5	1100837-44	Soil	12/29/11	10:00	12/30/11	7:48
G36-0	1100837-45	Soil	12/29/11	10:04	12/30/11	7:48
G36-0.5	1100837-46	Soil	12/29/11	10:05	12/30/11	7:48
G36-1.5	1100837-47	Soil	12/29/11	10:06	12/30/11	7:48
G36-2.5	1100837-48	Soil	12/29/11	10:07	12/30/11	7:48
G37-0	1100837-49	Soil	12/29/11	10:11	12/30/11	7:48
G37-0.5	1100837-50	Soil	12/29/11	10:12	12/30/11	7:48
G37-1.5	1100837-51	Soil	12/29/11	10:13	12/30/11	7:48
G37-2.5	1100837-52	Soil	12/29/11	10:14	12/30/11	7:48
G40-0	1100837-53	Soil	12/29/11	10:18	12/30/11	7:48
G40-0.5	1100837-54	Soil	12/29/11	10:19	12/30/11	7:48
G40-1.5	1100837-55	Soil	12/29/11	10:20	12/30/11	7:48
G40-2.5	1100837-56	Soil	12/29/11	10:21	12/30/11	7:48
G41-0	1100837-57	Soil	12/29/11	10:24	12/30/11	7:48
G41-0.5	1100837-58	Soil	12/29/11	10:25	12/30/11	7:48
G41-1.5	1100837-59	Soil	12/29/11	10:26	12/30/11	7:48
G41-2.5	1100837-60	Soil	12/29/11	10:27	12/30/11	7:48
G42-0	1100837-61	Soil	12/29/11	10:30	12/30/11	7:48
G42-0.5	1100837-62	Soil	12/29/11	10:31	12/30/11	7:48
G42-1.5	1100837-63	Soil	12/29/11	10:32	12/30/11	7:48
G42-2.5	1100837-64	Soil	12/29/11	10:33	12/30/11	7:48
G43-0	1100837-65	Soil	12/29/11	10:37	12/30/11	7:48
G43-0.5	1100837-66	Soil	12/29/11	10:38	12/30/11	7:48
G43-1.5	1100837-67	Soil	12/29/11	10:39	12/30/11	7:48
G43-2.5	1100837-68	Soil	12/29/11	10:40	12/30/11	7:48
G44-0	1100837-69	Soil	12/29/11	10:45	12/30/11	7:48
G44-0.5	1100837-70	Soil	12/29/11	10:46	12/30/11	7:48
G44-1.5	1100837-71	Soil	12/29/11	10:47	12/30/11	7:48
G44-2.5	1100837-72	Soil	12/29/11	10:48	12/30/11	7:48
G47-0	1100837-73	Soil	12/29/11	10:53	12/30/11	7:48
G47-0.5	1100837-74	Soil	12/29/11	10:54	12/30/11	7:48

G47-1.5	1100837-75	Soil	12/29/11 10:55	12/30/11 7:48
G47-2.5	1100837-76	Soil	12/29/11 10:56	12/30/11 7:48
G48-0	1100837-77	Soil	12/29/11 11:00	12/30/11 7:48
G48-0.5	1100837-78	Soil	12/29/11 11:01	12/30/11 7:48
G48-1.5	1100837-79	Soil	12/29/11 11:02	12/30/11 7:48
G48-2.5	1100837-80	Soil	12/29/11 11:03	12/30/11 7:48
G49-0	1100837-81	Soil	12/29/11 11:14	12/30/11 7:48
G49-0.5	1100837-82	Soil	12/29/11 11:15	12/30/11 7:48
G49-1.5	1100837-83	Soil	12/29/11 11:16	12/30/11 7:48
G49-2.5	1100837-84	Soil	12/29/11 11:17	12/30/11 7:48
G52-0	1100837-85	Soil	12/29/11 11:21	12/30/11 7:48
G52-0.5	1100837-86	Soil	12/29/11 11:22	12/30/11 7:48
G52-1.5	1100837-87	Soil	12/29/11 11:23	12/30/11 7:48
G52-2.5	1100837-88	Soil	12/29/11 11:24	12/30/11 7:48
G53-0	1100837-89	Soil	12/29/11 11:28	12/30/11 7:48
G53-0.5	1100837-90	Soil	12/29/11 11:29	12/30/11 7:48
G53-1.5	1100837-91	Soil	12/29/11 11:30	12/30/11 7:48
G53-2.5	1100837-92	Soil	12/29/11 11:31	12/30/11 7:48
G54-0	1100837-93	Soil	12/29/11 11:35	12/30/11 7:48
G54-0.5	1100837-94	Soil	12/29/11 11:36	12/30/11 7:48
G54-1.5	1100837-95	Soil	12/29/11 11:37	12/30/11 7:48
G54-2.5	1100837-96	Soil	12/29/11 11:38	12/30/11 7:48
G55-0	1100837-97	Soil	12/29/11 11:42	12/30/11 7:48
G55-0.5	1100837-98	Soil	12/29/11 11:43	12/30/11 7:48
G55-1.5	1100837-99	Soil	12/29/11 11:44	12/30/11 7:48
G55-2.5	1100837-AA	Soil	12/29/11 11:45	12/30/11 7:48
G56-0	1100837-AB	Soil	12/29/11 12:10	12/30/11 7:48
G56-0.5	1100837-AC	Soil	12/29/11 12:11	12/30/11 7:48
G56-1.5	1100837-AD	Soil	12/29/11 12:12	12/30/11 7:48
G56-2.5	1100837-AE	Soil	12/29/11 12:13	12/30/11 7:48
G57-0	1100837-AF	Soil	12/29/11 12:18	12/30/11 7:48
G57-0.5	1100837-AG	Soil	12/29/11 12:19	12/30/11 7:48
G57-1.5	1100837-AH	Soil	12/29/11 12:20	12/30/11 7:48
G57-2.5	1100837-AI	Soil	12/29/11 12:21	12/30/11 7:48
G58-0	1100837-AJ	Soil	12/29/11 12:25	12/30/11 7:48
G58-0.5	1100837-AK	Soil	12/29/11 12:26	12/30/11 7:48
G58-1.5	1100837-AL	Soil	12/29/11 12:27	12/30/11 7:48
G58-2.5	1100837-AM	Soil	12/29/11 12:28	12/30/11 7:48
G59-0	1100837-AN	Soil	12/29/11 12:32	12/30/11 7:48

G59-0.5	1100837-AO	Soil	12/29/11	12:33	12/30/11	7:48
G59-1.5	1100837-AP	Soil	12/29/11	12:34	12/30/11	7:48
G59-2.5	1100837-AQ	Soil	12/29/11	12:35	12/30/11	7:48
G60-0	1100837-AR	Soil	12/29/11	12:43	12/30/11	7:48
G60-0.5	1100837-AS	Soil	12/29/11	12:44	12/30/11	7:48
G60-1.5	1100837-AT	Soil	12/29/11	12:45	12/30/11	7:48
G60-2.5	1100837-AU	Soil	12/29/11	12:46	12/30/11	7:48
G61-0	1100837-AV	Soil	12/29/11	12:50	12/30/11	7:48
G61-0.5	1100837-AW	Soil	12/29/11	12:51	12/30/11	7:48
G61-1.5	1100837-AX	Soil	12/29/11	12:52	12/30/11	7:48
G61-2.5	1100837-AY	Soil	12/29/11	12:53	12/30/11	7:48
G62-0	1100837-AZ	Soil	12/29/11	12:57	12/30/11	7:48
G62-0.5	1100837-BA	Soil	12/29/11	12:58	12/30/11	7:48
G62-1.5	1100837-BB	Soil	12/29/11	12:59	12/30/11	7:48
G62-2.5	1100837-BC	Soil	12/29/11	13:00	12/30/11	7:48
G63-0	1100837-BD	Soil	12/29/11	13:05	12/30/11	7:48
G63-0.5	1100837-BE	Soil	12/29/11	13:06	12/30/11	7:48
G63-1.5	1100837-BF	Soil	12/29/11	13:07	12/30/11	7:48
G63-2.5	1100837-BG	Soil	12/29/11	13:08	12/30/11	7:48
G64-0	1100837-BH	Soil	12/29/11	13:13	12/30/11	7:48
G64-0.5	1100837-BI	Soil	12/29/11	13:14	12/30/11	7:48
G64-1.5	1100837-BJ	Soil	12/29/11	13:15	12/30/11	7:48
G64-2.5	1100837-BK	Soil	12/29/11	13:16	12/30/11	7:48
G65-0	1100837-BL	Soil	12/29/11	13:20	12/30/11	7:48
G65-0.5	1100837-BM	Soil	12/29/11	13:21	12/30/11	7:48
G65-1.5	1100837-BN	Soil	12/29/11	13:22	12/30/11	7:48
G65-2.5	1100837-BO	Soil	12/29/11	13:23	12/30/11	7:48
G66-0	1100837-BP	Soil	12/29/11	13:28	12/30/11	7:48
G66-0.5	1100837-BQ	Soil	12/29/11	13:29	12/30/11	7:48
G66-1.5	1100837-BR	Soil	12/29/11	13:30	12/30/11	7:48
G66-2.5	1100837-BS	Soil	12/29/11	13:31	12/30/11	7:48
G68-0	1100837-BT	Soil	12/29/11	13:40	12/30/11	7:48
G68-0.5	1100837-BU	Soil	12/29/11	13:41	12/30/11	7:48
G68-1.5	1100837-BV	Soil	12/29/11	13:42	12/30/11	7:48
G68-2.5	1100837-BW	Soil	12/29/11	13:43	12/30/11	7:48
G69-0	1100837-BX	Soil	12/29/11	13:50	12/30/11	7:48
G69-0.5	1100837-BY	Soil	12/29/11	13:51	12/30/11	7:48
G69-1.5	1100837-BZ	Soil	12/29/11	13:52	12/30/11	7:48
G69-2.5	1100837-CA	Soil	12/29/11	13:53	12/30/11	7:48

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
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G70-0	1100837-CB	Soil	12/29/11	13:58	12/30/11	7:48
G70-0.5	1100837-CC	Soil	12/29/11	13:59	12/30/11	7:48
G70-1.5	1100837-CD	Soil	12/29/11	14:00	12/30/11	7:48
G70-2.5	1100837-CE	Soil	12/29/11	14:01	12/30/11	7:48
G71-0	1100837-CF	Soil	12/29/11	14:06	12/30/11	7:48
G71-0.5	1100837-CG	Soil	12/29/11	14:07	12/30/11	7:48
G71-1.5	1100837-CH	Soil	12/29/11	14:08	12/30/11	7:48
G71-2.5	1100837-CI	Soil	12/29/11	14:09	12/30/11	7:48
G72-0	1100837-CJ	Soil	12/29/11	14:14	12/30/11	7:48
G72-0.5	1100837-CK	Soil	12/29/11	14:15	12/30/11	7:48
G72-1.5	1100837-CL	Soil	12/29/11	14:16	12/30/11	7:48
G72-2.5	1100837-CM	Soil	12/29/11	14:17	12/30/11	7:48
G73-0	1100837-CN	Soil	12/29/11	14:23	12/30/11	7:48
G73-0.5	1100837-CO	Soil	12/29/11	14:24	12/30/11	7:48
G73-1.5	1100837-CP	Soil	12/29/11	14:25	12/30/11	7:48
G73-2.5	1100837-CQ	Soil	12/29/11	14:26	12/30/11	7:48
G74-0	1100837-CR	Soil	12/29/11	14:35	12/30/11	7:48
G74-0.5	1100837-CS	Soil	12/29/11	14:36	12/30/11	7:48
G74-1.5	1100837-CT	Soil	12/29/11	14:37	12/30/11	7:48
G74-2.5	1100837-CU	Soil	12/29/11	14:38	12/30/11	7:48
G75-0	1100837-CV	Soil	12/29/11	14:43	12/30/11	7:48
G75-0.5	1100837-CW	Soil	12/29/11	14:44	12/30/11	7:48
G75-1.5	1100837-CX	Soil	12/29/11	14:45	12/30/11	7:48
G75-2.5	1100837-CY	Soil	12/29/11	14:46	12/30/11	7:48
G76-0	1100837-CZ	Soil	12/29/11	14:50	12/30/11	7:48
G76-0.5	1100837-DA	Soil	12/29/11	14:51	12/30/11	7:48
G76-1.5	1100837-DB	Soil	12/29/11	14:52	12/30/11	7:48
G76-2.5	1100837-DC	Soil	12/29/11	14:53	12/30/11	7:48
G77-0	1100837-DD	Soil	12/29/11	14:56	12/30/11	7:48
G77-0.5	1100837-DE	Soil	12/29/11	14:57	12/30/11	7:48
G77-1.5	1100837-DF	Soil	12/29/11	14:58	12/30/11	7:48
G77-2.5	1100837-DG	Soil	12/29/11	14:59	12/30/11	7:48
G78-0	1100837-DH	Soil	12/29/11	15:04	12/30/11	7:48
G78-0.5	1100837-DI	Soil	12/29/11	15:05	12/30/11	7:48
G78-1.5	1100837-DJ	Soil	12/29/11	15:06	12/30/11	7:48
G78-2.5	1100837-DK	Soil	12/29/11	15:07	12/30/11	7:48
G79-0	1100837-DL	Soil	12/29/11	15:12	12/30/11	7:48
G79-0.5	1100837-DM	Soil	12/29/11	15:13	12/30/11	7:48
G79-1.5	1100837-DN	Soil	12/29/11	15:14	12/30/11	7:48

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G79-2.5	1100837-DO	Soil	12/29/11 15:15	12/30/11 7:48

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G15-0

Lab ID: 1100837-01

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0008	01/03/2012	01/03/12 16:26	
Arsenic	ND	1.0	NA	1	B2A0008	01/03/2012	01/03/12 16:26	
Barium	**48**	1.0	NA	1	B2A0008	01/03/2012	01/03/12 16:26	
Beryllium	ND	1.0	NA	1	B2A0008	01/03/2012	01/03/12 16:26	
Cadmium	ND	1.0	NA	1	B2A0008	01/03/2012	01/03/12 16:26	
Chromium	**22**	1.0	NA	1	B2A0008	01/03/2012	01/03/12 16:26	
Cobalt	**15**	1.0	NA	1	B2A0008	01/03/2012	01/03/12 16:26	
Copper	**30**	2.0	NA	1	B2A0008	01/03/2012	01/03/12 16:26	
Lead	**28**	1.0	NA	1	B2A0008	01/03/2012	01/03/12 16:26	
Molybdenum	ND	1.0	NA	1	B2A0008	01/03/2012	01/03/12 16:26	
Nickel	**26**	1.0	NA	1	B2A0008	01/03/2012	01/03/12 16:26	
Selenium	ND	1.0	NA	1	B2A0008	01/03/2012	01/03/12 16:26	
Silver	ND	1.0	NA	1	B2A0008	01/03/2012	01/03/12 16:26	
Thallium	ND	1.0	NA	1	B2A0008	01/03/2012	01/03/12 16:26	
Vanadium	**83**	1.0	NA	1	B2A0008	01/03/2012	01/03/12 16:26	
Zinc	**46**	1.0	NA	1	B2A0008	01/03/2012	01/03/12 16:26	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G15-0.5
Lab ID: 1100837-02

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0008	01/03/2012	01/03/12 16:27	
Arsenic	**2.5**	1.0	NA	1	B2A0008	01/03/2012	01/03/12 16:27	
Barium	**38**	1.0	NA	1	B2A0008	01/03/2012	01/03/12 16:27	
Beryllium	ND	1.0	NA	1	B2A0008	01/03/2012	01/03/12 16:27	
Cadmium	ND	1.0	NA	1	B2A0008	01/03/2012	01/03/12 16:27	
Chromium	**28**	1.0	NA	1	B2A0008	01/03/2012	01/03/12 16:27	
Cobalt	**8.3**	1.0	NA	1	B2A0008	01/03/2012	01/03/12 16:27	
Copper	**17**	2.0	NA	1	B2A0008	01/03/2012	01/03/12 16:27	
Lead	**4.7**	1.0	NA	1	B2A0008	01/03/2012	01/03/12 16:27	
Molybdenum	ND	1.0	NA	1	B2A0008	01/03/2012	01/03/12 16:27	
Nickel	**32**	1.0	NA	1	B2A0008	01/03/2012	01/03/12 16:27	
Selenium	ND	1.0	NA	1	B2A0008	01/03/2012	01/03/12 16:27	
Silver	ND	1.0	NA	1	B2A0008	01/03/2012	01/03/12 16:27	
Thallium	ND	1.0	NA	1	B2A0008	01/03/2012	01/03/12 16:27	
Vanadium	**37**	1.0	NA	1	B2A0008	01/03/2012	01/03/12 16:27	
Zinc	**25**	1.0	NA	1	B2A0008	01/03/2012	01/03/12 16:27	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G15-1.5
Lab ID: 1100837-03

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0008	01/03/2012	01/03/12 16:29	
Arsenic	ND	1.0	NA	1	B2A0008	01/03/2012	01/03/12 16:29	
Barium	**49**	1.0	NA	1	B2A0008	01/03/2012	01/03/12 16:29	
Beryllium	ND	1.0	NA	1	B2A0008	01/03/2012	01/03/12 16:29	
Cadmium	ND	1.0	NA	1	B2A0008	01/03/2012	01/03/12 16:29	
Chromium	**17**	1.0	NA	1	B2A0008	01/03/2012	01/03/12 16:29	
Cobalt	**10**	1.0	NA	1	B2A0008	01/03/2012	01/03/12 16:29	
Copper	**19**	2.0	NA	1	B2A0008	01/03/2012	01/03/12 16:29	
Lead	**11**	1.0	NA	1	B2A0008	01/03/2012	01/03/12 16:29	
Molybdenum	ND	1.0	NA	1	B2A0008	01/03/2012	01/03/12 16:29	
Nickel	**20**	1.0	NA	1	B2A0008	01/03/2012	01/03/12 16:29	
Selenium	ND	1.0	NA	1	B2A0008	01/03/2012	01/03/12 16:29	
Silver	ND	1.0	NA	1	B2A0008	01/03/2012	01/03/12 16:29	
Thallium	ND	1.0	NA	1	B2A0008	01/03/2012	01/03/12 16:29	
Vanadium	**58**	1.0	NA	1	B2A0008	01/03/2012	01/03/12 16:29	
Zinc	**37**	1.0	NA	1	B2A0008	01/03/2012	01/03/12 16:29	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G15-2.5
Lab ID: 1100837-04

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0008	01/03/2012	01/03/12 16:35	
Arsenic	**1.9**	1.0	NA	1	B2A0008	01/03/2012	01/03/12 16:35	
Barium	**42**	1.0	NA	1	B2A0008	01/03/2012	01/03/12 16:35	
Beryllium	ND	1.0	NA	1	B2A0008	01/03/2012	01/03/12 16:35	
Cadmium	ND	1.0	NA	1	B2A0008	01/03/2012	01/03/12 16:35	
Chromium	**29**	1.0	NA	1	B2A0008	01/03/2012	01/03/12 16:35	
Cobalt	**10**	1.0	NA	1	B2A0008	01/03/2012	01/03/12 16:35	
Copper	**19**	2.0	NA	1	B2A0008	01/03/2012	01/03/12 16:35	
Lead	**7.6**	1.0	NA	1	B2A0008	01/03/2012	01/03/12 16:35	
Molybdenum	ND	1.0	NA	1	B2A0008	01/03/2012	01/03/12 16:35	
Nickel	**30**	1.0	NA	1	B2A0008	01/03/2012	01/03/12 16:35	
Selenium	ND	1.0	NA	1	B2A0008	01/03/2012	01/03/12 16:35	
Silver	ND	1.0	NA	1	B2A0008	01/03/2012	01/03/12 16:35	
Thallium	ND	1.0	NA	1	B2A0008	01/03/2012	01/03/12 16:35	
Vanadium	**57**	1.0	NA	1	B2A0008	01/03/2012	01/03/12 16:35	
Zinc	**33**	1.0	NA	1	B2A0008	01/03/2012	01/03/12 16:35	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G16-0

Lab ID: 1100837-05

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0008	01/03/2012	01/03/12 16:36	
Arsenic	ND	1.0	NA	1	B2A0008	01/03/2012	01/03/12 16:36	
Barium	**32**	1.0	NA	1	B2A0008	01/03/2012	01/03/12 16:36	
Beryllium	ND	1.0	NA	1	B2A0008	01/03/2012	01/03/12 16:36	
Cadmium	ND	1.0	NA	1	B2A0008	01/03/2012	01/03/12 16:36	
Chromium	**14**	1.0	NA	1	B2A0008	01/03/2012	01/03/12 16:36	
Cobalt	**13**	1.0	NA	1	B2A0008	01/03/2012	01/03/12 16:36	
Copper	**33**	2.0	NA	1	B2A0008	01/03/2012	01/03/12 16:36	
Lead	**27**	1.0	NA	1	B2A0008	01/03/2012	01/03/12 16:36	
Molybdenum	ND	1.0	NA	1	B2A0008	01/03/2012	01/03/12 16:36	
Nickel	**22**	1.0	NA	1	B2A0008	01/03/2012	01/03/12 16:36	
Selenium	ND	1.0	NA	1	B2A0008	01/03/2012	01/03/12 16:36	
Silver	ND	1.0	NA	1	B2A0008	01/03/2012	01/03/12 16:36	
Thallium	ND	1.0	NA	1	B2A0008	01/03/2012	01/03/12 16:36	
Vanadium	**82**	1.0	NA	1	B2A0008	01/03/2012	01/03/12 16:36	
Zinc	**76**	1.0	NA	1	B2A0008	01/03/2012	01/03/12 16:36	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
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Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G16-0.5
Lab ID: 1100837-06

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0008	01/03/2012	01/03/12 16:38	
Arsenic	**1.6**	1.0	NA	1	B2A0008	01/03/2012	01/03/12 16:38	
Barium	**38**	1.0	NA	1	B2A0008	01/03/2012	01/03/12 16:38	
Beryllium	ND	1.0	NA	1	B2A0008	01/03/2012	01/03/12 16:38	
Cadmium	ND	1.0	NA	1	B2A0008	01/03/2012	01/03/12 16:38	
Chromium	**20**	1.0	NA	1	B2A0008	01/03/2012	01/03/12 16:38	
Cobalt	**11**	1.0	NA	1	B2A0008	01/03/2012	01/03/12 16:38	
Copper	**21**	2.0	NA	1	B2A0008	01/03/2012	01/03/12 16:38	
Lead	**26**	1.0	NA	1	B2A0008	01/03/2012	01/03/12 16:38	
Molybdenum	ND	1.0	NA	1	B2A0008	01/03/2012	01/03/12 16:38	
Nickel	**26**	1.0	NA	1	B2A0008	01/03/2012	01/03/12 16:38	
Selenium	ND	1.0	NA	1	B2A0008	01/03/2012	01/03/12 16:38	
Silver	ND	1.0	NA	1	B2A0008	01/03/2012	01/03/12 16:38	
Thallium	ND	1.0	NA	1	B2A0008	01/03/2012	01/03/12 16:38	
Vanadium	**68**	1.0	NA	1	B2A0008	01/03/2012	01/03/12 16:38	
Zinc	**38**	1.0	NA	1	B2A0008	01/03/2012	01/03/12 16:38	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
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Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G16-1.5
Lab ID: 1100837-07

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0008	01/03/2012	01/03/12 16:39	
Arsenic	**1.8**	1.0	NA	1	B2A0008	01/03/2012	01/03/12 16:39	
Barium	**42**	1.0	NA	1	B2A0008	01/03/2012	01/03/12 16:39	
Beryllium	ND	1.0	NA	1	B2A0008	01/03/2012	01/03/12 16:39	
Cadmium	ND	1.0	NA	1	B2A0008	01/03/2012	01/03/12 16:39	
Chromium	**22**	1.0	NA	1	B2A0008	01/03/2012	01/03/12 16:39	
Cobalt	**11**	1.0	NA	1	B2A0008	01/03/2012	01/03/12 16:39	
Copper	**23**	2.0	NA	1	B2A0008	01/03/2012	01/03/12 16:39	
Lead	**25**	1.0	NA	1	B2A0008	01/03/2012	01/03/12 16:39	
Molybdenum	ND	1.0	NA	1	B2A0008	01/03/2012	01/03/12 16:39	
Nickel	**26**	1.0	NA	1	B2A0008	01/03/2012	01/03/12 16:39	
Selenium	ND	1.0	NA	1	B2A0008	01/03/2012	01/03/12 16:39	
Silver	ND	1.0	NA	1	B2A0008	01/03/2012	01/03/12 16:39	
Thallium	ND	1.0	NA	1	B2A0008	01/03/2012	01/03/12 16:39	
Vanadium	**60**	1.0	NA	1	B2A0008	01/03/2012	01/03/12 16:39	
Zinc	**33**	1.0	NA	1	B2A0008	01/03/2012	01/03/12 16:39	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G16-2.5
Lab ID: 1100837-08

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0008	01/03/2012	01/03/12 16:41	
Arsenic	**2.5**	1.0	NA	1	B2A0008	01/03/2012	01/03/12 16:41	
Barium	**44**	1.0	NA	1	B2A0008	01/03/2012	01/03/12 16:41	
Beryllium	ND	1.0	NA	1	B2A0008	01/03/2012	01/03/12 16:41	
Cadmium	ND	1.0	NA	1	B2A0008	01/03/2012	01/03/12 16:41	
Chromium	**19**	1.0	NA	1	B2A0008	01/03/2012	01/03/12 16:41	
Cobalt	**13**	1.0	NA	1	B2A0008	01/03/2012	01/03/12 16:41	
Copper	**22**	2.0	NA	1	B2A0008	01/03/2012	01/03/12 16:41	
Lead	**1.3**	1.0	NA	1	B2A0008	01/03/2012	01/03/12 16:41	
Molybdenum	ND	1.0	NA	1	B2A0008	01/03/2012	01/03/12 16:41	
Nickel	**24**	1.0	NA	1	B2A0008	01/03/2012	01/03/12 16:41	
Selenium	ND	1.0	NA	1	B2A0008	01/03/2012	01/03/12 16:41	
Silver	ND	1.0	NA	1	B2A0008	01/03/2012	01/03/12 16:41	
Thallium	ND	1.0	NA	1	B2A0008	01/03/2012	01/03/12 16:41	
Vanadium	**66**	1.0	NA	1	B2A0008	01/03/2012	01/03/12 16:41	
Zinc	**31**	1.0	NA	1	B2A0008	01/03/2012	01/03/12 16:41	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G17-0
Lab ID: 1100837-09

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0008	01/03/2012	01/03/12 16:42	
Arsenic	ND	1.0	NA	1	B2A0008	01/03/2012	01/03/12 16:42	
Barium	**23**	1.0	NA	1	B2A0008	01/03/2012	01/03/12 16:42	
Beryllium	ND	1.0	NA	1	B2A0008	01/03/2012	01/03/12 16:42	
Cadmium	ND	1.0	NA	1	B2A0008	01/03/2012	01/03/12 16:42	
Chromium	**14**	1.0	NA	1	B2A0008	01/03/2012	01/03/12 16:42	
Cobalt	**14**	1.0	NA	1	B2A0008	01/03/2012	01/03/12 16:42	
Copper	**29**	2.0	NA	1	B2A0008	01/03/2012	01/03/12 16:42	
Lead	**14**	1.0	NA	1	B2A0008	01/03/2012	01/03/12 16:42	
Molybdenum	ND	1.0	NA	1	B2A0008	01/03/2012	01/03/12 16:42	
Nickel	**26**	1.0	NA	1	B2A0008	01/03/2012	01/03/12 16:42	
Selenium	ND	1.0	NA	1	B2A0008	01/03/2012	01/03/12 16:42	
Silver	ND	1.0	NA	1	B2A0008	01/03/2012	01/03/12 16:42	
Thallium	ND	1.0	NA	1	B2A0008	01/03/2012	01/03/12 16:42	
Vanadium	**97**	1.0	NA	1	B2A0008	01/03/2012	01/03/12 16:42	
Zinc	**44**	1.0	NA	1	B2A0008	01/03/2012	01/03/12 16:42	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G17-0.5
Lab ID: 1100837-10

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0008	01/03/2012	01/03/12 16:44	
Arsenic	ND	1.0	NA	1	B2A0008	01/03/2012	01/03/12 16:44	
Barium	**40**	1.0	NA	1	B2A0008	01/03/2012	01/03/12 16:44	
Beryllium	ND	1.0	NA	1	B2A0008	01/03/2012	01/03/12 16:44	
Cadmium	ND	1.0	NA	1	B2A0008	01/03/2012	01/03/12 16:44	
Chromium	**14**	1.0	NA	1	B2A0008	01/03/2012	01/03/12 16:44	
Cobalt	**15**	1.0	NA	1	B2A0008	01/03/2012	01/03/12 16:44	
Copper	**34**	2.0	NA	1	B2A0008	01/03/2012	01/03/12 16:44	
Lead	ND	1.0	NA	1	B2A0008	01/03/2012	01/03/12 16:44	
Molybdenum	ND	1.0	NA	1	B2A0008	01/03/2012	01/03/12 16:44	
Nickel	**14**	1.0	NA	1	B2A0008	01/03/2012	01/03/12 16:44	
Selenium	ND	1.0	NA	1	B2A0008	01/03/2012	01/03/12 16:44	
Silver	ND	1.0	NA	1	B2A0008	01/03/2012	01/03/12 16:44	
Thallium	ND	1.0	NA	1	B2A0008	01/03/2012	01/03/12 16:44	
Vanadium	**100**	1.0	NA	1	B2A0008	01/03/2012	01/03/12 16:44	
Zinc	**42**	1.0	NA	1	B2A0008	01/03/2012	01/03/12 16:44	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G17-1.5
Lab ID: 1100837-11

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0009	01/03/2012	01/03/12 16:59	
Arsenic	**1.5**	1.0	NA	1	B2A0009	01/03/2012	01/03/12 16:59	
Barium	**37**	1.0	NA	1	B2A0009	01/03/2012	01/03/12 16:59	
Beryllium	ND	1.0	NA	1	B2A0009	01/03/2012	01/03/12 16:59	
Cadmium	ND	1.0	NA	1	B2A0009	01/03/2012	01/03/12 16:59	
Chromium	**26**	1.0	NA	1	B2A0009	01/03/2012	01/03/12 16:59	
Cobalt	**7.3**	1.0	NA	1	B2A0009	01/03/2012	01/03/12 16:59	
Copper	**11**	2.0	NA	1	B2A0009	01/03/2012	01/03/12 16:59	
Lead	**1.4**	1.0	NA	1	B2A0009	01/03/2012	01/03/12 16:59	
Molybdenum	ND	1.0	NA	1	B2A0009	01/03/2012	01/03/12 16:59	
Nickel	**30**	1.0	NA	1	B2A0009	01/03/2012	01/03/12 16:59	
Selenium	ND	1.0	NA	1	B2A0009	01/03/2012	01/03/12 16:59	
Silver	ND	1.0	NA	1	B2A0009	01/03/2012	01/03/12 16:59	
Thallium	ND	1.0	NA	1	B2A0009	01/03/2012	01/03/12 16:59	
Vanadium	**35**	1.0	NA	1	B2A0009	01/03/2012	01/03/12 16:59	
Zinc	**21**	1.0	NA	1	B2A0009	01/03/2012	01/03/12 16:59	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G17-2.5
Lab ID: 1100837-12

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0009	01/03/2012	01/03/12 17:01	
Arsenic	ND	1.0	NA	1	B2A0009	01/03/2012	01/03/12 17:01	
Barium	**43**	1.0	NA	1	B2A0009	01/03/2012	01/03/12 17:01	
Beryllium	ND	1.0	NA	1	B2A0009	01/03/2012	01/03/12 17:01	
Cadmium	ND	1.0	NA	1	B2A0009	01/03/2012	01/03/12 17:01	
Chromium	**21**	1.0	NA	1	B2A0009	01/03/2012	01/03/12 17:01	
Cobalt	**10**	1.0	NA	1	B2A0009	01/03/2012	01/03/12 17:01	
Copper	**14**	2.0	NA	1	B2A0009	01/03/2012	01/03/12 17:01	
Lead	**1.1**	1.0	NA	1	B2A0009	01/03/2012	01/03/12 17:01	
Molybdenum	ND	1.0	NA	1	B2A0009	01/03/2012	01/03/12 17:01	
Nickel	**27**	1.0	NA	1	B2A0009	01/03/2012	01/03/12 17:01	
Selenium	ND	1.0	NA	1	B2A0009	01/03/2012	01/03/12 17:01	
Silver	ND	1.0	NA	1	B2A0009	01/03/2012	01/03/12 17:01	
Thallium	ND	1.0	NA	1	B2A0009	01/03/2012	01/03/12 17:01	
Vanadium	**55**	1.0	NA	1	B2A0009	01/03/2012	01/03/12 17:01	
Zinc	**28**	1.0	NA	1	B2A0009	01/03/2012	01/03/12 17:01	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
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Client Sample ID G18-0

Lab ID: 1100837-13

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0009	01/03/2012	01/03/12 17:03	
Arsenic	**1.6**	1.0	NA	1	B2A0009	01/03/2012	01/03/12 17:03	
Barium	**40**	1.0	NA	1	B2A0009	01/03/2012	01/03/12 17:03	
Beryllium	ND	1.0	NA	1	B2A0009	01/03/2012	01/03/12 17:03	
Cadmium	ND	1.0	NA	1	B2A0009	01/03/2012	01/03/12 17:03	
Chromium	**18**	1.0	NA	1	B2A0009	01/03/2012	01/03/12 17:03	
Cobalt	**13**	1.0	NA	1	B2A0009	01/03/2012	01/03/12 17:03	
Copper	**28**	2.0	NA	1	B2A0009	01/03/2012	01/03/12 17:03	
Lead	**36**	1.0	NA	1	B2A0009	01/03/2012	01/03/12 17:03	
Molybdenum	ND	1.0	NA	1	B2A0009	01/03/2012	01/03/12 17:03	
Nickel	**22**	1.0	NA	1	B2A0009	01/03/2012	01/03/12 17:03	
Selenium	ND	1.0	NA	1	B2A0009	01/03/2012	01/03/12 17:03	
Silver	ND	1.0	NA	1	B2A0009	01/03/2012	01/03/12 17:03	
Thallium	ND	1.0	NA	1	B2A0009	01/03/2012	01/03/12 17:03	
Vanadium	**79**	1.0	NA	1	B2A0009	01/03/2012	01/03/12 17:03	
Zinc	**54**	1.0	NA	1	B2A0009	01/03/2012	01/03/12 17:03	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G18-0.5
Lab ID: 1100837-14

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0009	01/03/2012	01/03/12 17:04	
Arsenic	**1.7**	1.0	NA	1	B2A0009	01/03/2012	01/03/12 17:04	
Barium	**46**	1.0	NA	1	B2A0009	01/03/2012	01/03/12 17:04	
Beryllium	ND	1.0	NA	1	B2A0009	01/03/2012	01/03/12 17:04	
Cadmium	ND	1.0	NA	1	B2A0009	01/03/2012	01/03/12 17:04	
Chromium	**23**	1.0	NA	1	B2A0009	01/03/2012	01/03/12 17:04	
Cobalt	**9.1**	1.0	NA	1	B2A0009	01/03/2012	01/03/12 17:04	
Copper	**17**	2.0	NA	1	B2A0009	01/03/2012	01/03/12 17:04	
Lead	**1.8**	1.0	NA	1	B2A0009	01/03/2012	01/03/12 17:04	
Molybdenum	ND	1.0	NA	1	B2A0009	01/03/2012	01/03/12 17:04	
Nickel	**25**	1.0	NA	1	B2A0009	01/03/2012	01/03/12 17:04	
Selenium	ND	1.0	NA	1	B2A0009	01/03/2012	01/03/12 17:04	
Silver	ND	1.0	NA	1	B2A0009	01/03/2012	01/03/12 17:04	
Thallium	ND	1.0	NA	1	B2A0009	01/03/2012	01/03/12 17:04	
Vanadium	**44**	1.0	NA	1	B2A0009	01/03/2012	01/03/12 17:04	
Zinc	**25**	1.0	NA	1	B2A0009	01/03/2012	01/03/12 17:04	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G18-1.5
Lab ID: 1100837-15

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0009	01/03/2012	01/03/12 17:06	
Arsenic	**2.0**	1.0	NA	1	B2A0009	01/03/2012	01/03/12 17:06	
Barium	**45**	1.0	NA	1	B2A0009	01/03/2012	01/03/12 17:06	
Beryllium	ND	1.0	NA	1	B2A0009	01/03/2012	01/03/12 17:06	
Cadmium	ND	1.0	NA	1	B2A0009	01/03/2012	01/03/12 17:06	
Chromium	**23**	1.0	NA	1	B2A0009	01/03/2012	01/03/12 17:06	
Cobalt	**11**	1.0	NA	1	B2A0009	01/03/2012	01/03/12 17:06	
Copper	**18**	2.0	NA	1	B2A0009	01/03/2012	01/03/12 17:06	
Lead	**15**	1.0	NA	1	B2A0009	01/03/2012	01/03/12 17:06	
Molybdenum	ND	1.0	NA	1	B2A0009	01/03/2012	01/03/12 17:06	
Nickel	**24**	1.0	NA	1	B2A0009	01/03/2012	01/03/12 17:06	
Selenium	ND	1.0	NA	1	B2A0009	01/03/2012	01/03/12 17:06	
Silver	ND	1.0	NA	1	B2A0009	01/03/2012	01/03/12 17:06	
Thallium	ND	1.0	NA	1	B2A0009	01/03/2012	01/03/12 17:06	
Vanadium	**67**	1.0	NA	1	B2A0009	01/03/2012	01/03/12 17:06	
Zinc	**32**	1.0	NA	1	B2A0009	01/03/2012	01/03/12 17:06	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G18-2.5
Lab ID: 1100837-16

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0009	01/03/2012	01/03/12 17:08	
Arsenic	**2.6**	1.0	NA	1	B2A0009	01/03/2012	01/03/12 17:08	
Barium	**48**	1.0	NA	1	B2A0009	01/03/2012	01/03/12 17:08	
Beryllium	ND	1.0	NA	1	B2A0009	01/03/2012	01/03/12 17:08	
Cadmium	ND	1.0	NA	1	B2A0009	01/03/2012	01/03/12 17:08	
Chromium	**17**	1.0	NA	1	B2A0009	01/03/2012	01/03/12 17:08	
Cobalt	**14**	1.0	NA	1	B2A0009	01/03/2012	01/03/12 17:08	
Copper	**20**	2.0	NA	1	B2A0009	01/03/2012	01/03/12 17:08	
Lead	**1.7**	1.0	NA	1	B2A0009	01/03/2012	01/03/12 17:08	
Molybdenum	ND	1.0	NA	1	B2A0009	01/03/2012	01/03/12 17:08	
Nickel	**19**	1.0	NA	1	B2A0009	01/03/2012	01/03/12 17:08	
Selenium	ND	1.0	NA	1	B2A0009	01/03/2012	01/03/12 17:08	
Silver	ND	1.0	NA	1	B2A0009	01/03/2012	01/03/12 17:08	
Thallium	ND	1.0	NA	1	B2A0009	01/03/2012	01/03/12 17:08	
Vanadium	**72**	1.0	NA	1	B2A0009	01/03/2012	01/03/12 17:08	
Zinc	**34**	1.0	NA	1	B2A0009	01/03/2012	01/03/12 17:08	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G19-0

Lab ID: 1100837-17

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0009	01/03/2012	01/03/12 17:09	
Arsenic	ND	1.0	NA	1	B2A0009	01/03/2012	01/03/12 17:09	
Barium	**25**	1.0	NA	1	B2A0009	01/03/2012	01/03/12 17:09	
Beryllium	ND	1.0	NA	1	B2A0009	01/03/2012	01/03/12 17:09	
Cadmium	ND	1.0	NA	1	B2A0009	01/03/2012	01/03/12 17:09	
Chromium	**12**	1.0	NA	1	B2A0009	01/03/2012	01/03/12 17:09	
Cobalt	**14**	1.0	NA	1	B2A0009	01/03/2012	01/03/12 17:09	
Copper	**29**	2.0	NA	1	B2A0009	01/03/2012	01/03/12 17:09	
Lead	**36**	1.0	NA	1	B2A0009	01/03/2012	01/03/12 17:09	
Molybdenum	ND	1.0	NA	1	B2A0009	01/03/2012	01/03/12 17:09	
Nickel	**22**	1.0	NA	1	B2A0009	01/03/2012	01/03/12 17:09	
Selenium	ND	1.0	NA	1	B2A0009	01/03/2012	01/03/12 17:09	
Silver	ND	1.0	NA	1	B2A0009	01/03/2012	01/03/12 17:09	
Thallium	ND	1.0	NA	1	B2A0009	01/03/2012	01/03/12 17:09	
Vanadium	**81**	1.0	NA	1	B2A0009	01/03/2012	01/03/12 17:09	
Zinc	**43**	1.0	NA	1	B2A0009	01/03/2012	01/03/12 17:09	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G19-0.5
Lab ID: 1100837-18

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0009	01/03/2012	01/03/12 17:11	
Arsenic	ND	1.0	NA	1	B2A0009	01/03/2012	01/03/12 17:11	
Barium	**48**	1.0	NA	1	B2A0009	01/03/2012	01/03/12 17:11	
Beryllium	ND	1.0	NA	1	B2A0009	01/03/2012	01/03/12 17:11	
Cadmium	ND	1.0	NA	1	B2A0009	01/03/2012	01/03/12 17:11	
Chromium	**12**	1.0	NA	1	B2A0009	01/03/2012	01/03/12 17:11	
Cobalt	**17**	1.0	NA	1	B2A0009	01/03/2012	01/03/12 17:11	
Copper	**30**	2.0	NA	1	B2A0009	01/03/2012	01/03/12 17:11	
Lead	ND	1.0	NA	1	B2A0009	01/03/2012	01/03/12 17:11	
Molybdenum	ND	1.0	NA	1	B2A0009	01/03/2012	01/03/12 17:11	
Nickel	**14**	1.0	NA	1	B2A0009	01/03/2012	01/03/12 17:11	
Selenium	ND	1.0	NA	1	B2A0009	01/03/2012	01/03/12 17:11	
Silver	ND	1.0	NA	1	B2A0009	01/03/2012	01/03/12 17:11	
Thallium	ND	1.0	NA	1	B2A0009	01/03/2012	01/03/12 17:11	
Vanadium	**88**	1.0	NA	1	B2A0009	01/03/2012	01/03/12 17:11	
Zinc	**38**	1.0	NA	1	B2A0009	01/03/2012	01/03/12 17:11	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G19-1.5
Lab ID: 1100837-19

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0009	01/03/2012	01/03/12 17:17	
Arsenic	ND	1.0	NA	1	B2A0009	01/03/2012	01/03/12 17:17	
Barium	**38**	1.0	NA	1	B2A0009	01/03/2012	01/03/12 17:17	
Beryllium	ND	1.0	NA	1	B2A0009	01/03/2012	01/03/12 17:17	
Cadmium	ND	1.0	NA	1	B2A0009	01/03/2012	01/03/12 17:17	
Chromium	**44**	1.0	NA	1	B2A0009	01/03/2012	01/03/12 17:17	
Cobalt	**11**	1.0	NA	1	B2A0009	01/03/2012	01/03/12 17:17	
Copper	**16**	2.0	NA	1	B2A0009	01/03/2012	01/03/12 17:17	
Lead	ND	1.0	NA	1	B2A0009	01/03/2012	01/03/12 17:17	
Molybdenum	ND	1.0	NA	1	B2A0009	01/03/2012	01/03/12 17:17	
Nickel	**32**	1.0	NA	1	B2A0009	01/03/2012	01/03/12 17:17	
Selenium	ND	1.0	NA	1	B2A0009	01/03/2012	01/03/12 17:17	
Silver	ND	1.0	NA	1	B2A0009	01/03/2012	01/03/12 17:17	
Thallium	ND	1.0	NA	1	B2A0009	01/03/2012	01/03/12 17:17	
Vanadium	**58**	1.0	NA	1	B2A0009	01/03/2012	01/03/12 17:17	
Zinc	**27**	1.0	NA	1	B2A0009	01/03/2012	01/03/12 17:17	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G19-2.5
Lab ID: 1100837-20

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0009	01/03/2012	01/03/12 17:18	
Arsenic	**2.3**	1.0	NA	1	B2A0009	01/03/2012	01/03/12 17:18	
Barium	**47**	1.0	NA	1	B2A0009	01/03/2012	01/03/12 17:18	
Beryllium	ND	1.0	NA	1	B2A0009	01/03/2012	01/03/12 17:18	
Cadmium	ND	1.0	NA	1	B2A0009	01/03/2012	01/03/12 17:18	
Chromium	**21**	1.0	NA	1	B2A0009	01/03/2012	01/03/12 17:18	
Cobalt	**12**	1.0	NA	1	B2A0009	01/03/2012	01/03/12 17:18	
Copper	**18**	2.0	NA	1	B2A0009	01/03/2012	01/03/12 17:18	
Lead	**1.4**	1.0	NA	1	B2A0009	01/03/2012	01/03/12 17:18	
Molybdenum	ND	1.0	NA	1	B2A0009	01/03/2012	01/03/12 17:18	
Nickel	**26**	1.0	NA	1	B2A0009	01/03/2012	01/03/12 17:18	
Selenium	ND	1.0	NA	1	B2A0009	01/03/2012	01/03/12 17:18	
Silver	ND	1.0	NA	1	B2A0009	01/03/2012	01/03/12 17:18	
Thallium	ND	1.0	NA	1	B2A0009	01/03/2012	01/03/12 17:18	
Vanadium	**56**	1.0	NA	1	B2A0009	01/03/2012	01/03/12 17:18	
Zinc	**30**	1.0	NA	1	B2A0009	01/03/2012	01/03/12 17:18	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G20-0

Lab ID: 1100837-21

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0010	01/03/2012	01/03/12 17:28	
Arsenic	**2.1**	1.0	NA	1	B2A0010	01/03/2012	01/03/12 17:28	
Barium	**46**	1.0	NA	1	B2A0010	01/03/2012	01/03/12 17:28	
Beryllium	ND	1.0	NA	1	B2A0010	01/03/2012	01/03/12 17:28	
Cadmium	ND	1.0	NA	1	B2A0010	01/03/2012	01/03/12 17:28	
Chromium	**17**	1.0	NA	1	B2A0010	01/03/2012	01/03/12 17:28	
Cobalt	**12**	1.0	NA	1	B2A0010	01/03/2012	01/03/12 17:28	
Copper	**34**	2.0	NA	1	B2A0010	01/03/2012	01/03/12 17:28	
Lead	**25**	1.0	NA	1	B2A0010	01/03/2012	01/03/12 17:28	
Molybdenum	ND	1.0	NA	1	B2A0010	01/03/2012	01/03/12 17:28	
Nickel	**22**	1.0	NA	1	B2A0010	01/03/2012	01/03/12 17:28	
Selenium	ND	1.0	NA	1	B2A0010	01/03/2012	01/03/12 17:28	
Silver	ND	1.0	NA	1	B2A0010	01/03/2012	01/03/12 17:28	
Thallium	ND	1.0	NA	1	B2A0010	01/03/2012	01/03/12 17:28	
Vanadium	**70**	1.0	NA	1	B2A0010	01/03/2012	01/03/12 17:28	
Zinc	**100**	1.0	NA	1	B2A0010	01/03/2012	01/03/12 17:28	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G20-0.5
Lab ID: 1100837-22

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0010	01/03/2012	01/03/12 17:30	
Arsenic	**1.3**	1.0	NA	1	B2A0010	01/03/2012	01/03/12 17:30	
Barium	**48**	1.0	NA	1	B2A0010	01/03/2012	01/03/12 17:30	
Beryllium	ND	1.0	NA	1	B2A0010	01/03/2012	01/03/12 17:30	
Cadmium	ND	1.0	NA	1	B2A0010	01/03/2012	01/03/12 17:30	
Chromium	**21**	1.0	NA	1	B2A0010	01/03/2012	01/03/12 17:30	
Cobalt	**8.7**	1.0	NA	1	B2A0010	01/03/2012	01/03/12 17:30	
Copper	**13**	2.0	NA	1	B2A0010	01/03/2012	01/03/12 17:30	
Lead	**5.3**	1.0	NA	1	B2A0010	01/03/2012	01/03/12 17:30	
Molybdenum	ND	1.0	NA	1	B2A0010	01/03/2012	01/03/12 17:30	
Nickel	**28**	1.0	NA	1	B2A0010	01/03/2012	01/03/12 17:30	
Selenium	ND	1.0	NA	1	B2A0010	01/03/2012	01/03/12 17:30	
Silver	ND	1.0	NA	1	B2A0010	01/03/2012	01/03/12 17:30	
Thallium	ND	1.0	NA	1	B2A0010	01/03/2012	01/03/12 17:30	
Vanadium	**49**	1.0	NA	1	B2A0010	01/03/2012	01/03/12 17:30	
Zinc	**27**	1.0	NA	1	B2A0010	01/03/2012	01/03/12 17:30	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G20-1.5
Lab ID: 1100837-23

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0010	01/03/2012	01/03/12 17:31	
Arsenic	**1.7**	1.0	NA	1	B2A0010	01/03/2012	01/03/12 17:31	
Barium	**47**	1.0	NA	1	B2A0010	01/03/2012	01/03/12 17:31	
Beryllium	ND	1.0	NA	1	B2A0010	01/03/2012	01/03/12 17:31	
Cadmium	ND	1.0	NA	1	B2A0010	01/03/2012	01/03/12 17:31	
Chromium	**19**	1.0	NA	1	B2A0010	01/03/2012	01/03/12 17:31	
Cobalt	**12**	1.0	NA	1	B2A0010	01/03/2012	01/03/12 17:31	
Copper	**21**	2.0	NA	1	B2A0010	01/03/2012	01/03/12 17:31	
Lead	**25**	1.0	NA	1	B2A0010	01/03/2012	01/03/12 17:31	
Molybdenum	ND	1.0	NA	1	B2A0010	01/03/2012	01/03/12 17:31	
Nickel	**24**	1.0	NA	1	B2A0010	01/03/2012	01/03/12 17:31	
Selenium	ND	1.0	NA	1	B2A0010	01/03/2012	01/03/12 17:31	
Silver	ND	1.0	NA	1	B2A0010	01/03/2012	01/03/12 17:31	
Thallium	ND	1.0	NA	1	B2A0010	01/03/2012	01/03/12 17:31	
Vanadium	**65**	1.0	NA	1	B2A0010	01/03/2012	01/03/12 17:31	
Zinc	**37**	1.0	NA	1	B2A0010	01/03/2012	01/03/12 17:31	

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Client Sample ID G20-2.5
Lab ID: 1100837-24

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0010	01/03/2012	01/03/12 17:37	
Arsenic	**1.7**	1.0	NA	1	B2A0010	01/03/2012	01/03/12 17:37	
Barium	**42**	1.0	NA	1	B2A0010	01/03/2012	01/03/12 17:37	
Beryllium	ND	1.0	NA	1	B2A0010	01/03/2012	01/03/12 17:37	
Cadmium	ND	1.0	NA	1	B2A0010	01/03/2012	01/03/12 17:37	
Chromium	**27**	1.0	NA	1	B2A0010	01/03/2012	01/03/12 17:37	
Cobalt	**11**	1.0	NA	1	B2A0010	01/03/2012	01/03/12 17:37	
Copper	**18**	2.0	NA	1	B2A0010	01/03/2012	01/03/12 17:37	
Lead	**29**	1.0	NA	1	B2A0010	01/03/2012	01/03/12 17:37	
Molybdenum	ND	1.0	NA	1	B2A0010	01/03/2012	01/03/12 17:37	
Nickel	**29**	1.0	NA	1	B2A0010	01/03/2012	01/03/12 17:37	
Selenium	ND	1.0	NA	1	B2A0010	01/03/2012	01/03/12 17:37	
Silver	ND	1.0	NA	1	B2A0010	01/03/2012	01/03/12 17:37	
Thallium	ND	1.0	NA	1	B2A0010	01/03/2012	01/03/12 17:37	
Vanadium	**55**	1.0	NA	1	B2A0010	01/03/2012	01/03/12 17:37	
Zinc	**30**	1.0	NA	1	B2A0010	01/03/2012	01/03/12 17:37	

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Client Sample ID G21-0

Lab ID: 1100837-25

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0010	01/03/2012	01/03/12 17:39	
Arsenic	**1.7**	1.0	NA	1	B2A0010	01/03/2012	01/03/12 17:39	
Barium	**36**	1.0	NA	1	B2A0010	01/03/2012	01/03/12 17:39	
Beryllium	ND	1.0	NA	1	B2A0010	01/03/2012	01/03/12 17:39	
Cadmium	ND	1.0	NA	1	B2A0010	01/03/2012	01/03/12 17:39	
Chromium	**16**	1.0	NA	1	B2A0010	01/03/2012	01/03/12 17:39	
Cobalt	**11**	1.0	NA	1	B2A0010	01/03/2012	01/03/12 17:39	
Copper	**25**	2.0	NA	1	B2A0010	01/03/2012	01/03/12 17:39	
Lead	**13**	1.0	NA	1	B2A0010	01/03/2012	01/03/12 17:39	
Molybdenum	ND	1.0	NA	1	B2A0010	01/03/2012	01/03/12 17:39	
Nickel	**22**	1.0	NA	1	B2A0010	01/03/2012	01/03/12 17:39	
Selenium	ND	1.0	NA	1	B2A0010	01/03/2012	01/03/12 17:39	
Silver	ND	1.0	NA	1	B2A0010	01/03/2012	01/03/12 17:39	
Thallium	ND	1.0	NA	1	B2A0010	01/03/2012	01/03/12 17:39	
Vanadium	**67**	1.0	NA	1	B2A0010	01/03/2012	01/03/12 17:39	
Zinc	**39**	1.0	NA	1	B2A0010	01/03/2012	01/03/12 17:39	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
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Client Sample ID G21-0.5
Lab ID: 1100837-26

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0010	01/03/2012	01/03/12 17:40	
Arsenic	ND	1.0	NA	1	B2A0010	01/03/2012	01/03/12 17:40	
Barium	**71**	1.0	NA	1	B2A0010	01/03/2012	01/03/12 17:40	
Beryllium	ND	1.0	NA	1	B2A0010	01/03/2012	01/03/12 17:40	
Cadmium	ND	1.0	NA	1	B2A0010	01/03/2012	01/03/12 17:40	
Chromium	**12**	1.0	NA	1	B2A0010	01/03/2012	01/03/12 17:40	
Cobalt	**17**	1.0	NA	1	B2A0010	01/03/2012	01/03/12 17:40	
Copper	**35**	2.0	NA	1	B2A0010	01/03/2012	01/03/12 17:40	
Lead	ND	1.0	NA	1	B2A0010	01/03/2012	01/03/12 17:40	
Molybdenum	ND	1.0	NA	1	B2A0010	01/03/2012	01/03/12 17:40	
Nickel	**18**	1.0	NA	1	B2A0010	01/03/2012	01/03/12 17:40	
Selenium	ND	1.0	NA	1	B2A0010	01/03/2012	01/03/12 17:40	
Silver	ND	1.0	NA	1	B2A0010	01/03/2012	01/03/12 17:40	
Thallium	ND	1.0	NA	1	B2A0010	01/03/2012	01/03/12 17:40	
Vanadium	**100**	1.0	NA	1	B2A0010	01/03/2012	01/03/12 17:40	
Zinc	**47**	1.0	NA	1	B2A0010	01/03/2012	01/03/12 17:40	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
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Client Sample ID G21-1.5
Lab ID: 1100837-27

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0010	01/03/2012	01/03/12 17:42	
Arsenic	**1.6**	1.0	NA	1	B2A0010	01/03/2012	01/03/12 17:42	
Barium	**45**	1.0	NA	1	B2A0010	01/03/2012	01/03/12 17:42	
Beryllium	ND	1.0	NA	1	B2A0010	01/03/2012	01/03/12 17:42	
Cadmium	ND	1.0	NA	1	B2A0010	01/03/2012	01/03/12 17:42	
Chromium	**25**	1.0	NA	1	B2A0010	01/03/2012	01/03/12 17:42	
Cobalt	**7.2**	1.0	NA	1	B2A0010	01/03/2012	01/03/12 17:42	
Copper	**9.0**	2.0	NA	1	B2A0010	01/03/2012	01/03/12 17:42	
Lead	**1.5**	1.0	NA	1	B2A0010	01/03/2012	01/03/12 17:42	
Molybdenum	ND	1.0	NA	1	B2A0010	01/03/2012	01/03/12 17:42	
Nickel	**30**	1.0	NA	1	B2A0010	01/03/2012	01/03/12 17:42	
Selenium	ND	1.0	NA	1	B2A0010	01/03/2012	01/03/12 17:42	
Silver	ND	1.0	NA	1	B2A0010	01/03/2012	01/03/12 17:42	
Thallium	ND	1.0	NA	1	B2A0010	01/03/2012	01/03/12 17:42	
Vanadium	**28**	1.0	NA	1	B2A0010	01/03/2012	01/03/12 17:42	
Zinc	**19**	1.0	NA	1	B2A0010	01/03/2012	01/03/12 17:42	

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Client Sample ID G21-2.5
Lab ID: 1100837-28

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0010	01/03/2012	01/03/12 17:44	
Arsenic	**1.9**	1.0	NA	1	B2A0010	01/03/2012	01/03/12 17:44	
Barium	**53**	1.0	NA	1	B2A0010	01/03/2012	01/03/12 17:44	
Beryllium	ND	1.0	NA	1	B2A0010	01/03/2012	01/03/12 17:44	
Cadmium	ND	1.0	NA	1	B2A0010	01/03/2012	01/03/12 17:44	
Chromium	**28**	1.0	NA	1	B2A0010	01/03/2012	01/03/12 17:44	
Cobalt	**6.3**	1.0	NA	1	B2A0010	01/03/2012	01/03/12 17:44	
Copper	**8.5**	2.0	NA	1	B2A0010	01/03/2012	01/03/12 17:44	
Lead	**1.8**	1.0	NA	1	B2A0010	01/03/2012	01/03/12 17:44	
Molybdenum	ND	1.0	NA	1	B2A0010	01/03/2012	01/03/12 17:44	
Nickel	**31**	1.0	NA	1	B2A0010	01/03/2012	01/03/12 17:44	
Selenium	ND	1.0	NA	1	B2A0010	01/03/2012	01/03/12 17:44	
Silver	ND	1.0	NA	1	B2A0010	01/03/2012	01/03/12 17:44	
Thallium	ND	1.0	NA	1	B2A0010	01/03/2012	01/03/12 17:44	
Vanadium	**27**	1.0	NA	1	B2A0010	01/03/2012	01/03/12 17:44	
Zinc	**18**	1.0	NA	1	B2A0010	01/03/2012	01/03/12 17:44	

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Client Sample ID G22-0

Lab ID: 1100837-29

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0010	01/03/2012	01/03/12 17:46	
Arsenic	**2.0**	1.0	NA	1	B2A0010	01/03/2012	01/03/12 17:46	
Barium	**47**	1.0	NA	1	B2A0010	01/03/2012	01/03/12 17:46	
Beryllium	ND	1.0	NA	1	B2A0010	01/03/2012	01/03/12 17:46	
Cadmium	ND	1.0	NA	1	B2A0010	01/03/2012	01/03/12 17:46	
Chromium	**19**	1.0	NA	1	B2A0010	01/03/2012	01/03/12 17:46	
Cobalt	**11**	1.0	NA	1	B2A0010	01/03/2012	01/03/12 17:46	
Copper	**17**	2.0	NA	1	B2A0010	01/03/2012	01/03/12 17:46	
Lead	**4.4**	1.0	NA	1	B2A0010	01/03/2012	01/03/12 17:46	
Molybdenum	ND	1.0	NA	1	B2A0010	01/03/2012	01/03/12 17:46	
Nickel	**25**	1.0	NA	1	B2A0010	01/03/2012	01/03/12 17:46	
Selenium	ND	1.0	NA	1	B2A0010	01/03/2012	01/03/12 17:46	
Silver	ND	1.0	NA	1	B2A0010	01/03/2012	01/03/12 17:46	
Thallium	ND	1.0	NA	1	B2A0010	01/03/2012	01/03/12 17:46	
Vanadium	**49**	1.0	NA	1	B2A0010	01/03/2012	01/03/12 17:46	
Zinc	**28**	1.0	NA	1	B2A0010	01/03/2012	01/03/12 17:46	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G22-0.5
Lab ID: 1100837-30

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0010	01/03/2012	01/03/12 17:47	
Arsenic	**1.2**	1.0	NA	1	B2A0010	01/03/2012	01/03/12 17:47	
Barium	**43**	1.0	NA	1	B2A0010	01/03/2012	01/03/12 17:47	
Beryllium	ND	1.0	NA	1	B2A0010	01/03/2012	01/03/12 17:47	
Cadmium	ND	1.0	NA	1	B2A0010	01/03/2012	01/03/12 17:47	
Chromium	**23**	1.0	NA	1	B2A0010	01/03/2012	01/03/12 17:47	
Cobalt	**11**	1.0	NA	1	B2A0010	01/03/2012	01/03/12 17:47	
Copper	**18**	2.0	NA	1	B2A0010	01/03/2012	01/03/12 17:47	
Lead	**8.7**	1.0	NA	1	B2A0010	01/03/2012	01/03/12 17:47	
Molybdenum	ND	1.0	NA	1	B2A0010	01/03/2012	01/03/12 17:47	
Nickel	**28**	1.0	NA	1	B2A0010	01/03/2012	01/03/12 17:47	
Selenium	ND	1.0	NA	1	B2A0010	01/03/2012	01/03/12 17:47	
Silver	ND	1.0	NA	1	B2A0010	01/03/2012	01/03/12 17:47	
Thallium	ND	1.0	NA	1	B2A0010	01/03/2012	01/03/12 17:47	
Vanadium	**62**	1.0	NA	1	B2A0010	01/03/2012	01/03/12 17:47	
Zinc	**32**	1.0	NA	1	B2A0010	01/03/2012	01/03/12 17:47	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G22-1.5
Lab ID: 1100837-31

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0011	01/03/2012	01/03/12 18:02	
Arsenic	**1.4**	1.0	NA	1	B2A0011	01/03/2012	01/03/12 18:02	
Barium	**45**	1.0	NA	1	B2A0011	01/03/2012	01/03/12 18:02	
Beryllium	ND	1.0	NA	1	B2A0011	01/03/2012	01/03/12 18:02	
Cadmium	ND	1.0	NA	1	B2A0011	01/03/2012	01/03/12 18:02	
Chromium	**21**	1.0	NA	1	B2A0011	01/03/2012	01/03/12 18:02	
Cobalt	**6.7**	1.0	NA	1	B2A0011	01/03/2012	01/03/12 18:02	
Copper	**11**	2.0	NA	1	B2A0011	01/03/2012	01/03/12 18:02	
Lead	**2.5**	1.0	NA	1	B2A0011	01/03/2012	01/03/12 18:02	
Molybdenum	ND	1.0	NA	1	B2A0011	01/03/2012	01/03/12 18:02	
Nickel	**25**	1.0	NA	1	B2A0011	01/03/2012	01/03/12 18:02	
Selenium	ND	1.0	NA	1	B2A0011	01/03/2012	01/03/12 18:02	
Silver	ND	1.0	NA	1	B2A0011	01/03/2012	01/03/12 18:02	
Thallium	ND	1.0	NA	1	B2A0011	01/03/2012	01/03/12 18:02	
Vanadium	**31**	1.0	NA	1	B2A0011	01/03/2012	01/03/12 18:02	
Zinc	**20**	1.0	NA	1	B2A0011	01/03/2012	01/03/12 18:02	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G22-2.5
Lab ID: 1100837-32

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0011	01/03/2012	01/03/12 18:04	
Arsenic	**1.6**	1.0	NA	1	B2A0011	01/03/2012	01/03/12 18:04	
Barium	**45**	1.0	NA	1	B2A0011	01/03/2012	01/03/12 18:04	
Beryllium	ND	1.0	NA	1	B2A0011	01/03/2012	01/03/12 18:04	
Cadmium	ND	1.0	NA	1	B2A0011	01/03/2012	01/03/12 18:04	
Chromium	**24**	1.0	NA	1	B2A0011	01/03/2012	01/03/12 18:04	
Cobalt	**5.4**	1.0	NA	1	B2A0011	01/03/2012	01/03/12 18:04	
Copper	**7.7**	2.0	NA	1	B2A0011	01/03/2012	01/03/12 18:04	
Lead	**1.6**	1.0	NA	1	B2A0011	01/03/2012	01/03/12 18:04	
Molybdenum	ND	1.0	NA	1	B2A0011	01/03/2012	01/03/12 18:04	
Nickel	**29**	1.0	NA	1	B2A0011	01/03/2012	01/03/12 18:04	
Selenium	ND	1.0	NA	1	B2A0011	01/03/2012	01/03/12 18:04	
Silver	ND	1.0	NA	1	B2A0011	01/03/2012	01/03/12 18:04	
Thallium	ND	1.0	NA	1	B2A0011	01/03/2012	01/03/12 18:04	
Vanadium	**22**	1.0	NA	1	B2A0011	01/03/2012	01/03/12 18:04	
Zinc	**17**	1.0	NA	1	B2A0011	01/03/2012	01/03/12 18:04	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G23-0

Lab ID: 1100837-33

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0011	01/03/2012	01/03/12 18:06	
Arsenic	ND	1.0	NA	1	B2A0011	01/03/2012	01/03/12 18:06	
Barium	**7.3**	1.0	NA	1	B2A0011	01/03/2012	01/03/12 18:06	
Beryllium	ND	1.0	NA	1	B2A0011	01/03/2012	01/03/12 18:06	
Cadmium	ND	1.0	NA	1	B2A0011	01/03/2012	01/03/12 18:06	
Chromium	**6.8**	1.0	NA	1	B2A0011	01/03/2012	01/03/12 18:06	
Cobalt	**12**	1.0	NA	1	B2A0011	01/03/2012	01/03/12 18:06	
Copper	**20**	2.0	NA	1	B2A0011	01/03/2012	01/03/12 18:06	
Lead	ND	1.0	NA	1	B2A0011	01/03/2012	01/03/12 18:06	
Molybdenum	ND	1.0	NA	1	B2A0011	01/03/2012	01/03/12 18:06	
Nickel	**18**	1.0	NA	1	B2A0011	01/03/2012	01/03/12 18:06	
Selenium	ND	1.0	NA	1	B2A0011	01/03/2012	01/03/12 18:06	
Silver	ND	1.0	NA	1	B2A0011	01/03/2012	01/03/12 18:06	
Thallium	ND	1.0	NA	1	B2A0011	01/03/2012	01/03/12 18:06	
Vanadium	**97**	1.0	NA	1	B2A0011	01/03/2012	01/03/12 18:06	
Zinc	**40**	1.0	NA	1	B2A0011	01/03/2012	01/03/12 18:06	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G23-0.5
Lab ID: 1100837-34

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0011	01/03/2012	01/03/12 18:08	
Arsenic	ND	1.0	NA	1	B2A0011	01/03/2012	01/03/12 18:08	
Barium	**73**	1.0	NA	1	B2A0011	01/03/2012	01/03/12 18:08	
Beryllium	ND	1.0	NA	1	B2A0011	01/03/2012	01/03/12 18:08	
Cadmium	ND	1.0	NA	1	B2A0011	01/03/2012	01/03/12 18:08	
Chromium	**13**	1.0	NA	1	B2A0011	01/03/2012	01/03/12 18:08	
Cobalt	**15**	1.0	NA	1	B2A0011	01/03/2012	01/03/12 18:08	
Copper	**31**	2.0	NA	1	B2A0011	01/03/2012	01/03/12 18:08	
Lead	ND	1.0	NA	1	B2A0011	01/03/2012	01/03/12 18:08	
Molybdenum	ND	1.0	NA	1	B2A0011	01/03/2012	01/03/12 18:08	
Nickel	**15**	1.0	NA	1	B2A0011	01/03/2012	01/03/12 18:08	
Selenium	ND	1.0	NA	1	B2A0011	01/03/2012	01/03/12 18:08	
Silver	ND	1.0	NA	1	B2A0011	01/03/2012	01/03/12 18:08	
Thallium	ND	1.0	NA	1	B2A0011	01/03/2012	01/03/12 18:08	
Vanadium	**100**	1.0	NA	1	B2A0011	01/03/2012	01/03/12 18:08	
Zinc	**42**	1.0	NA	1	B2A0011	01/03/2012	01/03/12 18:08	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G23-1.5
Lab ID: 1100837-35

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0011	01/03/2012	01/03/12 18:09	
Arsenic	ND	1.0	NA	1	B2A0011	01/03/2012	01/03/12 18:09	
Barium	**13**	1.0	NA	1	B2A0011	01/03/2012	01/03/12 18:09	
Beryllium	ND	1.0	NA	1	B2A0011	01/03/2012	01/03/12 18:09	
Cadmium	ND	1.0	NA	1	B2A0011	01/03/2012	01/03/12 18:09	
Chromium	**10**	1.0	NA	1	B2A0011	01/03/2012	01/03/12 18:09	
Cobalt	**19**	1.0	NA	1	B2A0011	01/03/2012	01/03/12 18:09	
Copper	**36**	2.0	NA	1	B2A0011	01/03/2012	01/03/12 18:09	
Lead	ND	1.0	NA	1	B2A0011	01/03/2012	01/03/12 18:09	
Molybdenum	ND	1.0	NA	1	B2A0011	01/03/2012	01/03/12 18:09	
Nickel	**11**	1.0	NA	1	B2A0011	01/03/2012	01/03/12 18:09	
Selenium	ND	1.0	NA	1	B2A0011	01/03/2012	01/03/12 18:09	
Silver	ND	1.0	NA	1	B2A0011	01/03/2012	01/03/12 18:09	
Thallium	ND	1.0	NA	1	B2A0011	01/03/2012	01/03/12 18:09	
Vanadium	**140**	1.0	NA	1	B2A0011	01/03/2012	01/03/12 18:09	
Zinc	**50**	1.0	NA	1	B2A0011	01/03/2012	01/03/12 18:09	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G23-2.5
Lab ID: 1100837-36

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0011	01/03/2012	01/03/12 18:11	
Arsenic	ND	1.0	NA	1	B2A0011	01/03/2012	01/03/12 18:11	
Barium	**14**	1.0	NA	1	B2A0011	01/03/2012	01/03/12 18:11	
Beryllium	ND	1.0	NA	1	B2A0011	01/03/2012	01/03/12 18:11	
Cadmium	ND	1.0	NA	1	B2A0011	01/03/2012	01/03/12 18:11	
Chromium	**9.8**	1.0	NA	1	B2A0011	01/03/2012	01/03/12 18:11	
Cobalt	**17**	1.0	NA	1	B2A0011	01/03/2012	01/03/12 18:11	
Copper	**34**	2.0	NA	1	B2A0011	01/03/2012	01/03/12 18:11	
Lead	ND	1.0	NA	1	B2A0011	01/03/2012	01/03/12 18:11	
Molybdenum	ND	1.0	NA	1	B2A0011	01/03/2012	01/03/12 18:11	
Nickel	**11**	1.0	NA	1	B2A0011	01/03/2012	01/03/12 18:11	
Selenium	ND	1.0	NA	1	B2A0011	01/03/2012	01/03/12 18:11	
Silver	ND	1.0	NA	1	B2A0011	01/03/2012	01/03/12 18:11	
Thallium	ND	1.0	NA	1	B2A0011	01/03/2012	01/03/12 18:11	
Vanadium	**130**	1.0	NA	1	B2A0011	01/03/2012	01/03/12 18:11	
Zinc	**48**	1.0	NA	1	B2A0011	01/03/2012	01/03/12 18:11	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G24-0

Lab ID: 1100837-37

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0011	01/03/2012	01/03/12 18:13	
Arsenic	ND	1.0	NA	1	B2A0011	01/03/2012	01/03/12 18:13	
Barium	**34**	1.0	NA	1	B2A0011	01/03/2012	01/03/12 18:13	
Beryllium	ND	1.0	NA	1	B2A0011	01/03/2012	01/03/12 18:13	
Cadmium	ND	1.0	NA	1	B2A0011	01/03/2012	01/03/12 18:13	
Chromium	**15**	1.0	NA	1	B2A0011	01/03/2012	01/03/12 18:13	
Cobalt	**15**	1.0	NA	1	B2A0011	01/03/2012	01/03/12 18:13	
Copper	**36**	2.0	NA	1	B2A0011	01/03/2012	01/03/12 18:13	
Lead	**36**	1.0	NA	1	B2A0011	01/03/2012	01/03/12 18:13	
Molybdenum	ND	1.0	NA	1	B2A0011	01/03/2012	01/03/12 18:13	
Nickel	**15**	1.0	NA	1	B2A0011	01/03/2012	01/03/12 18:13	
Selenium	ND	1.0	NA	1	B2A0011	01/03/2012	01/03/12 18:13	
Silver	ND	1.0	NA	1	B2A0011	01/03/2012	01/03/12 18:13	
Thallium	ND	1.0	NA	1	B2A0011	01/03/2012	01/03/12 18:13	
Vanadium	**120**	1.0	NA	1	B2A0011	01/03/2012	01/03/12 18:13	
Zinc	**69**	1.0	NA	1	B2A0011	01/03/2012	01/03/12 18:13	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G24-0.5
Lab ID: 1100837-38

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0011	01/03/2012	01/03/12 18:14	
Arsenic	ND	1.0	NA	1	B2A0011	01/03/2012	01/03/12 18:14	
Barium	**24**	1.0	NA	1	B2A0011	01/03/2012	01/03/12 18:14	
Beryllium	ND	1.0	NA	1	B2A0011	01/03/2012	01/03/12 18:14	
Cadmium	ND	1.0	NA	1	B2A0011	01/03/2012	01/03/12 18:14	
Chromium	**12**	1.0	NA	1	B2A0011	01/03/2012	01/03/12 18:14	
Cobalt	**17**	1.0	NA	1	B2A0011	01/03/2012	01/03/12 18:14	
Copper	**40**	2.0	NA	1	B2A0011	01/03/2012	01/03/12 18:14	
Lead	**29**	1.0	NA	1	B2A0011	01/03/2012	01/03/12 18:14	
Molybdenum	ND	1.0	NA	1	B2A0011	01/03/2012	01/03/12 18:14	
Nickel	**13**	1.0	NA	1	B2A0011	01/03/2012	01/03/12 18:14	
Selenium	ND	1.0	NA	1	B2A0011	01/03/2012	01/03/12 18:14	
Silver	ND	1.0	NA	1	B2A0011	01/03/2012	01/03/12 18:14	
Thallium	ND	1.0	NA	1	B2A0011	01/03/2012	01/03/12 18:14	
Vanadium	**130**	1.0	NA	1	B2A0011	01/03/2012	01/03/12 18:14	
Zinc	**51**	1.0	NA	1	B2A0011	01/03/2012	01/03/12 18:14	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G24-1.5
Lab ID: 1100837-39

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0011	01/03/2012	01/03/12 18:20	
Arsenic	ND	1.0	NA	1	B2A0011	01/03/2012	01/03/12 18:20	
Barium	**19**	1.0	NA	1	B2A0011	01/03/2012	01/03/12 18:20	
Beryllium	ND	1.0	NA	1	B2A0011	01/03/2012	01/03/12 18:20	
Cadmium	ND	1.0	NA	1	B2A0011	01/03/2012	01/03/12 18:20	
Chromium	**10**	1.0	NA	1	B2A0011	01/03/2012	01/03/12 18:20	
Cobalt	**15**	1.0	NA	1	B2A0011	01/03/2012	01/03/12 18:20	
Copper	**31**	2.0	NA	1	B2A0011	01/03/2012	01/03/12 18:20	
Lead	**5.9**	1.0	NA	1	B2A0011	01/03/2012	01/03/12 18:20	
Molybdenum	ND	1.0	NA	1	B2A0011	01/03/2012	01/03/12 18:20	
Nickel	**11**	1.0	NA	1	B2A0011	01/03/2012	01/03/12 18:20	
Selenium	ND	1.0	NA	1	B2A0011	01/03/2012	01/03/12 18:20	
Silver	ND	1.0	NA	1	B2A0011	01/03/2012	01/03/12 18:20	
Thallium	ND	1.0	NA	1	B2A0011	01/03/2012	01/03/12 18:20	
Vanadium	**120**	1.0	NA	1	B2A0011	01/03/2012	01/03/12 18:20	
Zinc	**45**	1.0	NA	1	B2A0011	01/03/2012	01/03/12 18:20	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G24-2.5
Lab ID: 1100837-40

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0011	01/03/2012	01/03/12 18:22	
Arsenic	ND	1.0	NA	1	B2A0011	01/03/2012	01/03/12 18:22	
Barium	**27**	1.0	NA	1	B2A0011	01/03/2012	01/03/12 18:22	
Beryllium	ND	1.0	NA	1	B2A0011	01/03/2012	01/03/12 18:22	
Cadmium	ND	1.0	NA	1	B2A0011	01/03/2012	01/03/12 18:22	
Chromium	**11**	1.0	NA	1	B2A0011	01/03/2012	01/03/12 18:22	
Cobalt	**18**	1.0	NA	1	B2A0011	01/03/2012	01/03/12 18:22	
Copper	**38**	2.0	NA	1	B2A0011	01/03/2012	01/03/12 18:22	
Lead	**6.3**	1.0	NA	1	B2A0011	01/03/2012	01/03/12 18:22	
Molybdenum	ND	1.0	NA	1	B2A0011	01/03/2012	01/03/12 18:22	
Nickel	**13**	1.0	NA	1	B2A0011	01/03/2012	01/03/12 18:22	
Selenium	ND	1.0	NA	1	B2A0011	01/03/2012	01/03/12 18:22	
Silver	ND	1.0	NA	1	B2A0011	01/03/2012	01/03/12 18:22	
Thallium	ND	1.0	NA	1	B2A0011	01/03/2012	01/03/12 18:22	
Vanadium	**130**	1.0	NA	1	B2A0011	01/03/2012	01/03/12 18:22	
Zinc	**52**	1.0	NA	1	B2A0011	01/03/2012	01/03/12 18:22	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G33-0

Lab ID: 1100837-41

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0012	01/03/2012	01/03/12 18:33	
Arsenic	ND	1.0	NA	1	B2A0012	01/03/2012	01/03/12 18:33	
Barium	**12**	1.0	NA	1	B2A0012	01/03/2012	01/03/12 18:33	
Beryllium	ND	1.0	NA	1	B2A0012	01/03/2012	01/03/12 18:33	
Cadmium	ND	1.0	NA	1	B2A0012	01/03/2012	01/03/12 18:33	
Chromium	**7.3**	1.0	NA	1	B2A0012	01/03/2012	01/03/12 18:33	
Cobalt	**12**	1.0	NA	1	B2A0012	01/03/2012	01/03/12 18:33	
Copper	**23**	2.0	NA	1	B2A0012	01/03/2012	01/03/12 18:33	
Lead	**2.5**	1.0	NA	1	B2A0012	01/03/2012	01/03/12 18:33	
Molybdenum	ND	1.0	NA	1	B2A0012	01/03/2012	01/03/12 18:33	
Nickel	**16**	1.0	NA	1	B2A0012	01/03/2012	01/03/12 18:33	
Selenium	ND	1.0	NA	1	B2A0012	01/03/2012	01/03/12 18:33	
Silver	ND	1.0	NA	1	B2A0012	01/03/2012	01/03/12 18:33	
Thallium	ND	1.0	NA	1	B2A0012	01/03/2012	01/03/12 18:33	
Vanadium	**82**	1.0	NA	1	B2A0012	01/03/2012	01/03/12 18:33	
Zinc	**38**	1.0	NA	1	B2A0012	01/03/2012	01/03/12 18:33	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G33-0.5
Lab ID: 1100837-42

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0012	01/03/2012	01/03/12 18:35	
Arsenic	ND	1.0	NA	1	B2A0012	01/03/2012	01/03/12 18:35	
Barium	**27**	1.0	NA	1	B2A0012	01/03/2012	01/03/12 18:35	
Beryllium	ND	1.0	NA	1	B2A0012	01/03/2012	01/03/12 18:35	
Cadmium	ND	1.0	NA	1	B2A0012	01/03/2012	01/03/12 18:35	
Chromium	**14**	1.0	NA	1	B2A0012	01/03/2012	01/03/12 18:35	
Cobalt	**14**	1.0	NA	1	B2A0012	01/03/2012	01/03/12 18:35	
Copper	**31**	2.0	NA	1	B2A0012	01/03/2012	01/03/12 18:35	
Lead	ND	1.0	NA	1	B2A0012	01/03/2012	01/03/12 18:35	
Molybdenum	ND	1.0	NA	1	B2A0012	01/03/2012	01/03/12 18:35	
Nickel	**11**	1.0	NA	1	B2A0012	01/03/2012	01/03/12 18:35	
Selenium	ND	1.0	NA	1	B2A0012	01/03/2012	01/03/12 18:35	
Silver	ND	1.0	NA	1	B2A0012	01/03/2012	01/03/12 18:35	
Thallium	ND	1.0	NA	1	B2A0012	01/03/2012	01/03/12 18:35	
Vanadium	**97**	1.0	NA	1	B2A0012	01/03/2012	01/03/12 18:35	
Zinc	**38**	1.0	NA	1	B2A0012	01/03/2012	01/03/12 18:35	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G33-1.5
Lab ID: 1100837-43

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0012	01/03/2012	01/03/12 18:36	
Arsenic	ND	1.0	NA	1	B2A0012	01/03/2012	01/03/12 18:36	
Barium	**20**	1.0	NA	1	B2A0012	01/03/2012	01/03/12 18:36	
Beryllium	ND	1.0	NA	1	B2A0012	01/03/2012	01/03/12 18:36	
Cadmium	ND	1.0	NA	1	B2A0012	01/03/2012	01/03/12 18:36	
Chromium	**9.7**	1.0	NA	1	B2A0012	01/03/2012	01/03/12 18:36	
Cobalt	**17**	1.0	NA	1	B2A0012	01/03/2012	01/03/12 18:36	
Copper	**30**	2.0	NA	1	B2A0012	01/03/2012	01/03/12 18:36	
Lead	ND	1.0	NA	1	B2A0012	01/03/2012	01/03/12 18:36	
Molybdenum	ND	1.0	NA	1	B2A0012	01/03/2012	01/03/12 18:36	
Nickel	**13**	1.0	NA	1	B2A0012	01/03/2012	01/03/12 18:36	
Selenium	ND	1.0	NA	1	B2A0012	01/03/2012	01/03/12 18:36	
Silver	ND	1.0	NA	1	B2A0012	01/03/2012	01/03/12 18:36	
Thallium	ND	1.0	NA	1	B2A0012	01/03/2012	01/03/12 18:36	
Vanadium	**100**	1.0	NA	1	B2A0012	01/03/2012	01/03/12 18:36	
Zinc	**44**	1.0	NA	1	B2A0012	01/03/2012	01/03/12 18:36	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
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Client Sample ID G33-2.5
Lab ID: 1100837-44

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0012	01/03/2012	01/03/12 18:42	
Arsenic	ND	1.0	NA	1	B2A0012	01/03/2012	01/03/12 18:42	
Barium	**13**	1.0	NA	1	B2A0012	01/03/2012	01/03/12 18:42	
Beryllium	ND	1.0	NA	1	B2A0012	01/03/2012	01/03/12 18:42	
Cadmium	ND	1.0	NA	1	B2A0012	01/03/2012	01/03/12 18:42	
Chromium	**11**	1.0	NA	1	B2A0012	01/03/2012	01/03/12 18:42	
Cobalt	**16**	1.0	NA	1	B2A0012	01/03/2012	01/03/12 18:42	
Copper	**36**	2.0	NA	1	B2A0012	01/03/2012	01/03/12 18:42	
Lead	ND	1.0	NA	1	B2A0012	01/03/2012	01/03/12 18:42	
Molybdenum	ND	1.0	NA	1	B2A0012	01/03/2012	01/03/12 18:42	
Nickel	**11**	1.0	NA	1	B2A0012	01/03/2012	01/03/12 18:42	
Selenium	ND	1.0	NA	1	B2A0012	01/03/2012	01/03/12 18:42	
Silver	ND	1.0	NA	1	B2A0012	01/03/2012	01/03/12 18:42	
Thallium	ND	1.0	NA	1	B2A0012	01/03/2012	01/03/12 18:42	
Vanadium	**110**	1.0	NA	1	B2A0012	01/03/2012	01/03/12 18:42	
Zinc	**47**	1.0	NA	1	B2A0012	01/03/2012	01/03/12 18:42	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G36-0

Lab ID: 1100837-45

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0012	01/03/2012	01/03/12 18:44	
Arsenic	ND	1.0	NA	1	B2A0012	01/03/2012	01/03/12 18:44	
Barium	**6.9**	1.0	NA	1	B2A0012	01/03/2012	01/03/12 18:44	
Beryllium	ND	1.0	NA	1	B2A0012	01/03/2012	01/03/12 18:44	
Cadmium	ND	1.0	NA	1	B2A0012	01/03/2012	01/03/12 18:44	
Chromium	**6.3**	1.0	NA	1	B2A0012	01/03/2012	01/03/12 18:44	
Cobalt	**11**	1.0	NA	1	B2A0012	01/03/2012	01/03/12 18:44	
Copper	**22**	2.0	NA	1	B2A0012	01/03/2012	01/03/12 18:44	
Lead	ND	1.0	NA	1	B2A0012	01/03/2012	01/03/12 18:44	
Molybdenum	ND	1.0	NA	1	B2A0012	01/03/2012	01/03/12 18:44	
Nickel	**16**	1.0	NA	1	B2A0012	01/03/2012	01/03/12 18:44	
Selenium	ND	1.0	NA	1	B2A0012	01/03/2012	01/03/12 18:44	
Silver	ND	1.0	NA	1	B2A0012	01/03/2012	01/03/12 18:44	
Thallium	ND	1.0	NA	1	B2A0012	01/03/2012	01/03/12 18:44	
Vanadium	**82**	1.0	NA	1	B2A0012	01/03/2012	01/03/12 18:44	
Zinc	**36**	1.0	NA	1	B2A0012	01/03/2012	01/03/12 18:44	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G36-0.5
Lab ID: 1100837-46

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0012	01/03/2012	01/03/12 18:45	
Arsenic	ND	1.0	NA	1	B2A0012	01/03/2012	01/03/12 18:45	
Barium	**78**	1.0	NA	1	B2A0012	01/03/2012	01/03/12 18:45	
Beryllium	ND	1.0	NA	1	B2A0012	01/03/2012	01/03/12 18:45	
Cadmium	ND	1.0	NA	1	B2A0012	01/03/2012	01/03/12 18:45	
Chromium	**11**	1.0	NA	1	B2A0012	01/03/2012	01/03/12 18:45	
Cobalt	**13**	1.0	NA	1	B2A0012	01/03/2012	01/03/12 18:45	
Copper	**27**	2.0	NA	1	B2A0012	01/03/2012	01/03/12 18:45	
Lead	ND	1.0	NA	1	B2A0012	01/03/2012	01/03/12 18:45	
Molybdenum	ND	1.0	NA	1	B2A0012	01/03/2012	01/03/12 18:45	
Nickel	**13**	1.0	NA	1	B2A0012	01/03/2012	01/03/12 18:45	
Selenium	ND	1.0	NA	1	B2A0012	01/03/2012	01/03/12 18:45	
Silver	ND	1.0	NA	1	B2A0012	01/03/2012	01/03/12 18:45	
Thallium	ND	1.0	NA	1	B2A0012	01/03/2012	01/03/12 18:45	
Vanadium	**93**	1.0	NA	1	B2A0012	01/03/2012	01/03/12 18:45	
Zinc	**40**	1.0	NA	1	B2A0012	01/03/2012	01/03/12 18:45	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
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Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G36-1.5
Lab ID: 1100837-47

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0012	01/03/2012	01/03/12 18:47	
Arsenic	ND	1.0	NA	1	B2A0012	01/03/2012	01/03/12 18:47	
Barium	**11**	1.0	NA	1	B2A0012	01/03/2012	01/03/12 18:47	
Beryllium	ND	1.0	NA	1	B2A0012	01/03/2012	01/03/12 18:47	
Cadmium	ND	1.0	NA	1	B2A0012	01/03/2012	01/03/12 18:47	
Chromium	**9.8**	1.0	NA	1	B2A0012	01/03/2012	01/03/12 18:47	
Cobalt	**17**	1.0	NA	1	B2A0012	01/03/2012	01/03/12 18:47	
Copper	**31**	2.0	NA	1	B2A0012	01/03/2012	01/03/12 18:47	
Lead	ND	1.0	NA	1	B2A0012	01/03/2012	01/03/12 18:47	
Molybdenum	ND	1.0	NA	1	B2A0012	01/03/2012	01/03/12 18:47	
Nickel	**10**	1.0	NA	1	B2A0012	01/03/2012	01/03/12 18:47	
Selenium	ND	1.0	NA	1	B2A0012	01/03/2012	01/03/12 18:47	
Silver	ND	1.0	NA	1	B2A0012	01/03/2012	01/03/12 18:47	
Thallium	ND	1.0	NA	1	B2A0012	01/03/2012	01/03/12 18:47	
Vanadium	**130**	1.0	NA	1	B2A0012	01/03/2012	01/03/12 18:47	
Zinc	**44**	1.0	NA	1	B2A0012	01/03/2012	01/03/12 18:47	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G36-2.5
Lab ID: 1100837-48

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0012	01/03/2012	01/03/12 18:49	
Arsenic	ND	1.0	NA	1	B2A0012	01/03/2012	01/03/12 18:49	
Barium	**8.2**	1.0	NA	1	B2A0012	01/03/2012	01/03/12 18:49	
Beryllium	ND	1.0	NA	1	B2A0012	01/03/2012	01/03/12 18:49	
Cadmium	ND	1.0	NA	1	B2A0012	01/03/2012	01/03/12 18:49	
Chromium	**7.7**	1.0	NA	1	B2A0012	01/03/2012	01/03/12 18:49	
Cobalt	**16**	1.0	NA	1	B2A0012	01/03/2012	01/03/12 18:49	
Copper	**32**	2.0	NA	1	B2A0012	01/03/2012	01/03/12 18:49	
Lead	ND	1.0	NA	1	B2A0012	01/03/2012	01/03/12 18:49	
Molybdenum	ND	1.0	NA	1	B2A0012	01/03/2012	01/03/12 18:49	
Nickel	**9.4**	1.0	NA	1	B2A0012	01/03/2012	01/03/12 18:49	
Selenium	ND	1.0	NA	1	B2A0012	01/03/2012	01/03/12 18:49	
Silver	ND	1.0	NA	1	B2A0012	01/03/2012	01/03/12 18:49	
Thallium	ND	1.0	NA	1	B2A0012	01/03/2012	01/03/12 18:49	
Vanadium	**130**	1.0	NA	1	B2A0012	01/03/2012	01/03/12 18:49	
Zinc	**46**	1.0	NA	1	B2A0012	01/03/2012	01/03/12 18:49	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
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Client Sample ID G37-0

Lab ID: 1100837-49

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0012	01/03/2012	01/03/12 18:50	
Arsenic	**8.5**	1.0	NA	1	B2A0012	01/03/2012	01/03/12 18:50	
Barium	**200**	1.0	NA	1	B2A0012	01/03/2012	01/03/12 18:50	
Beryllium	ND	1.0	NA	1	B2A0012	01/03/2012	01/03/12 18:50	
Cadmium	ND	1.0	NA	1	B2A0012	01/03/2012	01/03/12 18:50	
Chromium	**35**	1.0	NA	1	B2A0012	01/03/2012	01/03/12 18:50	
Cobalt	**18**	1.0	NA	1	B2A0012	01/03/2012	01/03/12 18:50	
Copper	**60**	2.0	NA	1	B2A0012	01/03/2012	01/03/12 18:50	
Lead	**8.9**	1.0	NA	1	B2A0012	01/03/2012	01/03/12 18:50	
Molybdenum	ND	1.0	NA	1	B2A0012	01/03/2012	01/03/12 18:50	
Nickel	**53**	1.0	NA	1	B2A0012	01/03/2012	01/03/12 18:50	
Selenium	ND	1.0	NA	1	B2A0012	01/03/2012	01/03/12 18:50	
Silver	ND	1.0	NA	1	B2A0012	01/03/2012	01/03/12 18:50	
Thallium	ND	1.0	NA	1	B2A0012	01/03/2012	01/03/12 18:50	
Vanadium	**42**	1.0	NA	1	B2A0012	01/03/2012	01/03/12 18:50	
Zinc	**82**	1.0	NA	1	B2A0012	01/03/2012	01/03/12 18:50	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
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Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G37-0.5
Lab ID: 1100837-50

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0012	01/03/2012	01/03/12 18:52	
Arsenic	**7.2**	1.0	NA	1	B2A0012	01/03/2012	01/03/12 18:52	
Barium	**250**	1.0	NA	1	B2A0012	01/03/2012	01/03/12 18:52	
Beryllium	ND	1.0	NA	1	B2A0012	01/03/2012	01/03/12 18:52	
Cadmium	ND	1.0	NA	1	B2A0012	01/03/2012	01/03/12 18:52	
Chromium	**31**	1.0	NA	1	B2A0012	01/03/2012	01/03/12 18:52	
Cobalt	**19**	1.0	NA	1	B2A0012	01/03/2012	01/03/12 18:52	
Copper	**46**	2.0	NA	1	B2A0012	01/03/2012	01/03/12 18:52	
Lead	**11**	1.0	NA	1	B2A0012	01/03/2012	01/03/12 18:52	
Molybdenum	ND	1.0	NA	1	B2A0012	01/03/2012	01/03/12 18:52	
Nickel	**52**	1.0	NA	1	B2A0012	01/03/2012	01/03/12 18:52	
Selenium	ND	1.0	NA	1	B2A0012	01/03/2012	01/03/12 18:52	
Silver	ND	1.0	NA	1	B2A0012	01/03/2012	01/03/12 18:52	
Thallium	ND	1.0	NA	1	B2A0012	01/03/2012	01/03/12 18:52	
Vanadium	**30**	1.0	NA	1	B2A0012	01/03/2012	01/03/12 18:52	
Zinc	**71**	1.0	NA	1	B2A0012	01/03/2012	01/03/12 18:52	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
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Client Sample ID G37-1.5
Lab ID: 1100837-51

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0013	01/03/2012	01/03/12 19:07	
Arsenic	**5.6**	1.0	NA	1	B2A0013	01/03/2012	01/03/12 19:07	
Barium	**200**	1.0	NA	1	B2A0013	01/03/2012	01/03/12 19:07	
Beryllium	ND	1.0	NA	1	B2A0013	01/03/2012	01/03/12 19:07	
Cadmium	ND	1.0	NA	1	B2A0013	01/03/2012	01/03/12 19:07	
Chromium	**31**	1.0	NA	1	B2A0013	01/03/2012	01/03/12 19:07	
Cobalt	**16**	1.0	NA	1	B2A0013	01/03/2012	01/03/12 19:07	
Copper	**45**	2.0	NA	1	B2A0013	01/03/2012	01/03/12 19:07	
Lead	**7.9**	1.0	NA	1	B2A0013	01/03/2012	01/03/12 19:07	
Molybdenum	ND	1.0	NA	1	B2A0013	01/03/2012	01/03/12 19:07	
Nickel	**49**	1.0	NA	1	B2A0013	01/03/2012	01/03/12 19:07	
Selenium	ND	1.0	NA	1	B2A0013	01/03/2012	01/03/12 19:07	
Silver	ND	1.0	NA	1	B2A0013	01/03/2012	01/03/12 19:07	
Thallium	ND	1.0	NA	1	B2A0013	01/03/2012	01/03/12 19:07	
Vanadium	**36**	1.0	NA	1	B2A0013	01/03/2012	01/03/12 19:07	
Zinc	**67**	1.0	NA	1	B2A0013	01/03/2012	01/03/12 19:07	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G37-2.5
Lab ID: 1100837-52

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0013	01/03/2012	01/03/12 19:08	
Arsenic	**5.0**	1.0	NA	1	B2A0013	01/03/2012	01/03/12 19:08	
Barium	**210**	1.0	NA	1	B2A0013	01/03/2012	01/03/12 19:08	
Beryllium	ND	1.0	NA	1	B2A0013	01/03/2012	01/03/12 19:08	
Cadmium	ND	1.0	NA	1	B2A0013	01/03/2012	01/03/12 19:08	
Chromium	**28**	1.0	NA	1	B2A0013	01/03/2012	01/03/12 19:08	
Cobalt	**15**	1.0	NA	1	B2A0013	01/03/2012	01/03/12 19:08	
Copper	**43**	2.0	NA	1	B2A0013	01/03/2012	01/03/12 19:08	
Lead	**6.5**	1.0	NA	1	B2A0013	01/03/2012	01/03/12 19:08	
Molybdenum	ND	1.0	NA	1	B2A0013	01/03/2012	01/03/12 19:08	
Nickel	**40**	1.0	NA	1	B2A0013	01/03/2012	01/03/12 19:08	
Selenium	ND	1.0	NA	1	B2A0013	01/03/2012	01/03/12 19:08	
Silver	ND	1.0	NA	1	B2A0013	01/03/2012	01/03/12 19:08	
Thallium	ND	1.0	NA	1	B2A0013	01/03/2012	01/03/12 19:08	
Vanadium	**31**	1.0	NA	1	B2A0013	01/03/2012	01/03/12 19:08	
Zinc	**64**	1.0	NA	1	B2A0013	01/03/2012	01/03/12 19:08	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G40-0

Lab ID: 1100837-53

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0013	01/03/2012	01/03/12 19:10	
Arsenic	ND	1.0	NA	1	B2A0013	01/03/2012	01/03/12 19:10	
Barium	**26**	1.0	NA	1	B2A0013	01/03/2012	01/03/12 19:10	
Beryllium	ND	1.0	NA	1	B2A0013	01/03/2012	01/03/12 19:10	
Cadmium	ND	1.0	NA	1	B2A0013	01/03/2012	01/03/12 19:10	
Chromium	**11**	1.0	NA	1	B2A0013	01/03/2012	01/03/12 19:10	
Cobalt	**14**	1.0	NA	1	B2A0013	01/03/2012	01/03/12 19:10	
Copper	**25**	2.0	NA	1	B2A0013	01/03/2012	01/03/12 19:10	
Lead	**13**	1.0	NA	1	B2A0013	01/03/2012	01/03/12 19:10	
Molybdenum	ND	1.0	NA	1	B2A0013	01/03/2012	01/03/12 19:10	
Nickel	**21**	1.0	NA	1	B2A0013	01/03/2012	01/03/12 19:10	
Selenium	ND	1.0	NA	1	B2A0013	01/03/2012	01/03/12 19:10	
Silver	ND	1.0	NA	1	B2A0013	01/03/2012	01/03/12 19:10	
Thallium	ND	1.0	NA	1	B2A0013	01/03/2012	01/03/12 19:10	
Vanadium	**91**	1.0	NA	1	B2A0013	01/03/2012	01/03/12 19:10	
Zinc	**47**	1.0	NA	1	B2A0013	01/03/2012	01/03/12 19:10	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G40-0.5
Lab ID: 1100837-54

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0013	01/03/2012	01/03/12 19:11	
Arsenic	ND	1.0	NA	1	B2A0013	01/03/2012	01/03/12 19:11	
Barium	**88**	1.0	NA	1	B2A0013	01/03/2012	01/03/12 19:11	
Beryllium	ND	1.0	NA	1	B2A0013	01/03/2012	01/03/12 19:11	
Cadmium	ND	1.0	NA	1	B2A0013	01/03/2012	01/03/12 19:11	
Chromium	**11**	1.0	NA	1	B2A0013	01/03/2012	01/03/12 19:11	
Cobalt	**15**	1.0	NA	1	B2A0013	01/03/2012	01/03/12 19:11	
Copper	**32**	2.0	NA	1	B2A0013	01/03/2012	01/03/12 19:11	
Lead	ND	1.0	NA	1	B2A0013	01/03/2012	01/03/12 19:11	
Molybdenum	ND	1.0	NA	1	B2A0013	01/03/2012	01/03/12 19:11	
Nickel	**15**	1.0	NA	1	B2A0013	01/03/2012	01/03/12 19:11	
Selenium	ND	1.0	NA	1	B2A0013	01/03/2012	01/03/12 19:11	
Silver	ND	1.0	NA	1	B2A0013	01/03/2012	01/03/12 19:11	
Thallium	ND	1.0	NA	1	B2A0013	01/03/2012	01/03/12 19:11	
Vanadium	**110**	1.0	NA	1	B2A0013	01/03/2012	01/03/12 19:11	
Zinc	**43**	1.0	NA	1	B2A0013	01/03/2012	01/03/12 19:11	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G40-1.5
Lab ID: 1100837-55

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0013	01/03/2012	01/03/12 19:13	
Arsenic	ND	1.0	NA	1	B2A0013	01/03/2012	01/03/12 19:13	
Barium	**12**	1.0	NA	1	B2A0013	01/03/2012	01/03/12 19:13	
Beryllium	ND	1.0	NA	1	B2A0013	01/03/2012	01/03/12 19:13	
Cadmium	ND	1.0	NA	1	B2A0013	01/03/2012	01/03/12 19:13	
Chromium	**8.5**	1.0	NA	1	B2A0013	01/03/2012	01/03/12 19:13	
Cobalt	**16**	1.0	NA	1	B2A0013	01/03/2012	01/03/12 19:13	
Copper	**28**	2.0	NA	1	B2A0013	01/03/2012	01/03/12 19:13	
Lead	ND	1.0	NA	1	B2A0013	01/03/2012	01/03/12 19:13	
Molybdenum	ND	1.0	NA	1	B2A0013	01/03/2012	01/03/12 19:13	
Nickel	**10**	1.0	NA	1	B2A0013	01/03/2012	01/03/12 19:13	
Selenium	ND	1.0	NA	1	B2A0013	01/03/2012	01/03/12 19:13	
Silver	ND	1.0	NA	1	B2A0013	01/03/2012	01/03/12 19:13	
Thallium	ND	1.0	NA	1	B2A0013	01/03/2012	01/03/12 19:13	
Vanadium	**130**	1.0	NA	1	B2A0013	01/03/2012	01/03/12 19:13	
Zinc	**47**	1.0	NA	1	B2A0013	01/03/2012	01/03/12 19:13	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G40-2.5
Lab ID: 1100837-56

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0013	01/03/2012	01/03/12 19:15	
Arsenic	ND	1.0	NA	1	B2A0013	01/03/2012	01/03/12 19:15	
Barium	**10**	1.0	NA	1	B2A0013	01/03/2012	01/03/12 19:15	
Beryllium	ND	1.0	NA	1	B2A0013	01/03/2012	01/03/12 19:15	
Cadmium	ND	1.0	NA	1	B2A0013	01/03/2012	01/03/12 19:15	
Chromium	**7.6**	1.0	NA	1	B2A0013	01/03/2012	01/03/12 19:15	
Cobalt	**16**	1.0	NA	1	B2A0013	01/03/2012	01/03/12 19:15	
Copper	**30**	2.0	NA	1	B2A0013	01/03/2012	01/03/12 19:15	
Lead	ND	1.0	NA	1	B2A0013	01/03/2012	01/03/12 19:15	
Molybdenum	ND	1.0	NA	1	B2A0013	01/03/2012	01/03/12 19:15	
Nickel	**10**	1.0	NA	1	B2A0013	01/03/2012	01/03/12 19:15	
Selenium	ND	1.0	NA	1	B2A0013	01/03/2012	01/03/12 19:15	
Silver	ND	1.0	NA	1	B2A0013	01/03/2012	01/03/12 19:15	
Thallium	ND	1.0	NA	1	B2A0013	01/03/2012	01/03/12 19:15	
Vanadium	**130**	1.0	NA	1	B2A0013	01/03/2012	01/03/12 19:15	
Zinc	**48**	1.0	NA	1	B2A0013	01/03/2012	01/03/12 19:15	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G41-0

Lab ID: 1100837-57

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0013	01/03/2012	01/03/12 19:16	
Arsenic	ND	1.0	NA	1	B2A0013	01/03/2012	01/03/12 19:16	
Barium	**5.9**	1.0	NA	1	B2A0013	01/03/2012	01/03/12 19:16	
Beryllium	ND	1.0	NA	1	B2A0013	01/03/2012	01/03/12 19:16	
Cadmium	ND	1.0	NA	1	B2A0013	01/03/2012	01/03/12 19:16	
Chromium	**5.5**	1.0	NA	1	B2A0013	01/03/2012	01/03/12 19:16	
Cobalt	**10**	1.0	NA	1	B2A0013	01/03/2012	01/03/12 19:16	
Copper	**24**	2.0	NA	1	B2A0013	01/03/2012	01/03/12 19:16	
Lead	ND	1.0	NA	1	B2A0013	01/03/2012	01/03/12 19:16	
Molybdenum	ND	1.0	NA	1	B2A0013	01/03/2012	01/03/12 19:16	
Nickel	**8.1**	1.0	NA	1	B2A0013	01/03/2012	01/03/12 19:16	
Selenium	ND	1.0	NA	1	B2A0013	01/03/2012	01/03/12 19:16	
Silver	ND	1.0	NA	1	B2A0013	01/03/2012	01/03/12 19:16	
Thallium	ND	1.0	NA	1	B2A0013	01/03/2012	01/03/12 19:16	
Vanadium	**77**	1.0	NA	1	B2A0013	01/03/2012	01/03/12 19:16	
Zinc	**39**	1.0	NA	1	B2A0013	01/03/2012	01/03/12 19:16	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G41-0.5
Lab ID: 1100837-58

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0013	01/03/2012	01/03/12 19:18	
Arsenic	**6.3**	1.0	NA	1	B2A0013	01/03/2012	01/03/12 19:18	
Barium	**240**	1.0	NA	1	B2A0013	01/03/2012	01/03/12 19:18	
Beryllium	ND	1.0	NA	1	B2A0013	01/03/2012	01/03/12 19:18	
Cadmium	ND	1.0	NA	1	B2A0013	01/03/2012	01/03/12 19:18	
Chromium	**35**	1.0	NA	1	B2A0013	01/03/2012	01/03/12 19:18	
Cobalt	**19**	1.0	NA	1	B2A0013	01/03/2012	01/03/12 19:18	
Copper	**53**	2.0	NA	1	B2A0013	01/03/2012	01/03/12 19:18	
Lead	**8.6**	1.0	NA	1	B2A0013	01/03/2012	01/03/12 19:18	
Molybdenum	ND	1.0	NA	1	B2A0013	01/03/2012	01/03/12 19:18	
Nickel	**50**	1.0	NA	1	B2A0013	01/03/2012	01/03/12 19:18	
Selenium	ND	1.0	NA	1	B2A0013	01/03/2012	01/03/12 19:18	
Silver	ND	1.0	NA	1	B2A0013	01/03/2012	01/03/12 19:18	
Thallium	ND	1.0	NA	1	B2A0013	01/03/2012	01/03/12 19:18	
Vanadium	**42**	1.0	NA	1	B2A0013	01/03/2012	01/03/12 19:18	
Zinc	**76**	1.0	NA	1	B2A0013	01/03/2012	01/03/12 19:18	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G41-1.5
Lab ID: 1100837-59

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	10	NA	5	B2A0013	01/03/2012	01/04/12 09:27	D5
Arsenic	**12**	5.0	NA	5	B2A0013	01/03/2012	01/04/12 09:27	D5
Barium	**240**	5.0	NA	5	B2A0013	01/03/2012	01/04/12 09:27	D5
Beryllium	ND	5.0	NA	5	B2A0013	01/03/2012	01/04/12 09:27	D5
Cadmium	ND	5.0	NA	5	B2A0013	01/03/2012	01/04/12 09:27	D5
Chromium	**33**	5.0	NA	5	B2A0013	01/03/2012	01/04/12 09:27	D5
Cobalt	**17**	5.0	NA	5	B2A0013	01/03/2012	01/04/12 09:27	D5
Copper	**56**	10	NA	5	B2A0013	01/03/2012	01/04/12 09:27	D5
Lead	**7.4**	5.0	NA	5	B2A0013	01/03/2012	01/04/12 09:27	D5
Molybdenum	ND	5.0	NA	5	B2A0013	01/03/2012	01/04/12 09:27	D5
Nickel	**53**	5.0	NA	5	B2A0013	01/03/2012	01/04/12 09:27	D5
Selenium	ND	5.0	NA	5	B2A0013	01/03/2012	01/04/12 09:27	D5
Silver	ND	5.0	NA	5	B2A0013	01/03/2012	01/04/12 09:27	D5
Thallium	ND	5.0	NA	5	B2A0013	01/03/2012	01/04/12 09:27	D5
Vanadium	**35**	5.0	NA	5	B2A0013	01/03/2012	01/04/12 09:27	D5
Zinc	**77**	5.0	NA	5	B2A0013	01/03/2012	01/04/12 09:27	D5

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G41-2.5
Lab ID: 1100837-60

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0013	01/03/2012	01/03/12 19:25	
Arsenic	**9.4**	1.0	NA	1	B2A0013	01/03/2012	01/03/12 19:25	
Barium	**200**	1.0	NA	1	B2A0013	01/03/2012	01/03/12 19:25	
Beryllium	ND	1.0	NA	1	B2A0013	01/03/2012	01/03/12 19:25	
Cadmium	ND	1.0	NA	1	B2A0013	01/03/2012	01/03/12 19:25	
Chromium	**37**	1.0	NA	1	B2A0013	01/03/2012	01/03/12 19:25	
Cobalt	**15**	1.0	NA	1	B2A0013	01/03/2012	01/03/12 19:25	
Copper	**47**	2.0	NA	1	B2A0013	01/03/2012	01/03/12 19:25	
Lead	**7.1**	1.0	NA	1	B2A0013	01/03/2012	01/03/12 19:25	
Molybdenum	ND	1.0	NA	1	B2A0013	01/03/2012	01/03/12 19:25	
Nickel	**44**	1.0	NA	1	B2A0013	01/03/2012	01/03/12 19:25	
Selenium	ND	1.0	NA	1	B2A0013	01/03/2012	01/03/12 19:25	
Silver	ND	1.0	NA	1	B2A0013	01/03/2012	01/03/12 19:25	
Thallium	ND	1.0	NA	1	B2A0013	01/03/2012	01/03/12 19:25	
Vanadium	**34**	1.0	NA	1	B2A0013	01/03/2012	01/03/12 19:25	
Zinc	**76**	1.0	NA	1	B2A0013	01/03/2012	01/03/12 19:25	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G42-0

Lab ID: 1100837-61

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0014	01/03/2012	01/03/12 19:36	
Arsenic	ND	1.0	NA	1	B2A0014	01/03/2012	01/03/12 19:36	
Barium	**27**	1.0	NA	1	B2A0014	01/03/2012	01/03/12 19:36	
Beryllium	ND	1.0	NA	1	B2A0014	01/03/2012	01/03/12 19:36	
Cadmium	ND	1.0	NA	1	B2A0014	01/03/2012	01/03/12 19:36	
Chromium	**11**	1.0	NA	1	B2A0014	01/03/2012	01/03/12 19:36	
Cobalt	**12**	1.0	NA	1	B2A0014	01/03/2012	01/03/12 19:36	
Copper	**32**	2.0	NA	1	B2A0014	01/03/2012	01/03/12 19:36	
Lead	**3.5**	1.0	NA	1	B2A0014	01/03/2012	01/03/12 19:36	
Molybdenum	ND	1.0	NA	1	B2A0014	01/03/2012	01/03/12 19:36	
Nickel	**14**	1.0	NA	1	B2A0014	01/03/2012	01/03/12 19:36	
Selenium	ND	1.0	NA	1	B2A0014	01/03/2012	01/03/12 19:36	
Silver	ND	1.0	NA	1	B2A0014	01/03/2012	01/03/12 19:36	
Thallium	ND	1.0	NA	1	B2A0014	01/03/2012	01/03/12 19:36	
Vanadium	**96**	1.0	NA	1	B2A0014	01/03/2012	01/03/12 19:36	
Zinc	**57**	1.0	NA	1	B2A0014	01/03/2012	01/03/12 19:36	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G42-0.5
Lab ID: 1100837-62

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0014	01/03/2012	01/03/12 19:38	
Arsenic	**7.9**	1.0	NA	1	B2A0014	01/03/2012	01/03/12 19:38	
Barium	**300**	1.0	NA	1	B2A0014	01/03/2012	01/03/12 19:38	
Beryllium	ND	1.0	NA	1	B2A0014	01/03/2012	01/03/12 19:38	
Cadmium	ND	1.0	NA	1	B2A0014	01/03/2012	01/03/12 19:38	
Chromium	**43**	1.0	NA	1	B2A0014	01/03/2012	01/03/12 19:38	
Cobalt	**23**	1.0	NA	1	B2A0014	01/03/2012	01/03/12 19:38	
Copper	**57**	2.0	NA	1	B2A0014	01/03/2012	01/03/12 19:38	
Lead	**8.9**	1.0	NA	1	B2A0014	01/03/2012	01/03/12 19:38	
Molybdenum	ND	1.0	NA	1	B2A0014	01/03/2012	01/03/12 19:38	
Nickel	**62**	1.0	NA	1	B2A0014	01/03/2012	01/03/12 19:38	
Selenium	ND	1.0	NA	1	B2A0014	01/03/2012	01/03/12 19:38	
Silver	ND	1.0	NA	1	B2A0014	01/03/2012	01/03/12 19:38	
Thallium	ND	1.0	NA	1	B2A0014	01/03/2012	01/03/12 19:38	
Vanadium	**48**	1.0	NA	1	B2A0014	01/03/2012	01/03/12 19:38	
Zinc	**92**	1.0	NA	1	B2A0014	01/03/2012	01/03/12 19:38	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G42-1.5
Lab ID: 1100837-63

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0014	01/03/2012	01/03/12 19:39	
Arsenic	**8.5**	1.0	NA	1	B2A0014	01/03/2012	01/03/12 19:39	
Barium	**310**	1.0	NA	1	B2A0014	01/03/2012	01/03/12 19:39	
Beryllium	ND	1.0	NA	1	B2A0014	01/03/2012	01/03/12 19:39	
Cadmium	ND	1.0	NA	1	B2A0014	01/03/2012	01/03/12 19:39	
Chromium	**41**	1.0	NA	1	B2A0014	01/03/2012	01/03/12 19:39	
Cobalt	**18**	1.0	NA	1	B2A0014	01/03/2012	01/03/12 19:39	
Copper	**60**	2.0	NA	1	B2A0014	01/03/2012	01/03/12 19:39	
Lead	**9.7**	1.0	NA	1	B2A0014	01/03/2012	01/03/12 19:39	
Molybdenum	ND	1.0	NA	1	B2A0014	01/03/2012	01/03/12 19:39	
Nickel	**55**	1.0	NA	1	B2A0014	01/03/2012	01/03/12 19:39	
Selenium	ND	1.0	NA	1	B2A0014	01/03/2012	01/03/12 19:39	
Silver	ND	1.0	NA	1	B2A0014	01/03/2012	01/03/12 19:39	
Thallium	ND	1.0	NA	1	B2A0014	01/03/2012	01/03/12 19:39	
Vanadium	**45**	1.0	NA	1	B2A0014	01/03/2012	01/03/12 19:39	
Zinc	**89**	1.0	NA	1	B2A0014	01/03/2012	01/03/12 19:39	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G42-2.5
Lab ID: 1100837-64

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0014	01/03/2012	01/03/12 19:45	
Arsenic	**10**	1.0	NA	1	B2A0014	01/03/2012	01/03/12 19:45	
Barium	**510**	1.0	NA	1	B2A0014	01/03/2012	01/03/12 19:45	
Beryllium	ND	1.0	NA	1	B2A0014	01/03/2012	01/03/12 19:45	
Cadmium	ND	1.0	NA	1	B2A0014	01/03/2012	01/03/12 19:45	
Chromium	**38**	1.0	NA	1	B2A0014	01/03/2012	01/03/12 19:45	
Cobalt	**20**	1.0	NA	1	B2A0014	01/03/2012	01/03/12 19:45	
Copper	**54**	2.0	NA	1	B2A0014	01/03/2012	01/03/12 19:45	
Lead	**8.7**	1.0	NA	1	B2A0014	01/03/2012	01/03/12 19:45	
Molybdenum	ND	1.0	NA	1	B2A0014	01/03/2012	01/03/12 19:45	
Nickel	**52**	1.0	NA	1	B2A0014	01/03/2012	01/03/12 19:45	
Selenium	ND	1.0	NA	1	B2A0014	01/03/2012	01/03/12 19:45	
Silver	ND	1.0	NA	1	B2A0014	01/03/2012	01/03/12 19:45	
Thallium	ND	1.0	NA	1	B2A0014	01/03/2012	01/03/12 19:45	
Vanadium	**41**	1.0	NA	1	B2A0014	01/03/2012	01/03/12 19:45	
Zinc	**77**	1.0	NA	1	B2A0014	01/03/2012	01/03/12 19:45	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G43-0

Lab ID: 1100837-65

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0014	01/03/2012	01/03/12 19:46	
Arsenic	**8.4**	1.0	NA	1	B2A0014	01/03/2012	01/03/12 19:46	
Barium	**220**	1.0	NA	1	B2A0014	01/03/2012	01/03/12 19:46	
Beryllium	ND	1.0	NA	1	B2A0014	01/03/2012	01/03/12 19:46	
Cadmium	ND	1.0	NA	1	B2A0014	01/03/2012	01/03/12 19:46	
Chromium	**44**	1.0	NA	1	B2A0014	01/03/2012	01/03/12 19:46	
Cobalt	**19**	1.0	NA	1	B2A0014	01/03/2012	01/03/12 19:46	
Copper	**62**	2.0	NA	1	B2A0014	01/03/2012	01/03/12 19:46	
Lead	**7.3**	1.0	NA	1	B2A0014	01/03/2012	01/03/12 19:46	
Molybdenum	ND	1.0	NA	1	B2A0014	01/03/2012	01/03/12 19:46	
Nickel	**58**	1.0	NA	1	B2A0014	01/03/2012	01/03/12 19:46	
Selenium	ND	1.0	NA	1	B2A0014	01/03/2012	01/03/12 19:46	
Silver	ND	1.0	NA	1	B2A0014	01/03/2012	01/03/12 19:46	
Thallium	ND	1.0	NA	1	B2A0014	01/03/2012	01/03/12 19:46	
Vanadium	**44**	1.0	NA	1	B2A0014	01/03/2012	01/03/12 19:46	
Zinc	**89**	1.0	NA	1	B2A0014	01/03/2012	01/03/12 19:46	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G43-0.5
Lab ID: 1100837-66

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0014	01/03/2012	01/03/12 19:48	
Arsenic	**7.3**	1.0	NA	1	B2A0014	01/03/2012	01/03/12 19:48	
Barium	**280**	1.0	NA	1	B2A0014	01/03/2012	01/03/12 19:48	
Beryllium	ND	1.0	NA	1	B2A0014	01/03/2012	01/03/12 19:48	
Cadmium	ND	1.0	NA	1	B2A0014	01/03/2012	01/03/12 19:48	
Chromium	**36**	1.0	NA	1	B2A0014	01/03/2012	01/03/12 19:48	
Cobalt	**16**	1.0	NA	1	B2A0014	01/03/2012	01/03/12 19:48	
Copper	**50**	2.0	NA	1	B2A0014	01/03/2012	01/03/12 19:48	
Lead	**10**	1.0	NA	1	B2A0014	01/03/2012	01/03/12 19:48	
Molybdenum	ND	1.0	NA	1	B2A0014	01/03/2012	01/03/12 19:48	
Nickel	**51**	1.0	NA	1	B2A0014	01/03/2012	01/03/12 19:48	
Selenium	ND	1.0	NA	1	B2A0014	01/03/2012	01/03/12 19:48	
Silver	ND	1.0	NA	1	B2A0014	01/03/2012	01/03/12 19:48	
Thallium	ND	1.0	NA	1	B2A0014	01/03/2012	01/03/12 19:48	
Vanadium	**38**	1.0	NA	1	B2A0014	01/03/2012	01/03/12 19:48	
Zinc	**77**	1.0	NA	1	B2A0014	01/03/2012	01/03/12 19:48	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G43-1.5
Lab ID: 1100837-67

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0014	01/03/2012	01/03/12 19:50	
Arsenic	**9.3**	1.0	NA	1	B2A0014	01/03/2012	01/03/12 19:50	
Barium	**210**	1.0	NA	1	B2A0014	01/03/2012	01/03/12 19:50	
Beryllium	ND	1.0	NA	1	B2A0014	01/03/2012	01/03/12 19:50	
Cadmium	ND	1.0	NA	1	B2A0014	01/03/2012	01/03/12 19:50	
Chromium	**45**	1.0	NA	1	B2A0014	01/03/2012	01/03/12 19:50	
Cobalt	**17**	1.0	NA	1	B2A0014	01/03/2012	01/03/12 19:50	
Copper	**63**	2.0	NA	1	B2A0014	01/03/2012	01/03/12 19:50	
Lead	**8.6**	1.0	NA	1	B2A0014	01/03/2012	01/03/12 19:50	
Molybdenum	ND	1.0	NA	1	B2A0014	01/03/2012	01/03/12 19:50	
Nickel	**57**	1.0	NA	1	B2A0014	01/03/2012	01/03/12 19:50	
Selenium	ND	1.0	NA	1	B2A0014	01/03/2012	01/03/12 19:50	
Silver	ND	1.0	NA	1	B2A0014	01/03/2012	01/03/12 19:50	
Thallium	ND	1.0	NA	1	B2A0014	01/03/2012	01/03/12 19:50	
Vanadium	**51**	1.0	NA	1	B2A0014	01/03/2012	01/03/12 19:50	
Zinc	**92**	1.0	NA	1	B2A0014	01/03/2012	01/03/12 19:50	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G43-2.5
Lab ID: 1100837-68

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0014	01/03/2012	01/03/12 19:51	
Arsenic	**7.0**	1.0	NA	1	B2A0014	01/03/2012	01/03/12 19:51	
Barium	**190**	1.0	NA	1	B2A0014	01/03/2012	01/03/12 19:51	
Beryllium	ND	1.0	NA	1	B2A0014	01/03/2012	01/03/12 19:51	
Cadmium	ND	1.0	NA	1	B2A0014	01/03/2012	01/03/12 19:51	
Chromium	**40**	1.0	NA	1	B2A0014	01/03/2012	01/03/12 19:51	
Cobalt	**17**	1.0	NA	1	B2A0014	01/03/2012	01/03/12 19:51	
Copper	**58**	2.0	NA	1	B2A0014	01/03/2012	01/03/12 19:51	
Lead	**8.1**	1.0	NA	1	B2A0014	01/03/2012	01/03/12 19:51	
Molybdenum	ND	1.0	NA	1	B2A0014	01/03/2012	01/03/12 19:51	
Nickel	**53**	1.0	NA	1	B2A0014	01/03/2012	01/03/12 19:51	
Selenium	ND	1.0	NA	1	B2A0014	01/03/2012	01/03/12 19:51	
Silver	ND	1.0	NA	1	B2A0014	01/03/2012	01/03/12 19:51	
Thallium	ND	1.0	NA	1	B2A0014	01/03/2012	01/03/12 19:51	
Vanadium	**42**	1.0	NA	1	B2A0014	01/03/2012	01/03/12 19:51	
Zinc	**84**	1.0	NA	1	B2A0014	01/03/2012	01/03/12 19:51	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G44-0

Lab ID: 1100837-69

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0014	01/03/2012	01/03/12 19:53	
Arsenic	**6.9**	1.0	NA	1	B2A0014	01/03/2012	01/03/12 19:53	
Barium	**190**	1.0	NA	1	B2A0014	01/03/2012	01/03/12 19:53	
Beryllium	ND	1.0	NA	1	B2A0014	01/03/2012	01/03/12 19:53	
Cadmium	ND	1.0	NA	1	B2A0014	01/03/2012	01/03/12 19:53	
Chromium	**41**	1.0	NA	1	B2A0014	01/03/2012	01/03/12 19:53	
Cobalt	**13**	1.0	NA	1	B2A0014	01/03/2012	01/03/12 19:53	
Copper	**61**	2.0	NA	1	B2A0014	01/03/2012	01/03/12 19:53	
Lead	**7.7**	1.0	NA	1	B2A0014	01/03/2012	01/03/12 19:53	
Molybdenum	ND	1.0	NA	1	B2A0014	01/03/2012	01/03/12 19:53	
Nickel	**51**	1.0	NA	1	B2A0014	01/03/2012	01/03/12 19:53	
Selenium	ND	1.0	NA	1	B2A0014	01/03/2012	01/03/12 19:53	
Silver	ND	1.0	NA	1	B2A0014	01/03/2012	01/03/12 19:53	
Thallium	ND	1.0	NA	1	B2A0014	01/03/2012	01/03/12 19:53	
Vanadium	**42**	1.0	NA	1	B2A0014	01/03/2012	01/03/12 19:53	
Zinc	**87**	1.0	NA	1	B2A0014	01/03/2012	01/03/12 19:53	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G44-0.5
Lab ID: 1100837-70

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0014	01/03/2012	01/03/12 19:54	
Arsenic	**8.0**	1.0	NA	1	B2A0014	01/03/2012	01/03/12 19:54	
Barium	**220**	1.0	NA	1	B2A0014	01/03/2012	01/03/12 19:54	
Beryllium	ND	1.0	NA	1	B2A0014	01/03/2012	01/03/12 19:54	
Cadmium	ND	1.0	NA	1	B2A0014	01/03/2012	01/03/12 19:54	
Chromium	**44**	1.0	NA	1	B2A0014	01/03/2012	01/03/12 19:54	
Cobalt	**19**	1.0	NA	1	B2A0014	01/03/2012	01/03/12 19:54	
Copper	**59**	2.0	NA	1	B2A0014	01/03/2012	01/03/12 19:54	
Lead	**7.5**	1.0	NA	1	B2A0014	01/03/2012	01/03/12 19:54	
Molybdenum	ND	1.0	NA	1	B2A0014	01/03/2012	01/03/12 19:54	
Nickel	**57**	1.0	NA	1	B2A0014	01/03/2012	01/03/12 19:54	
Selenium	ND	1.0	NA	1	B2A0014	01/03/2012	01/03/12 19:54	
Silver	ND	1.0	NA	1	B2A0014	01/03/2012	01/03/12 19:54	
Thallium	ND	1.0	NA	1	B2A0014	01/03/2012	01/03/12 19:54	
Vanadium	**44**	1.0	NA	1	B2A0014	01/03/2012	01/03/12 19:54	
Zinc	**88**	1.0	NA	1	B2A0014	01/03/2012	01/03/12 19:54	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G44-1.5
Lab ID: 1100837-71

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0015	01/03/2012	01/03/12 20:09	
Arsenic	**8.8**	1.0	NA	1	B2A0015	01/03/2012	01/03/12 20:09	
Barium	**240**	1.0	NA	1	B2A0015	01/03/2012	01/03/12 20:09	
Beryllium	ND	1.0	NA	1	B2A0015	01/03/2012	01/03/12 20:09	
Cadmium	ND	1.0	NA	1	B2A0015	01/03/2012	01/03/12 20:09	
Chromium	**41**	1.0	NA	1	B2A0015	01/03/2012	01/03/12 20:09	
Cobalt	**19**	1.0	NA	1	B2A0015	01/03/2012	01/03/12 20:09	
Copper	**64**	2.0	NA	1	B2A0015	01/03/2012	01/03/12 20:09	
Lead	**9.4**	1.0	NA	1	B2A0015	01/03/2012	01/03/12 20:09	
Molybdenum	ND	1.0	NA	1	B2A0015	01/03/2012	01/03/12 20:09	
Nickel	**55**	1.0	NA	1	B2A0015	01/03/2012	01/03/12 20:09	
Selenium	ND	1.0	NA	1	B2A0015	01/03/2012	01/03/12 20:09	
Silver	ND	1.0	NA	1	B2A0015	01/03/2012	01/03/12 20:09	
Thallium	ND	1.0	NA	1	B2A0015	01/03/2012	01/03/12 20:09	
Vanadium	**46**	1.0	NA	1	B2A0015	01/03/2012	01/03/12 20:09	
Zinc	**85**	1.0	NA	1	B2A0015	01/03/2012	01/03/12 20:09	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G44-2.5
Lab ID: 1100837-72

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0015	01/03/2012	01/03/12 20:11	
Arsenic	**8.9**	1.0	NA	1	B2A0015	01/03/2012	01/03/12 20:11	
Barium	**210**	1.0	NA	1	B2A0015	01/03/2012	01/03/12 20:11	
Beryllium	ND	1.0	NA	1	B2A0015	01/03/2012	01/03/12 20:11	
Cadmium	ND	1.0	NA	1	B2A0015	01/03/2012	01/03/12 20:11	
Chromium	**40**	1.0	NA	1	B2A0015	01/03/2012	01/03/12 20:11	
Cobalt	**16**	1.0	NA	1	B2A0015	01/03/2012	01/03/12 20:11	
Copper	**57**	2.0	NA	1	B2A0015	01/03/2012	01/03/12 20:11	
Lead	**8.8**	1.0	NA	1	B2A0015	01/03/2012	01/03/12 20:11	
Molybdenum	ND	1.0	NA	1	B2A0015	01/03/2012	01/03/12 20:11	
Nickel	**49**	1.0	NA	1	B2A0015	01/03/2012	01/03/12 20:11	
Selenium	ND	1.0	NA	1	B2A0015	01/03/2012	01/03/12 20:11	
Silver	ND	1.0	NA	1	B2A0015	01/03/2012	01/03/12 20:11	
Thallium	ND	1.0	NA	1	B2A0015	01/03/2012	01/03/12 20:11	
Vanadium	**45**	1.0	NA	1	B2A0015	01/03/2012	01/03/12 20:11	
Zinc	**75**	1.0	NA	1	B2A0015	01/03/2012	01/03/12 20:11	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G47-0

Lab ID: 1100837-73

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0015	01/03/2012	01/03/12 20:12	
Arsenic	ND	1.0	NA	1	B2A0015	01/03/2012	01/03/12 20:12	
Barium	**25**	1.0	NA	1	B2A0015	01/03/2012	01/03/12 20:12	
Beryllium	ND	1.0	NA	1	B2A0015	01/03/2012	01/03/12 20:12	
Cadmium	ND	1.0	NA	1	B2A0015	01/03/2012	01/03/12 20:12	
Chromium	**13**	1.0	NA	1	B2A0015	01/03/2012	01/03/12 20:12	
Cobalt	**20**	1.0	NA	1	B2A0015	01/03/2012	01/03/12 20:12	
Copper	**40**	2.0	NA	1	B2A0015	01/03/2012	01/03/12 20:12	
Lead	**4.9**	1.0	NA	1	B2A0015	01/03/2012	01/03/12 20:12	
Molybdenum	ND	1.0	NA	1	B2A0015	01/03/2012	01/03/12 20:12	
Nickel	**15**	1.0	NA	1	B2A0015	01/03/2012	01/03/12 20:12	
Selenium	ND	1.0	NA	1	B2A0015	01/03/2012	01/03/12 20:12	
Silver	ND	1.0	NA	1	B2A0015	01/03/2012	01/03/12 20:12	
Thallium	ND	1.0	NA	1	B2A0015	01/03/2012	01/03/12 20:12	
Vanadium	**120**	1.0	NA	1	B2A0015	01/03/2012	01/03/12 20:12	
Zinc	**66**	1.0	NA	1	B2A0015	01/03/2012	01/03/12 20:12	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G47-0.5
Lab ID: 1100837-74

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0015	01/03/2012	01/03/12 20:14	
Arsenic	ND	1.0	NA	1	B2A0015	01/03/2012	01/03/12 20:14	
Barium	**26**	1.0	NA	1	B2A0015	01/03/2012	01/03/12 20:14	
Beryllium	ND	1.0	NA	1	B2A0015	01/03/2012	01/03/12 20:14	
Cadmium	ND	1.0	NA	1	B2A0015	01/03/2012	01/03/12 20:14	
Chromium	**14**	1.0	NA	1	B2A0015	01/03/2012	01/03/12 20:14	
Cobalt	**18**	1.0	NA	1	B2A0015	01/03/2012	01/03/12 20:14	
Copper	**48**	2.0	NA	1	B2A0015	01/03/2012	01/03/12 20:14	
Lead	ND	1.0	NA	1	B2A0015	01/03/2012	01/03/12 20:14	
Molybdenum	ND	1.0	NA	1	B2A0015	01/03/2012	01/03/12 20:14	
Nickel	**12**	1.0	NA	1	B2A0015	01/03/2012	01/03/12 20:14	
Selenium	ND	1.0	NA	1	B2A0015	01/03/2012	01/03/12 20:14	
Silver	ND	1.0	NA	1	B2A0015	01/03/2012	01/03/12 20:14	
Thallium	ND	1.0	NA	1	B2A0015	01/03/2012	01/03/12 20:14	
Vanadium	**120**	1.0	NA	1	B2A0015	01/03/2012	01/03/12 20:14	
Zinc	**48**	1.0	NA	1	B2A0015	01/03/2012	01/03/12 20:14	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G47-1.5
Lab ID: 1100837-75

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0015	01/03/2012	01/03/12 20:15	
Arsenic	ND	1.0	NA	1	B2A0015	01/03/2012	01/03/12 20:15	
Barium	**10**	1.0	NA	1	B2A0015	01/03/2012	01/03/12 20:15	
Beryllium	ND	1.0	NA	1	B2A0015	01/03/2012	01/03/12 20:15	
Cadmium	ND	1.0	NA	1	B2A0015	01/03/2012	01/03/12 20:15	
Chromium	**12**	1.0	NA	1	B2A0015	01/03/2012	01/03/12 20:15	
Cobalt	**20**	1.0	NA	1	B2A0015	01/03/2012	01/03/12 20:15	
Copper	**37**	2.0	NA	1	B2A0015	01/03/2012	01/03/12 20:15	
Lead	ND	1.0	NA	1	B2A0015	01/03/2012	01/03/12 20:15	
Molybdenum	ND	1.0	NA	1	B2A0015	01/03/2012	01/03/12 20:15	
Nickel	**13**	1.0	NA	1	B2A0015	01/03/2012	01/03/12 20:15	
Selenium	ND	1.0	NA	1	B2A0015	01/03/2012	01/03/12 20:15	
Silver	ND	1.0	NA	1	B2A0015	01/03/2012	01/03/12 20:15	
Thallium	ND	1.0	NA	1	B2A0015	01/03/2012	01/03/12 20:15	
Vanadium	**150**	1.0	NA	1	B2A0015	01/03/2012	01/03/12 20:15	
Zinc	**51**	1.0	NA	1	B2A0015	01/03/2012	01/03/12 20:15	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G47-2.5
Lab ID: 1100837-76

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0015	01/03/2012	01/03/12 20:17	
Arsenic	ND	1.0	NA	1	B2A0015	01/03/2012	01/03/12 20:17	
Barium	**15**	1.0	NA	1	B2A0015	01/03/2012	01/03/12 20:17	
Beryllium	ND	1.0	NA	1	B2A0015	01/03/2012	01/03/12 20:17	
Cadmium	ND	1.0	NA	1	B2A0015	01/03/2012	01/03/12 20:17	
Chromium	**11**	1.0	NA	1	B2A0015	01/03/2012	01/03/12 20:17	
Cobalt	**18**	1.0	NA	1	B2A0015	01/03/2012	01/03/12 20:17	
Copper	**29**	2.0	NA	1	B2A0015	01/03/2012	01/03/12 20:17	
Lead	ND	1.0	NA	1	B2A0015	01/03/2012	01/03/12 20:17	
Molybdenum	ND	1.0	NA	1	B2A0015	01/03/2012	01/03/12 20:17	
Nickel	**12**	1.0	NA	1	B2A0015	01/03/2012	01/03/12 20:17	
Selenium	ND	1.0	NA	1	B2A0015	01/03/2012	01/03/12 20:17	
Silver	ND	1.0	NA	1	B2A0015	01/03/2012	01/03/12 20:17	
Thallium	ND	1.0	NA	1	B2A0015	01/03/2012	01/03/12 20:17	
Vanadium	**130**	1.0	NA	1	B2A0015	01/03/2012	01/03/12 20:17	
Zinc	**50**	1.0	NA	1	B2A0015	01/03/2012	01/03/12 20:17	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G48-0

Lab ID: 1100837-77

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0015	01/03/2012	01/03/12 20:19	
Arsenic	ND	1.0	NA	1	B2A0015	01/03/2012	01/03/12 20:19	
Barium	**14**	1.0	NA	1	B2A0015	01/03/2012	01/03/12 20:19	
Beryllium	ND	1.0	NA	1	B2A0015	01/03/2012	01/03/12 20:19	
Cadmium	ND	1.0	NA	1	B2A0015	01/03/2012	01/03/12 20:19	
Chromium	**8.7**	1.0	NA	1	B2A0015	01/03/2012	01/03/12 20:19	
Cobalt	**17**	1.0	NA	1	B2A0015	01/03/2012	01/03/12 20:19	
Copper	**31**	2.0	NA	1	B2A0015	01/03/2012	01/03/12 20:19	
Lead	ND	1.0	NA	1	B2A0015	01/03/2012	01/03/12 20:19	
Molybdenum	ND	1.0	NA	1	B2A0015	01/03/2012	01/03/12 20:19	
Nickel	**11**	1.0	NA	1	B2A0015	01/03/2012	01/03/12 20:19	
Selenium	ND	1.0	NA	1	B2A0015	01/03/2012	01/03/12 20:19	
Silver	ND	1.0	NA	1	B2A0015	01/03/2012	01/03/12 20:19	
Thallium	ND	1.0	NA	1	B2A0015	01/03/2012	01/03/12 20:19	
Vanadium	**110**	1.0	NA	1	B2A0015	01/03/2012	01/03/12 20:19	
Zinc	**59**	1.0	NA	1	B2A0015	01/03/2012	01/03/12 20:19	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G48-0.5
Lab ID: 1100837-78

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0015	01/03/2012	01/03/12 20:20	
Arsenic	ND	1.0	NA	1	B2A0015	01/03/2012	01/03/12 20:20	
Barium	**98**	1.0	NA	1	B2A0015	01/03/2012	01/03/12 20:20	
Beryllium	ND	1.0	NA	1	B2A0015	01/03/2012	01/03/12 20:20	
Cadmium	ND	1.0	NA	1	B2A0015	01/03/2012	01/03/12 20:20	
Chromium	**13**	1.0	NA	1	B2A0015	01/03/2012	01/03/12 20:20	
Cobalt	**15**	1.0	NA	1	B2A0015	01/03/2012	01/03/12 20:20	
Copper	**35**	2.0	NA	1	B2A0015	01/03/2012	01/03/12 20:20	
Lead	ND	1.0	NA	1	B2A0015	01/03/2012	01/03/12 20:20	
Molybdenum	ND	1.0	NA	1	B2A0015	01/03/2012	01/03/12 20:20	
Nickel	**16**	1.0	NA	1	B2A0015	01/03/2012	01/03/12 20:20	
Selenium	ND	1.0	NA	1	B2A0015	01/03/2012	01/03/12 20:20	
Silver	ND	1.0	NA	1	B2A0015	01/03/2012	01/03/12 20:20	
Thallium	ND	1.0	NA	1	B2A0015	01/03/2012	01/03/12 20:20	
Vanadium	**130**	1.0	NA	1	B2A0015	01/03/2012	01/03/12 20:20	
Zinc	**48**	1.0	NA	1	B2A0015	01/03/2012	01/03/12 20:20	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G48-1.5
Lab ID: 1100837-79

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0015	01/03/2012	01/03/12 20:26	
Arsenic	**9.3**	1.0	NA	1	B2A0015	01/03/2012	01/03/12 20:26	
Barium	**160**	1.0	NA	1	B2A0015	01/03/2012	01/03/12 20:26	
Beryllium	ND	1.0	NA	1	B2A0015	01/03/2012	01/03/12 20:26	
Cadmium	ND	1.0	NA	1	B2A0015	01/03/2012	01/03/12 20:26	
Chromium	**37**	1.0	NA	1	B2A0015	01/03/2012	01/03/12 20:26	
Cobalt	**17**	1.0	NA	1	B2A0015	01/03/2012	01/03/12 20:26	
Copper	**51**	2.0	NA	1	B2A0015	01/03/2012	01/03/12 20:26	
Lead	**8.1**	1.0	NA	1	B2A0015	01/03/2012	01/03/12 20:26	
Molybdenum	ND	1.0	NA	1	B2A0015	01/03/2012	01/03/12 20:26	
Nickel	**49**	1.0	NA	1	B2A0015	01/03/2012	01/03/12 20:26	
Selenium	ND	1.0	NA	1	B2A0015	01/03/2012	01/03/12 20:26	
Silver	ND	1.0	NA	1	B2A0015	01/03/2012	01/03/12 20:26	
Thallium	ND	1.0	NA	1	B2A0015	01/03/2012	01/03/12 20:26	
Vanadium	**42**	1.0	NA	1	B2A0015	01/03/2012	01/03/12 20:26	
Zinc	**76**	1.0	NA	1	B2A0015	01/03/2012	01/03/12 20:26	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G48-2.5
Lab ID: 1100837-80

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0015	01/03/2012	01/03/12 20:28	
Arsenic	**9.2**	1.0	NA	1	B2A0015	01/03/2012	01/03/12 20:28	
Barium	**330**	1.0	NA	1	B2A0015	01/03/2012	01/03/12 20:28	
Beryllium	ND	1.0	NA	1	B2A0015	01/03/2012	01/03/12 20:28	
Cadmium	ND	1.0	NA	1	B2A0015	01/03/2012	01/03/12 20:28	
Chromium	**39**	1.0	NA	1	B2A0015	01/03/2012	01/03/12 20:28	
Cobalt	**21**	1.0	NA	1	B2A0015	01/03/2012	01/03/12 20:28	
Copper	**61**	2.0	NA	1	B2A0015	01/03/2012	01/03/12 20:28	
Lead	**9.7**	1.0	NA	1	B2A0015	01/03/2012	01/03/12 20:28	
Molybdenum	ND	1.0	NA	1	B2A0015	01/03/2012	01/03/12 20:28	
Nickel	**59**	1.0	NA	1	B2A0015	01/03/2012	01/03/12 20:28	
Selenium	ND	1.0	NA	1	B2A0015	01/03/2012	01/03/12 20:28	
Silver	ND	1.0	NA	1	B2A0015	01/03/2012	01/03/12 20:28	
Thallium	ND	1.0	NA	1	B2A0015	01/03/2012	01/03/12 20:28	
Vanadium	**42**	1.0	NA	1	B2A0015	01/03/2012	01/03/12 20:28	
Zinc	**85**	1.0	NA	1	B2A0015	01/03/2012	01/03/12 20:28	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G49-0

Lab ID: 1100837-81

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0016	01/03/2012	01/03/12 20:38	
Arsenic	**7.7**	1.0	NA	1	B2A0016	01/03/2012	01/03/12 20:38	
Barium	**190**	1.0	NA	1	B2A0016	01/03/2012	01/03/12 20:38	
Beryllium	ND	1.0	NA	1	B2A0016	01/03/2012	01/03/12 20:38	
Cadmium	ND	1.0	NA	1	B2A0016	01/03/2012	01/03/12 20:38	
Chromium	**40**	1.0	NA	1	B2A0016	01/03/2012	01/03/12 20:38	
Cobalt	**16**	1.0	NA	1	B2A0016	01/03/2012	01/03/12 20:38	
Copper	**53**	2.0	NA	1	B2A0016	01/03/2012	01/03/12 20:38	
Lead	**8.6**	1.0	NA	1	B2A0016	01/03/2012	01/03/12 20:38	
Molybdenum	ND	1.0	NA	1	B2A0016	01/03/2012	01/03/12 20:38	
Nickel	**45**	1.0	NA	1	B2A0016	01/03/2012	01/03/12 20:38	
Selenium	ND	1.0	NA	1	B2A0016	01/03/2012	01/03/12 20:38	
Silver	ND	1.0	NA	1	B2A0016	01/03/2012	01/03/12 20:38	
Thallium	ND	1.0	NA	1	B2A0016	01/03/2012	01/03/12 20:38	
Vanadium	**50**	1.0	NA	1	B2A0016	01/03/2012	01/03/12 20:38	
Zinc	**69**	1.0	NA	1	B2A0016	01/03/2012	01/03/12 20:38	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G49-0.5
Lab ID: 1100837-82

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	20	NA	10	B2A0016	01/03/2012	01/04/12 09:47	D5
Arsenic	**20**	10	NA	10	B2A0016	01/03/2012	01/04/12 09:47	D5
Barium	**1000**	10	NA	10	B2A0016	01/03/2012	01/04/12 09:47	D5
Beryllium	ND	10	NA	10	B2A0016	01/03/2012	01/04/12 09:47	D5
Cadmium	ND	10	NA	10	B2A0016	01/03/2012	01/04/12 09:47	D5
Chromium	**40**	10	NA	10	B2A0016	01/03/2012	01/04/12 09:47	D5
Cobalt	**23**	10	NA	10	B2A0016	01/03/2012	01/04/12 09:47	D5
Copper	**53**	20	NA	10	B2A0016	01/03/2012	01/04/12 09:47	D5
Lead	**11**	10	NA	10	B2A0016	01/03/2012	01/04/12 09:47	D5
Molybdenum	ND	10	NA	10	B2A0016	01/03/2012	01/04/12 09:47	D5
Nickel	**58**	10	NA	10	B2A0016	01/03/2012	01/04/12 09:47	D5
Selenium	ND	10	NA	10	B2A0016	01/03/2012	01/04/12 09:47	D5
Silver	ND	10	NA	10	B2A0016	01/03/2012	01/04/12 09:47	D5
Thallium	ND	10	NA	10	B2A0016	01/03/2012	01/04/12 09:47	D5
Vanadium	**42**	10	NA	10	B2A0016	01/03/2012	01/04/12 09:47	D5
Zinc	**92**	10	NA	10	B2A0016	01/03/2012	01/04/12 09:47	D5

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G49-1.5
Lab ID: 1100837-83

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0016	01/03/2012	01/03/12 20:41	
Arsenic	**6.2**	1.0	NA	1	B2A0016	01/03/2012	01/03/12 20:41	
Barium	**160**	1.0	NA	1	B2A0016	01/03/2012	01/03/12 20:41	
Beryllium	ND	1.0	NA	1	B2A0016	01/03/2012	01/03/12 20:41	
Cadmium	ND	1.0	NA	1	B2A0016	01/03/2012	01/03/12 20:41	
Chromium	**40**	1.0	NA	1	B2A0016	01/03/2012	01/03/12 20:41	
Cobalt	**15**	1.0	NA	1	B2A0016	01/03/2012	01/03/12 20:41	
Copper	**58**	2.0	NA	1	B2A0016	01/03/2012	01/03/12 20:41	
Lead	**7.8**	1.0	NA	1	B2A0016	01/03/2012	01/03/12 20:41	
Molybdenum	ND	1.0	NA	1	B2A0016	01/03/2012	01/03/12 20:41	
Nickel	**54**	1.0	NA	1	B2A0016	01/03/2012	01/03/12 20:41	
Selenium	ND	1.0	NA	1	B2A0016	01/03/2012	01/03/12 20:41	
Silver	ND	1.0	NA	1	B2A0016	01/03/2012	01/03/12 20:41	
Thallium	ND	1.0	NA	1	B2A0016	01/03/2012	01/03/12 20:41	
Vanadium	**41**	1.0	NA	1	B2A0016	01/03/2012	01/03/12 20:41	
Zinc	**84**	1.0	NA	1	B2A0016	01/03/2012	01/03/12 20:41	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G49-2.5
Lab ID: 1100837-84

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0016	01/03/2012	01/03/12 20:47	
Arsenic	**5.9**	1.0	NA	1	B2A0016	01/03/2012	01/03/12 20:47	
Barium	**220**	1.0	NA	1	B2A0016	01/03/2012	01/03/12 20:47	
Beryllium	ND	1.0	NA	1	B2A0016	01/03/2012	01/03/12 20:47	
Cadmium	ND	1.0	NA	1	B2A0016	01/03/2012	01/03/12 20:47	
Chromium	**35**	1.0	NA	1	B2A0016	01/03/2012	01/03/12 20:47	
Cobalt	**16**	1.0	NA	1	B2A0016	01/03/2012	01/03/12 20:47	
Copper	**50**	2.0	NA	1	B2A0016	01/03/2012	01/03/12 20:47	
Lead	**7.0**	1.0	NA	1	B2A0016	01/03/2012	01/03/12 20:47	
Molybdenum	ND	1.0	NA	1	B2A0016	01/03/2012	01/03/12 20:47	
Nickel	**51**	1.0	NA	1	B2A0016	01/03/2012	01/03/12 20:47	
Selenium	ND	1.0	NA	1	B2A0016	01/03/2012	01/03/12 20:47	
Silver	ND	1.0	NA	1	B2A0016	01/03/2012	01/03/12 20:47	
Thallium	ND	1.0	NA	1	B2A0016	01/03/2012	01/03/12 20:47	
Vanadium	**37**	1.0	NA	1	B2A0016	01/03/2012	01/03/12 20:47	
Zinc	**74**	1.0	NA	1	B2A0016	01/03/2012	01/03/12 20:47	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G52-0

Lab ID: 1100837-85

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0016	01/03/2012	01/03/12 20:49	
Arsenic	**3.9**	1.0	NA	1	B2A0016	01/03/2012	01/03/12 20:49	
Barium	**80**	1.0	NA	1	B2A0016	01/03/2012	01/03/12 20:49	
Beryllium	ND	1.0	NA	1	B2A0016	01/03/2012	01/03/12 20:49	
Cadmium	ND	1.0	NA	1	B2A0016	01/03/2012	01/03/12 20:49	
Chromium	**20**	1.0	NA	1	B2A0016	01/03/2012	01/03/12 20:49	
Cobalt	**9.5**	1.0	NA	1	B2A0016	01/03/2012	01/03/12 20:49	
Copper	**29**	2.0	NA	1	B2A0016	01/03/2012	01/03/12 20:49	
Lead	**31**	1.0	NA	1	B2A0016	01/03/2012	01/03/12 20:49	
Molybdenum	ND	1.0	NA	1	B2A0016	01/03/2012	01/03/12 20:49	
Nickel	**25**	1.0	NA	1	B2A0016	01/03/2012	01/03/12 20:49	
Selenium	ND	1.0	NA	1	B2A0016	01/03/2012	01/03/12 20:49	
Silver	ND	1.0	NA	1	B2A0016	01/03/2012	01/03/12 20:49	
Thallium	ND	1.0	NA	1	B2A0016	01/03/2012	01/03/12 20:49	
Vanadium	**54**	1.0	NA	1	B2A0016	01/03/2012	01/03/12 20:49	
Zinc	**55**	1.0	NA	1	B2A0016	01/03/2012	01/03/12 20:49	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G52-0.5
Lab ID: 1100837-86

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0016	01/03/2012	01/03/12 20:50	
Arsenic	**12**	1.0	NA	1	B2A0016	01/03/2012	01/03/12 20:50	
Barium	**220**	1.0	NA	1	B2A0016	01/03/2012	01/03/12 20:50	
Beryllium	ND	1.0	NA	1	B2A0016	01/03/2012	01/03/12 20:50	
Cadmium	ND	1.0	NA	1	B2A0016	01/03/2012	01/03/12 20:50	
Chromium	**38**	1.0	NA	1	B2A0016	01/03/2012	01/03/12 20:50	
Cobalt	**15**	1.0	NA	1	B2A0016	01/03/2012	01/03/12 20:50	
Copper	**43**	2.0	NA	1	B2A0016	01/03/2012	01/03/12 20:50	
Lead	**8.3**	1.0	NA	1	B2A0016	01/03/2012	01/03/12 20:50	
Molybdenum	ND	1.0	NA	1	B2A0016	01/03/2012	01/03/12 20:50	
Nickel	**60**	1.0	NA	1	B2A0016	01/03/2012	01/03/12 20:50	
Selenium	ND	1.0	NA	1	B2A0016	01/03/2012	01/03/12 20:50	
Silver	ND	1.0	NA	1	B2A0016	01/03/2012	01/03/12 20:50	
Thallium	ND	1.0	NA	1	B2A0016	01/03/2012	01/03/12 20:50	
Vanadium	**53**	1.0	NA	1	B2A0016	01/03/2012	01/03/12 20:50	
Zinc	**60**	1.0	NA	1	B2A0016	01/03/2012	01/03/12 20:50	

Geocon Consultants, Inc.	Project Number : TO-16, E8560-06-16
6671 Brisa Street	Report To : Luann Beadle
Livermore , CA 94550	Reported : 01/04/2012

Client Sample ID G52-1.5
Lab ID: 1100837-87

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0016	01/03/2012	01/03/12 20:52	
Arsenic	ND	1.0	NA	1	B2A0016	01/03/2012	01/03/12 20:52	
Barium	**24**	1.0	NA	1	B2A0016	01/03/2012	01/03/12 20:52	
Beryllium	ND	1.0	NA	1	B2A0016	01/03/2012	01/03/12 20:52	
Cadmium	ND	1.0	NA	1	B2A0016	01/03/2012	01/03/12 20:52	
Chromium	**12**	1.0	NA	1	B2A0016	01/03/2012	01/03/12 20:52	
Cobalt	**13**	1.0	NA	1	B2A0016	01/03/2012	01/03/12 20:52	
Copper	**27**	2.0	NA	1	B2A0016	01/03/2012	01/03/12 20:52	
Lead	ND	1.0	NA	1	B2A0016	01/03/2012	01/03/12 20:52	
Molybdenum	ND	1.0	NA	1	B2A0016	01/03/2012	01/03/12 20:52	
Nickel	**14**	1.0	NA	1	B2A0016	01/03/2012	01/03/12 20:52	
Selenium	ND	1.0	NA	1	B2A0016	01/03/2012	01/03/12 20:52	
Silver	ND	1.0	NA	1	B2A0016	01/03/2012	01/03/12 20:52	
Thallium	ND	1.0	NA	1	B2A0016	01/03/2012	01/03/12 20:52	
Vanadium	**110**	1.0	NA	1	B2A0016	01/03/2012	01/03/12 20:52	
Zinc	**36**	1.0	NA	1	B2A0016	01/03/2012	01/03/12 20:52	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G52-2.5
Lab ID: 1100837-88

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0016	01/03/2012	01/03/12 20:53	
Arsenic	**10**	1.0	NA	1	B2A0016	01/03/2012	01/03/12 20:53	
Barium	**240**	1.0	NA	1	B2A0016	01/03/2012	01/03/12 20:53	
Beryllium	ND	1.0	NA	1	B2A0016	01/03/2012	01/03/12 20:53	
Cadmium	ND	1.0	NA	1	B2A0016	01/03/2012	01/03/12 20:53	
Chromium	**34**	1.0	NA	1	B2A0016	01/03/2012	01/03/12 20:53	
Cobalt	**13**	1.0	NA	1	B2A0016	01/03/2012	01/03/12 20:53	
Copper	**37**	2.0	NA	1	B2A0016	01/03/2012	01/03/12 20:53	
Lead	**6.1**	1.0	NA	1	B2A0016	01/03/2012	01/03/12 20:53	
Molybdenum	ND	1.0	NA	1	B2A0016	01/03/2012	01/03/12 20:53	
Nickel	**58**	1.0	NA	1	B2A0016	01/03/2012	01/03/12 20:53	
Selenium	ND	1.0	NA	1	B2A0016	01/03/2012	01/03/12 20:53	
Silver	ND	1.0	NA	1	B2A0016	01/03/2012	01/03/12 20:53	
Thallium	ND	1.0	NA	1	B2A0016	01/03/2012	01/03/12 20:53	
Vanadium	**47**	1.0	NA	1	B2A0016	01/03/2012	01/03/12 20:53	
Zinc	**51**	1.0	NA	1	B2A0016	01/03/2012	01/03/12 20:53	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G53-0

Lab ID: 1100837-89

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0016	01/03/2012	01/03/12 20:55	
Arsenic	**3.4**	1.0	NA	1	B2A0016	01/03/2012	01/03/12 20:55	
Barium	**79**	1.0	NA	1	B2A0016	01/03/2012	01/03/12 20:55	
Beryllium	ND	1.0	NA	1	B2A0016	01/03/2012	01/03/12 20:55	
Cadmium	ND	1.0	NA	1	B2A0016	01/03/2012	01/03/12 20:55	
Chromium	**25**	1.0	NA	1	B2A0016	01/03/2012	01/03/12 20:55	
Cobalt	**16**	1.0	NA	1	B2A0016	01/03/2012	01/03/12 20:55	
Copper	**40**	2.0	NA	1	B2A0016	01/03/2012	01/03/12 20:55	
Lead	**28**	1.0	NA	1	B2A0016	01/03/2012	01/03/12 20:55	
Molybdenum	ND	1.0	NA	1	B2A0016	01/03/2012	01/03/12 20:55	
Nickel	**28**	1.0	NA	1	B2A0016	01/03/2012	01/03/12 20:55	
Selenium	ND	1.0	NA	1	B2A0016	01/03/2012	01/03/12 20:55	
Silver	ND	1.0	NA	1	B2A0016	01/03/2012	01/03/12 20:55	
Thallium	ND	1.0	NA	1	B2A0016	01/03/2012	01/03/12 20:55	
Vanadium	**97**	1.0	NA	1	B2A0016	01/03/2012	01/03/12 20:55	
Zinc	**85**	1.0	NA	1	B2A0016	01/03/2012	01/03/12 20:55	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G53-0.5
Lab ID: 1100837-90

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0016	01/03/2012	01/03/12 20:57	
Arsenic	**1.8**	1.0	NA	1	B2A0016	01/03/2012	01/03/12 20:57	
Barium	**77**	1.0	NA	1	B2A0016	01/03/2012	01/03/12 20:57	
Beryllium	ND	1.0	NA	1	B2A0016	01/03/2012	01/03/12 20:57	
Cadmium	ND	1.0	NA	1	B2A0016	01/03/2012	01/03/12 20:57	
Chromium	**21**	1.0	NA	1	B2A0016	01/03/2012	01/03/12 20:57	
Cobalt	**13**	1.0	NA	1	B2A0016	01/03/2012	01/03/12 20:57	
Copper	**36**	2.0	NA	1	B2A0016	01/03/2012	01/03/12 20:57	
Lead	**31**	1.0	NA	1	B2A0016	01/03/2012	01/03/12 20:57	
Molybdenum	ND	1.0	NA	1	B2A0016	01/03/2012	01/03/12 20:57	
Nickel	**25**	1.0	NA	1	B2A0016	01/03/2012	01/03/12 20:57	
Selenium	ND	1.0	NA	1	B2A0016	01/03/2012	01/03/12 20:57	
Silver	ND	1.0	NA	1	B2A0016	01/03/2012	01/03/12 20:57	
Thallium	ND	1.0	NA	1	B2A0016	01/03/2012	01/03/12 20:57	
Vanadium	**87**	1.0	NA	1	B2A0016	01/03/2012	01/03/12 20:57	
Zinc	**70**	1.0	NA	1	B2A0016	01/03/2012	01/03/12 20:57	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G53-1.5
Lab ID: 1100837-91

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0017	01/03/2012	01/03/12 21:12	
Arsenic	**3.3**	1.0	NA	1	B2A0017	01/03/2012	01/03/12 21:12	
Barium	**75**	1.0	NA	1	B2A0017	01/03/2012	01/03/12 21:12	
Beryllium	ND	1.0	NA	1	B2A0017	01/03/2012	01/03/12 21:12	
Cadmium	ND	1.0	NA	1	B2A0017	01/03/2012	01/03/12 21:12	
Chromium	**17**	1.0	NA	1	B2A0017	01/03/2012	01/03/12 21:12	
Cobalt	**11**	1.0	NA	1	B2A0017	01/03/2012	01/03/12 21:12	
Copper	**29**	2.0	NA	1	B2A0017	01/03/2012	01/03/12 21:12	
Lead	**27**	1.0	NA	1	B2A0017	01/03/2012	01/03/12 21:12	
Molybdenum	ND	1.0	NA	1	B2A0017	01/03/2012	01/03/12 21:12	
Nickel	**26**	1.0	NA	1	B2A0017	01/03/2012	01/03/12 21:12	
Selenium	ND	1.0	NA	1	B2A0017	01/03/2012	01/03/12 21:12	
Silver	ND	1.0	NA	1	B2A0017	01/03/2012	01/03/12 21:12	
Thallium	ND	1.0	NA	1	B2A0017	01/03/2012	01/03/12 21:12	
Vanadium	**60**	1.0	NA	1	B2A0017	01/03/2012	01/03/12 21:12	
Zinc	**58**	1.0	NA	1	B2A0017	01/03/2012	01/03/12 21:12	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G53-2.5
Lab ID: 1100837-92

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0017	01/03/2012	01/03/12 21:13	
Arsenic	**7.6**	1.0	NA	1	B2A0017	01/03/2012	01/03/12 21:13	
Barium	**120**	1.0	NA	1	B2A0017	01/03/2012	01/03/12 21:13	
Beryllium	ND	1.0	NA	1	B2A0017	01/03/2012	01/03/12 21:13	
Cadmium	ND	1.0	NA	1	B2A0017	01/03/2012	01/03/12 21:13	
Chromium	**32**	1.0	NA	1	B2A0017	01/03/2012	01/03/12 21:13	
Cobalt	**12**	1.0	NA	1	B2A0017	01/03/2012	01/03/12 21:13	
Copper	**34**	2.0	NA	1	B2A0017	01/03/2012	01/03/12 21:13	
Lead	**16**	1.0	NA	1	B2A0017	01/03/2012	01/03/12 21:13	
Molybdenum	ND	1.0	NA	1	B2A0017	01/03/2012	01/03/12 21:13	
Nickel	**51**	1.0	NA	1	B2A0017	01/03/2012	01/03/12 21:13	
Selenium	ND	1.0	NA	1	B2A0017	01/03/2012	01/03/12 21:13	
Silver	ND	1.0	NA	1	B2A0017	01/03/2012	01/03/12 21:13	
Thallium	ND	1.0	NA	1	B2A0017	01/03/2012	01/03/12 21:13	
Vanadium	**53**	1.0	NA	1	B2A0017	01/03/2012	01/03/12 21:13	
Zinc	**55**	1.0	NA	1	B2A0017	01/03/2012	01/03/12 21:13	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G54-0

Lab ID: 1100837-93

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0017	01/03/2012	01/03/12 21:15	
Arsenic	**8.1**	1.0	NA	1	B2A0017	01/03/2012	01/03/12 21:15	
Barium	**140**	1.0	NA	1	B2A0017	01/03/2012	01/03/12 21:15	
Beryllium	ND	1.0	NA	1	B2A0017	01/03/2012	01/03/12 21:15	
Cadmium	ND	1.0	NA	1	B2A0017	01/03/2012	01/03/12 21:15	
Chromium	**25**	1.0	NA	1	B2A0017	01/03/2012	01/03/12 21:15	
Cobalt	**14**	1.0	NA	1	B2A0017	01/03/2012	01/03/12 21:15	
Copper	**42**	2.0	NA	1	B2A0017	01/03/2012	01/03/12 21:15	
Lead	**45**	1.0	NA	1	B2A0017	01/03/2012	01/03/12 21:15	
Molybdenum	ND	1.0	NA	1	B2A0017	01/03/2012	01/03/12 21:15	
Nickel	**35**	1.0	NA	1	B2A0017	01/03/2012	01/03/12 21:15	
Selenium	ND	1.0	NA	1	B2A0017	01/03/2012	01/03/12 21:15	
Silver	ND	1.0	NA	1	B2A0017	01/03/2012	01/03/12 21:15	
Thallium	ND	1.0	NA	1	B2A0017	01/03/2012	01/03/12 21:15	
Vanadium	**52**	1.0	NA	1	B2A0017	01/03/2012	01/03/12 21:15	
Zinc	**98**	1.0	NA	1	B2A0017	01/03/2012	01/03/12 21:15	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G54-0.5
Lab ID: 1100837-94

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0017	01/03/2012	01/03/12 21:16	
Arsenic	**7.2**	1.0	NA	1	B2A0017	01/03/2012	01/03/12 21:16	
Barium	**160**	1.0	NA	1	B2A0017	01/03/2012	01/03/12 21:16	
Beryllium	ND	1.0	NA	1	B2A0017	01/03/2012	01/03/12 21:16	
Cadmium	ND	1.0	NA	1	B2A0017	01/03/2012	01/03/12 21:16	
Chromium	**31**	1.0	NA	1	B2A0017	01/03/2012	01/03/12 21:16	
Cobalt	**13**	1.0	NA	1	B2A0017	01/03/2012	01/03/12 21:16	
Copper	**40**	2.0	NA	1	B2A0017	01/03/2012	01/03/12 21:16	
Lead	**88**	1.0	NA	1	B2A0017	01/03/2012	01/03/12 21:16	
Molybdenum	ND	1.0	NA	1	B2A0017	01/03/2012	01/03/12 21:16	
Nickel	**40**	1.0	NA	1	B2A0017	01/03/2012	01/03/12 21:16	
Selenium	ND	1.0	NA	1	B2A0017	01/03/2012	01/03/12 21:16	
Silver	ND	1.0	NA	1	B2A0017	01/03/2012	01/03/12 21:16	
Thallium	ND	1.0	NA	1	B2A0017	01/03/2012	01/03/12 21:16	
Vanadium	**40**	1.0	NA	1	B2A0017	01/03/2012	01/03/12 21:16	
Zinc	**65**	1.0	NA	1	B2A0017	01/03/2012	01/03/12 21:16	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G54-1.5
Lab ID: 1100837-95

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0017	01/03/2012	01/03/12 21:18	
Arsenic	**12**	1.0	NA	1	B2A0017	01/03/2012	01/03/12 21:18	
Barium	**300**	1.0	NA	1	B2A0017	01/03/2012	01/03/12 21:18	
Beryllium	ND	1.0	NA	1	B2A0017	01/03/2012	01/03/12 21:18	
Cadmium	ND	1.0	NA	1	B2A0017	01/03/2012	01/03/12 21:18	
Chromium	**6.7**	1.0	NA	1	B2A0017	01/03/2012	01/03/12 21:18	
Cobalt	**7.1**	1.0	NA	1	B2A0017	01/03/2012	01/03/12 21:18	
Copper	**13**	2.0	NA	1	B2A0017	01/03/2012	01/03/12 21:18	
Lead	**36**	1.0	NA	1	B2A0017	01/03/2012	01/03/12 21:18	
Molybdenum	ND	1.0	NA	1	B2A0017	01/03/2012	01/03/12 21:18	
Nickel	**19**	1.0	NA	1	B2A0017	01/03/2012	01/03/12 21:18	
Selenium	ND	1.0	NA	1	B2A0017	01/03/2012	01/03/12 21:18	
Silver	ND	1.0	NA	1	B2A0017	01/03/2012	01/03/12 21:18	
Thallium	ND	1.0	NA	1	B2A0017	01/03/2012	01/03/12 21:18	
Vanadium	**8.7**	1.0	NA	1	B2A0017	01/03/2012	01/03/12 21:18	
Zinc	**29**	1.0	NA	1	B2A0017	01/03/2012	01/03/12 21:18	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G54-2.5
Lab ID: 1100837-96

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0017	01/03/2012	01/03/12 21:19	
Arsenic	**7.7**	1.0	NA	1	B2A0017	01/03/2012	01/03/12 21:19	
Barium	**150**	1.0	NA	1	B2A0017	01/03/2012	01/03/12 21:19	
Beryllium	ND	1.0	NA	1	B2A0017	01/03/2012	01/03/12 21:19	
Cadmium	ND	1.0	NA	1	B2A0017	01/03/2012	01/03/12 21:19	
Chromium	**32**	1.0	NA	1	B2A0017	01/03/2012	01/03/12 21:19	
Cobalt	**13**	1.0	NA	1	B2A0017	01/03/2012	01/03/12 21:19	
Copper	**37**	2.0	NA	1	B2A0017	01/03/2012	01/03/12 21:19	
Lead	**11**	1.0	NA	1	B2A0017	01/03/2012	01/03/12 21:19	
Molybdenum	ND	1.0	NA	1	B2A0017	01/03/2012	01/03/12 21:19	
Nickel	**46**	1.0	NA	1	B2A0017	01/03/2012	01/03/12 21:19	
Selenium	ND	1.0	NA	1	B2A0017	01/03/2012	01/03/12 21:19	
Silver	ND	1.0	NA	1	B2A0017	01/03/2012	01/03/12 21:19	
Thallium	ND	1.0	NA	1	B2A0017	01/03/2012	01/03/12 21:19	
Vanadium	**43**	1.0	NA	1	B2A0017	01/03/2012	01/03/12 21:19	
Zinc	**57**	1.0	NA	1	B2A0017	01/03/2012	01/03/12 21:19	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G55-0

Lab ID: 1100837-97

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0017	01/03/2012	01/03/12 21:21	
Arsenic	**4.1**	1.0	NA	1	B2A0017	01/03/2012	01/03/12 21:21	
Barium	**120**	1.0	NA	1	B2A0017	01/03/2012	01/03/12 21:21	
Beryllium	ND	1.0	NA	1	B2A0017	01/03/2012	01/03/12 21:21	
Cadmium	ND	1.0	NA	1	B2A0017	01/03/2012	01/03/12 21:21	
Chromium	**42**	1.0	NA	1	B2A0017	01/03/2012	01/03/12 21:21	
Cobalt	**15**	1.0	NA	1	B2A0017	01/03/2012	01/03/12 21:21	
Copper	**53**	2.0	NA	1	B2A0017	01/03/2012	01/03/12 21:21	
Lead	**16**	1.0	NA	1	B2A0017	01/03/2012	01/03/12 21:21	
Molybdenum	ND	1.0	NA	1	B2A0017	01/03/2012	01/03/12 21:21	
Nickel	**54**	1.0	NA	1	B2A0017	01/03/2012	01/03/12 21:21	
Selenium	ND	1.0	NA	1	B2A0017	01/03/2012	01/03/12 21:21	
Silver	ND	1.0	NA	1	B2A0017	01/03/2012	01/03/12 21:21	
Thallium	ND	1.0	NA	1	B2A0017	01/03/2012	01/03/12 21:21	
Vanadium	**45**	1.0	NA	1	B2A0017	01/03/2012	01/03/12 21:21	
Zinc	**82**	1.0	NA	1	B2A0017	01/03/2012	01/03/12 21:21	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G55-0.5
Lab ID: 1100837-98

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0017	01/03/2012	01/03/12 21:23	
Arsenic	**12**	1.0	NA	1	B2A0017	01/03/2012	01/03/12 21:23	
Barium	**350**	1.0	NA	1	B2A0017	01/03/2012	01/03/12 21:23	
Beryllium	ND	1.0	NA	1	B2A0017	01/03/2012	01/03/12 21:23	
Cadmium	ND	1.0	NA	1	B2A0017	01/03/2012	01/03/12 21:23	
Chromium	**7.3**	1.0	NA	1	B2A0017	01/03/2012	01/03/12 21:23	
Cobalt	**5.4**	1.0	NA	1	B2A0017	01/03/2012	01/03/12 21:23	
Copper	**14**	2.0	NA	1	B2A0017	01/03/2012	01/03/12 21:23	
Lead	**40**	1.0	NA	1	B2A0017	01/03/2012	01/03/12 21:23	
Molybdenum	ND	1.0	NA	1	B2A0017	01/03/2012	01/03/12 21:23	
Nickel	**13**	1.0	NA	1	B2A0017	01/03/2012	01/03/12 21:23	
Selenium	ND	1.0	NA	1	B2A0017	01/03/2012	01/03/12 21:23	
Silver	ND	1.0	NA	1	B2A0017	01/03/2012	01/03/12 21:23	
Thallium	ND	1.0	NA	1	B2A0017	01/03/2012	01/03/12 21:23	
Vanadium	**10**	1.0	NA	1	B2A0017	01/03/2012	01/03/12 21:23	
Zinc	**47**	1.0	NA	1	B2A0017	01/03/2012	01/03/12 21:23	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G55-1.5
Lab ID: 1100837-99

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0017	01/03/2012	01/03/12 21:28	
Arsenic	**9.5**	1.0	NA	1	B2A0017	01/03/2012	01/03/12 21:28	
Barium	**270**	1.0	NA	1	B2A0017	01/03/2012	01/03/12 21:28	
Beryllium	ND	1.0	NA	1	B2A0017	01/03/2012	01/03/12 21:28	
Cadmium	ND	1.0	NA	1	B2A0017	01/03/2012	01/03/12 21:28	
Chromium	**17**	1.0	NA	1	B2A0017	01/03/2012	01/03/12 21:28	
Cobalt	**8.9**	1.0	NA	1	B2A0017	01/03/2012	01/03/12 21:28	
Copper	**29**	2.0	NA	1	B2A0017	01/03/2012	01/03/12 21:28	
Lead	**130**	1.0	NA	1	B2A0017	01/03/2012	01/03/12 21:28	
Molybdenum	ND	1.0	NA	1	B2A0017	01/03/2012	01/03/12 21:28	
Nickel	**27**	1.0	NA	1	B2A0017	01/03/2012	01/03/12 21:28	
Selenium	ND	1.0	NA	1	B2A0017	01/03/2012	01/03/12 21:28	
Silver	ND	1.0	NA	1	B2A0017	01/03/2012	01/03/12 21:28	
Thallium	ND	1.0	NA	1	B2A0017	01/03/2012	01/03/12 21:28	
Vanadium	**22**	1.0	NA	1	B2A0017	01/03/2012	01/03/12 21:28	
Zinc	**79**	1.0	NA	1	B2A0017	01/03/2012	01/03/12 21:28	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G55-2.5
Lab ID: 1100837-AA

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0017	01/03/2012	01/03/12 21:30	
Arsenic	**11**	1.0	NA	1	B2A0017	01/03/2012	01/03/12 21:30	
Barium	**230**	1.0	NA	1	B2A0017	01/03/2012	01/03/12 21:30	
Beryllium	ND	1.0	NA	1	B2A0017	01/03/2012	01/03/12 21:30	
Cadmium	ND	1.0	NA	1	B2A0017	01/03/2012	01/03/12 21:30	
Chromium	**49**	1.0	NA	1	B2A0017	01/03/2012	01/03/12 21:30	
Cobalt	**14**	1.0	NA	1	B2A0017	01/03/2012	01/03/12 21:30	
Copper	**33**	2.0	NA	1	B2A0017	01/03/2012	01/03/12 21:30	
Lead	**15**	1.0	NA	1	B2A0017	01/03/2012	01/03/12 21:30	
Molybdenum	ND	1.0	NA	1	B2A0017	01/03/2012	01/03/12 21:30	
Nickel	**51**	1.0	NA	1	B2A0017	01/03/2012	01/03/12 21:30	
Selenium	ND	1.0	NA	1	B2A0017	01/03/2012	01/03/12 21:30	
Silver	ND	1.0	NA	1	B2A0017	01/03/2012	01/03/12 21:30	
Thallium	ND	1.0	NA	1	B2A0017	01/03/2012	01/03/12 21:30	
Vanadium	**58**	1.0	NA	1	B2A0017	01/03/2012	01/03/12 21:30	
Zinc	**55**	1.0	NA	1	B2A0017	01/03/2012	01/03/12 21:30	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G56-0

Lab ID: 1100837-AB

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0018	01/03/2012	01/03/12 21:41	
Arsenic	**2.4**	1.0	NA	1	B2A0018	01/03/2012	01/03/12 21:41	
Barium	**110**	1.0	NA	1	B2A0018	01/03/2012	01/03/12 21:41	
Beryllium	ND	1.0	NA	1	B2A0018	01/03/2012	01/03/12 21:41	
Cadmium	ND	1.0	NA	1	B2A0018	01/03/2012	01/03/12 21:41	
Chromium	**28**	1.0	NA	1	B2A0018	01/03/2012	01/03/12 21:41	
Cobalt	**12**	1.0	NA	1	B2A0018	01/03/2012	01/03/12 21:41	
Copper	**59**	2.0	NA	1	B2A0018	01/03/2012	01/03/12 21:41	
Lead	**94**	1.0	NA	1	B2A0018	01/03/2012	01/03/12 21:41	
Molybdenum	**1.9**	1.0	NA	1	B2A0018	01/03/2012	01/03/12 21:41	
Nickel	**28**	1.0	NA	1	B2A0018	01/03/2012	01/03/12 21:41	
Selenium	ND	1.0	NA	1	B2A0018	01/03/2012	01/03/12 21:41	
Silver	ND	1.0	NA	1	B2A0018	01/03/2012	01/03/12 21:41	
Thallium	ND	1.0	NA	1	B2A0018	01/03/2012	01/03/12 21:41	
Vanadium	**79**	1.0	NA	1	B2A0018	01/03/2012	01/03/12 21:41	
Zinc	**190**	1.0	NA	1	B2A0018	01/03/2012	01/03/12 21:41	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
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Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G56-0.5
Lab ID: 1100837-AC

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0018	01/03/2012	01/03/12 21:42	
Arsenic	ND	1.0	NA	1	B2A0018	01/03/2012	01/03/12 21:42	
Barium	**27**	1.0	NA	1	B2A0018	01/03/2012	01/03/12 21:42	
Beryllium	ND	1.0	NA	1	B2A0018	01/03/2012	01/03/12 21:42	
Cadmium	ND	1.0	NA	1	B2A0018	01/03/2012	01/03/12 21:42	
Chromium	**17**	1.0	NA	1	B2A0018	01/03/2012	01/03/12 21:42	
Cobalt	**22**	1.0	NA	1	B2A0018	01/03/2012	01/03/12 21:42	
Copper	**41**	2.0	NA	1	B2A0018	01/03/2012	01/03/12 21:42	
Lead	ND	1.0	NA	1	B2A0018	01/03/2012	01/03/12 21:42	
Molybdenum	ND	1.0	NA	1	B2A0018	01/03/2012	01/03/12 21:42	
Nickel	**15**	1.0	NA	1	B2A0018	01/03/2012	01/03/12 21:42	
Selenium	ND	1.0	NA	1	B2A0018	01/03/2012	01/03/12 21:42	
Silver	ND	1.0	NA	1	B2A0018	01/03/2012	01/03/12 21:42	
Thallium	ND	1.0	NA	1	B2A0018	01/03/2012	01/03/12 21:42	
Vanadium	**130**	1.0	NA	1	B2A0018	01/03/2012	01/03/12 21:42	
Zinc	**50**	1.0	NA	1	B2A0018	01/03/2012	01/03/12 21:42	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G56-1.5
Lab ID: 1100837-AD

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0018	01/03/2012	01/03/12 21:44	
Arsenic	ND	1.0	NA	1	B2A0018	01/03/2012	01/03/12 21:44	
Barium	**95**	1.0	NA	1	B2A0018	01/03/2012	01/03/12 21:44	
Beryllium	ND	1.0	NA	1	B2A0018	01/03/2012	01/03/12 21:44	
Cadmium	ND	1.0	NA	1	B2A0018	01/03/2012	01/03/12 21:44	
Chromium	**12**	1.0	NA	1	B2A0018	01/03/2012	01/03/12 21:44	
Cobalt	**12**	1.0	NA	1	B2A0018	01/03/2012	01/03/12 21:44	
Copper	**22**	2.0	NA	1	B2A0018	01/03/2012	01/03/12 21:44	
Lead	ND	1.0	NA	1	B2A0018	01/03/2012	01/03/12 21:44	
Molybdenum	ND	1.0	NA	1	B2A0018	01/03/2012	01/03/12 21:44	
Nickel	**13**	1.0	NA	1	B2A0018	01/03/2012	01/03/12 21:44	
Selenium	ND	1.0	NA	1	B2A0018	01/03/2012	01/03/12 21:44	
Silver	ND	1.0	NA	1	B2A0018	01/03/2012	01/03/12 21:44	
Thallium	ND	1.0	NA	1	B2A0018	01/03/2012	01/03/12 21:44	
Vanadium	**100**	1.0	NA	1	B2A0018	01/03/2012	01/03/12 21:44	
Zinc	**39**	1.0	NA	1	B2A0018	01/03/2012	01/03/12 21:44	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G56-2.5
Lab ID: 1100837-AE

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0018	01/03/2012	01/03/12 21:50	
Arsenic	ND	1.0	NA	1	B2A0018	01/03/2012	01/03/12 21:50	
Barium	**10**	1.0	NA	1	B2A0018	01/03/2012	01/03/12 21:50	
Beryllium	ND	1.0	NA	1	B2A0018	01/03/2012	01/03/12 21:50	
Cadmium	ND	1.0	NA	1	B2A0018	01/03/2012	01/03/12 21:50	
Chromium	**11**	1.0	NA	1	B2A0018	01/03/2012	01/03/12 21:50	
Cobalt	**16**	1.0	NA	1	B2A0018	01/03/2012	01/03/12 21:50	
Copper	**35**	2.0	NA	1	B2A0018	01/03/2012	01/03/12 21:50	
Lead	ND	1.0	NA	1	B2A0018	01/03/2012	01/03/12 21:50	
Molybdenum	ND	1.0	NA	1	B2A0018	01/03/2012	01/03/12 21:50	
Nickel	**11**	1.0	NA	1	B2A0018	01/03/2012	01/03/12 21:50	
Selenium	ND	1.0	NA	1	B2A0018	01/03/2012	01/03/12 21:50	
Silver	ND	1.0	NA	1	B2A0018	01/03/2012	01/03/12 21:50	
Thallium	ND	1.0	NA	1	B2A0018	01/03/2012	01/03/12 21:50	
Vanadium	**140**	1.0	NA	1	B2A0018	01/03/2012	01/03/12 21:50	
Zinc	**51**	1.0	NA	1	B2A0018	01/03/2012	01/03/12 21:50	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G57-0

Lab ID: 1100837-AF

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	10	NA	5	B2A0018	01/03/2012	01/04/12 09:30	D5
Arsenic	ND	5.0	NA	5	B2A0018	01/03/2012	01/04/12 09:30	D5
Barium	**18**	5.0	NA	5	B2A0018	01/03/2012	01/04/12 09:30	D5
Beryllium	ND	5.0	NA	5	B2A0018	01/03/2012	01/04/12 09:30	D5
Cadmium	ND	5.0	NA	5	B2A0018	01/03/2012	01/04/12 09:30	D5
Chromium	ND	5.0	NA	5	B2A0018	01/03/2012	01/04/12 09:30	D5
Cobalt	**9.2**	5.0	NA	5	B2A0018	01/03/2012	01/04/12 09:30	D5
Copper	ND	10	NA	5	B2A0018	01/03/2012	01/04/12 09:30	D5
Lead	ND	5.0	NA	5	B2A0018	01/03/2012	01/04/12 09:30	D5
Molybdenum	ND	5.0	NA	5	B2A0018	01/03/2012	01/04/12 09:30	D5
Nickel	ND	5.0	NA	5	B2A0018	01/03/2012	01/04/12 09:30	D5
Selenium	ND	5.0	NA	5	B2A0018	01/03/2012	01/04/12 09:30	D5
Silver	ND	5.0	NA	5	B2A0018	01/03/2012	01/04/12 09:30	D5
Thallium	ND	5.0	NA	5	B2A0018	01/03/2012	01/04/12 09:30	D5
Vanadium	**71**	5.0	NA	5	B2A0018	01/03/2012	01/04/12 09:30	D5
Zinc	**34**	5.0	NA	5	B2A0018	01/03/2012	01/04/12 09:30	D5

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G57-0.5
Lab ID: 1100837-AG

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0018	01/03/2012	01/03/12 21:53	
Arsenic	**5.7**	1.0	NA	1	B2A0018	01/03/2012	01/03/12 21:53	
Barium	**60**	1.0	NA	1	B2A0018	01/03/2012	01/03/12 21:53	
Beryllium	ND	1.0	NA	1	B2A0018	01/03/2012	01/03/12 21:53	
Cadmium	ND	1.0	NA	1	B2A0018	01/03/2012	01/03/12 21:53	
Chromium	**39**	1.0	NA	1	B2A0018	01/03/2012	01/03/12 21:53	
Cobalt	**6.6**	1.0	NA	1	B2A0018	01/03/2012	01/03/12 21:53	
Copper	**41**	2.0	NA	1	B2A0018	01/03/2012	01/03/12 21:53	
Lead	**4.6**	1.0	NA	1	B2A0018	01/03/2012	01/03/12 21:53	
Molybdenum	ND	1.0	NA	1	B2A0018	01/03/2012	01/03/12 21:53	
Nickel	**43**	1.0	NA	1	B2A0018	01/03/2012	01/03/12 21:53	
Selenium	ND	1.0	NA	1	B2A0018	01/03/2012	01/03/12 21:53	
Silver	ND	1.0	NA	1	B2A0018	01/03/2012	01/03/12 21:53	
Thallium	ND	1.0	NA	1	B2A0018	01/03/2012	01/03/12 21:53	
Vanadium	**35**	1.0	NA	1	B2A0018	01/03/2012	01/03/12 21:53	
Zinc	**64**	1.0	NA	1	B2A0018	01/03/2012	01/03/12 21:53	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G57-1.5
Lab ID: 1100837-AH

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0018	01/03/2012	01/03/12 21:54	
Arsenic	**3.0**	1.0	NA	1	B2A0018	01/03/2012	01/03/12 21:54	
Barium	**44**	1.0	NA	1	B2A0018	01/03/2012	01/03/12 21:54	
Beryllium	ND	1.0	NA	1	B2A0018	01/03/2012	01/03/12 21:54	
Cadmium	ND	1.0	NA	1	B2A0018	01/03/2012	01/03/12 21:54	
Chromium	**42**	1.0	NA	1	B2A0018	01/03/2012	01/03/12 21:54	
Cobalt	**13**	1.0	NA	1	B2A0018	01/03/2012	01/03/12 21:54	
Copper	**28**	2.0	NA	1	B2A0018	01/03/2012	01/03/12 21:54	
Lead	**81**	1.0	NA	1	B2A0018	01/03/2012	01/03/12 21:54	
Molybdenum	ND	1.0	NA	1	B2A0018	01/03/2012	01/03/12 21:54	
Nickel	**43**	1.0	NA	1	B2A0018	01/03/2012	01/03/12 21:54	
Selenium	ND	1.0	NA	1	B2A0018	01/03/2012	01/03/12 21:54	
Silver	ND	1.0	NA	1	B2A0018	01/03/2012	01/03/12 21:54	
Thallium	ND	1.0	NA	1	B2A0018	01/03/2012	01/03/12 21:54	
Vanadium	**26**	1.0	NA	1	B2A0018	01/03/2012	01/03/12 21:54	
Zinc	**36**	1.0	NA	1	B2A0018	01/03/2012	01/03/12 21:54	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G57-2.5
Lab ID: 1100837-AI

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0018	01/03/2012	01/03/12 21:56	
Arsenic	**5.3**	1.0	NA	1	B2A0018	01/03/2012	01/03/12 21:56	
Barium	**160**	1.0	NA	1	B2A0018	01/03/2012	01/03/12 21:56	
Beryllium	ND	1.0	NA	1	B2A0018	01/03/2012	01/03/12 21:56	
Cadmium	ND	1.0	NA	1	B2A0018	01/03/2012	01/03/12 21:56	
Chromium	**24**	1.0	NA	1	B2A0018	01/03/2012	01/03/12 21:56	
Cobalt	**10**	1.0	NA	1	B2A0018	01/03/2012	01/03/12 21:56	
Copper	**28**	2.0	NA	1	B2A0018	01/03/2012	01/03/12 21:56	
Lead	**49**	1.0	NA	1	B2A0018	01/03/2012	01/03/12 21:56	
Molybdenum	ND	1.0	NA	1	B2A0018	01/03/2012	01/03/12 21:56	
Nickel	**40**	1.0	NA	1	B2A0018	01/03/2012	01/03/12 21:56	
Selenium	ND	1.0	NA	1	B2A0018	01/03/2012	01/03/12 21:56	
Silver	ND	1.0	NA	1	B2A0018	01/03/2012	01/03/12 21:56	
Thallium	ND	1.0	NA	1	B2A0018	01/03/2012	01/03/12 21:56	
Vanadium	**32**	1.0	NA	1	B2A0018	01/03/2012	01/03/12 21:56	
Zinc	**54**	1.0	NA	1	B2A0018	01/03/2012	01/03/12 21:56	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G58-0

Lab ID: 1100837-AJ

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0018	01/03/2012	01/03/12 21:58	
Arsenic	**2.5**	1.0	NA	1	B2A0018	01/03/2012	01/03/12 21:58	
Barium	**120**	1.0	NA	1	B2A0018	01/03/2012	01/03/12 21:58	
Beryllium	ND	1.0	NA	1	B2A0018	01/03/2012	01/03/12 21:58	
Cadmium	ND	1.0	NA	1	B2A0018	01/03/2012	01/03/12 21:58	
Chromium	**19**	1.0	NA	1	B2A0018	01/03/2012	01/03/12 21:58	
Cobalt	**15**	1.0	NA	1	B2A0018	01/03/2012	01/03/12 21:58	
Copper	**39**	2.0	NA	1	B2A0018	01/03/2012	01/03/12 21:58	
Lead	**14**	1.0	NA	1	B2A0018	01/03/2012	01/03/12 21:58	
Molybdenum	ND	1.0	NA	1	B2A0018	01/03/2012	01/03/12 21:58	
Nickel	**30**	1.0	NA	1	B2A0018	01/03/2012	01/03/12 21:58	
Selenium	ND	1.0	NA	1	B2A0018	01/03/2012	01/03/12 21:58	
Silver	ND	1.0	NA	1	B2A0018	01/03/2012	01/03/12 21:58	
Thallium	ND	1.0	NA	1	B2A0018	01/03/2012	01/03/12 21:58	
Vanadium	**88**	1.0	NA	1	B2A0018	01/03/2012	01/03/12 21:58	
Zinc	**90**	1.0	NA	1	B2A0018	01/03/2012	01/03/12 21:58	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G58-0.5
Lab ID: 1100837-AK

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0018	01/03/2012	01/03/12 21:59	
Arsenic	**6.9**	1.0	NA	1	B2A0018	01/03/2012	01/03/12 21:59	
Barium	**160**	1.0	NA	1	B2A0018	01/03/2012	01/03/12 21:59	
Beryllium	ND	1.0	NA	1	B2A0018	01/03/2012	01/03/12 21:59	
Cadmium	ND	1.0	NA	1	B2A0018	01/03/2012	01/03/12 21:59	
Chromium	**36**	1.0	NA	1	B2A0018	01/03/2012	01/03/12 21:59	
Cobalt	**16**	1.0	NA	1	B2A0018	01/03/2012	01/03/12 21:59	
Copper	**45**	2.0	NA	1	B2A0018	01/03/2012	01/03/12 21:59	
Lead	**25**	1.0	NA	1	B2A0018	01/03/2012	01/03/12 21:59	
Molybdenum	ND	1.0	NA	1	B2A0018	01/03/2012	01/03/12 21:59	
Nickel	**49**	1.0	NA	1	B2A0018	01/03/2012	01/03/12 21:59	
Selenium	ND	1.0	NA	1	B2A0018	01/03/2012	01/03/12 21:59	
Silver	ND	1.0	NA	1	B2A0018	01/03/2012	01/03/12 21:59	
Thallium	ND	1.0	NA	1	B2A0018	01/03/2012	01/03/12 21:59	
Vanadium	**41**	1.0	NA	1	B2A0018	01/03/2012	01/03/12 21:59	
Zinc	**65**	1.0	NA	1	B2A0018	01/03/2012	01/03/12 21:59	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G58-1.5
Lab ID: 1100837-AL

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0019	01/03/2012	01/03/12 22:13	
Arsenic	**7.8**	1.0	NA	1	B2A0019	01/03/2012	01/03/12 22:13	
Barium	**100**	1.0	NA	1	B2A0019	01/03/2012	01/03/12 22:13	
Beryllium	ND	1.0	NA	1	B2A0019	01/03/2012	01/03/12 22:13	
Cadmium	ND	1.0	NA	1	B2A0019	01/03/2012	01/03/12 22:13	
Chromium	**39**	1.0	NA	1	B2A0019	01/03/2012	01/03/12 22:13	
Cobalt	**17**	1.0	NA	1	B2A0019	01/03/2012	01/03/12 22:13	
Copper	**50**	2.0	NA	1	B2A0019	01/03/2012	01/03/12 22:13	
Lead	**140**	1.0	NA	1	B2A0019	01/03/2012	01/03/12 22:13	
Molybdenum	ND	1.0	NA	1	B2A0019	01/03/2012	01/03/12 22:13	
Nickel	**47**	1.0	NA	1	B2A0019	01/03/2012	01/03/12 22:13	
Selenium	ND	1.0	NA	1	B2A0019	01/03/2012	01/03/12 22:13	
Silver	ND	1.0	NA	1	B2A0019	01/03/2012	01/03/12 22:13	
Thallium	ND	1.0	NA	1	B2A0019	01/03/2012	01/03/12 22:13	
Vanadium	**50**	1.0	NA	1	B2A0019	01/03/2012	01/03/12 22:13	
Zinc	**67**	1.0	NA	1	B2A0019	01/03/2012	01/03/12 22:13	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G58-2.5
Lab ID: 1100837-AM

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	10	NA	5	B2A0019	01/03/2012	01/04/12 09:31	D5
Arsenic	**8.5**	5.0	NA	5	B2A0019	01/03/2012	01/04/12 09:31	D5
Barium	**230**	5.0	NA	5	B2A0019	01/03/2012	01/04/12 09:31	D5
Beryllium	ND	5.0	NA	5	B2A0019	01/03/2012	01/04/12 09:31	D5
Cadmium	ND	5.0	NA	5	B2A0019	01/03/2012	01/04/12 09:31	D5
Chromium	**31**	5.0	NA	5	B2A0019	01/03/2012	01/04/12 09:31	D5
Cobalt	**13**	5.0	NA	5	B2A0019	01/03/2012	01/04/12 09:31	D5
Copper	**27**	10	NA	5	B2A0019	01/03/2012	01/04/12 09:31	D5
Lead	**210**	5.0	NA	5	B2A0019	01/03/2012	01/04/12 09:31	D5
Molybdenum	ND	5.0	NA	5	B2A0019	01/03/2012	01/04/12 09:31	D5
Nickel	**46**	5.0	NA	5	B2A0019	01/03/2012	01/04/12 09:31	D5
Selenium	ND	5.0	NA	5	B2A0019	01/03/2012	01/04/12 09:31	D5
Silver	ND	5.0	NA	5	B2A0019	01/03/2012	01/04/12 09:31	D5
Thallium	ND	5.0	NA	5	B2A0019	01/03/2012	01/04/12 09:31	D5
Vanadium	**38**	5.0	NA	5	B2A0019	01/03/2012	01/04/12 09:31	D5
Zinc	**73**	5.0	NA	5	B2A0019	01/03/2012	01/04/12 09:31	D5

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G59-0

Lab ID: 1100837-AN

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0019	01/03/2012	01/03/12 22:17	
Arsenic	**2.3**	1.0	NA	1	B2A0019	01/03/2012	01/03/12 22:17	
Barium	**190**	1.0	NA	1	B2A0019	01/03/2012	01/03/12 22:17	
Beryllium	ND	1.0	NA	1	B2A0019	01/03/2012	01/03/12 22:17	
Cadmium	ND	1.0	NA	1	B2A0019	01/03/2012	01/03/12 22:17	
Chromium	**18**	1.0	NA	1	B2A0019	01/03/2012	01/03/12 22:17	
Cobalt	**17**	1.0	NA	1	B2A0019	01/03/2012	01/03/12 22:17	
Copper	**38**	2.0	NA	1	B2A0019	01/03/2012	01/03/12 22:17	
Lead	**28**	1.0	NA	1	B2A0019	01/03/2012	01/03/12 22:17	
Molybdenum	ND	1.0	NA	1	B2A0019	01/03/2012	01/03/12 22:17	
Nickel	**30**	1.0	NA	1	B2A0019	01/03/2012	01/03/12 22:17	
Selenium	ND	1.0	NA	1	B2A0019	01/03/2012	01/03/12 22:17	
Silver	ND	1.0	NA	1	B2A0019	01/03/2012	01/03/12 22:17	
Thallium	ND	1.0	NA	1	B2A0019	01/03/2012	01/03/12 22:17	
Vanadium	**100**	1.0	NA	1	B2A0019	01/03/2012	01/03/12 22:17	
Zinc	**89**	1.0	NA	1	B2A0019	01/03/2012	01/03/12 22:17	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
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Client Sample ID G59-0.5
Lab ID: 1100837-AO

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0019	01/03/2012	01/03/12 22:18	
Arsenic	**7.8**	1.0	NA	1	B2A0019	01/03/2012	01/03/12 22:18	
Barium	**130**	1.0	NA	1	B2A0019	01/03/2012	01/03/12 22:18	
Beryllium	ND	1.0	NA	1	B2A0019	01/03/2012	01/03/12 22:18	
Cadmium	ND	1.0	NA	1	B2A0019	01/03/2012	01/03/12 22:18	
Chromium	**30**	1.0	NA	1	B2A0019	01/03/2012	01/03/12 22:18	
Cobalt	**13**	1.0	NA	1	B2A0019	01/03/2012	01/03/12 22:18	
Copper	**38**	2.0	NA	1	B2A0019	01/03/2012	01/03/12 22:18	
Lead	**71**	1.0	NA	1	B2A0019	01/03/2012	01/03/12 22:18	
Molybdenum	ND	1.0	NA	1	B2A0019	01/03/2012	01/03/12 22:18	
Nickel	**44**	1.0	NA	1	B2A0019	01/03/2012	01/03/12 22:18	
Selenium	ND	1.0	NA	1	B2A0019	01/03/2012	01/03/12 22:18	
Silver	ND	1.0	NA	1	B2A0019	01/03/2012	01/03/12 22:18	
Thallium	ND	1.0	NA	1	B2A0019	01/03/2012	01/03/12 22:18	
Vanadium	**43**	1.0	NA	1	B2A0019	01/03/2012	01/03/12 22:18	
Zinc	**70**	1.0	NA	1	B2A0019	01/03/2012	01/03/12 22:18	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G59-1.5
Lab ID: 1100837-AP

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0019	01/03/2012	01/03/12 22:20	
Arsenic	**8.4**	1.0	NA	1	B2A0019	01/03/2012	01/03/12 22:20	
Barium	**95**	1.0	NA	1	B2A0019	01/03/2012	01/03/12 22:20	
Beryllium	ND	1.0	NA	1	B2A0019	01/03/2012	01/03/12 22:20	
Cadmium	ND	1.0	NA	1	B2A0019	01/03/2012	01/03/12 22:20	
Chromium	**28**	1.0	NA	1	B2A0019	01/03/2012	01/03/12 22:20	
Cobalt	**13**	1.0	NA	1	B2A0019	01/03/2012	01/03/12 22:20	
Copper	**37**	2.0	NA	1	B2A0019	01/03/2012	01/03/12 22:20	
Lead	**17**	1.0	NA	1	B2A0019	01/03/2012	01/03/12 22:20	
Molybdenum	ND	1.0	NA	1	B2A0019	01/03/2012	01/03/12 22:20	
Nickel	**35**	1.0	NA	1	B2A0019	01/03/2012	01/03/12 22:20	
Selenium	ND	1.0	NA	1	B2A0019	01/03/2012	01/03/12 22:20	
Silver	ND	1.0	NA	1	B2A0019	01/03/2012	01/03/12 22:20	
Thallium	ND	1.0	NA	1	B2A0019	01/03/2012	01/03/12 22:20	
Vanadium	**39**	1.0	NA	1	B2A0019	01/03/2012	01/03/12 22:20	
Zinc	**56**	1.0	NA	1	B2A0019	01/03/2012	01/03/12 22:20	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G59-2.5
Lab ID: 1100837-AQ

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0019	01/03/2012	01/03/12 22:21	
Arsenic	**9.8**	1.0	NA	1	B2A0019	01/03/2012	01/03/12 22:21	
Barium	**220**	1.0	NA	1	B2A0019	01/03/2012	01/03/12 22:21	
Beryllium	ND	1.0	NA	1	B2A0019	01/03/2012	01/03/12 22:21	
Cadmium	ND	1.0	NA	1	B2A0019	01/03/2012	01/03/12 22:21	
Chromium	**34**	1.0	NA	1	B2A0019	01/03/2012	01/03/12 22:21	
Cobalt	**16**	1.0	NA	1	B2A0019	01/03/2012	01/03/12 22:21	
Copper	**37**	2.0	NA	1	B2A0019	01/03/2012	01/03/12 22:21	
Lead	**160**	1.0	NA	1	B2A0019	01/03/2012	01/03/12 22:21	
Molybdenum	ND	1.0	NA	1	B2A0019	01/03/2012	01/03/12 22:21	
Nickel	**57**	1.0	NA	1	B2A0019	01/03/2012	01/03/12 22:21	
Selenium	ND	1.0	NA	1	B2A0019	01/03/2012	01/03/12 22:21	
Silver	ND	1.0	NA	1	B2A0019	01/03/2012	01/03/12 22:21	
Thallium	ND	1.0	NA	1	B2A0019	01/03/2012	01/03/12 22:21	
Vanadium	**49**	1.0	NA	1	B2A0019	01/03/2012	01/03/12 22:21	
Zinc	**66**	1.0	NA	1	B2A0019	01/03/2012	01/03/12 22:21	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
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Client Sample ID G60-0

Lab ID: 1100837-AR

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0019	01/03/2012	01/03/12 22:23	
Arsenic	**1.9**	1.0	NA	1	B2A0019	01/03/2012	01/03/12 22:23	
Barium	**59**	1.0	NA	1	B2A0019	01/03/2012	01/03/12 22:23	
Beryllium	ND	1.0	NA	1	B2A0019	01/03/2012	01/03/12 22:23	
Cadmium	ND	1.0	NA	1	B2A0019	01/03/2012	01/03/12 22:23	
Chromium	**14**	1.0	NA	1	B2A0019	01/03/2012	01/03/12 22:23	
Cobalt	**23**	1.0	NA	1	B2A0019	01/03/2012	01/03/12 22:23	
Copper	**38**	2.0	NA	1	B2A0019	01/03/2012	01/03/12 22:23	
Lead	**12**	1.0	NA	1	B2A0019	01/03/2012	01/03/12 22:23	
Molybdenum	ND	1.0	NA	1	B2A0019	01/03/2012	01/03/12 22:23	
Nickel	**23**	1.0	NA	1	B2A0019	01/03/2012	01/03/12 22:23	
Selenium	ND	1.0	NA	1	B2A0019	01/03/2012	01/03/12 22:23	
Silver	ND	1.0	NA	1	B2A0019	01/03/2012	01/03/12 22:23	
Thallium	ND	1.0	NA	1	B2A0019	01/03/2012	01/03/12 22:23	
Vanadium	**110**	1.0	NA	1	B2A0019	01/03/2012	01/03/12 22:23	
Zinc	**95**	1.0	NA	1	B2A0019	01/03/2012	01/03/12 22:23	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G60-0.5
Lab ID: 1100837-AS

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0019	01/03/2012	01/03/12 22:24	
Arsenic	ND	1.0	NA	1	B2A0019	01/03/2012	01/03/12 22:24	
Barium	**20**	1.0	NA	1	B2A0019	01/03/2012	01/03/12 22:24	
Beryllium	ND	1.0	NA	1	B2A0019	01/03/2012	01/03/12 22:24	
Cadmium	ND	1.0	NA	1	B2A0019	01/03/2012	01/03/12 22:24	
Chromium	**11**	1.0	NA	1	B2A0019	01/03/2012	01/03/12 22:24	
Cobalt	**23**	1.0	NA	1	B2A0019	01/03/2012	01/03/12 22:24	
Copper	**47**	2.0	NA	1	B2A0019	01/03/2012	01/03/12 22:24	
Lead	**3.3**	1.0	NA	1	B2A0019	01/03/2012	01/03/12 22:24	
Molybdenum	ND	1.0	NA	1	B2A0019	01/03/2012	01/03/12 22:24	
Nickel	**11**	1.0	NA	1	B2A0019	01/03/2012	01/03/12 22:24	
Selenium	ND	1.0	NA	1	B2A0019	01/03/2012	01/03/12 22:24	
Silver	ND	1.0	NA	1	B2A0019	01/03/2012	01/03/12 22:24	
Thallium	ND	1.0	NA	1	B2A0019	01/03/2012	01/03/12 22:24	
Vanadium	**130**	1.0	NA	1	B2A0019	01/03/2012	01/03/12 22:24	
Zinc	**56**	1.0	NA	1	B2A0019	01/03/2012	01/03/12 22:24	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G60-1.5
Lab ID: 1100837-AT

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0019	01/03/2012	01/03/12 22:30	
Arsenic	ND	1.0	NA	1	B2A0019	01/03/2012	01/03/12 22:30	
Barium	**24**	1.0	NA	1	B2A0019	01/03/2012	01/03/12 22:30	
Beryllium	ND	1.0	NA	1	B2A0019	01/03/2012	01/03/12 22:30	
Cadmium	ND	1.0	NA	1	B2A0019	01/03/2012	01/03/12 22:30	
Chromium	**17**	1.0	NA	1	B2A0019	01/03/2012	01/03/12 22:30	
Cobalt	**15**	1.0	NA	1	B2A0019	01/03/2012	01/03/12 22:30	
Copper	**35**	2.0	NA	1	B2A0019	01/03/2012	01/03/12 22:30	
Lead	**2.6**	1.0	NA	1	B2A0019	01/03/2012	01/03/12 22:30	
Molybdenum	ND	1.0	NA	1	B2A0019	01/03/2012	01/03/12 22:30	
Nickel	**13**	1.0	NA	1	B2A0019	01/03/2012	01/03/12 22:30	
Selenium	ND	1.0	NA	1	B2A0019	01/03/2012	01/03/12 22:30	
Silver	ND	1.0	NA	1	B2A0019	01/03/2012	01/03/12 22:30	
Thallium	ND	1.0	NA	1	B2A0019	01/03/2012	01/03/12 22:30	
Vanadium	**110**	1.0	NA	1	B2A0019	01/03/2012	01/03/12 22:30	
Zinc	**43**	1.0	NA	1	B2A0019	01/03/2012	01/03/12 22:30	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G60-2.5
Lab ID: 1100837-AU

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0019	01/03/2012	01/03/12 22:32	
Arsenic	ND	1.0	NA	1	B2A0019	01/03/2012	01/03/12 22:32	
Barium	**7.9**	1.0	NA	1	B2A0019	01/03/2012	01/03/12 22:32	
Beryllium	ND	1.0	NA	1	B2A0019	01/03/2012	01/03/12 22:32	
Cadmium	ND	1.0	NA	1	B2A0019	01/03/2012	01/03/12 22:32	
Chromium	**10**	1.0	NA	1	B2A0019	01/03/2012	01/03/12 22:32	
Cobalt	**18**	1.0	NA	1	B2A0019	01/03/2012	01/03/12 22:32	
Copper	**32**	2.0	NA	1	B2A0019	01/03/2012	01/03/12 22:32	
Lead	ND	1.0	NA	1	B2A0019	01/03/2012	01/03/12 22:32	
Molybdenum	ND	1.0	NA	1	B2A0019	01/03/2012	01/03/12 22:32	
Nickel	**11**	1.0	NA	1	B2A0019	01/03/2012	01/03/12 22:32	
Selenium	ND	1.0	NA	1	B2A0019	01/03/2012	01/03/12 22:32	
Silver	ND	1.0	NA	1	B2A0019	01/03/2012	01/03/12 22:32	
Thallium	ND	1.0	NA	1	B2A0019	01/03/2012	01/03/12 22:32	
Vanadium	**140**	1.0	NA	1	B2A0019	01/03/2012	01/03/12 22:32	
Zinc	**46**	1.0	NA	1	B2A0019	01/03/2012	01/03/12 22:32	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G61-0

Lab ID: 1100837-AV

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0020	01/03/2012	01/04/12 10:44	
Arsenic	**2.1**	1.0	NA	1	B2A0020	01/03/2012	01/04/12 10:44	
Barium	**150**	1.0	NA	1	B2A0020	01/03/2012	01/04/12 10:44	
Beryllium	ND	1.0	NA	1	B2A0020	01/03/2012	01/04/12 10:44	
Cadmium	ND	1.0	NA	1	B2A0020	01/03/2012	01/04/12 10:44	
Chromium	**23**	1.0	NA	1	B2A0020	01/03/2012	01/04/12 10:44	
Cobalt	**12**	1.0	NA	1	B2A0020	01/03/2012	01/04/12 10:44	
Copper	**47**	2.0	NA	1	B2A0020	01/03/2012	01/04/12 10:44	
Lead	**670**	1.0	NA	1	B2A0020	01/03/2012	01/04/12 10:44	
Molybdenum	ND	1.0	NA	1	B2A0020	01/03/2012	01/04/12 10:44	
Nickel	**33**	1.0	NA	1	B2A0020	01/03/2012	01/04/12 10:44	
Selenium	ND	1.0	NA	1	B2A0020	01/03/2012	01/04/12 10:44	
Silver	ND	1.0	NA	1	B2A0020	01/03/2012	01/04/12 10:44	
Thallium	ND	1.0	NA	1	B2A0020	01/03/2012	01/04/12 10:44	
Vanadium	**80**	1.0	NA	1	B2A0020	01/03/2012	01/04/12 10:44	
Zinc	**200**	1.0	NA	1	B2A0020	01/03/2012	01/04/12 10:44	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G61-0.5
Lab ID: 1100837-AW

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0020	01/03/2012	01/04/12 10:46	
Arsenic	ND	1.0	NA	1	B2A0020	01/03/2012	01/04/12 10:46	
Barium	**27**	1.0	NA	1	B2A0020	01/03/2012	01/04/12 10:46	
Beryllium	ND	1.0	NA	1	B2A0020	01/03/2012	01/04/12 10:46	
Cadmium	ND	1.0	NA	1	B2A0020	01/03/2012	01/04/12 10:46	
Chromium	**15**	1.0	NA	1	B2A0020	01/03/2012	01/04/12 10:46	
Cobalt	**18**	1.0	NA	1	B2A0020	01/03/2012	01/04/12 10:46	
Copper	**35**	2.0	NA	1	B2A0020	01/03/2012	01/04/12 10:46	
Lead	ND	1.0	NA	1	B2A0020	01/03/2012	01/04/12 10:46	
Molybdenum	ND	1.0	NA	1	B2A0020	01/03/2012	01/04/12 10:46	
Nickel	**14**	1.0	NA	1	B2A0020	01/03/2012	01/04/12 10:46	
Selenium	ND	1.0	NA	1	B2A0020	01/03/2012	01/04/12 10:46	
Silver	ND	1.0	NA	1	B2A0020	01/03/2012	01/04/12 10:46	
Thallium	ND	1.0	NA	1	B2A0020	01/03/2012	01/04/12 10:46	
Vanadium	**120**	1.0	NA	1	B2A0020	01/03/2012	01/04/12 10:46	
Zinc	**46**	1.0	NA	1	B2A0020	01/03/2012	01/04/12 10:46	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G61-1.5
Lab ID: 1100837-AX

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0020	01/03/2012	01/04/12 10:47	
Arsenic	**5.2**	1.0	NA	1	B2A0020	01/03/2012	01/04/12 10:47	
Barium	**65**	1.0	NA	1	B2A0020	01/03/2012	01/04/12 10:47	
Beryllium	ND	1.0	NA	1	B2A0020	01/03/2012	01/04/12 10:47	
Cadmium	ND	1.0	NA	1	B2A0020	01/03/2012	01/04/12 10:47	
Chromium	**31**	1.0	NA	1	B2A0020	01/03/2012	01/04/12 10:47	
Cobalt	**14**	1.0	NA	1	B2A0020	01/03/2012	01/04/12 10:47	
Copper	**42**	2.0	NA	1	B2A0020	01/03/2012	01/04/12 10:47	
Lead	**100**	1.0	NA	1	B2A0020	01/03/2012	01/04/12 10:47	
Molybdenum	ND	1.0	NA	1	B2A0020	01/03/2012	01/04/12 10:47	
Nickel	**38**	1.0	NA	1	B2A0020	01/03/2012	01/04/12 10:47	
Selenium	ND	1.0	NA	1	B2A0020	01/03/2012	01/04/12 10:47	
Silver	ND	1.0	NA	1	B2A0020	01/03/2012	01/04/12 10:47	
Thallium	ND	1.0	NA	1	B2A0020	01/03/2012	01/04/12 10:47	
Vanadium	**40**	1.0	NA	1	B2A0020	01/03/2012	01/04/12 10:47	
Zinc	**45**	1.0	NA	1	B2A0020	01/03/2012	01/04/12 10:47	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G61-2.5
Lab ID: 1100837-AY

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0020	01/03/2012	01/04/12 10:49	
Arsenic	**2.4**	1.0	NA	1	B2A0020	01/03/2012	01/04/12 10:49	
Barium	**60**	1.0	NA	1	B2A0020	01/03/2012	01/04/12 10:49	
Beryllium	ND	1.0	NA	1	B2A0020	01/03/2012	01/04/12 10:49	
Cadmium	ND	1.0	NA	1	B2A0020	01/03/2012	01/04/12 10:49	
Chromium	**33**	1.0	NA	1	B2A0020	01/03/2012	01/04/12 10:49	
Cobalt	**6.4**	1.0	NA	1	B2A0020	01/03/2012	01/04/12 10:49	
Copper	**13**	2.0	NA	1	B2A0020	01/03/2012	01/04/12 10:49	
Lead	**42**	1.0	NA	1	B2A0020	01/03/2012	01/04/12 10:49	
Molybdenum	ND	1.0	NA	1	B2A0020	01/03/2012	01/04/12 10:49	
Nickel	**52**	1.0	NA	1	B2A0020	01/03/2012	01/04/12 10:49	
Selenium	ND	1.0	NA	1	B2A0020	01/03/2012	01/04/12 10:49	
Silver	ND	1.0	NA	1	B2A0020	01/03/2012	01/04/12 10:49	
Thallium	ND	1.0	NA	1	B2A0020	01/03/2012	01/04/12 10:49	
Vanadium	**24**	1.0	NA	1	B2A0020	01/03/2012	01/04/12 10:49	
Zinc	**25**	1.0	NA	1	B2A0020	01/03/2012	01/04/12 10:49	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G62-0

Lab ID: 1100837-AZ

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0020	01/03/2012	01/04/12 10:51	
Arsenic	**5.5**	1.0	NA	1	B2A0020	01/03/2012	01/04/12 10:51	
Barium	**98**	1.0	NA	1	B2A0020	01/03/2012	01/04/12 10:51	
Beryllium	ND	1.0	NA	1	B2A0020	01/03/2012	01/04/12 10:51	
Cadmium	ND	1.0	NA	1	B2A0020	01/03/2012	01/04/12 10:51	
Chromium	**28**	1.0	NA	1	B2A0020	01/03/2012	01/04/12 10:51	
Cobalt	**12**	1.0	NA	1	B2A0020	01/03/2012	01/04/12 10:51	
Copper	**37**	2.0	NA	1	B2A0020	01/03/2012	01/04/12 10:51	
Lead	**26**	1.0	NA	1	B2A0020	01/03/2012	01/04/12 10:51	
Molybdenum	ND	1.0	NA	1	B2A0020	01/03/2012	01/04/12 10:51	
Nickel	**37**	1.0	NA	1	B2A0020	01/03/2012	01/04/12 10:51	
Selenium	ND	1.0	NA	1	B2A0020	01/03/2012	01/04/12 10:51	
Silver	ND	1.0	NA	1	B2A0020	01/03/2012	01/04/12 10:51	
Thallium	ND	1.0	NA	1	B2A0020	01/03/2012	01/04/12 10:51	
Vanadium	**35**	1.0	NA	1	B2A0020	01/03/2012	01/04/12 10:51	
Zinc	**56**	1.0	NA	1	B2A0020	01/03/2012	01/04/12 10:51	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G62-0.5
Lab ID: 1100837-BA

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0020	01/03/2012	01/04/12 10:52	
Arsenic	**4.8**	1.0	NA	1	B2A0020	01/03/2012	01/04/12 10:52	
Barium	**81**	1.0	NA	1	B2A0020	01/03/2012	01/04/12 10:52	
Beryllium	ND	1.0	NA	1	B2A0020	01/03/2012	01/04/12 10:52	
Cadmium	ND	1.0	NA	1	B2A0020	01/03/2012	01/04/12 10:52	
Chromium	**22**	1.0	NA	1	B2A0020	01/03/2012	01/04/12 10:52	
Cobalt	**9.2**	1.0	NA	1	B2A0020	01/03/2012	01/04/12 10:52	
Copper	**30**	2.0	NA	1	B2A0020	01/03/2012	01/04/12 10:52	
Lead	**23**	1.0	NA	1	B2A0020	01/03/2012	01/04/12 10:52	
Molybdenum	ND	1.0	NA	1	B2A0020	01/03/2012	01/04/12 10:52	
Nickel	**33**	1.0	NA	1	B2A0020	01/03/2012	01/04/12 10:52	
Selenium	ND	1.0	NA	1	B2A0020	01/03/2012	01/04/12 10:52	
Silver	ND	1.0	NA	1	B2A0020	01/03/2012	01/04/12 10:52	
Thallium	ND	1.0	NA	1	B2A0020	01/03/2012	01/04/12 10:52	
Vanadium	**27**	1.0	NA	1	B2A0020	01/03/2012	01/04/12 10:52	
Zinc	**45**	1.0	NA	1	B2A0020	01/03/2012	01/04/12 10:52	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G62-1.5
Lab ID: 1100837-BB

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0020	01/03/2012	01/04/12 10:54	
Arsenic	**8.5**	1.0	NA	1	B2A0020	01/03/2012	01/04/12 10:54	
Barium	**120**	1.0	NA	1	B2A0020	01/03/2012	01/04/12 10:54	
Beryllium	ND	1.0	NA	1	B2A0020	01/03/2012	01/04/12 10:54	
Cadmium	ND	1.0	NA	1	B2A0020	01/03/2012	01/04/12 10:54	
Chromium	**39**	1.0	NA	1	B2A0020	01/03/2012	01/04/12 10:54	
Cobalt	**17**	1.0	NA	1	B2A0020	01/03/2012	01/04/12 10:54	
Copper	**48**	2.0	NA	1	B2A0020	01/03/2012	01/04/12 10:54	
Lead	**87**	1.0	NA	1	B2A0020	01/03/2012	01/04/12 10:54	
Molybdenum	ND	1.0	NA	1	B2A0020	01/03/2012	01/04/12 10:54	
Nickel	**47**	1.0	NA	1	B2A0020	01/03/2012	01/04/12 10:54	
Selenium	ND	1.0	NA	1	B2A0020	01/03/2012	01/04/12 10:54	
Silver	ND	1.0	NA	1	B2A0020	01/03/2012	01/04/12 10:54	
Thallium	ND	1.0	NA	1	B2A0020	01/03/2012	01/04/12 10:54	
Vanadium	**44**	1.0	NA	1	B2A0020	01/03/2012	01/04/12 10:54	
Zinc	**63**	1.0	NA	1	B2A0020	01/03/2012	01/04/12 10:54	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G62-2.5
Lab ID: 1100837-BC

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0020	01/03/2012	01/04/12 10:56	
Arsenic	**8.1**	1.0	NA	1	B2A0020	01/03/2012	01/04/12 10:56	
Barium	**130**	1.0	NA	1	B2A0020	01/03/2012	01/04/12 10:56	
Beryllium	ND	1.0	NA	1	B2A0020	01/03/2012	01/04/12 10:56	
Cadmium	ND	1.0	NA	1	B2A0020	01/03/2012	01/04/12 10:56	
Chromium	**28**	1.0	NA	1	B2A0020	01/03/2012	01/04/12 10:56	
Cobalt	**11**	1.0	NA	1	B2A0020	01/03/2012	01/04/12 10:56	
Copper	**33**	2.0	NA	1	B2A0020	01/03/2012	01/04/12 10:56	
Lead	**33**	1.0	NA	1	B2A0020	01/03/2012	01/04/12 10:56	
Molybdenum	ND	1.0	NA	1	B2A0020	01/03/2012	01/04/12 10:56	
Nickel	**46**	1.0	NA	1	B2A0020	01/03/2012	01/04/12 10:56	
Selenium	ND	1.0	NA	1	B2A0020	01/03/2012	01/04/12 10:56	
Silver	ND	1.0	NA	1	B2A0020	01/03/2012	01/04/12 10:56	
Thallium	ND	1.0	NA	1	B2A0020	01/03/2012	01/04/12 10:56	
Vanadium	**37**	1.0	NA	1	B2A0020	01/03/2012	01/04/12 10:56	
Zinc	**53**	1.0	NA	1	B2A0020	01/03/2012	01/04/12 10:56	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G63-0

Lab ID: 1100837-BD

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0020	01/03/2012	01/04/12 11:01	
Arsenic	**4.9**	1.0	NA	1	B2A0020	01/03/2012	01/04/12 11:01	
Barium	**110**	1.0	NA	1	B2A0020	01/03/2012	01/04/12 11:01	
Beryllium	ND	1.0	NA	1	B2A0020	01/03/2012	01/04/12 11:01	
Cadmium	ND	1.0	NA	1	B2A0020	01/03/2012	01/04/12 11:01	
Chromium	**39**	1.0	NA	1	B2A0020	01/03/2012	01/04/12 11:01	
Cobalt	**13**	1.0	NA	1	B2A0020	01/03/2012	01/04/12 11:01	
Copper	**42**	2.0	NA	1	B2A0020	01/03/2012	01/04/12 11:01	
Lead	**97**	1.0	NA	1	B2A0020	01/03/2012	01/04/12 11:01	
Molybdenum	ND	1.0	NA	1	B2A0020	01/03/2012	01/04/12 11:01	
Nickel	**50**	1.0	NA	1	B2A0020	01/03/2012	01/04/12 11:01	
Selenium	ND	1.0	NA	1	B2A0020	01/03/2012	01/04/12 11:01	
Silver	ND	1.0	NA	1	B2A0020	01/03/2012	01/04/12 11:01	
Thallium	ND	1.0	NA	1	B2A0020	01/03/2012	01/04/12 11:01	
Vanadium	**41**	1.0	NA	1	B2A0020	01/03/2012	01/04/12 11:01	
Zinc	**65**	1.0	NA	1	B2A0020	01/03/2012	01/04/12 11:01	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G63-0.5
Lab ID: 1100837-BE

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0020	01/03/2012	01/04/12 11:03	
Arsenic	**5.6**	1.0	NA	1	B2A0020	01/03/2012	01/04/12 11:03	
Barium	**510**	1.0	NA	1	B2A0020	01/03/2012	01/04/12 11:03	
Beryllium	ND	1.0	NA	1	B2A0020	01/03/2012	01/04/12 11:03	
Cadmium	ND	1.0	NA	1	B2A0020	01/03/2012	01/04/12 11:03	
Chromium	**23**	1.0	NA	1	B2A0020	01/03/2012	01/04/12 11:03	
Cobalt	**12**	1.0	NA	1	B2A0020	01/03/2012	01/04/12 11:03	
Copper	**34**	2.0	NA	1	B2A0020	01/03/2012	01/04/12 11:03	
Lead	**89**	1.0	NA	1	B2A0020	01/03/2012	01/04/12 11:03	
Molybdenum	ND	1.0	NA	1	B2A0020	01/03/2012	01/04/12 11:03	
Nickel	**43**	1.0	NA	1	B2A0020	01/03/2012	01/04/12 11:03	
Selenium	**1.0**	1.0	NA	1	B2A0020	01/03/2012	01/04/12 11:03	
Silver	ND	1.0	NA	1	B2A0020	01/03/2012	01/04/12 11:03	
Thallium	**1.3**	1.0	NA	1	B2A0020	01/03/2012	01/04/12 11:03	
Vanadium	**32**	1.0	NA	1	B2A0020	01/03/2012	01/04/12 11:03	
Zinc	**51**	1.0	NA	1	B2A0020	01/03/2012	01/04/12 11:03	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G63-1.5
Lab ID: 1100837-BF

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0021	01/03/2012	01/04/12 11:13	
Arsenic	**5.6**	1.0	NA	1	B2A0021	01/03/2012	01/04/12 11:13	
Barium	**110**	1.0	NA	1	B2A0021	01/03/2012	01/04/12 11:13	
Beryllium	ND	1.0	NA	1	B2A0021	01/03/2012	01/04/12 11:13	
Cadmium	ND	1.0	NA	1	B2A0021	01/03/2012	01/04/12 11:13	
Chromium	**27**	1.0	NA	1	B2A0021	01/03/2012	01/04/12 11:13	
Cobalt	**12**	1.0	NA	1	B2A0021	01/03/2012	01/04/12 11:13	
Copper	**33**	2.0	NA	1	B2A0021	01/03/2012	01/04/12 11:13	
Lead	**70**	1.0	NA	1	B2A0021	01/03/2012	01/04/12 11:13	
Molybdenum	ND	1.0	NA	1	B2A0021	01/03/2012	01/04/12 11:13	
Nickel	**40**	1.0	NA	1	B2A0021	01/03/2012	01/04/12 11:13	
Selenium	ND	1.0	NA	1	B2A0021	01/03/2012	01/04/12 11:13	
Silver	ND	1.0	NA	1	B2A0021	01/03/2012	01/04/12 11:13	
Thallium	ND	1.0	NA	1	B2A0021	01/03/2012	01/04/12 11:13	
Vanadium	**35**	1.0	NA	1	B2A0021	01/03/2012	01/04/12 11:13	
Zinc	**51**	1.0	NA	1	B2A0021	01/03/2012	01/04/12 11:13	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G63-2.5
Lab ID: 1100837-BG

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0021	01/03/2012	01/04/12 11:14	
Arsenic	**5.0**	1.0	NA	1	B2A0021	01/03/2012	01/04/12 11:14	
Barium	**100**	1.0	NA	1	B2A0021	01/03/2012	01/04/12 11:14	
Beryllium	ND	1.0	NA	1	B2A0021	01/03/2012	01/04/12 11:14	
Cadmium	ND	1.0	NA	1	B2A0021	01/03/2012	01/04/12 11:14	
Chromium	**37**	1.0	NA	1	B2A0021	01/03/2012	01/04/12 11:14	
Cobalt	**15**	1.0	NA	1	B2A0021	01/03/2012	01/04/12 11:14	
Copper	**44**	2.0	NA	1	B2A0021	01/03/2012	01/04/12 11:14	
Lead	**82**	1.0	NA	1	B2A0021	01/03/2012	01/04/12 11:14	
Molybdenum	ND	1.0	NA	1	B2A0021	01/03/2012	01/04/12 11:14	
Nickel	**46**	1.0	NA	1	B2A0021	01/03/2012	01/04/12 11:14	
Selenium	ND	1.0	NA	1	B2A0021	01/03/2012	01/04/12 11:14	
Silver	ND	1.0	NA	1	B2A0021	01/03/2012	01/04/12 11:14	
Thallium	ND	1.0	NA	1	B2A0021	01/03/2012	01/04/12 11:14	
Vanadium	**42**	1.0	NA	1	B2A0021	01/03/2012	01/04/12 11:14	
Zinc	**49**	1.0	NA	1	B2A0021	01/03/2012	01/04/12 11:14	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G64-0

Lab ID: 1100837-BH

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0021	01/03/2012	01/04/12 11:16	
Arsenic	**3.0**	1.0	NA	1	B2A0021	01/03/2012	01/04/12 11:16	
Barium	**85**	1.0	NA	1	B2A0021	01/03/2012	01/04/12 11:16	
Beryllium	ND	1.0	NA	1	B2A0021	01/03/2012	01/04/12 11:16	
Cadmium	ND	1.0	NA	1	B2A0021	01/03/2012	01/04/12 11:16	
Chromium	**21**	1.0	NA	1	B2A0021	01/03/2012	01/04/12 11:16	
Cobalt	**11**	1.0	NA	1	B2A0021	01/03/2012	01/04/12 11:16	
Copper	**40**	2.0	NA	1	B2A0021	01/03/2012	01/04/12 11:16	
Lead	**420**	1.0	NA	1	B2A0021	01/03/2012	01/04/12 11:16	
Molybdenum	ND	1.0	NA	1	B2A0021	01/03/2012	01/04/12 11:16	
Nickel	**26**	1.0	NA	1	B2A0021	01/03/2012	01/04/12 11:16	
Selenium	ND	1.0	NA	1	B2A0021	01/03/2012	01/04/12 11:16	
Silver	ND	1.0	NA	1	B2A0021	01/03/2012	01/04/12 11:16	
Thallium	ND	1.0	NA	1	B2A0021	01/03/2012	01/04/12 11:16	
Vanadium	**72**	1.0	NA	1	B2A0021	01/03/2012	01/04/12 11:16	
Zinc	**140**	1.0	NA	1	B2A0021	01/03/2012	01/04/12 11:16	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G64-0.5
Lab ID: 1100837-BI

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0021	01/03/2012	01/04/12 11:22	
Arsenic	ND	1.0	NA	1	B2A0021	01/03/2012	01/04/12 11:22	
Barium	**14**	1.0	NA	1	B2A0021	01/03/2012	01/04/12 11:22	
Beryllium	ND	1.0	NA	1	B2A0021	01/03/2012	01/04/12 11:22	
Cadmium	ND	1.0	NA	1	B2A0021	01/03/2012	01/04/12 11:22	
Chromium	**12**	1.0	NA	1	B2A0021	01/03/2012	01/04/12 11:22	
Cobalt	**15**	1.0	NA	1	B2A0021	01/03/2012	01/04/12 11:22	
Copper	**39**	2.0	NA	1	B2A0021	01/03/2012	01/04/12 11:22	
Lead	ND	1.0	NA	1	B2A0021	01/03/2012	01/04/12 11:22	
Molybdenum	ND	1.0	NA	1	B2A0021	01/03/2012	01/04/12 11:22	
Nickel	**11**	1.0	NA	1	B2A0021	01/03/2012	01/04/12 11:22	
Selenium	ND	1.0	NA	1	B2A0021	01/03/2012	01/04/12 11:22	
Silver	ND	1.0	NA	1	B2A0021	01/03/2012	01/04/12 11:22	
Thallium	ND	1.0	NA	1	B2A0021	01/03/2012	01/04/12 11:22	
Vanadium	**130**	1.0	NA	1	B2A0021	01/03/2012	01/04/12 11:22	
Zinc	**46**	1.0	NA	1	B2A0021	01/03/2012	01/04/12 11:22	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G64-1.5
Lab ID: 1100837-BJ

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0021	01/03/2012	01/04/12 11:23	
Arsenic	ND	1.0	NA	1	B2A0021	01/03/2012	01/04/12 11:23	
Barium	**9.9**	1.0	NA	1	B2A0021	01/03/2012	01/04/12 11:23	
Beryllium	ND	1.0	NA	1	B2A0021	01/03/2012	01/04/12 11:23	
Cadmium	ND	1.0	NA	1	B2A0021	01/03/2012	01/04/12 11:23	
Chromium	**12**	1.0	NA	1	B2A0021	01/03/2012	01/04/12 11:23	
Cobalt	**24**	1.0	NA	1	B2A0021	01/03/2012	01/04/12 11:23	
Copper	**50**	2.0	NA	1	B2A0021	01/03/2012	01/04/12 11:23	
Lead	ND	1.0	NA	1	B2A0021	01/03/2012	01/04/12 11:23	
Molybdenum	ND	1.0	NA	1	B2A0021	01/03/2012	01/04/12 11:23	
Nickel	**13**	1.0	NA	1	B2A0021	01/03/2012	01/04/12 11:23	
Selenium	ND	1.0	NA	1	B2A0021	01/03/2012	01/04/12 11:23	
Silver	ND	1.0	NA	1	B2A0021	01/03/2012	01/04/12 11:23	
Thallium	ND	1.0	NA	1	B2A0021	01/03/2012	01/04/12 11:23	
Vanadium	**170**	1.0	NA	1	B2A0021	01/03/2012	01/04/12 11:23	
Zinc	**51**	1.0	NA	1	B2A0021	01/03/2012	01/04/12 11:23	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G64-2.5
Lab ID: 1100837-BK

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0021	01/03/2012	01/04/12 11:25	
Arsenic	**1.1**	1.0	NA	1	B2A0021	01/03/2012	01/04/12 11:25	
Barium	**9.9**	1.0	NA	1	B2A0021	01/03/2012	01/04/12 11:25	
Beryllium	ND	1.0	NA	1	B2A0021	01/03/2012	01/04/12 11:25	
Cadmium	ND	1.0	NA	1	B2A0021	01/03/2012	01/04/12 11:25	
Chromium	**8.1**	1.0	NA	1	B2A0021	01/03/2012	01/04/12 11:25	
Cobalt	**16**	1.0	NA	1	B2A0021	01/03/2012	01/04/12 11:25	
Copper	**26**	2.0	NA	1	B2A0021	01/03/2012	01/04/12 11:25	
Lead	ND	1.0	NA	1	B2A0021	01/03/2012	01/04/12 11:25	
Molybdenum	ND	1.0	NA	1	B2A0021	01/03/2012	01/04/12 11:25	
Nickel	**10**	1.0	NA	1	B2A0021	01/03/2012	01/04/12 11:25	
Selenium	ND	1.0	NA	1	B2A0021	01/03/2012	01/04/12 11:25	
Silver	ND	1.0	NA	1	B2A0021	01/03/2012	01/04/12 11:25	
Thallium	ND	1.0	NA	1	B2A0021	01/03/2012	01/04/12 11:25	
Vanadium	**140**	1.0	NA	1	B2A0021	01/03/2012	01/04/12 11:25	
Zinc	**46**	1.0	NA	1	B2A0021	01/03/2012	01/04/12 11:25	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G65-0

Lab ID: 1100837-BL

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0021	01/03/2012	01/04/12 11:26	
Arsenic	**3.7**	1.0	NA	1	B2A0021	01/03/2012	01/04/12 11:26	
Barium	**88**	1.0	NA	1	B2A0021	01/03/2012	01/04/12 11:26	
Beryllium	ND	1.0	NA	1	B2A0021	01/03/2012	01/04/12 11:26	
Cadmium	ND	1.0	NA	1	B2A0021	01/03/2012	01/04/12 11:26	
Chromium	**28**	1.0	NA	1	B2A0021	01/03/2012	01/04/12 11:26	
Cobalt	**13**	1.0	NA	1	B2A0021	01/03/2012	01/04/12 11:26	
Copper	**81**	2.0	NA	1	B2A0021	01/03/2012	01/04/12 11:26	
Lead	**690**	1.0	NA	1	B2A0021	01/03/2012	01/04/12 11:26	
Molybdenum	ND	1.0	NA	1	B2A0021	01/03/2012	01/04/12 11:26	
Nickel	**34**	1.0	NA	1	B2A0021	01/03/2012	01/04/12 11:26	
Selenium	ND	1.0	NA	1	B2A0021	01/03/2012	01/04/12 11:26	
Silver	ND	1.0	NA	1	B2A0021	01/03/2012	01/04/12 11:26	
Thallium	ND	1.0	NA	1	B2A0021	01/03/2012	01/04/12 11:26	
Vanadium	**77**	1.0	NA	1	B2A0021	01/03/2012	01/04/12 11:26	
Zinc	**140**	1.0	NA	1	B2A0021	01/03/2012	01/04/12 11:26	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G65-0.5
Lab ID: 1100837-BM

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0021	01/03/2012	01/04/12 11:28	
Arsenic	**5.1**	1.0	NA	1	B2A0021	01/03/2012	01/04/12 11:28	
Barium	**83**	1.0	NA	1	B2A0021	01/03/2012	01/04/12 11:28	
Beryllium	ND	1.0	NA	1	B2A0021	01/03/2012	01/04/12 11:28	
Cadmium	ND	1.0	NA	1	B2A0021	01/03/2012	01/04/12 11:28	
Chromium	**23**	1.0	NA	1	B2A0021	01/03/2012	01/04/12 11:28	
Cobalt	**10**	1.0	NA	1	B2A0021	01/03/2012	01/04/12 11:28	
Copper	**30**	2.0	NA	1	B2A0021	01/03/2012	01/04/12 11:28	
Lead	**86**	1.0	NA	1	B2A0021	01/03/2012	01/04/12 11:28	
Molybdenum	ND	1.0	NA	1	B2A0021	01/03/2012	01/04/12 11:28	
Nickel	**31**	1.0	NA	1	B2A0021	01/03/2012	01/04/12 11:28	
Selenium	ND	1.0	NA	1	B2A0021	01/03/2012	01/04/12 11:28	
Silver	ND	1.0	NA	1	B2A0021	01/03/2012	01/04/12 11:28	
Thallium	ND	1.0	NA	1	B2A0021	01/03/2012	01/04/12 11:28	
Vanadium	**27**	1.0	NA	1	B2A0021	01/03/2012	01/04/12 11:28	
Zinc	**45**	1.0	NA	1	B2A0021	01/03/2012	01/04/12 11:28	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G65-1.5
Lab ID: 1100837-BN

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0021	01/03/2012	01/04/12 11:30	
Arsenic	**5.4**	1.0	NA	1	B2A0021	01/03/2012	01/04/12 11:30	
Barium	**150**	1.0	NA	1	B2A0021	01/03/2012	01/04/12 11:30	
Beryllium	ND	1.0	NA	1	B2A0021	01/03/2012	01/04/12 11:30	
Cadmium	ND	1.0	NA	1	B2A0021	01/03/2012	01/04/12 11:30	
Chromium	**24**	1.0	NA	1	B2A0021	01/03/2012	01/04/12 11:30	
Cobalt	**16**	1.0	NA	1	B2A0021	01/03/2012	01/04/12 11:30	
Copper	**32**	2.0	NA	1	B2A0021	01/03/2012	01/04/12 11:30	
Lead	**39**	1.0	NA	1	B2A0021	01/03/2012	01/04/12 11:30	
Molybdenum	ND	1.0	NA	1	B2A0021	01/03/2012	01/04/12 11:30	
Nickel	**45**	1.0	NA	1	B2A0021	01/03/2012	01/04/12 11:30	
Selenium	ND	1.0	NA	1	B2A0021	01/03/2012	01/04/12 11:30	
Silver	ND	1.0	NA	1	B2A0021	01/03/2012	01/04/12 11:30	
Thallium	ND	1.0	NA	1	B2A0021	01/03/2012	01/04/12 11:30	
Vanadium	**30**	1.0	NA	1	B2A0021	01/03/2012	01/04/12 11:30	
Zinc	**48**	1.0	NA	1	B2A0021	01/03/2012	01/04/12 11:30	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G65-2.5
Lab ID: 1100837-BO

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0021	01/03/2012	01/04/12 11:31	
Arsenic	**4.0**	1.0	NA	1	B2A0021	01/03/2012	01/04/12 11:31	
Barium	**77**	1.0	NA	1	B2A0021	01/03/2012	01/04/12 11:31	
Beryllium	ND	1.0	NA	1	B2A0021	01/03/2012	01/04/12 11:31	
Cadmium	ND	1.0	NA	1	B2A0021	01/03/2012	01/04/12 11:31	
Chromium	**30**	1.0	NA	1	B2A0021	01/03/2012	01/04/12 11:31	
Cobalt	**13**	1.0	NA	1	B2A0021	01/03/2012	01/04/12 11:31	
Copper	**35**	2.0	NA	1	B2A0021	01/03/2012	01/04/12 11:31	
Lead	**280**	1.0	NA	1	B2A0021	01/03/2012	01/04/12 11:31	
Molybdenum	ND	1.0	NA	1	B2A0021	01/03/2012	01/04/12 11:31	
Nickel	**43**	1.0	NA	1	B2A0021	01/03/2012	01/04/12 11:31	
Selenium	ND	1.0	NA	1	B2A0021	01/03/2012	01/04/12 11:31	
Silver	ND	1.0	NA	1	B2A0021	01/03/2012	01/04/12 11:31	
Thallium	ND	1.0	NA	1	B2A0021	01/03/2012	01/04/12 11:31	
Vanadium	**33**	1.0	NA	1	B2A0021	01/03/2012	01/04/12 11:31	
Zinc	**60**	1.0	NA	1	B2A0021	01/03/2012	01/04/12 11:31	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G66-0

Lab ID: 1100837-BP

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0022	01/03/2012	01/04/12 11:46	
Arsenic	**5.3**	1.0	NA	1	B2A0022	01/03/2012	01/04/12 11:46	
Barium	**130**	1.0	NA	1	B2A0022	01/03/2012	01/04/12 11:46	
Beryllium	ND	1.0	NA	1	B2A0022	01/03/2012	01/04/12 11:46	
Cadmium	ND	1.0	NA	1	B2A0022	01/03/2012	01/04/12 11:46	
Chromium	**27**	1.0	NA	1	B2A0022	01/03/2012	01/04/12 11:46	
Cobalt	**12**	1.0	NA	1	B2A0022	01/03/2012	01/04/12 11:46	
Copper	**48**	2.0	NA	1	B2A0022	01/03/2012	01/04/12 11:46	
Lead	**94**	1.0	NA	1	B2A0022	01/03/2012	01/04/12 11:46	
Molybdenum	ND	1.0	NA	1	B2A0022	01/03/2012	01/04/12 11:46	
Nickel	**39**	1.0	NA	1	B2A0022	01/03/2012	01/04/12 11:46	
Selenium	ND	1.0	NA	1	B2A0022	01/03/2012	01/04/12 11:46	
Silver	ND	1.0	NA	1	B2A0022	01/03/2012	01/04/12 11:46	
Thallium	ND	1.0	NA	1	B2A0022	01/03/2012	01/04/12 11:46	
Vanadium	**44**	1.0	NA	1	B2A0022	01/03/2012	01/04/12 11:46	
Zinc	**140**	1.0	NA	1	B2A0022	01/03/2012	01/04/12 11:46	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G66-0.5
Lab ID: 1100837-BQ

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0022	01/03/2012	01/04/12 11:47	
Arsenic	**8.8**	1.0	NA	1	B2A0022	01/03/2012	01/04/12 11:47	
Barium	**100**	1.0	NA	1	B2A0022	01/03/2012	01/04/12 11:47	
Beryllium	ND	1.0	NA	1	B2A0022	01/03/2012	01/04/12 11:47	
Cadmium	ND	1.0	NA	1	B2A0022	01/03/2012	01/04/12 11:47	
Chromium	**36**	1.0	NA	1	B2A0022	01/03/2012	01/04/12 11:47	
Cobalt	**14**	1.0	NA	1	B2A0022	01/03/2012	01/04/12 11:47	
Copper	**52**	2.0	NA	1	B2A0022	01/03/2012	01/04/12 11:47	
Lead	**59**	1.0	NA	1	B2A0022	01/03/2012	01/04/12 11:47	
Molybdenum	ND	1.0	NA	1	B2A0022	01/03/2012	01/04/12 11:47	
Nickel	**45**	1.0	NA	1	B2A0022	01/03/2012	01/04/12 11:47	
Selenium	ND	1.0	NA	1	B2A0022	01/03/2012	01/04/12 11:47	
Silver	ND	1.0	NA	1	B2A0022	01/03/2012	01/04/12 11:47	
Thallium	ND	1.0	NA	1	B2A0022	01/03/2012	01/04/12 11:47	
Vanadium	**41**	1.0	NA	1	B2A0022	01/03/2012	01/04/12 11:47	
Zinc	**61**	1.0	NA	1	B2A0022	01/03/2012	01/04/12 11:47	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G66-1.5
Lab ID: 1100837-BR

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0022	01/03/2012	01/04/12 11:49	
Arsenic	**4.0**	1.0	NA	1	B2A0022	01/03/2012	01/04/12 11:49	
Barium	**79**	1.0	NA	1	B2A0022	01/03/2012	01/04/12 11:49	
Beryllium	ND	1.0	NA	1	B2A0022	01/03/2012	01/04/12 11:49	
Cadmium	ND	1.0	NA	1	B2A0022	01/03/2012	01/04/12 11:49	
Chromium	**30**	1.0	NA	1	B2A0022	01/03/2012	01/04/12 11:49	
Cobalt	**15**	1.0	NA	1	B2A0022	01/03/2012	01/04/12 11:49	
Copper	**38**	2.0	NA	1	B2A0022	01/03/2012	01/04/12 11:49	
Lead	**51**	1.0	NA	1	B2A0022	01/03/2012	01/04/12 11:49	
Molybdenum	ND	1.0	NA	1	B2A0022	01/03/2012	01/04/12 11:49	
Nickel	**37**	1.0	NA	1	B2A0022	01/03/2012	01/04/12 11:49	
Selenium	ND	1.0	NA	1	B2A0022	01/03/2012	01/04/12 11:49	
Silver	ND	1.0	NA	1	B2A0022	01/03/2012	01/04/12 11:49	
Thallium	ND	1.0	NA	1	B2A0022	01/03/2012	01/04/12 11:49	
Vanadium	**44**	1.0	NA	1	B2A0022	01/03/2012	01/04/12 11:49	
Zinc	**46**	1.0	NA	1	B2A0022	01/03/2012	01/04/12 11:49	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G66-2.5
Lab ID: 1100837-BS

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	10	NA	5	B2A0022	01/03/2012	01/04/12 13:39	
Arsenic	**7.0**	5.0	NA	5	B2A0022	01/03/2012	01/04/12 13:39	
Barium	**120**	5.0	NA	5	B2A0022	01/03/2012	01/04/12 13:39	
Beryllium	ND	5.0	NA	5	B2A0022	01/03/2012	01/04/12 13:39	
Cadmium	ND	5.0	NA	5	B2A0022	01/03/2012	01/04/12 13:39	
Chromium	**32**	5.0	NA	5	B2A0022	01/03/2012	01/04/12 13:39	
Cobalt	**12**	5.0	NA	5	B2A0022	01/03/2012	01/04/12 13:39	
Copper	**44**	10	NA	5	B2A0022	01/03/2012	01/04/12 13:39	
Lead	**170**	5.0	NA	5	B2A0022	01/03/2012	01/04/12 13:39	
Molybdenum	ND	5.0	NA	5	B2A0022	01/03/2012	01/04/12 13:39	
Nickel	**46**	5.0	NA	5	B2A0022	01/03/2012	01/04/12 13:39	
Selenium	ND	5.0	NA	5	B2A0022	01/03/2012	01/04/12 13:39	
Silver	ND	5.0	NA	5	B2A0022	01/03/2012	01/04/12 13:39	
Thallium	ND	5.0	NA	5	B2A0022	01/03/2012	01/04/12 13:39	
Vanadium	**36**	5.0	NA	5	B2A0022	01/03/2012	01/04/12 13:39	
Zinc	**85**	5.0	NA	5	B2A0022	01/03/2012	01/04/12 13:39	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G68-0

Lab ID: 1100837-BT

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0022	01/03/2012	01/04/12 11:52	
Arsenic	ND	1.0	NA	1	B2A0022	01/03/2012	01/04/12 11:52	
Barium	**47**	1.0	NA	1	B2A0022	01/03/2012	01/04/12 11:52	
Beryllium	ND	1.0	NA	1	B2A0022	01/03/2012	01/04/12 11:52	
Cadmium	ND	1.0	NA	1	B2A0022	01/03/2012	01/04/12 11:52	
Chromium	**12**	1.0	NA	1	B2A0022	01/03/2012	01/04/12 11:52	
Cobalt	**12**	1.0	NA	1	B2A0022	01/03/2012	01/04/12 11:52	
Copper	**43**	2.0	NA	1	B2A0022	01/03/2012	01/04/12 11:52	
Lead	**120**	1.0	NA	1	B2A0022	01/03/2012	01/04/12 11:52	
Molybdenum	ND	1.0	NA	1	B2A0022	01/03/2012	01/04/12 11:52	
Nickel	**18**	1.0	NA	1	B2A0022	01/03/2012	01/04/12 11:52	
Selenium	ND	1.0	NA	1	B2A0022	01/03/2012	01/04/12 11:52	
Silver	ND	1.0	NA	1	B2A0022	01/03/2012	01/04/12 11:52	
Thallium	ND	1.0	NA	1	B2A0022	01/03/2012	01/04/12 11:52	
Vanadium	**92**	1.0	NA	1	B2A0022	01/03/2012	01/04/12 11:52	
Zinc	**74**	1.0	NA	1	B2A0022	01/03/2012	01/04/12 11:52	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G68-0.5
Lab ID: 1100837-BU

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0022	01/03/2012	01/04/12 11:54	
Arsenic	ND	1.0	NA	1	B2A0022	01/03/2012	01/04/12 11:54	
Barium	**14**	1.0	NA	1	B2A0022	01/03/2012	01/04/12 11:54	
Beryllium	ND	1.0	NA	1	B2A0022	01/03/2012	01/04/12 11:54	
Cadmium	ND	1.0	NA	1	B2A0022	01/03/2012	01/04/12 11:54	
Chromium	**11**	1.0	NA	1	B2A0022	01/03/2012	01/04/12 11:54	
Cobalt	**26**	1.0	NA	1	B2A0022	01/03/2012	01/04/12 11:54	
Copper	**37**	2.0	NA	1	B2A0022	01/03/2012	01/04/12 11:54	
Lead	ND	1.0	NA	1	B2A0022	01/03/2012	01/04/12 11:54	
Molybdenum	ND	1.0	NA	1	B2A0022	01/03/2012	01/04/12 11:54	
Nickel	**14**	1.0	NA	1	B2A0022	01/03/2012	01/04/12 11:54	
Selenium	ND	1.0	NA	1	B2A0022	01/03/2012	01/04/12 11:54	
Silver	ND	1.0	NA	1	B2A0022	01/03/2012	01/04/12 11:54	
Thallium	ND	1.0	NA	1	B2A0022	01/03/2012	01/04/12 11:54	
Vanadium	**190**	1.0	NA	1	B2A0022	01/03/2012	01/04/12 11:54	
Zinc	**51**	1.0	NA	1	B2A0022	01/03/2012	01/04/12 11:54	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G68-1.5
Lab ID: 1100837-BV

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0022	01/03/2012	01/04/12 11:55	
Arsenic	ND	1.0	NA	1	B2A0022	01/03/2012	01/04/12 11:55	
Barium	**7.8**	1.0	NA	1	B2A0022	01/03/2012	01/04/12 11:55	
Beryllium	ND	1.0	NA	1	B2A0022	01/03/2012	01/04/12 11:55	
Cadmium	ND	1.0	NA	1	B2A0022	01/03/2012	01/04/12 11:55	
Chromium	**9.8**	1.0	NA	1	B2A0022	01/03/2012	01/04/12 11:55	
Cobalt	**27**	1.0	NA	1	B2A0022	01/03/2012	01/04/12 11:55	
Copper	**40**	2.0	NA	1	B2A0022	01/03/2012	01/04/12 11:55	
Lead	ND	1.0	NA	1	B2A0022	01/03/2012	01/04/12 11:55	
Molybdenum	ND	1.0	NA	1	B2A0022	01/03/2012	01/04/12 11:55	
Nickel	**24**	1.0	NA	1	B2A0022	01/03/2012	01/04/12 11:55	
Selenium	ND	1.0	NA	1	B2A0022	01/03/2012	01/04/12 11:55	
Silver	ND	1.0	NA	1	B2A0022	01/03/2012	01/04/12 11:55	
Thallium	ND	1.0	NA	1	B2A0022	01/03/2012	01/04/12 11:55	
Vanadium	**150**	1.0	NA	1	B2A0022	01/03/2012	01/04/12 11:55	
Zinc	**48**	1.0	NA	1	B2A0022	01/03/2012	01/04/12 11:55	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G68-2.5
Lab ID: 1100837-BW

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0022	01/03/2012	01/04/12 11:57	
Arsenic	ND	1.0	NA	1	B2A0022	01/03/2012	01/04/12 11:57	
Barium	**10**	1.0	NA	1	B2A0022	01/03/2012	01/04/12 11:57	
Beryllium	ND	1.0	NA	1	B2A0022	01/03/2012	01/04/12 11:57	
Cadmium	ND	1.0	NA	1	B2A0022	01/03/2012	01/04/12 11:57	
Chromium	**8.3**	1.0	NA	1	B2A0022	01/03/2012	01/04/12 11:57	
Cobalt	**16**	1.0	NA	1	B2A0022	01/03/2012	01/04/12 11:57	
Copper	**33**	2.0	NA	1	B2A0022	01/03/2012	01/04/12 11:57	
Lead	ND	1.0	NA	1	B2A0022	01/03/2012	01/04/12 11:57	
Molybdenum	ND	1.0	NA	1	B2A0022	01/03/2012	01/04/12 11:57	
Nickel	**9.8**	1.0	NA	1	B2A0022	01/03/2012	01/04/12 11:57	
Selenium	ND	1.0	NA	1	B2A0022	01/03/2012	01/04/12 11:57	
Silver	ND	1.0	NA	1	B2A0022	01/03/2012	01/04/12 11:57	
Thallium	ND	1.0	NA	1	B2A0022	01/03/2012	01/04/12 11:57	
Vanadium	**140**	1.0	NA	1	B2A0022	01/03/2012	01/04/12 11:57	
Zinc	**49**	1.0	NA	1	B2A0022	01/03/2012	01/04/12 11:57	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G69-0
Lab ID: 1100837-BX

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0022	01/03/2012	01/04/12 12:02	
Arsenic	**2.8**	1.0	NA	1	B2A0022	01/03/2012	01/04/12 12:02	
Barium	**140**	1.0	NA	1	B2A0022	01/03/2012	01/04/12 12:02	
Beryllium	ND	1.0	NA	1	B2A0022	01/03/2012	01/04/12 12:02	
Cadmium	ND	1.0	NA	1	B2A0022	01/03/2012	01/04/12 12:02	
Chromium	**29**	1.0	NA	1	B2A0022	01/03/2012	01/04/12 12:02	
Cobalt	**13**	1.0	NA	1	B2A0022	01/03/2012	01/04/12 12:02	
Copper	**54**	2.0	NA	1	B2A0022	01/03/2012	01/04/12 12:02	
Lead	**190**	1.0	NA	1	B2A0022	01/03/2012	01/04/12 12:02	
Molybdenum	ND	1.0	NA	1	B2A0022	01/03/2012	01/04/12 12:02	
Nickel	**34**	1.0	NA	1	B2A0022	01/03/2012	01/04/12 12:02	
Selenium	ND	1.0	NA	1	B2A0022	01/03/2012	01/04/12 12:02	
Silver	ND	1.0	NA	1	B2A0022	01/03/2012	01/04/12 12:02	
Thallium	ND	1.0	NA	1	B2A0022	01/03/2012	01/04/12 12:02	
Vanadium	**86**	1.0	NA	1	B2A0022	01/03/2012	01/04/12 12:02	
Zinc	**240**	1.0	NA	1	B2A0022	01/03/2012	01/04/12 12:02	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G69-0.5
Lab ID: 1100837-BY

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0022	01/03/2012	01/04/12 12:04	
Arsenic	**10**	1.0	NA	1	B2A0022	01/03/2012	01/04/12 12:04	
Barium	**260**	1.0	NA	1	B2A0022	01/03/2012	01/04/12 12:04	
Beryllium	ND	1.0	NA	1	B2A0022	01/03/2012	01/04/12 12:04	
Cadmium	ND	1.0	NA	1	B2A0022	01/03/2012	01/04/12 12:04	
Chromium	**22**	1.0	NA	1	B2A0022	01/03/2012	01/04/12 12:04	
Cobalt	**12**	1.0	NA	1	B2A0022	01/03/2012	01/04/12 12:04	
Copper	**32**	2.0	NA	1	B2A0022	01/03/2012	01/04/12 12:04	
Lead	**13**	1.0	NA	1	B2A0022	01/03/2012	01/04/12 12:04	
Molybdenum	ND	1.0	NA	1	B2A0022	01/03/2012	01/04/12 12:04	
Nickel	**31**	1.0	NA	1	B2A0022	01/03/2012	01/04/12 12:04	
Selenium	ND	1.0	NA	1	B2A0022	01/03/2012	01/04/12 12:04	
Silver	ND	1.0	NA	1	B2A0022	01/03/2012	01/04/12 12:04	
Thallium	ND	1.0	NA	1	B2A0022	01/03/2012	01/04/12 12:04	
Vanadium	**32**	1.0	NA	1	B2A0022	01/03/2012	01/04/12 12:04	
Zinc	**48**	1.0	NA	1	B2A0022	01/03/2012	01/04/12 12:04	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G69-1.5
Lab ID: 1100837-BZ

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0023	01/03/2012	01/04/12 12:14	
Arsenic	**8.6**	1.0	NA	1	B2A0023	01/03/2012	01/04/12 12:14	
Barium	**180**	1.0	NA	1	B2A0023	01/03/2012	01/04/12 12:14	
Beryllium	ND	1.0	NA	1	B2A0023	01/03/2012	01/04/12 12:14	
Cadmium	ND	1.0	NA	1	B2A0023	01/03/2012	01/04/12 12:14	
Chromium	**20**	1.0	NA	1	B2A0023	01/03/2012	01/04/12 12:14	
Cobalt	**9.4**	1.0	NA	1	B2A0023	01/03/2012	01/04/12 12:14	
Copper	**27**	2.0	NA	1	B2A0023	01/03/2012	01/04/12 12:14	
Lead	**60**	1.0	NA	1	B2A0023	01/03/2012	01/04/12 12:14	
Molybdenum	ND	1.0	NA	1	B2A0023	01/03/2012	01/04/12 12:14	
Nickel	**26**	1.0	NA	1	B2A0023	01/03/2012	01/04/12 12:14	
Selenium	ND	1.0	NA	1	B2A0023	01/03/2012	01/04/12 12:14	
Silver	ND	1.0	NA	1	B2A0023	01/03/2012	01/04/12 12:14	
Thallium	ND	1.0	NA	1	B2A0023	01/03/2012	01/04/12 12:14	
Vanadium	**22**	1.0	NA	1	B2A0023	01/03/2012	01/04/12 12:14	
Zinc	**41**	1.0	NA	1	B2A0023	01/03/2012	01/04/12 12:14	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G69-2.5
Lab ID: 1100837-CA

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0023	01/03/2012	01/04/12 12:16	
Arsenic	**3.9**	1.0	NA	1	B2A0023	01/03/2012	01/04/12 12:16	
Barium	**120**	1.0	NA	1	B2A0023	01/03/2012	01/04/12 12:16	
Beryllium	ND	1.0	NA	1	B2A0023	01/03/2012	01/04/12 12:16	
Cadmium	ND	1.0	NA	1	B2A0023	01/03/2012	01/04/12 12:16	
Chromium	**22**	1.0	NA	1	B2A0023	01/03/2012	01/04/12 12:16	
Cobalt	**6.7**	1.0	NA	1	B2A0023	01/03/2012	01/04/12 12:16	
Copper	**49**	2.0	NA	1	B2A0023	01/03/2012	01/04/12 12:16	
Lead	**540**	1.0	NA	1	B2A0023	01/03/2012	01/04/12 12:16	
Molybdenum	ND	1.0	NA	1	B2A0023	01/03/2012	01/04/12 12:16	
Nickel	**27**	1.0	NA	1	B2A0023	01/03/2012	01/04/12 12:16	
Selenium	ND	1.0	NA	1	B2A0023	01/03/2012	01/04/12 12:16	
Silver	ND	1.0	NA	1	B2A0023	01/03/2012	01/04/12 12:16	
Thallium	ND	1.0	NA	1	B2A0023	01/03/2012	01/04/12 12:16	
Vanadium	**23**	1.0	NA	1	B2A0023	01/03/2012	01/04/12 12:16	
Zinc	**95**	1.0	NA	1	B2A0023	01/03/2012	01/04/12 12:16	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G70-0
Lab ID: 1100837-CB

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0023	01/03/2012	01/04/12 12:17	
Arsenic	**6.7**	1.0	NA	1	B2A0023	01/03/2012	01/04/12 12:17	
Barium	**110**	1.0	NA	1	B2A0023	01/03/2012	01/04/12 12:17	
Beryllium	ND	1.0	NA	1	B2A0023	01/03/2012	01/04/12 12:17	
Cadmium	ND	1.0	NA	1	B2A0023	01/03/2012	01/04/12 12:17	
Chromium	**26**	1.0	NA	1	B2A0023	01/03/2012	01/04/12 12:17	
Cobalt	**12**	1.0	NA	1	B2A0023	01/03/2012	01/04/12 12:17	
Copper	**57**	2.0	NA	1	B2A0023	01/03/2012	01/04/12 12:17	
Lead	**190**	1.0	NA	1	B2A0023	01/03/2012	01/04/12 12:17	
Molybdenum	ND	1.0	NA	1	B2A0023	01/03/2012	01/04/12 12:17	
Nickel	**37**	1.0	NA	1	B2A0023	01/03/2012	01/04/12 12:17	
Selenium	ND	1.0	NA	1	B2A0023	01/03/2012	01/04/12 12:17	
Silver	ND	1.0	NA	1	B2A0023	01/03/2012	01/04/12 12:17	
Thallium	ND	1.0	NA	1	B2A0023	01/03/2012	01/04/12 12:17	
Vanadium	**45**	1.0	NA	1	B2A0023	01/03/2012	01/04/12 12:17	
Zinc	**77**	1.0	NA	1	B2A0023	01/03/2012	01/04/12 12:17	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G70-0.5
Lab ID: 1100837-CC

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0023	01/03/2012	01/04/12 12:23	
Arsenic	**7.3**	1.0	NA	1	B2A0023	01/03/2012	01/04/12 12:23	
Barium	**140**	1.0	NA	1	B2A0023	01/03/2012	01/04/12 12:23	
Beryllium	ND	1.0	NA	1	B2A0023	01/03/2012	01/04/12 12:23	
Cadmium	ND	1.0	NA	1	B2A0023	01/03/2012	01/04/12 12:23	
Chromium	**28**	1.0	NA	1	B2A0023	01/03/2012	01/04/12 12:23	
Cobalt	**14**	1.0	NA	1	B2A0023	01/03/2012	01/04/12 12:23	
Copper	**43**	2.0	NA	1	B2A0023	01/03/2012	01/04/12 12:23	
Lead	**34**	1.0	NA	1	B2A0023	01/03/2012	01/04/12 12:23	
Molybdenum	ND	1.0	NA	1	B2A0023	01/03/2012	01/04/12 12:23	
Nickel	**40**	1.0	NA	1	B2A0023	01/03/2012	01/04/12 12:23	
Selenium	ND	1.0	NA	1	B2A0023	01/03/2012	01/04/12 12:23	
Silver	ND	1.0	NA	1	B2A0023	01/03/2012	01/04/12 12:23	
Thallium	ND	1.0	NA	1	B2A0023	01/03/2012	01/04/12 12:23	
Vanadium	**37**	1.0	NA	1	B2A0023	01/03/2012	01/04/12 12:23	
Zinc	**53**	1.0	NA	1	B2A0023	01/03/2012	01/04/12 12:23	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G70-1.5
Lab ID: 1100837-CD

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	10	NA	5	B2A0023	01/03/2012	01/04/12 13:14	
Arsenic	ND	5.0	NA	5	B2A0023	01/03/2012	01/04/12 13:14	
Barium	**34**	5.0	NA	5	B2A0023	01/03/2012	01/04/12 13:14	
Beryllium	ND	5.0	NA	5	B2A0023	01/03/2012	01/04/12 13:14	
Cadmium	ND	5.0	NA	5	B2A0023	01/03/2012	01/04/12 13:14	
Chromium	**24**	5.0	NA	5	B2A0023	01/03/2012	01/04/12 13:14	
Cobalt	**6.6**	5.0	NA	5	B2A0023	01/03/2012	01/04/12 13:14	
Copper	**19**	10	NA	5	B2A0023	01/03/2012	01/04/12 13:14	
Lead	**150**	5.0	NA	5	B2A0023	01/03/2012	01/04/12 13:14	
Molybdenum	ND	5.0	NA	5	B2A0023	01/03/2012	01/04/12 13:14	
Nickel	**27**	5.0	NA	5	B2A0023	01/03/2012	01/04/12 13:14	
Selenium	ND	5.0	NA	5	B2A0023	01/03/2012	01/04/12 13:14	
Silver	ND	5.0	NA	5	B2A0023	01/03/2012	01/04/12 13:14	
Thallium	ND	5.0	NA	5	B2A0023	01/03/2012	01/04/12 13:14	
Vanadium	**21**	5.0	NA	5	B2A0023	01/03/2012	01/04/12 13:14	
Zinc	**60**	5.0	NA	5	B2A0023	01/03/2012	01/04/12 13:14	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G70-2.5
Lab ID: 1100837-CE

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0023	01/03/2012	01/04/12 12:26	
Arsenic	**1.5**	1.0	NA	1	B2A0023	01/03/2012	01/04/12 12:26	
Barium	**25**	1.0	NA	1	B2A0023	01/03/2012	01/04/12 12:26	
Beryllium	ND	1.0	NA	1	B2A0023	01/03/2012	01/04/12 12:26	
Cadmium	ND	1.0	NA	1	B2A0023	01/03/2012	01/04/12 12:26	
Chromium	**39**	1.0	NA	1	B2A0023	01/03/2012	01/04/12 12:26	
Cobalt	**15**	1.0	NA	1	B2A0023	01/03/2012	01/04/12 12:26	
Copper	**33**	2.0	NA	1	B2A0023	01/03/2012	01/04/12 12:26	
Lead	**17**	1.0	NA	1	B2A0023	01/03/2012	01/04/12 12:26	
Molybdenum	ND	1.0	NA	1	B2A0023	01/03/2012	01/04/12 12:26	
Nickel	**58**	1.0	NA	1	B2A0023	01/03/2012	01/04/12 12:26	
Selenium	ND	1.0	NA	1	B2A0023	01/03/2012	01/04/12 12:26	
Silver	ND	1.0	NA	1	B2A0023	01/03/2012	01/04/12 12:26	
Thallium	ND	1.0	NA	1	B2A0023	01/03/2012	01/04/12 12:26	
Vanadium	**47**	1.0	NA	1	B2A0023	01/03/2012	01/04/12 12:26	
Zinc	**32**	1.0	NA	1	B2A0023	01/03/2012	01/04/12 12:26	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G71-0

Lab ID: 1100837-CF

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0023	01/03/2012	01/04/12 12:27	
Arsenic	**8.7**	1.0	NA	1	B2A0023	01/03/2012	01/04/12 12:27	
Barium	**140**	1.0	NA	1	B2A0023	01/03/2012	01/04/12 12:27	
Beryllium	ND	1.0	NA	1	B2A0023	01/03/2012	01/04/12 12:27	
Cadmium	ND	1.0	NA	1	B2A0023	01/03/2012	01/04/12 12:27	
Chromium	**26**	1.0	NA	1	B2A0023	01/03/2012	01/04/12 12:27	
Cobalt	**13**	1.0	NA	1	B2A0023	01/03/2012	01/04/12 12:27	
Copper	**39**	2.0	NA	1	B2A0023	01/03/2012	01/04/12 12:27	
Lead	**62**	1.0	NA	1	B2A0023	01/03/2012	01/04/12 12:27	
Molybdenum	ND	1.0	NA	1	B2A0023	01/03/2012	01/04/12 12:27	
Nickel	**41**	1.0	NA	1	B2A0023	01/03/2012	01/04/12 12:27	
Selenium	ND	1.0	NA	1	B2A0023	01/03/2012	01/04/12 12:27	
Silver	ND	1.0	NA	1	B2A0023	01/03/2012	01/04/12 12:27	
Thallium	ND	1.0	NA	1	B2A0023	01/03/2012	01/04/12 12:27	
Vanadium	**33**	1.0	NA	1	B2A0023	01/03/2012	01/04/12 12:27	
Zinc	**57**	1.0	NA	1	B2A0023	01/03/2012	01/04/12 12:27	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G71-0.5
Lab ID: 1100837-CG

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	10	NA	5	B2A0023	01/03/2012	01/04/12 13:16	
Arsenic	ND	5.0	NA	5	B2A0023	01/03/2012	01/04/12 13:16	
Barium	**53**	5.0	NA	5	B2A0023	01/03/2012	01/04/12 13:16	
Beryllium	ND	5.0	NA	5	B2A0023	01/03/2012	01/04/12 13:16	
Cadmium	ND	5.0	NA	5	B2A0023	01/03/2012	01/04/12 13:16	
Chromium	**16**	5.0	NA	5	B2A0023	01/03/2012	01/04/12 13:16	
Cobalt	**6.2**	5.0	NA	5	B2A0023	01/03/2012	01/04/12 13:16	
Copper	**17**	10	NA	5	B2A0023	01/03/2012	01/04/12 13:16	
Lead	**140**	5.0	NA	5	B2A0023	01/03/2012	01/04/12 13:16	
Molybdenum	ND	5.0	NA	5	B2A0023	01/03/2012	01/04/12 13:16	
Nickel	**24**	5.0	NA	5	B2A0023	01/03/2012	01/04/12 13:16	
Selenium	ND	5.0	NA	5	B2A0023	01/03/2012	01/04/12 13:16	
Silver	ND	5.0	NA	5	B2A0023	01/03/2012	01/04/12 13:16	
Thallium	ND	5.0	NA	5	B2A0023	01/03/2012	01/04/12 13:16	
Vanadium	**22**	5.0	NA	5	B2A0023	01/03/2012	01/04/12 13:16	
Zinc	**62**	5.0	NA	5	B2A0023	01/03/2012	01/04/12 13:16	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G71-1.5
Lab ID: 1100837-CH

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0023	01/03/2012	01/04/12 12:31	
Arsenic	**1.2**	1.0	NA	1	B2A0023	01/03/2012	01/04/12 12:31	
Barium	**16**	1.0	NA	1	B2A0023	01/03/2012	01/04/12 12:31	
Beryllium	ND	1.0	NA	1	B2A0023	01/03/2012	01/04/12 12:31	
Cadmium	ND	1.0	NA	1	B2A0023	01/03/2012	01/04/12 12:31	
Chromium	**54**	1.0	NA	1	B2A0023	01/03/2012	01/04/12 12:31	
Cobalt	**12**	1.0	NA	1	B2A0023	01/03/2012	01/04/12 12:31	
Copper	**24**	2.0	NA	1	B2A0023	01/03/2012	01/04/12 12:31	
Lead	**6.3**	1.0	NA	1	B2A0023	01/03/2012	01/04/12 12:31	
Molybdenum	ND	1.0	NA	1	B2A0023	01/03/2012	01/04/12 12:31	
Nickel	**55**	1.0	NA	1	B2A0023	01/03/2012	01/04/12 12:31	
Selenium	ND	1.0	NA	1	B2A0023	01/03/2012	01/04/12 12:31	
Silver	ND	1.0	NA	1	B2A0023	01/03/2012	01/04/12 12:31	
Thallium	ND	1.0	NA	1	B2A0023	01/03/2012	01/04/12 12:31	
Vanadium	**51**	1.0	NA	1	B2A0023	01/03/2012	01/04/12 12:31	
Zinc	**28**	1.0	NA	1	B2A0023	01/03/2012	01/04/12 12:31	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G71-2.5
Lab ID: 1100837-CI

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0023	01/03/2012	01/04/12 12:33	
Arsenic	ND	1.0	NA	1	B2A0023	01/03/2012	01/04/12 12:33	
Barium	**17**	1.0	NA	1	B2A0023	01/03/2012	01/04/12 12:33	
Beryllium	ND	1.0	NA	1	B2A0023	01/03/2012	01/04/12 12:33	
Cadmium	ND	1.0	NA	1	B2A0023	01/03/2012	01/04/12 12:33	
Chromium	**36**	1.0	NA	1	B2A0023	01/03/2012	01/04/12 12:33	
Cobalt	**14**	1.0	NA	1	B2A0023	01/03/2012	01/04/12 12:33	
Copper	**34**	2.0	NA	1	B2A0023	01/03/2012	01/04/12 12:33	
Lead	ND	1.0	NA	1	B2A0023	01/03/2012	01/04/12 12:33	
Molybdenum	ND	1.0	NA	1	B2A0023	01/03/2012	01/04/12 12:33	
Nickel	**48**	1.0	NA	1	B2A0023	01/03/2012	01/04/12 12:33	
Selenium	ND	1.0	NA	1	B2A0023	01/03/2012	01/04/12 12:33	
Silver	ND	1.0	NA	1	B2A0023	01/03/2012	01/04/12 12:33	
Thallium	ND	1.0	NA	1	B2A0023	01/03/2012	01/04/12 12:33	
Vanadium	**59**	1.0	NA	1	B2A0023	01/03/2012	01/04/12 12:33	
Zinc	**22**	1.0	NA	1	B2A0023	01/03/2012	01/04/12 12:33	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G72-0

Lab ID: 1100837-CJ

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0024	01/03/2012	01/04/12 12:47	
Arsenic	**1.3**	1.0	NA	1	B2A0024	01/03/2012	01/04/12 12:47	
Barium	**72**	1.0	NA	1	B2A0024	01/03/2012	01/04/12 12:47	
Beryllium	ND	1.0	NA	1	B2A0024	01/03/2012	01/04/12 12:47	
Cadmium	ND	1.0	NA	1	B2A0024	01/03/2012	01/04/12 12:47	
Chromium	**18**	1.0	NA	1	B2A0024	01/03/2012	01/04/12 12:47	
Cobalt	**12**	1.0	NA	1	B2A0024	01/03/2012	01/04/12 12:47	
Copper	**62**	2.0	NA	1	B2A0024	01/03/2012	01/04/12 12:47	
Lead	**130**	1.0	NA	1	B2A0024	01/03/2012	01/04/12 12:47	
Molybdenum	ND	1.0	NA	1	B2A0024	01/03/2012	01/04/12 12:47	
Nickel	**21**	1.0	NA	1	B2A0024	01/03/2012	01/04/12 12:47	
Selenium	ND	1.0	NA	1	B2A0024	01/03/2012	01/04/12 12:47	
Silver	ND	1.0	NA	1	B2A0024	01/03/2012	01/04/12 12:47	
Thallium	ND	1.0	NA	1	B2A0024	01/03/2012	01/04/12 12:47	
Vanadium	**89**	1.0	NA	1	B2A0024	01/03/2012	01/04/12 12:47	
Zinc	**150**	1.0	NA	1	B2A0024	01/03/2012	01/04/12 12:47	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G72-0.5
Lab ID: 1100837-CK

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0024	01/03/2012	01/04/12 12:49	
Arsenic	ND	1.0	NA	1	B2A0024	01/03/2012	01/04/12 12:49	
Barium	**25**	1.0	NA	1	B2A0024	01/03/2012	01/04/12 12:49	
Beryllium	ND	1.0	NA	1	B2A0024	01/03/2012	01/04/12 12:49	
Cadmium	ND	1.0	NA	1	B2A0024	01/03/2012	01/04/12 12:49	
Chromium	**21**	1.0	NA	1	B2A0024	01/03/2012	01/04/12 12:49	
Cobalt	**18**	1.0	NA	1	B2A0024	01/03/2012	01/04/12 12:49	
Copper	**38**	2.0	NA	1	B2A0024	01/03/2012	01/04/12 12:49	
Lead	ND	1.0	NA	1	B2A0024	01/03/2012	01/04/12 12:49	
Molybdenum	ND	1.0	NA	1	B2A0024	01/03/2012	01/04/12 12:49	
Nickel	**16**	1.0	NA	1	B2A0024	01/03/2012	01/04/12 12:49	
Selenium	ND	1.0	NA	1	B2A0024	01/03/2012	01/04/12 12:49	
Silver	ND	1.0	NA	1	B2A0024	01/03/2012	01/04/12 12:49	
Thallium	ND	1.0	NA	1	B2A0024	01/03/2012	01/04/12 12:49	
Vanadium	**130**	1.0	NA	1	B2A0024	01/03/2012	01/04/12 12:49	
Zinc	**44**	1.0	NA	1	B2A0024	01/03/2012	01/04/12 12:49	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G72-1.5
Lab ID: 1100837-CL

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0024	01/03/2012	01/04/12 12:50	
Arsenic	ND	1.0	NA	1	B2A0024	01/03/2012	01/04/12 12:50	
Barium	**45**	1.0	NA	1	B2A0024	01/03/2012	01/04/12 12:50	
Beryllium	ND	1.0	NA	1	B2A0024	01/03/2012	01/04/12 12:50	
Cadmium	ND	1.0	NA	1	B2A0024	01/03/2012	01/04/12 12:50	
Chromium	**11**	1.0	NA	1	B2A0024	01/03/2012	01/04/12 12:50	
Cobalt	**21**	1.0	NA	1	B2A0024	01/03/2012	01/04/12 12:50	
Copper	**31**	2.0	NA	1	B2A0024	01/03/2012	01/04/12 12:50	
Lead	ND	1.0	NA	1	B2A0024	01/03/2012	01/04/12 12:50	
Molybdenum	ND	1.0	NA	1	B2A0024	01/03/2012	01/04/12 12:50	
Nickel	**13**	1.0	NA	1	B2A0024	01/03/2012	01/04/12 12:50	
Selenium	ND	1.0	NA	1	B2A0024	01/03/2012	01/04/12 12:50	
Silver	ND	1.0	NA	1	B2A0024	01/03/2012	01/04/12 12:50	
Thallium	ND	1.0	NA	1	B2A0024	01/03/2012	01/04/12 12:50	
Vanadium	**130**	1.0	NA	1	B2A0024	01/03/2012	01/04/12 12:50	
Zinc	**43**	1.0	NA	1	B2A0024	01/03/2012	01/04/12 12:50	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G72-2.5
Lab ID: 1100837-CM

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0024	01/03/2012	01/04/12 12:52	
Arsenic	ND	1.0	NA	1	B2A0024	01/03/2012	01/04/12 12:52	
Barium	**9.6**	1.0	NA	1	B2A0024	01/03/2012	01/04/12 12:52	
Beryllium	ND	1.0	NA	1	B2A0024	01/03/2012	01/04/12 12:52	
Cadmium	ND	1.0	NA	1	B2A0024	01/03/2012	01/04/12 12:52	
Chromium	**7.0**	1.0	NA	1	B2A0024	01/03/2012	01/04/12 12:52	
Cobalt	**14**	1.0	NA	1	B2A0024	01/03/2012	01/04/12 12:52	
Copper	**19**	2.0	NA	1	B2A0024	01/03/2012	01/04/12 12:52	
Lead	ND	1.0	NA	1	B2A0024	01/03/2012	01/04/12 12:52	
Molybdenum	ND	1.0	NA	1	B2A0024	01/03/2012	01/04/12 12:52	
Nickel	**8.2**	1.0	NA	1	B2A0024	01/03/2012	01/04/12 12:52	
Selenium	ND	1.0	NA	1	B2A0024	01/03/2012	01/04/12 12:52	
Silver	ND	1.0	NA	1	B2A0024	01/03/2012	01/04/12 12:52	
Thallium	ND	1.0	NA	1	B2A0024	01/03/2012	01/04/12 12:52	
Vanadium	**120**	1.0	NA	1	B2A0024	01/03/2012	01/04/12 12:52	
Zinc	**41**	1.0	NA	1	B2A0024	01/03/2012	01/04/12 12:52	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G73-0

Lab ID: 1100837-CN

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	**8.3**	2.0	NA	1	B2A0024	01/03/2012	01/04/12 12:54	
Arsenic	**1.2**	1.0	NA	1	B2A0024	01/03/2012	01/04/12 12:54	
Barium	**95**	1.0	NA	1	B2A0024	01/03/2012	01/04/12 12:54	
Beryllium	ND	1.0	NA	1	B2A0024	01/03/2012	01/04/12 12:54	
Cadmium	ND	1.0	NA	1	B2A0024	01/03/2012	01/04/12 12:54	
Chromium	**17**	1.0	NA	1	B2A0024	01/03/2012	01/04/12 12:54	
Cobalt	**17**	1.0	NA	1	B2A0024	01/03/2012	01/04/12 12:54	
Copper	**43**	2.0	NA	1	B2A0024	01/03/2012	01/04/12 12:54	
Lead	**400**	1.0	NA	1	B2A0024	01/03/2012	01/04/12 12:54	
Molybdenum	ND	1.0	NA	1	B2A0024	01/03/2012	01/04/12 12:54	
Nickel	**21**	1.0	NA	1	B2A0024	01/03/2012	01/04/12 12:54	
Selenium	ND	1.0	NA	1	B2A0024	01/03/2012	01/04/12 12:54	
Silver	ND	1.0	NA	1	B2A0024	01/03/2012	01/04/12 12:54	
Thallium	ND	1.0	NA	1	B2A0024	01/03/2012	01/04/12 12:54	
Vanadium	**98**	1.0	NA	1	B2A0024	01/03/2012	01/04/12 12:54	
Zinc	**270**	1.0	NA	1	B2A0024	01/03/2012	01/04/12 12:54	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G73-0.5
Lab ID: 1100837-CO

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0024	01/03/2012	01/04/12 12:55	
Arsenic	**8.0**	1.0	NA	1	B2A0024	01/03/2012	01/04/12 12:55	
Barium	**140**	1.0	NA	1	B2A0024	01/03/2012	01/04/12 12:55	
Beryllium	ND	1.0	NA	1	B2A0024	01/03/2012	01/04/12 12:55	
Cadmium	ND	1.0	NA	1	B2A0024	01/03/2012	01/04/12 12:55	
Chromium	**24**	1.0	NA	1	B2A0024	01/03/2012	01/04/12 12:55	
Cobalt	**10**	1.0	NA	1	B2A0024	01/03/2012	01/04/12 12:55	
Copper	**35**	2.0	NA	1	B2A0024	01/03/2012	01/04/12 12:55	
Lead	**21**	1.0	NA	1	B2A0024	01/03/2012	01/04/12 12:55	
Molybdenum	ND	1.0	NA	1	B2A0024	01/03/2012	01/04/12 12:55	
Nickel	**34**	1.0	NA	1	B2A0024	01/03/2012	01/04/12 12:55	
Selenium	ND	1.0	NA	1	B2A0024	01/03/2012	01/04/12 12:55	
Silver	ND	1.0	NA	1	B2A0024	01/03/2012	01/04/12 12:55	
Thallium	ND	1.0	NA	1	B2A0024	01/03/2012	01/04/12 12:55	
Vanadium	**30**	1.0	NA	1	B2A0024	01/03/2012	01/04/12 12:55	
Zinc	**51**	1.0	NA	1	B2A0024	01/03/2012	01/04/12 12:55	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G73-1.5
Lab ID: 1100837-CP

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0024	01/03/2012	01/04/12 12:57	
Arsenic	**15**	1.0	NA	1	B2A0024	01/03/2012	01/04/12 12:57	
Barium	**330**	1.0	NA	1	B2A0024	01/03/2012	01/04/12 12:57	
Beryllium	ND	1.0	NA	1	B2A0024	01/03/2012	01/04/12 12:57	
Cadmium	ND	1.0	NA	1	B2A0024	01/03/2012	01/04/12 12:57	
Chromium	**34**	1.0	NA	1	B2A0024	01/03/2012	01/04/12 12:57	
Cobalt	**29**	1.0	NA	1	B2A0024	01/03/2012	01/04/12 12:57	
Copper	**45**	2.0	NA	1	B2A0024	01/03/2012	01/04/12 12:57	
Lead	**13**	1.0	NA	1	B2A0024	01/03/2012	01/04/12 12:57	
Molybdenum	ND	1.0	NA	1	B2A0024	01/03/2012	01/04/12 12:57	
Nickel	**56**	1.0	NA	1	B2A0024	01/03/2012	01/04/12 12:57	
Selenium	ND	1.0	NA	1	B2A0024	01/03/2012	01/04/12 12:57	
Silver	ND	1.0	NA	1	B2A0024	01/03/2012	01/04/12 12:57	
Thallium	ND	1.0	NA	1	B2A0024	01/03/2012	01/04/12 12:57	
Vanadium	**69**	1.0	NA	1	B2A0024	01/03/2012	01/04/12 12:57	
Zinc	**69**	1.0	NA	1	B2A0024	01/03/2012	01/04/12 12:57	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G73-2.5
Lab ID: 1100837-CQ

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0024	01/03/2012	01/04/12 12:58	
Arsenic	**6.8**	1.0	NA	1	B2A0024	01/03/2012	01/04/12 12:58	
Barium	**220**	1.0	NA	1	B2A0024	01/03/2012	01/04/12 12:58	
Beryllium	ND	1.0	NA	1	B2A0024	01/03/2012	01/04/12 12:58	
Cadmium	ND	1.0	NA	1	B2A0024	01/03/2012	01/04/12 12:58	
Chromium	**33**	1.0	NA	1	B2A0024	01/03/2012	01/04/12 12:58	
Cobalt	**13**	1.0	NA	1	B2A0024	01/03/2012	01/04/12 12:58	
Copper	**30**	2.0	NA	1	B2A0024	01/03/2012	01/04/12 12:58	
Lead	**7.4**	1.0	NA	1	B2A0024	01/03/2012	01/04/12 12:58	
Molybdenum	ND	1.0	NA	1	B2A0024	01/03/2012	01/04/12 12:58	
Nickel	**27**	1.0	NA	1	B2A0024	01/03/2012	01/04/12 12:58	
Selenium	ND	1.0	NA	1	B2A0024	01/03/2012	01/04/12 12:58	
Silver	ND	1.0	NA	1	B2A0024	01/03/2012	01/04/12 12:58	
Thallium	ND	1.0	NA	1	B2A0024	01/03/2012	01/04/12 12:58	
Vanadium	**37**	1.0	NA	1	B2A0024	01/03/2012	01/04/12 12:58	
Zinc	**43**	1.0	NA	1	B2A0024	01/03/2012	01/04/12 12:58	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G74-0

Lab ID: 1100837-CR

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0024	01/03/2012	01/04/12 13:04	
Arsenic	**9.8**	1.0	NA	1	B2A0024	01/03/2012	01/04/12 13:04	
Barium	**210**	1.0	NA	1	B2A0024	01/03/2012	01/04/12 13:04	
Beryllium	ND	1.0	NA	1	B2A0024	01/03/2012	01/04/12 13:04	
Cadmium	ND	1.0	NA	1	B2A0024	01/03/2012	01/04/12 13:04	
Chromium	**24**	1.0	NA	1	B2A0024	01/03/2012	01/04/12 13:04	
Cobalt	**14**	1.0	NA	1	B2A0024	01/03/2012	01/04/12 13:04	
Copper	**39**	2.0	NA	1	B2A0024	01/03/2012	01/04/12 13:04	
Lead	**20**	1.0	NA	1	B2A0024	01/03/2012	01/04/12 13:04	
Molybdenum	ND	1.0	NA	1	B2A0024	01/03/2012	01/04/12 13:04	
Nickel	**39**	1.0	NA	1	B2A0024	01/03/2012	01/04/12 13:04	
Selenium	ND	1.0	NA	1	B2A0024	01/03/2012	01/04/12 13:04	
Silver	ND	1.0	NA	1	B2A0024	01/03/2012	01/04/12 13:04	
Thallium	ND	1.0	NA	1	B2A0024	01/03/2012	01/04/12 13:04	
Vanadium	**35**	1.0	NA	1	B2A0024	01/03/2012	01/04/12 13:04	
Zinc	**57**	1.0	NA	1	B2A0024	01/03/2012	01/04/12 13:04	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G74-0.5
Lab ID: 1100837-CS

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0024	01/03/2012	01/04/12 13:05	
Arsenic	**11**	1.0	NA	1	B2A0024	01/03/2012	01/04/12 13:05	
Barium	**220**	1.0	NA	1	B2A0024	01/03/2012	01/04/12 13:05	
Beryllium	ND	1.0	NA	1	B2A0024	01/03/2012	01/04/12 13:05	
Cadmium	ND	1.0	NA	1	B2A0024	01/03/2012	01/04/12 13:05	
Chromium	**34**	1.0	NA	1	B2A0024	01/03/2012	01/04/12 13:05	
Cobalt	**22**	1.0	NA	1	B2A0024	01/03/2012	01/04/12 13:05	
Copper	**40**	2.0	NA	1	B2A0024	01/03/2012	01/04/12 13:05	
Lead	**14**	1.0	NA	1	B2A0024	01/03/2012	01/04/12 13:05	
Molybdenum	ND	1.0	NA	1	B2A0024	01/03/2012	01/04/12 13:05	
Nickel	**55**	1.0	NA	1	B2A0024	01/03/2012	01/04/12 13:05	
Selenium	ND	1.0	NA	1	B2A0024	01/03/2012	01/04/12 13:05	
Silver	ND	1.0	NA	1	B2A0024	01/03/2012	01/04/12 13:05	
Thallium	ND	1.0	NA	1	B2A0024	01/03/2012	01/04/12 13:05	
Vanadium	**51**	1.0	NA	1	B2A0024	01/03/2012	01/04/12 13:05	
Zinc	**61**	1.0	NA	1	B2A0024	01/03/2012	01/04/12 13:05	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G74-1.5
Lab ID: 1100837-CT

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0025	01/03/2012	01/04/12 11:13	
Arsenic	**7.6**	1.0	NA	1	B2A0025	01/03/2012	01/04/12 11:13	
Barium	**170**	1.0	NA	1	B2A0025	01/03/2012	01/04/12 11:13	
Beryllium	ND	1.0	NA	1	B2A0025	01/03/2012	01/04/12 11:12	
Cadmium	ND	1.0	NA	1	B2A0025	01/03/2012	01/04/12 11:13	
Chromium	**41**	1.0	NA	1	B2A0025	01/03/2012	01/04/12 11:13	
Cobalt	**16**	1.0	NA	1	B2A0025	01/03/2012	01/04/12 11:13	
Copper	**43**	2.0	NA	1	B2A0025	01/03/2012	01/04/12 11:13	
Lead	**11**	1.0	NA	1	B2A0025	01/03/2012	01/04/12 11:13	
Molybdenum	ND	1.0	NA	1	B2A0025	01/03/2012	01/04/12 11:13	
Nickel	**45**	1.0	NA	1	B2A0025	01/03/2012	01/04/12 11:13	
Selenium	ND	1.0	NA	1	B2A0025	01/03/2012	01/04/12 11:13	
Silver	ND	1.0	NA	1	B2A0025	01/03/2012	01/04/12 11:13	
Thallium	ND	1.0	NA	1	B2A0025	01/03/2012	01/04/12 11:13	
Vanadium	**59**	1.0	NA	1	B2A0025	01/03/2012	01/04/12 11:13	
Zinc	**55**	1.0	NA	1	B2A0025	01/03/2012	01/04/12 11:13	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G74-2.5
Lab ID: 1100837-CU

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0025	01/03/2012	01/04/12 11:16	
Arsenic	**2.8**	1.0	NA	1	B2A0025	01/03/2012	01/04/12 11:16	
Barium	**53**	1.0	NA	1	B2A0025	01/03/2012	01/04/12 11:16	
Beryllium	ND	1.0	NA	1	B2A0025	01/03/2012	01/04/12 11:16	
Cadmium	ND	1.0	NA	1	B2A0025	01/03/2012	01/04/12 11:16	
Chromium	**32**	1.0	NA	1	B2A0025	01/03/2012	01/04/12 11:16	
Cobalt	**14**	1.0	NA	1	B2A0025	01/03/2012	01/04/12 11:16	
Copper	**36**	2.0	NA	1	B2A0025	01/03/2012	01/04/12 11:16	
Lead	**57**	1.0	NA	1	B2A0025	01/03/2012	01/04/12 11:16	
Molybdenum	ND	1.0	NA	1	B2A0025	01/03/2012	01/04/12 11:16	
Nickel	**38**	1.0	NA	1	B2A0025	01/03/2012	01/04/12 11:16	
Selenium	ND	1.0	NA	1	B2A0025	01/03/2012	01/04/12 11:16	
Silver	ND	1.0	NA	1	B2A0025	01/03/2012	01/04/12 11:16	
Thallium	ND	1.0	NA	1	B2A0025	01/03/2012	01/04/12 11:16	
Vanadium	**39**	1.0	NA	1	B2A0025	01/03/2012	01/04/12 11:16	
Zinc	**37**	1.0	NA	1	B2A0025	01/03/2012	01/04/12 11:16	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G75-0

Lab ID: 1100837-CV

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0025	01/03/2012	01/04/12 11:20	
Arsenic	**4.9**	1.0	NA	1	B2A0025	01/03/2012	01/04/12 11:20	
Barium	**120**	1.0	NA	1	B2A0025	01/03/2012	01/04/12 11:20	
Beryllium	ND	1.0	NA	1	B2A0025	01/03/2012	01/04/12 11:19	
Cadmium	**1.2**	1.0	NA	1	B2A0025	01/03/2012	01/04/12 11:20	
Chromium	**23**	1.0	NA	1	B2A0025	01/03/2012	01/04/12 11:20	
Cobalt	**13**	1.0	NA	1	B2A0025	01/03/2012	01/04/12 11:20	
Copper	**44**	2.0	NA	1	B2A0025	01/03/2012	01/04/12 11:20	
Lead	**100**	1.0	NA	1	B2A0025	01/03/2012	01/04/12 11:20	
Molybdenum	ND	1.0	NA	1	B2A0025	01/03/2012	01/04/12 11:20	
Nickel	**32**	1.0	NA	1	B2A0025	01/03/2012	01/04/12 11:20	
Selenium	ND	1.0	NA	1	B2A0025	01/03/2012	01/04/12 11:20	
Silver	ND	1.0	NA	1	B2A0025	01/03/2012	01/04/12 11:20	
Thallium	ND	1.0	NA	1	B2A0025	01/03/2012	01/04/12 11:20	
Vanadium	**67**	1.0	NA	1	B2A0025	01/03/2012	01/04/12 11:20	
Zinc	**120**	1.0	NA	1	B2A0025	01/03/2012	01/04/12 11:20	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G75-0.5
Lab ID: 1100837-CW

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0025	01/03/2012	01/04/12 11:23	
Arsenic	**4.0**	1.0	NA	1	B2A0025	01/03/2012	01/04/12 11:23	
Barium	**95**	1.0	NA	1	B2A0025	01/03/2012	01/04/12 11:23	
Beryllium	ND	1.0	NA	1	B2A0025	01/03/2012	01/04/12 11:23	
Cadmium	ND	1.0	NA	1	B2A0025	01/03/2012	01/04/12 11:23	
Chromium	**28**	1.0	NA	1	B2A0025	01/03/2012	01/04/12 11:23	
Cobalt	**13**	1.0	NA	1	B2A0025	01/03/2012	01/04/12 11:23	
Copper	**49**	2.0	NA	1	B2A0025	01/03/2012	01/04/12 11:23	
Lead	**11**	1.0	NA	1	B2A0025	01/03/2012	01/04/12 11:23	
Molybdenum	ND	1.0	NA	1	B2A0025	01/03/2012	01/04/12 11:23	
Nickel	**39**	1.0	NA	1	B2A0025	01/03/2012	01/04/12 11:23	
Selenium	ND	1.0	NA	1	B2A0025	01/03/2012	01/04/12 11:23	
Silver	ND	1.0	NA	1	B2A0025	01/03/2012	01/04/12 11:23	
Thallium	ND	1.0	NA	1	B2A0025	01/03/2012	01/04/12 11:23	
Vanadium	**35**	1.0	NA	1	B2A0025	01/03/2012	01/04/12 11:23	
Zinc	**72**	1.0	NA	1	B2A0025	01/03/2012	01/04/12 11:23	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G75-1.5
Lab ID: 1100837-CX

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0025	01/03/2012	01/04/12 11:27	
Arsenic	**9.2**	1.0	NA	1	B2A0025	01/03/2012	01/04/12 11:27	
Barium	**78**	1.0	NA	1	B2A0025	01/03/2012	01/04/12 11:27	
Beryllium	ND	1.0	NA	1	B2A0025	01/03/2012	01/04/12 11:26	
Cadmium	ND	1.0	NA	1	B2A0025	01/03/2012	01/04/12 11:27	
Chromium	**30**	1.0	NA	1	B2A0025	01/03/2012	01/04/12 11:27	
Cobalt	**13**	1.0	NA	1	B2A0025	01/03/2012	01/04/12 11:27	
Copper	**42**	2.0	NA	1	B2A0025	01/03/2012	01/04/12 11:27	
Lead	**110**	1.0	NA	1	B2A0025	01/03/2012	01/04/12 11:27	
Molybdenum	ND	1.0	NA	1	B2A0025	01/03/2012	01/04/12 11:27	
Nickel	**40**	1.0	NA	1	B2A0025	01/03/2012	01/04/12 11:27	
Selenium	ND	1.0	NA	1	B2A0025	01/03/2012	01/04/12 11:27	
Silver	ND	1.0	NA	1	B2A0025	01/03/2012	01/04/12 11:27	
Thallium	ND	1.0	NA	1	B2A0025	01/03/2012	01/04/12 11:27	
Vanadium	**45**	1.0	NA	1	B2A0025	01/03/2012	01/04/12 11:27	
Zinc	**56**	1.0	NA	1	B2A0025	01/03/2012	01/04/12 11:27	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G75-2.5
Lab ID: 1100837-CY

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0025	01/03/2012	01/04/12 11:30	
Arsenic	**7.9**	1.0	NA	1	B2A0025	01/03/2012	01/04/12 11:30	
Barium	**150**	1.0	NA	1	B2A0025	01/03/2012	01/04/12 11:30	
Beryllium	ND	1.0	NA	1	B2A0025	01/03/2012	01/04/12 11:29	
Cadmium	ND	1.0	NA	1	B2A0025	01/03/2012	01/04/12 11:30	
Chromium	**38**	1.0	NA	1	B2A0025	01/03/2012	01/04/12 11:30	
Cobalt	**16**	1.0	NA	1	B2A0025	01/03/2012	01/04/12 11:30	
Copper	**49**	2.0	NA	1	B2A0025	01/03/2012	01/04/12 11:30	
Lead	**37**	1.0	NA	1	B2A0025	01/03/2012	01/04/12 11:30	
Molybdenum	ND	1.0	NA	1	B2A0025	01/03/2012	01/04/12 11:30	
Nickel	**59**	1.0	NA	1	B2A0025	01/03/2012	01/04/12 11:30	
Selenium	ND	1.0	NA	1	B2A0025	01/03/2012	01/04/12 11:30	
Silver	ND	1.0	NA	1	B2A0025	01/03/2012	01/04/12 11:30	
Thallium	ND	1.0	NA	1	B2A0025	01/03/2012	01/04/12 11:30	
Vanadium	**43**	1.0	NA	1	B2A0025	01/03/2012	01/04/12 11:30	
Zinc	**68**	1.0	NA	1	B2A0025	01/03/2012	01/04/12 11:30	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G76-0

Lab ID: 1100837-CZ

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0025	01/03/2012	01/04/12 11:33	
Arsenic	**3.8**	1.0	NA	1	B2A0025	01/03/2012	01/04/12 11:33	
Barium	**870**	1.0	NA	1	B2A0025	01/03/2012	01/04/12 11:33	
Beryllium	ND	1.0	NA	1	B2A0025	01/03/2012	01/04/12 11:33	
Cadmium	**1.7**	1.0	NA	1	B2A0025	01/03/2012	01/04/12 11:33	
Chromium	**31**	1.0	NA	1	B2A0025	01/03/2012	01/04/12 11:33	
Cobalt	**14**	1.0	NA	1	B2A0025	01/03/2012	01/04/12 11:33	
Copper	**51**	2.0	NA	1	B2A0025	01/03/2012	01/04/12 11:33	
Lead	**710**	1.0	NA	1	B2A0025	01/03/2012	01/04/12 11:33	
Molybdenum	ND	1.0	NA	1	B2A0025	01/03/2012	01/04/12 11:33	
Nickel	**53**	1.0	NA	1	B2A0025	01/03/2012	01/04/12 11:33	
Selenium	ND	1.0	NA	1	B2A0025	01/03/2012	01/04/12 11:33	
Silver	ND	1.0	NA	1	B2A0025	01/03/2012	01/04/12 11:33	
Thallium	ND	1.0	NA	1	B2A0025	01/03/2012	01/04/12 11:33	
Vanadium	**84**	1.0	NA	1	B2A0025	01/03/2012	01/04/12 11:33	
Zinc	**150**	1.0	NA	1	B2A0025	01/03/2012	01/04/12 11:33	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G76-0.5
Lab ID: 1100837-DA

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0025	01/03/2012	01/04/12 11:37	
Arsenic	ND	1.0	NA	1	B2A0025	01/03/2012	01/04/12 11:37	
Barium	**8.4**	1.0	NA	1	B2A0025	01/03/2012	01/04/12 11:37	
Beryllium	ND	1.0	NA	1	B2A0025	01/03/2012	01/04/12 11:36	
Cadmium	**1.2**	1.0	NA	1	B2A0025	01/03/2012	01/04/12 11:37	
Chromium	**11**	1.0	NA	1	B2A0025	01/03/2012	01/04/12 11:37	
Cobalt	**15**	1.0	NA	1	B2A0025	01/03/2012	01/04/12 11:37	
Copper	**39**	2.0	NA	1	B2A0025	01/03/2012	01/04/12 11:37	
Lead	**1.2**	1.0	NA	1	B2A0025	01/03/2012	01/04/12 11:37	
Molybdenum	ND	1.0	NA	1	B2A0025	01/03/2012	01/04/12 11:37	
Nickel	**7.9**	1.0	NA	1	B2A0025	01/03/2012	01/04/12 11:37	
Selenium	ND	1.0	NA	1	B2A0025	01/03/2012	01/04/12 11:37	
Silver	ND	1.0	NA	1	B2A0025	01/03/2012	01/04/12 11:37	
Thallium	ND	1.0	NA	1	B2A0025	01/03/2012	01/04/12 11:37	
Vanadium	**150**	1.0	NA	1	B2A0025	01/03/2012	01/04/12 11:37	
Zinc	**46**	1.0	NA	1	B2A0025	01/03/2012	01/04/12 11:37	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G76-1.5
Lab ID: 1100837-DB

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	10	NA	5	B2A0025	01/03/2012	01/04/12 13:57	
Arsenic	ND	5.0	NA	5	B2A0025	01/03/2012	01/04/12 13:57	
Barium	**8.0**	5.0	NA	5	B2A0025	01/03/2012	01/04/12 13:57	
Beryllium	ND	5.0	NA	5	B2A0025	01/03/2012	01/04/12 13:56	
Cadmium	ND	5.0	NA	5	B2A0025	01/03/2012	01/04/12 13:57	
Chromium	**12**	5.0	NA	5	B2A0025	01/03/2012	01/04/12 13:57	
Cobalt	**24**	5.0	NA	5	B2A0025	01/03/2012	01/04/12 13:57	
Copper	**37**	10	NA	5	B2A0025	01/03/2012	01/04/12 13:57	
Lead	ND	5.0	NA	5	B2A0025	01/03/2012	01/04/12 13:57	
Molybdenum	ND	5.0	NA	5	B2A0025	01/03/2012	01/04/12 13:57	
Nickel	**11**	5.0	NA	5	B2A0025	01/03/2012	01/04/12 13:57	
Selenium	ND	5.0	NA	5	B2A0025	01/03/2012	01/04/12 13:57	
Silver	ND	5.0	NA	5	B2A0025	01/03/2012	01/04/12 13:57	
Thallium	ND	5.0	NA	5	B2A0025	01/03/2012	01/04/12 13:57	
Vanadium	**220**	5.0	NA	5	B2A0025	01/03/2012	01/04/12 13:57	
Zinc	**89**	5.0	NA	5	B2A0025	01/03/2012	01/04/12 13:57	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G76-2.5
Lab ID: 1100837-DC

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0025	01/03/2012	01/04/12 11:53	
Arsenic	**8.1**	1.0	NA	1	B2A0025	01/03/2012	01/04/12 11:53	
Barium	**100**	1.0	NA	1	B2A0025	01/03/2012	01/04/12 11:53	
Beryllium	ND	1.0	NA	1	B2A0025	01/03/2012	01/04/12 11:52	
Cadmium	ND	1.0	NA	1	B2A0025	01/03/2012	01/04/12 11:53	
Chromium	**31**	1.0	NA	1	B2A0025	01/03/2012	01/04/12 11:53	
Cobalt	**14**	1.0	NA	1	B2A0025	01/03/2012	01/04/12 11:53	
Copper	**44**	2.0	NA	1	B2A0025	01/03/2012	01/04/12 11:53	
Lead	**15**	1.0	NA	1	B2A0025	01/03/2012	01/04/12 11:53	
Molybdenum	ND	1.0	NA	1	B2A0025	01/03/2012	01/04/12 11:53	
Nickel	**35**	1.0	NA	1	B2A0025	01/03/2012	01/04/12 11:53	
Selenium	ND	1.0	NA	1	B2A0025	01/03/2012	01/04/12 11:53	
Silver	ND	1.0	NA	1	B2A0025	01/03/2012	01/04/12 11:53	
Thallium	ND	1.0	NA	1	B2A0025	01/03/2012	01/04/12 11:53	
Vanadium	**43**	1.0	NA	1	B2A0025	01/03/2012	01/04/12 11:53	
Zinc	**60**	1.0	NA	1	B2A0025	01/03/2012	01/04/12 11:53	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G77-0

Lab ID: 1100837-DD

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0026	01/03/2012	01/04/12 12:14	
Arsenic	ND	1.0	NA	1	B2A0026	01/03/2012	01/04/12 12:14	
Barium	**29**	1.0	NA	1	B2A0026	01/03/2012	01/04/12 12:13	
Beryllium	ND	1.0	NA	1	B2A0026	01/03/2012	01/04/12 12:13	
Cadmium	ND	1.0	NA	1	B2A0026	01/03/2012	01/04/12 12:14	
Chromium	**9.3**	1.0	NA	1	B2A0026	01/03/2012	01/04/12 12:14	
Cobalt	**11**	1.0	NA	1	B2A0026	01/03/2012	01/04/12 12:14	
Copper	**83**	2.0	NA	1	B2A0026	01/03/2012	01/04/12 12:13	
Lead	**17**	1.0	NA	1	B2A0026	01/03/2012	01/04/12 12:14	
Molybdenum	ND	1.0	NA	1	B2A0026	01/03/2012	01/04/12 12:14	
Nickel	**11**	1.0	NA	1	B2A0026	01/03/2012	01/04/12 12:14	
Selenium	ND	1.0	NA	1	B2A0026	01/03/2012	01/04/12 12:14	
Silver	ND	1.0	NA	1	B2A0026	01/03/2012	01/04/12 12:13	
Thallium	ND	1.0	NA	1	B2A0026	01/03/2012	01/04/12 12:14	
Vanadium	**91**	1.0	NA	1	B2A0026	01/03/2012	01/04/12 12:13	
Zinc	**91**	1.0	NA	1	B2A0026	01/03/2012	01/04/12 12:13	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G77-0.5
Lab ID: 1100837-DE

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0026	01/03/2012	01/04/12 12:17	
Arsenic	**5.3**	1.0	NA	1	B2A0026	01/03/2012	01/04/12 12:17	
Barium	**95**	1.0	NA	1	B2A0026	01/03/2012	01/04/12 12:17	
Beryllium	ND	1.0	NA	1	B2A0026	01/03/2012	01/04/12 12:17	
Cadmium	ND	1.0	NA	1	B2A0026	01/03/2012	01/04/12 12:17	
Chromium	**24**	1.0	NA	1	B2A0026	01/03/2012	01/04/12 12:17	
Cobalt	**11**	1.0	NA	1	B2A0026	01/03/2012	01/04/12 12:17	
Copper	**34**	2.0	NA	1	B2A0026	01/03/2012	01/04/12 12:17	
Lead	**78**	1.0	NA	1	B2A0026	01/03/2012	01/04/12 12:17	
Molybdenum	ND	1.0	NA	1	B2A0026	01/03/2012	01/04/12 12:17	
Nickel	**39**	1.0	NA	1	B2A0026	01/03/2012	01/04/12 12:17	
Selenium	ND	1.0	NA	1	B2A0026	01/03/2012	01/04/12 12:17	
Silver	ND	1.0	NA	1	B2A0026	01/03/2012	01/04/12 12:17	
Thallium	ND	1.0	NA	1	B2A0026	01/03/2012	01/04/12 12:17	
Vanadium	**30**	1.0	NA	1	B2A0026	01/03/2012	01/04/12 12:17	
Zinc	**55**	1.0	NA	1	B2A0026	01/03/2012	01/04/12 12:17	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G77-1.5
Lab ID: 1100837-DF

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	10	NA	5	B2A0026	01/03/2012	01/04/12 14:13	
Arsenic	**8.3**	5.0	NA	5	B2A0026	01/03/2012	01/04/12 14:13	
Barium	**220**	5.0	NA	5	B2A0026	01/03/2012	01/04/12 14:13	
Beryllium	ND	5.0	NA	5	B2A0026	01/03/2012	01/04/12 14:12	
Cadmium	ND	5.0	NA	5	B2A0026	01/03/2012	01/04/12 14:13	
Chromium	**43**	5.0	NA	5	B2A0026	01/03/2012	01/04/12 14:13	
Cobalt	**14**	5.0	NA	5	B2A0026	01/03/2012	01/04/12 14:13	
Copper	**44**	10	NA	5	B2A0026	01/03/2012	01/04/12 14:13	
Lead	**15**	5.0	NA	5	B2A0026	01/03/2012	01/04/12 14:13	
Molybdenum	ND	5.0	NA	5	B2A0026	01/03/2012	01/04/12 14:13	
Nickel	**50**	5.0	NA	5	B2A0026	01/03/2012	01/04/12 14:13	
Selenium	ND	5.0	NA	5	B2A0026	01/03/2012	01/04/12 14:13	
Silver	ND	5.0	NA	5	B2A0026	01/03/2012	01/04/12 14:13	
Thallium	ND	5.0	NA	5	B2A0026	01/03/2012	01/04/12 14:13	
Vanadium	**47**	5.0	NA	5	B2A0026	01/03/2012	01/04/12 14:13	
Zinc	**77**	5.0	NA	5	B2A0026	01/03/2012	01/04/12 14:13	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G77-2.5
Lab ID: 1100837-DG

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0026	01/03/2012	01/04/12 12:31	
Arsenic	**6.0**	1.0	NA	1	B2A0026	01/03/2012	01/04/12 12:31	
Barium	**120**	1.0	NA	1	B2A0026	01/03/2012	01/04/12 12:31	
Beryllium	ND	1.0	NA	1	B2A0026	01/03/2012	01/04/12 12:31	
Cadmium	ND	1.0	NA	1	B2A0026	01/03/2012	01/04/12 12:31	
Chromium	**36**	1.0	NA	1	B2A0026	01/03/2012	01/04/12 12:31	
Cobalt	**12**	1.0	NA	1	B2A0026	01/03/2012	01/04/12 12:31	
Copper	**33**	2.0	NA	1	B2A0026	01/03/2012	01/04/12 12:31	
Lead	**25**	1.0	NA	1	B2A0026	01/03/2012	01/04/12 12:31	
Molybdenum	ND	1.0	NA	1	B2A0026	01/03/2012	01/04/12 12:31	
Nickel	**36**	1.0	NA	1	B2A0026	01/03/2012	01/04/12 12:31	
Selenium	ND	1.0	NA	1	B2A0026	01/03/2012	01/04/12 12:31	
Silver	ND	1.0	NA	1	B2A0026	01/03/2012	01/04/12 12:31	
Thallium	ND	1.0	NA	1	B2A0026	01/03/2012	01/04/12 12:31	
Vanadium	**46**	1.0	NA	1	B2A0026	01/03/2012	01/04/12 12:31	
Zinc	**72**	1.0	NA	1	B2A0026	01/03/2012	01/04/12 12:31	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G78-0

Lab ID: 1100837-DH

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0026	01/03/2012	01/04/12 12:35	
Arsenic	**6.2**	1.0	NA	1	B2A0026	01/03/2012	01/04/12 12:35	
Barium	**140**	1.0	NA	1	B2A0026	01/03/2012	01/04/12 12:35	
Beryllium	ND	1.0	NA	1	B2A0026	01/03/2012	01/04/12 12:34	
Cadmium	ND	1.0	NA	1	B2A0026	01/03/2012	01/04/12 12:35	
Chromium	**33**	1.0	NA	1	B2A0026	01/03/2012	01/04/12 12:35	
Cobalt	**17**	1.0	NA	1	B2A0026	01/03/2012	01/04/12 12:35	
Copper	**52**	2.0	NA	1	B2A0026	01/03/2012	01/04/12 12:35	
Lead	**18**	1.0	NA	1	B2A0026	01/03/2012	01/04/12 12:35	
Molybdenum	ND	1.0	NA	1	B2A0026	01/03/2012	01/04/12 12:35	
Nickel	**48**	1.0	NA	1	B2A0026	01/03/2012	01/04/12 12:35	
Selenium	ND	1.0	NA	1	B2A0026	01/03/2012	01/04/12 12:35	
Silver	ND	1.0	NA	1	B2A0026	01/03/2012	01/04/12 12:35	
Thallium	ND	1.0	NA	1	B2A0026	01/03/2012	01/04/12 12:35	
Vanadium	**55**	1.0	NA	1	B2A0026	01/03/2012	01/04/12 12:35	
Zinc	**80**	1.0	NA	1	B2A0026	01/03/2012	01/04/12 12:35	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G78-0.5
Lab ID: 1100837-DI

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0026	01/03/2012	01/04/12 12:39	
Arsenic	**12**	1.0	NA	1	B2A0026	01/03/2012	01/04/12 12:39	
Barium	**100**	1.0	NA	1	B2A0026	01/03/2012	01/04/12 12:38	
Beryllium	ND	1.0	NA	1	B2A0026	01/03/2012	01/04/12 12:38	
Cadmium	**1.1**	1.0	NA	1	B2A0026	01/03/2012	01/04/12 12:39	
Chromium	**41**	1.0	NA	1	B2A0026	01/03/2012	01/04/12 12:38	
Cobalt	**18**	1.0	NA	1	B2A0026	01/03/2012	01/04/12 12:39	
Copper	**64**	2.0	NA	1	B2A0026	01/03/2012	01/04/12 12:38	
Lead	**9.6**	1.0	NA	1	B2A0026	01/03/2012	01/04/12 12:39	
Molybdenum	ND	1.0	NA	1	B2A0026	01/03/2012	01/04/12 12:38	
Nickel	**60**	1.0	NA	1	B2A0026	01/03/2012	01/04/12 12:38	
Selenium	ND	1.0	NA	1	B2A0026	01/03/2012	01/04/12 12:39	
Silver	ND	1.0	NA	1	B2A0026	01/03/2012	01/04/12 12:38	
Thallium	ND	1.0	NA	1	B2A0026	01/03/2012	01/04/12 12:39	
Vanadium	**47**	1.0	NA	1	B2A0026	01/03/2012	01/04/12 12:38	
Zinc	**84**	1.0	NA	1	B2A0026	01/03/2012	01/04/12 12:38	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G78-1.5
Lab ID: 1100837-DJ

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	10	NA	5	B2A0026	01/03/2012	01/04/12 14:17	
Arsenic	**9.6**	5.0	NA	5	B2A0026	01/03/2012	01/04/12 14:17	
Barium	**270**	5.0	NA	5	B2A0026	01/03/2012	01/04/12 14:17	
Beryllium	ND	5.0	NA	5	B2A0026	01/03/2012	01/04/12 14:16	
Cadmium	ND	5.0	NA	5	B2A0026	01/03/2012	01/04/12 14:17	
Chromium	**45**	5.0	NA	5	B2A0026	01/03/2012	01/04/12 14:17	
Cobalt	**21**	5.0	NA	5	B2A0026	01/03/2012	01/04/12 14:17	
Copper	**49**	10	NA	5	B2A0026	01/03/2012	01/04/12 14:17	
Lead	**7.5**	5.0	NA	5	B2A0026	01/03/2012	01/04/12 14:17	
Molybdenum	ND	5.0	NA	5	B2A0026	01/03/2012	01/04/12 14:17	
Nickel	**59**	5.0	NA	5	B2A0026	01/03/2012	01/04/12 14:17	
Selenium	ND	5.0	NA	5	B2A0026	01/03/2012	01/04/12 14:17	
Silver	ND	5.0	NA	5	B2A0026	01/03/2012	01/04/12 14:17	
Thallium	ND	5.0	NA	5	B2A0026	01/03/2012	01/04/12 14:17	
Vanadium	**53**	5.0	NA	5	B2A0026	01/03/2012	01/04/12 14:17	
Zinc	**78**	5.0	NA	5	B2A0026	01/03/2012	01/04/12 14:17	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G78-2.5
Lab ID: 1100837-DK

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0026	01/03/2012	01/04/12 12:45	
Arsenic	**8.3**	1.0	NA	1	B2A0026	01/03/2012	01/04/12 12:45	
Barium	**160**	1.0	NA	1	B2A0026	01/03/2012	01/04/12 12:45	
Beryllium	ND	1.0	NA	1	B2A0026	01/03/2012	01/04/12 12:45	
Cadmium	ND	1.0	NA	1	B2A0026	01/03/2012	01/04/12 12:45	
Chromium	**41**	1.0	NA	1	B2A0026	01/03/2012	01/04/12 12:45	
Cobalt	**16**	1.0	NA	1	B2A0026	01/03/2012	01/04/12 12:45	
Copper	**45**	2.0	NA	1	B2A0026	01/03/2012	01/04/12 12:45	
Lead	**18**	1.0	NA	1	B2A0026	01/03/2012	01/04/12 12:45	
Molybdenum	ND	1.0	NA	1	B2A0026	01/03/2012	01/04/12 12:45	
Nickel	**47**	1.0	NA	1	B2A0026	01/03/2012	01/04/12 12:45	
Selenium	ND	1.0	NA	1	B2A0026	01/03/2012	01/04/12 12:45	
Silver	ND	1.0	NA	1	B2A0026	01/03/2012	01/04/12 12:45	
Thallium	ND	1.0	NA	1	B2A0026	01/03/2012	01/04/12 12:45	
Vanadium	**51**	1.0	NA	1	B2A0026	01/03/2012	01/04/12 12:45	
Zinc	**65**	1.0	NA	1	B2A0026	01/03/2012	01/04/12 12:45	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G79-0

Lab ID: 1100837-DL

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0026	01/03/2012	01/04/12 12:49	
Arsenic	**8.5**	1.0	NA	1	B2A0026	01/03/2012	01/04/12 12:49	
Barium	**210**	1.0	NA	1	B2A0026	01/03/2012	01/04/12 12:49	
Beryllium	ND	1.0	NA	1	B2A0026	01/03/2012	01/04/12 12:48	
Cadmium	**1.2**	1.0	NA	1	B2A0026	01/03/2012	01/04/12 12:49	
Chromium	**35**	1.0	NA	1	B2A0026	01/03/2012	01/04/12 12:49	
Cobalt	**17**	1.0	NA	1	B2A0026	01/03/2012	01/04/12 12:49	
Copper	**52**	2.0	NA	1	B2A0026	01/03/2012	01/04/12 12:49	
Lead	**64**	1.0	NA	1	B2A0026	01/03/2012	01/04/12 12:49	
Molybdenum	ND	1.0	NA	1	B2A0026	01/03/2012	01/04/12 12:49	
Nickel	**46**	1.0	NA	1	B2A0026	01/03/2012	01/04/12 12:49	
Selenium	ND	1.0	NA	1	B2A0026	01/03/2012	01/04/12 12:49	
Silver	ND	1.0	NA	1	B2A0026	01/03/2012	01/04/12 12:49	
Thallium	ND	1.0	NA	1	B2A0026	01/03/2012	01/04/12 12:49	
Vanadium	**62**	1.0	NA	1	B2A0026	01/03/2012	01/04/12 12:49	
Zinc	**100**	1.0	NA	1	B2A0026	01/03/2012	01/04/12 12:49	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G79-0.5
Lab ID: 1100837-DM

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0026	01/03/2012	01/04/12 12:52	
Arsenic	**11**	1.0	NA	1	B2A0026	01/03/2012	01/04/12 12:52	
Barium	**120**	1.0	NA	1	B2A0026	01/03/2012	01/04/12 12:52	
Beryllium	ND	1.0	NA	1	B2A0026	01/03/2012	01/04/12 12:52	
Cadmium	**1.1**	1.0	NA	1	B2A0026	01/03/2012	01/04/12 12:52	
Chromium	**49**	1.0	NA	1	B2A0026	01/03/2012	01/04/12 12:52	
Cobalt	**17**	1.0	NA	1	B2A0026	01/03/2012	01/04/12 12:52	
Copper	**60**	2.0	NA	1	B2A0026	01/03/2012	01/04/12 12:52	
Lead	**7.8**	1.0	NA	1	B2A0026	01/03/2012	01/04/12 12:52	
Molybdenum	ND	1.0	NA	1	B2A0026	01/03/2012	01/04/12 12:52	
Nickel	**65**	1.0	NA	1	B2A0026	01/03/2012	01/04/12 12:52	
Selenium	ND	1.0	NA	1	B2A0026	01/03/2012	01/04/12 12:52	
Silver	ND	1.0	NA	1	B2A0026	01/03/2012	01/04/12 12:52	
Thallium	ND	1.0	NA	1	B2A0026	01/03/2012	01/04/12 12:52	
Vanadium	**51**	1.0	NA	1	B2A0026	01/03/2012	01/04/12 12:52	
Zinc	**84**	1.0	NA	1	B2A0026	01/03/2012	01/04/12 12:52	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

Client Sample ID G79-1.5
Lab ID: 1100837-DN

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0027	01/03/2012	01/04/12 13:22	
Arsenic	**7.3**	1.0	NA	1	B2A0027	01/03/2012	01/04/12 13:22	
Barium	**220**	1.0	NA	1	B2A0027	01/03/2012	01/04/12 13:22	
Beryllium	ND	1.0	NA	1	B2A0027	01/03/2012	01/04/12 13:21	
Cadmium	**1.0**	1.0	NA	1	B2A0027	01/03/2012	01/04/12 13:22	
Chromium	**37**	1.0	NA	1	B2A0027	01/03/2012	01/04/12 13:22	
Cobalt	**15**	1.0	NA	1	B2A0027	01/03/2012	01/04/12 13:22	
Copper	**48**	2.0	NA	1	B2A0027	01/03/2012	01/04/12 13:22	
Lead	**30**	1.0	NA	1	B2A0027	01/03/2012	01/04/12 13:22	
Molybdenum	ND	1.0	NA	1	B2A0027	01/03/2012	01/04/12 13:22	
Nickel	**47**	1.0	NA	1	B2A0027	01/03/2012	01/04/12 13:22	
Selenium	ND	1.0	NA	1	B2A0027	01/03/2012	01/04/12 13:22	
Silver	ND	1.0	NA	1	B2A0027	01/03/2012	01/04/12 13:22	
Thallium	ND	1.0	NA	1	B2A0027	01/03/2012	01/04/12 13:22	
Vanadium	**42**	1.0	NA	1	B2A0027	01/03/2012	01/04/12 13:22	
Zinc	**70**	1.0	NA	1	B2A0027	01/03/2012	01/04/12 13:22	

Geocon Consultants, Inc.	Project Number : TO-16, E8560-06-16
6671 Brisa Street	Report To : Luann Beadle
Livermore , CA 94550	Reported : 01/04/2012

Client Sample ID G79-2.5
Lab ID: 1100837-DO

Total Metals by ICP-AES EPA 6010B

Analyst: KK

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	40	NA	20	B2A0027	01/03/2012	01/04/12 14:28	
Arsenic	ND	20	NA	20	B2A0027	01/03/2012	01/04/12 14:28	
Barium	**84**	20	NA	20	B2A0027	01/03/2012	01/04/12 14:28	
Beryllium	ND	20	NA	20	B2A0027	01/03/2012	01/04/12 14:27	
Cadmium	ND	20	NA	20	B2A0027	01/03/2012	01/04/12 14:28	
Chromium	ND	20	NA	20	B2A0027	01/03/2012	01/04/12 14:28	
Cobalt	ND	20	NA	20	B2A0027	01/03/2012	01/04/12 14:28	
Copper	ND	40	NA	20	B2A0027	01/03/2012	01/04/12 14:28	
Lead	ND	20	NA	20	B2A0027	01/03/2012	01/04/12 14:28	
Molybdenum	ND	20	NA	20	B2A0027	01/03/2012	01/04/12 14:28	
Nickel	ND	20	NA	20	B2A0027	01/03/2012	01/04/12 14:28	
Selenium	ND	20	NA	20	B2A0027	01/03/2012	01/04/12 14:28	
Silver	ND	20	NA	20	B2A0027	01/03/2012	01/04/12 14:28	
Thallium	ND	20	NA	20	B2A0027	01/03/2012	01/04/12 14:28	
Vanadium	**25**	20	NA	20	B2A0027	01/03/2012	01/04/12 14:28	
Zinc	**47**	20	NA	20	B2A0027	01/03/2012	01/04/12 14:28	

Hexavalent Chromium by EPA 7196A/3060A

Analyte: Hexavalent Chromium

Analyst: AG

Laboratory ID	Client Sample ID	Result	Units	PQL	MDL	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1100837-01	G15-0	**ND**	mg/kg	1.0	NA	1	B2A0117	01/03/2012	01/04/12 16:40	

Geocon Consultants, Inc.	Project Number : TO-16, E8560-06-16
6671 Brisa Street	Report To : Luann Beadle
Livermore , CA 94550	Reported : 01/04/2012

Mercury by AA (Cold Vapor) EPA 7471

Analyte: Mercury **Analyst: VV**

Laboratory ID	Client Sample ID	Result	Units	PQL	MDL	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1100837-01	G15-0	**2.0**	mg/kg	0.10	NA	1	B2A0028	01/03/2012	01/03/12 21:12	
1100837-02	G15-0.5	**0.89**	mg/kg	0.10	NA	1	B2A0028	01/03/2012	01/03/12 21:14	
1100837-03	G15-1.5	**1.4**	mg/kg	0.10	NA	1	B2A0028	01/03/2012	01/03/12 21:16	
1100837-04	G15-2.5	**2.0**	mg/kg	0.10	NA	1	B2A0028	01/03/2012	01/03/12 21:18	
1100837-05	G16-0	**0.67**	mg/kg	0.10	NA	1	B2A0028	01/03/2012	01/03/12 21:24	
1100837-06	G16-0.5	**1.5**	mg/kg	0.10	NA	1	B2A0028	01/03/2012	01/03/12 21:26	
1100837-07	G16-1.5	**1.2**	mg/kg	0.10	NA	1	B2A0028	01/03/2012	01/03/12 21:28	
1100837-08	G16-2.5	**1.8**	mg/kg	0.20	NA	2	B2A0028	01/03/2012	01/04/12 08:32	
1100837-09	G17-0	**28**	mg/kg	16	NA	160	B2A0028	01/03/2012	01/04/12 08:34	
1100837-10	G17-0.5	**1.3**	mg/kg	0.10	NA	1	B2A0028	01/03/2012	01/03/12 21:08	
1100837-11	G17-1.5	**0.35**	mg/kg	0.10	NA	1	B2A0029	01/03/2012	01/03/12 21:54	
1100837-12	G17-2.5	**1.1**	mg/kg	0.10	NA	1	B2A0029	01/03/2012	01/03/12 21:56	
1100837-13	G18-0	**2.3**	mg/kg	0.20	NA	2	B2A0029	01/03/2012	01/04/12 08:43	
1100837-14	G18-0.5	**0.64**	mg/kg	0.10	NA	1	B2A0029	01/03/2012	01/03/12 22:00	
1100837-15	G18-1.5	**1.1**	mg/kg	0.10	NA	1	B2A0029	01/03/2012	01/03/12 22:02	
1100837-16	G18-2.5	**2.1**	mg/kg	0.10	NA	1	B2A0029	01/03/2012	01/03/12 22:04	
1100837-17	G19-0	**3.5**	mg/kg	0.40	NA	4	B2A0029	01/03/2012	01/04/12 08:45	
1100837-18	G19-0.5	**7.8**	mg/kg	1.0	NA	10	B2A0029	01/03/2012	01/04/12 08:47	
1100837-19	G19-1.5	**1.4**	mg/kg	0.10	NA	1	B2A0029	01/03/2012	01/03/12 22:14	
1100837-20	G19-2.5	**1.0**	mg/kg	0.10	NA	1	B2A0029	01/03/2012	01/03/12 21:49	
1100837-21	G20-0	**1.1**	mg/kg	0.10	NA	1	B2A0030	01/03/2012	01/03/12 22:31	
1100837-22	G20-0.5	**1.5**	mg/kg	0.10	NA	1	B2A0030	01/03/2012	01/03/12 22:33	
1100837-23	G20-1.5	**4.8**	mg/kg	1.0	NA	10	B2A0030	01/03/2012	01/04/12 09:02	
1100837-24	G20-2.5	**1.7**	mg/kg	0.10	NA	1	B2A0030	01/03/2012	01/03/12 22:42	
1100837-25	G21-0	**1.8**	mg/kg	0.10	NA	1	B2A0030	01/03/2012	01/03/12 22:44	
1100837-26	G21-0.5	**1.9**	mg/kg	0.20	NA	2	B2A0030	01/03/2012	01/04/12 09:04	
1100837-27	G21-1.5	**0.28**	mg/kg	0.10	NA	1	B2A0030	01/03/2012	01/03/12 22:48	
1100837-28	G21-2.5	**0.11**	mg/kg	0.10	NA	1	B2A0030	01/03/2012	01/03/12 22:50	
1100837-29	G22-0	**1.3**	mg/kg	0.10	NA	1	B2A0030	01/03/2012	01/03/12 22:52	
1100837-30	G22-0.5	**2.7**	mg/kg	0.20	NA	2	B2A0030	01/03/2012	01/04/12 08:54	

1100837-31	G22-1.5	**0.20**	mg/kg	0.10	NA	1	B2A0031	01/03/2012	01/03/12 23:13
1100837-32	G22-2.5	**0.20**	mg/kg	0.10	NA	1	B2A0031	01/03/2012	01/03/12 23:15
1100837-33	G23-0	**0.40**	mg/kg	0.10	NA	1	B2A0031	01/03/2012	01/03/12 23:17
1100837-34	G23-0.5	**6.3**	mg/kg	1.0	NA	10	B2A0031	01/03/2012	01/04/12 09:17
1100837-35	G23-1.5	**0.49**	mg/kg	0.10	NA	1	B2A0031	01/03/2012	01/03/12 23:21
1100837-36	G23-2.5	**0.98**	mg/kg	0.10	NA	1	B2A0031	01/03/2012	01/03/12 23:23
1100837-37	G24-0	**1.1**	mg/kg	0.10	NA	1	B2A0031	01/03/2012	01/04/12 16:33
1100837-38	G24-0.5	**1.6**	mg/kg	0.10	NA	1	B2A0031	01/03/2012	01/04/12 16:35
1100837-39	G24-1.5	**1.1**	mg/kg	0.10	NA	1	B2A0031	01/03/2012	01/04/12 16:38
1100837-40	G24-2.5	**2.3**	mg/kg	0.20	NA	2	B2A0031	01/03/2012	01/04/12 09:11
1100837-41	G33-0	**1.7**	mg/kg	0.10	NA	1	B2A0032	01/03/2012	01/04/12 09:24
1100837-42	G33-0.5	**2.9**	mg/kg	0.20	NA	2	B2A0032	01/03/2012	01/04/12 16:58
1100837-43	G33-1.5	**7.8**	mg/kg	1.0	NA	10	B2A0032	01/03/2012	01/04/12 17:00
1100837-44	G33-2.5	**0.27**	mg/kg	0.10	NA	1	B2A0032	01/03/2012	01/04/12 09:30
1100837-45	G36-0	**0.89**	mg/kg	0.10	NA	1	B2A0032	01/03/2012	01/04/12 09:32
1100837-46	G36-0.5	**1.2**	mg/kg	0.10	NA	1	B2A0032	01/03/2012	01/04/12 09:45
1100837-47	G36-1.5	**0.72**	mg/kg	0.10	NA	1	B2A0032	01/03/2012	01/04/12 09:36
1100837-48	G36-2.5	**0.81**	mg/kg	0.10	NA	1	B2A0032	01/03/2012	01/04/12 09:38
1100837-49	G37-0	**ND**	mg/kg	0.10	NA	1	B2A0032	01/03/2012	01/04/12 09:47
1100837-50	G37-0.5	**ND**	mg/kg	0.10	NA	1	B2A0032	01/03/2012	01/04/12 16:50
1100837-51	G37-1.5	**ND**	mg/kg	0.10	NA	1	B2A0033	01/03/2012	01/03/12 19:59
1100837-52	G37-2.5	**ND**	mg/kg	0.10	NA	1	B2A0033	01/03/2012	01/03/12 20:01
1100837-53	G40-0	**0.58**	mg/kg	0.10	NA	1	B2A0033	01/03/2012	01/03/12 20:03
1100837-54	G40-0.5	**4.2**	mg/kg	1.0	NA	10	B2A0033	01/03/2012	01/03/12 20:08
1100837-55	G40-1.5	**1.3**	mg/kg	0.10	NA	1	B2A0033	01/03/2012	01/03/12 20:14
1100837-56	G40-2.5	**1.3**	mg/kg	0.10	NA	1	B2A0033	01/03/2012	01/03/12 20:16
1100837-57	G41-0	**0.15**	mg/kg	0.10	NA	1	B2A0033	01/03/2012	01/03/12 20:18
1100837-58	G41-0.5	**ND**	mg/kg	0.10	NA	1	B2A0033	01/03/2012	01/03/12 20:20
1100837-59	G41-1.5	**ND**	mg/kg	0.10	NA	1	B2A0033	01/03/2012	01/03/12 20:22
1100837-60	G41-2.5	**ND**	mg/kg	0.10	NA	1	B2A0033	01/03/2012	01/03/12 19:55
1100837-61	G42-0	**0.34**	mg/kg	0.10	NA	1	B2A0034	01/03/2012	01/03/12 20:42
1100837-62	G42-0.5	**0.12**	mg/kg	0.10	NA	1	B2A0034	01/03/2012	01/03/12 20:44
1100837-63	G42-1.5	**ND**	mg/kg	0.10	NA	1	B2A0034	01/03/2012	01/03/12 20:46
1100837-64	G42-2.5	**ND**	mg/kg	0.10	NA	1	B2A0034	01/03/2012	01/03/12 20:48
1100837-65	G43-0	**ND**	mg/kg	0.10	NA	1	B2A0034	01/03/2012	01/03/12 20:50

1100837-66	G43-0.5	**ND**	mg/kg	0.10	NA	1	B2A0034	01/03/2012	01/03/12 20:51
1100837-67	G43-1.5	**ND**	mg/kg	0.10	NA	1	B2A0034	01/03/2012	01/03/12 20:53
1100837-68	G43-2.5	**ND**	mg/kg	0.10	NA	1	B2A0034	01/03/2012	01/03/12 20:55
1100837-69	G44-0	**ND**	mg/kg	0.10	NA	1	B2A0034	01/03/2012	01/03/12 21:01
1100837-70	G44-0.5	**ND**	mg/kg	0.10	NA	1	B2A0034	01/03/2012	01/03/12 20:38
1100837-71	G44-1.5	**ND**	mg/kg	0.10	NA	1	B2A0035	01/03/2012	01/03/12 21:17
1100837-72	G44-2.5	**ND**	mg/kg	0.10	NA	1	B2A0035	01/03/2012	01/03/12 21:19
1100837-73	G47-0	**2.8**	mg/kg	1.0	NA	10	B2A0035	01/03/2012	01/04/12 08:08
1100837-74	G47-0.5	**5.3**	mg/kg	1.0	NA	10	B2A0035	01/03/2012	01/04/12 08:10
1100837-75	G47-1.5	**0.13**	mg/kg	0.10	NA	1	B2A0035	01/03/2012	01/03/12 21:30
1100837-76	G47-2.5	**0.76**	mg/kg	0.10	NA	1	B2A0035	01/03/2012	01/03/12 21:32
1100837-77	G48-0	**0.14**	mg/kg	0.10	NA	1	B2A0035	01/03/2012	01/03/12 21:34
1100837-78	G48-0.5	**5.3**	mg/kg	1.0	NA	10	B2A0035	01/03/2012	01/04/12 13:37
1100837-79	G48-1.5	**ND**	mg/kg	0.10	NA	1	B2A0035	01/03/2012	01/03/12 21:38
1100837-80	G48-2.5	**ND**	mg/kg	0.10	NA	1	B2A0035	01/03/2012	01/03/12 21:13
1100837-81	G49-0	**ND**	mg/kg	0.10	NA	1	B2A0036	01/03/2012	01/03/12 21:58
1100837-82	G49-0.5	**ND**	mg/kg	0.10	NA	1	B2A0036	01/03/2012	01/03/12 22:00
1100837-83	G49-1.5	**ND**	mg/kg	0.10	NA	1	B2A0036	01/03/2012	01/04/12 08:15
1100837-84	G49-2.5	**ND**	mg/kg	0.10	NA	1	B2A0036	01/03/2012	01/04/12 08:16
1100837-85	G52-0	**0.28**	mg/kg	0.10	NA	1	B2A0036	01/03/2012	01/04/12 08:18
1100837-86	G52-0.5	**1.2**	mg/kg	0.10	NA	1	B2A0036	01/03/2012	01/04/12 08:20
1100837-87	G52-1.5	**1.9**	mg/kg	0.10	NA	1	B2A0036	01/03/2012	01/04/12 08:26
1100837-88	G52-2.5	**0.52**	mg/kg	0.10	NA	1	B2A0036	01/03/2012	01/04/12 08:28
1100837-89	G53-0	**0.59**	mg/kg	0.10	NA	1	B2A0036	01/03/2012	01/04/12 08:30
1100837-90	G53-0.5	**0.44**	mg/kg	0.10	NA	1	B2A0036	01/03/2012	01/03/12 21:54
1100837-91	G53-1.5	**0.71**	mg/kg	0.10	NA	1	B2A0037	01/03/2012	01/04/12 08:50
1100837-92	G53-2.5	**0.33**	mg/kg	0.10	NA	1	B2A0037	01/03/2012	01/04/12 08:52
1100837-93	G54-0	**0.17**	mg/kg	0.10	NA	1	B2A0037	01/03/2012	01/04/12 08:54
1100837-94	G54-0.5	**0.10**	mg/kg	0.10	NA	1	B2A0037	01/03/2012	01/04/12 08:56
1100837-95	G54-1.5	**ND**	mg/kg	0.10	NA	1	B2A0037	01/03/2012	01/04/12 08:58
1100837-96	G54-2.5	**0.45**	mg/kg	0.10	NA	1	B2A0037	01/03/2012	01/04/12 09:00
1100837-97	G55-0	**ND**	mg/kg	0.10	NA	1	B2A0037	01/03/2012	01/04/12 09:02
1100837-98	G55-0.5	**ND**	mg/kg	0.10	NA	1	B2A0037	01/03/2012	01/04/12 09:04
1100837-99	G55-1.5	**0.10**	mg/kg	0.10	NA	1	B2A0037	01/03/2012	01/04/12 09:06
1100837-AA	G55-2.5	**ND**	mg/kg	0.10	NA	1	B2A0037	01/03/2012	01/04/12 08:42

1100837-AB	G56-0	**0.46**	mg/kg	0.10	NA	1	B2A0038	01/03/2012	01/04/12 09:57
1100837-AC	G56-0.5	**1.2**	mg/kg	0.10	NA	1	B2A0038	01/03/2012	01/04/12 09:59
1100837-AD	G56-1.5	**1.2**	mg/kg	0.10	NA	1	B2A0038	01/03/2012	01/04/12 13:08
1100837-AE	G56-2.5	**0.36**	mg/kg	0.10	NA	1	B2A0038	01/03/2012	01/04/12 10:04
1100837-AF	G57-0	**ND**	mg/kg	0.10	NA	1	B2A0038	01/03/2012	01/04/12 10:09
1100837-AG	G57-0.5	**ND**	mg/kg	0.10	NA	1	B2A0038	01/03/2012	01/04/12 10:11
1100837-AH	G57-1.5	**0.10**	mg/kg	0.10	NA	1	B2A0038	01/03/2012	01/04/12 10:13
1100837-AI	G57-2.5	**0.24**	mg/kg	0.10	NA	1	B2A0038	01/03/2012	01/04/12 10:15
1100837-AJ	G58-0	**0.57**	mg/kg	0.10	NA	1	B2A0038	01/03/2012	01/04/12 10:17
1100837-AK	G58-0.5	**ND**	mg/kg	0.10	NA	1	B2A0038	01/03/2012	01/04/12 09:53
1100837-AL	G58-1.5	**ND**	mg/kg	0.10	NA	1	B2A0039	01/03/2012	01/04/12 10:37
1100837-AM	G58-2.5	**0.23**	mg/kg	0.10	NA	1	B2A0039	01/03/2012	01/04/12 10:39
1100837-AN	G59-0	**0.20**	mg/kg	0.10	NA	1	B2A0039	01/03/2012	01/04/12 10:41
1100837-AO	G59-0.5	**0.41**	mg/kg	0.10	NA	1	B2A0039	01/03/2012	01/04/12 10:43
1100837-AP	G59-1.5	**ND**	mg/kg	0.10	NA	1	B2A0039	01/03/2012	01/04/12 10:45
1100837-AQ	G59-2.5	**0.68**	mg/kg	0.10	NA	1	B2A0039	01/03/2012	01/04/12 10:47
1100837-AR	G60-0	**0.42**	mg/kg	0.10	NA	1	B2A0039	01/03/2012	01/04/12 10:49
1100837-AS	G60-0.5	**0.88**	mg/kg	0.10	NA	1	B2A0039	01/03/2012	01/04/12 13:06
1100837-AT	G60-1.5	**1.1**	mg/kg	0.10	NA	1	B2A0039	01/03/2012	01/04/12 13:04
1100837-AU	G60-2.5	**ND**	mg/kg	0.10	NA	1	B2A0039	01/03/2012	01/04/12 10:33
1100837-AV	G61-0	**0.47**	mg/kg	0.10	NA	1	B2A0040	01/03/2012	01/04/12 11:13
1100837-AW	G61-0.5	**0.97**	mg/kg	0.10	NA	1	B2A0040	01/03/2012	01/04/12 13:54
1100837-AX	G61-1.5	**ND**	mg/kg	0.10	NA	1	B2A0040	01/03/2012	01/04/12 11:22
1100837-AY	G61-2.5	**ND**	mg/kg	0.10	NA	1	B2A0040	01/03/2012	01/04/12 11:23
1100837-AZ	G62-0	**ND**	mg/kg	0.10	NA	1	B2A0040	01/03/2012	01/04/12 11:25
1100837-BA	G62-0.5	**0.20**	mg/kg	0.10	NA	1	B2A0040	01/03/2012	01/04/12 11:27
1100837-BB	G62-1.5	**ND**	mg/kg	0.10	NA	1	B2A0040	01/03/2012	01/04/12 11:29
1100837-BC	G62-2.5	**0.17**	mg/kg	0.10	NA	1	B2A0040	01/03/2012	01/04/12 11:31
1100837-BD	G63-0	**0.19**	mg/kg	0.10	NA	1	B2A0040	01/03/2012	01/04/12 11:33
1100837-BE	G63-0.5	**0.16**	mg/kg	0.10	NA	1	B2A0040	01/03/2012	01/04/12 11:09
1100837-BF	G63-1.5	**0.50**	mg/kg	0.10	NA	1	B2A0041	01/03/2012	01/04/12 11:59
1100837-BG	G63-2.5	**0.22**	mg/kg	0.10	NA	1	B2A0041	01/03/2012	01/04/12 12:01
1100837-BH	G64-0	**0.78**	mg/kg	0.10	NA	1	B2A0041	01/03/2012	01/04/12 12:03
1100837-BI	G64-0.5	**1.7**	mg/kg	0.10	NA	1	B2A0041	01/03/2012	01/04/12 12:05
1100837-BJ	G64-1.5	**0.19**	mg/kg	0.10	NA	1	B2A0041	01/03/2012	01/04/12 12:07

1100837-BK	G64-2.5	**0.90**	mg/kg	0.10	NA	1	B2A0041	01/03/2012	01/04/12 12:09
1100837-BL	G65-0	**0.63**	mg/kg	0.10	NA	1	B2A0041	01/03/2012	01/04/12 12:15
1100837-BM	G65-0.5	**0.12**	mg/kg	0.10	NA	1	B2A0041	01/03/2012	01/04/12 12:17
1100837-BN	G65-1.5	**0.26**	mg/kg	0.10	NA	1	B2A0041	01/03/2012	01/04/12 12:19
1100837-BO	G65-2.5	**0.13**	mg/kg	0.10	NA	1	B2A0041	01/03/2012	01/04/12 11:55
1100837-BP	G66-0	**0.17**	mg/kg	0.10	NA	1	B2A0042	01/03/2012	01/04/12 12:39
1100837-BQ	G66-0.5	**ND**	mg/kg	0.10	NA	1	B2A0042	01/03/2012	01/04/12 12:41
1100837-BR	G66-1.5	**ND**	mg/kg	0.10	NA	1	B2A0042	01/03/2012	01/04/12 12:43
1100837-BS	G66-2.5	**0.11**	mg/kg	0.10	NA	1	B2A0042	01/03/2012	01/04/12 12:45
1100837-BT	G68-0	**0.27**	mg/kg	0.10	NA	1	B2A0042	01/03/2012	01/04/12 12:47
1100837-BU	G68-0.5	**0.98**	mg/kg	0.10	NA	1	B2A0042	01/03/2012	01/04/12 12:48
1100837-BV	G68-1.5	**0.11**	mg/kg	0.10	NA	1	B2A0042	01/03/2012	01/04/12 12:50
1100837-BW	G68-2.5	**0.13**	mg/kg	0.10	NA	1	B2A0042	01/03/2012	01/04/12 12:52
1100837-BX	G69-0	**0.28**	mg/kg	0.10	NA	1	B2A0042	01/03/2012	01/04/12 12:54
1100837-BY	G69-0.5	**ND**	mg/kg	0.10	NA	1	B2A0042	01/03/2012	01/04/12 12:31
1100837-BZ	G69-1.5	**ND**	mg/kg	0.10	NA	1	B2A0043	01/03/2012	01/04/12 10:37
1100837-CA	G69-2.5	**ND**	mg/kg	0.10	NA	1	B2A0043	01/03/2012	01/04/12 10:40
1100837-CB	G70-0	**0.11**	mg/kg	0.10	NA	1	B2A0043	01/03/2012	01/04/12 10:42
1100837-CC	G70-0.5	**ND**	mg/kg	0.10	NA	1	B2A0043	01/03/2012	01/04/12 10:44
1100837-CD	G70-1.5	**0.10**	mg/kg	0.10	NA	1	B2A0043	01/03/2012	01/04/12 10:50
1100837-CE	G70-2.5	**0.29**	mg/kg	0.10	NA	1	B2A0043	01/03/2012	01/04/12 10:52
1100837-CF	G71-0	**0.25**	mg/kg	0.10	NA	1	B2A0043	01/03/2012	01/04/12 10:54
1100837-CG	G71-0.5	**ND**	mg/kg	0.10	NA	1	B2A0043	01/03/2012	01/04/12 10:56
1100837-CH	G71-1.5	**0.30**	mg/kg	0.10	NA	1	B2A0043	01/03/2012	01/04/12 10:58
1100837-CI	G71-2.5	**0.16**	mg/kg	0.10	NA	1	B2A0043	01/03/2012	01/04/12 10:33
1100837-CJ	G72-0	**0.29**	mg/kg	0.10	NA	1	B2A0044	01/03/2012	01/04/12 11:19
1100837-CK	G72-0.5	**8.4**	mg/kg	1.0	NA	10	B2A0044	01/03/2012	01/04/12 13:33
1100837-CL	G72-1.5	**2.0**	mg/kg	0.10	NA	1	B2A0044	01/03/2012	01/04/12 11:23
1100837-CM	G72-2.5	**0.32**	mg/kg	0.10	NA	1	B2A0044	01/03/2012	01/04/12 11:25
1100837-CN	G73-0	**0.38**	mg/kg	0.10	NA	1	B2A0044	01/03/2012	01/04/12 11:27
1100837-CO	G73-0.5	**ND**	mg/kg	0.10	NA	1	B2A0044	01/03/2012	01/04/12 11:29
1100837-CP	G73-1.5	**15**	mg/kg	10	NA	100	B2A0044	01/03/2012	01/04/12 13:35
1100837-CQ	G73-2.5	**ND**	mg/kg	0.10	NA	1	B2A0044	01/03/2012	01/04/12 11:33
1100837-CR	G74-0	**ND**	mg/kg	0.10	NA	1	B2A0044	01/03/2012	01/04/12 11:39
1100837-CS	G74-0.5	**ND**	mg/kg	0.10	NA	1	B2A0044	01/03/2012	01/04/12 11:14

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

1100837-CT	G74-1.5	**ND**	mg/kg	0.10	NA	1	B2A0045	01/03/2012	01/04/12 11:56
1100837-CU	G74-2.5	**ND**	mg/kg	0.10	NA	1	B2A0045	01/03/2012	01/04/12 11:58
1100837-CV	G75-0	**0.15**	mg/kg	0.10	NA	1	B2A0045	01/03/2012	01/04/12 12:04
1100837-CW	G75-0.5	**ND**	mg/kg	0.10	NA	1	B2A0045	01/03/2012	01/04/12 12:06
1100837-CX	G75-1.5	**ND**	mg/kg	0.10	NA	1	B2A0045	01/03/2012	01/04/12 12:08
1100837-CY	G75-2.5	**ND**	mg/kg	0.10	NA	1	B2A0045	01/03/2012	01/04/12 12:10
1100837-CZ	G76-0	**0.70**	mg/kg	0.10	NA	1	B2A0045	01/03/2012	01/04/12 12:12
1100837-DA	G76-0.5	**0.17**	mg/kg	0.10	NA	1	B2A0045	01/03/2012	01/04/12 12:14
1100837-DB	G76-1.5	**0.15**	mg/kg	0.10	NA	1	B2A0045	01/03/2012	01/04/12 12:16
1100837-DC	G76-2.5	**ND**	mg/kg	0.10	NA	1	B2A0045	01/03/2012	01/04/12 11:52
1100837-DD	G77-0	**0.38**	mg/kg	0.10	NA	1	B2A0046	01/03/2012	01/04/12 12:37
1100837-DE	G77-0.5	**0.12**	mg/kg	0.10	NA	1	B2A0046	01/03/2012	01/04/12 12:39
1100837-DF	G77-1.5	**ND**	mg/kg	0.10	NA	1	B2A0046	01/03/2012	01/04/12 12:41
1100837-DG	G77-2.5	**ND**	mg/kg	0.10	NA	1	B2A0046	01/03/2012	01/04/12 12:43
1100837-DH	G78-0	**ND**	mg/kg	0.10	NA	1	B2A0046	01/03/2012	01/04/12 12:45
1100837-DI	G78-0.5	**ND**	mg/kg	0.10	NA	1	B2A0046	01/03/2012	01/04/12 12:51
1100837-DJ	G78-1.5	**ND**	mg/kg	0.10	NA	1	B2A0046	01/03/2012	01/04/12 12:53
1100837-DK	G78-2.5	**ND**	mg/kg	0.10	NA	1	B2A0046	01/03/2012	01/04/12 12:55
1100837-DL	G79-0	**0.15**	mg/kg	0.10	NA	1	B2A0046	01/03/2012	01/04/12 13:02
1100837-DM	G79-0.5	**ND**	mg/kg	0.10	NA	1	B2A0046	01/03/2012	01/04/12 12:33
1100837-DN	G79-1.5	**ND**	mg/kg	0.10	NA	1	B2A0047	01/03/2012	01/04/12 13:29
1100837-DO	G79-2.5	**ND**	mg/kg	0.10	NA	1	B2A0047	01/03/2012	01/04/12 13:25

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pH by EPA 9045C

Analyte: pH **Analyst: PT**

Laboratory ID	Client Sample ID	Result	Units	PQL	MDL	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1100837-01	G15-0	**8.6**	pH Units	0.10	NA	1	B2A0095	01/04/2012	01/04/12 10:30	
1100837-10	G17-0.5	**8.8**	pH Units	0.10	NA	1	B2A0095	01/04/2012	01/04/12 10:30	
1100837-20	G19-2.5	**9.0**	pH Units	0.10	NA	1	B2A0095	01/04/2012	01/04/12 10:30	
1100837-30	G22-0.5	**8.1**	pH Units	0.10	NA	1	B2A0095	01/04/2012	01/04/12 10:30	
1100837-40	G24-2.5	**8.7**	pH Units	0.10	NA	1	B2A0102	01/04/2012	01/04/12 11:45	
1100837-50	G37-0.5	**8.3**	pH Units	0.10	NA	1	B2A0102	01/04/2012	01/04/12 11:45	
1100837-60	G41-2.5	**8.7**	pH Units	0.10	NA	1	B2A0102	01/04/2012	01/04/12 11:45	
1100837-70	G44-0.5	**8.2**	pH Units	0.10	NA	1	B2A0102	01/04/2012	01/04/12 11:45	
1100837-80	G48-2.5	**8.2**	pH Units	0.10	NA	1	B2A0102	01/04/2012	01/04/12 11:45	
1100837-90	G53-0.5	**8.4**	pH Units	0.10	NA	1	B2A0102	01/04/2012	01/04/12 11:45	
1100837-AA	G55-2.5	**7.9**	pH Units	0.10	NA	1	B2A0102	01/04/2012	01/04/12 11:45	
1100837-AK	G58-0.5	**7.6**	pH Units	0.10	NA	1	B2A0102	01/04/2012	01/04/12 11:45	
1100837-AU	G60-2.5	**7.8**	pH Units	0.10	NA	1	B2A0102	01/04/2012	01/04/12 11:45	
1100837-BE	G63-0.5	**7.5**	pH Units	0.10	NA	1	B2A0102	01/04/2012	01/04/12 11:45	
1100837-BO	G65-2.5	**7.7**	pH Units	0.10	NA	1	B2A0107	01/04/2012	01/04/12 13:00	
1100837-BY	G69-0.5	**8.0**	pH Units	0.10	NA	1	B2A0107	01/04/2012	01/04/12 13:00	
1100837-CI	G71-2.5	**8.6**	pH Units	0.10	NA	1	B2A0107	01/04/2012	01/04/12 13:00	
1100837-CS	G74-0.5	**8.4**	pH Units	0.10	NA	1	B2A0107	01/04/2012	01/04/12 13:00	
1100837-DC	G76-2.5	**7.6**	pH Units	0.10	NA	1	B2A0107	01/04/2012	01/04/12 13:00	
1100837-DM	G79-0.5	**8.1**	pH Units	0.10	NA	1	B2A0107	01/04/2012	01/04/12 13:00	

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QUALITY CONTROL SECTION

Total Metals by ICP-AES EPA 6010B - Quality Control

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0008 - EPA 3050B									
Blank (B2A0008-BLK1)					Prepared: 1/3/2012 Analyzed: 1/3/2012				
Antimony	ND	2.0			NR				
Arsenic	ND	1.0			NR				
Barium	ND	1.0			NR				
Beryllium	ND	1.0			NR				
Cadmium	ND	1.0			NR				
Chromium	ND	1.0			NR				
Cobalt	ND	1.0			NR				
Copper	ND	2.0			NR				
Lead	ND	1.0			NR				
Molybdenum	ND	1.0			NR				
Nickel	ND	1.0			NR				
Selenium	ND	1.0			NR				
Silver	ND	1.0			NR				
Thallium	ND	1.0			NR				
Vanadium	ND	1.0			NR				
Zinc	ND	1.0			NR				
LCS (B2A0008-BS1)					Prepared: 1/3/2012 Analyzed: 1/3/2012				
Antimony	45	2.0	50.0		90.3	80 - 120			
Arsenic	44	1.0	50.0		87.8	80 - 120			
Barium	48	1.0	50.0		96.9	80 - 120			
Beryllium	46	1.0	50.0		92.8	80 - 120			
Cadmium	46	1.0	50.0		92.7	80 - 120			
Chromium	47	1.0	50.0		93.3	80 - 120			
Cobalt	45	1.0	50.0		90.4	80 - 120			
Copper	47	2.0	50.0		94.6	80 - 120			
Lead	47	1.0	50.0		93.1	80 - 120			
Molybdenum	48	1.0	50.0		95.6	80 - 120			
Nickel	45	1.0	50.0		90.2	80 - 120			
Selenium	43	1.0	50.0		86.0	80 - 120			
Silver	43	1.0	50.0		86.6	80 - 120			
Thallium	47	1.0	50.0		93.4	80 - 120			
Vanadium	48	1.0	50.0		95.1	80 - 120			
Zinc	46	1.0	50.0		92.7	80 - 120			
Duplicate (B2A0008-DUP1)		**Source: 1100837-10**			Prepared: 1/3/2012 Analyzed: 1/3/2012				
Antimony	ND	2.0		ND	NR			20	
Arsenic	0.10	1.0		ND	NR			20	
Barium	36	1.0		40	NR		10.3	20	
Beryllium	ND	1.0		ND	NR			20	
Cadmium	ND	1.0		ND	NR			20	
Chromium	12	1.0		14	NR		16.4	20	

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Total Metals by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0008 - EPA 3050B (continued)									
Duplicate (B2A0008-DUP1) - Continued		**Source: 1100837-10**			Prepared: 1/3/2012 Analyzed: 1/3/2012				
Cobalt	14	1.0		15	NR		6.26	20	
Copper	32	2.0		34	NR		4.95	20	
Lead	ND	1.0		ND	NR			20	
Molybdenum	ND	1.0		ND	NR			20	
Nickel	12	1.0		14	NR		16.7	20	
Selenium	ND	1.0		ND	NR			20	
Silver	0.20	1.0		0.20	NR		4.28	20	
Thallium	ND	1.0		ND	NR			20	
Vanadium	84	1.0		100	NR		18.9	20	
Zinc	37	1.0		42	NR		14.5	20	
Matrix Spike (B2A0008-MS1)		**Source: 1100837-10**			Prepared: 1/3/2012 Analyzed: 1/3/2012				
Antimony	74	2.0	125	ND	59.3	44 - 105			
Arsenic	87	1.0	125	ND	69.8	57 - 103			
Barium	130	1.0	125	40	75.6	36 - 134			
Beryllium	87	1.0	125	ND	69.4	64 - 106			
Cadmium	81	1.0	125	ND	64.9	58 - 102			
Chromium	100	1.0	125	14	71.0	55 - 105			
Cobalt	100	1.0	125	15	68.2	59 - 105			
Copper	140	2.0	125	34	81.9	64 - 117			
Lead	82	1.0	125	ND	65.4	46 - 116			
Molybdenum	84	1.0	125	ND	67.0	59 - 108			
Nickel	100	1.0	125	14	71.0	52 - 109			
Selenium	83	1.0	125	ND	66.4	56 - 100			
Silver	97	1.0	125	0.20	77.1	65 - 107			
Thallium	78	1.0	125	ND	62.5	47 - 100			
Vanadium	200	1.0	125	100	79.2	64 - 110			
Zinc	120	1.0	125	42	63.4	37 - 123			
Matrix Spike Dup (B2A0008-MSD1)		**Source: 1100837-10**			Prepared: 1/3/2012 Analyzed: 1/3/2012				
Antimony	73	2.0	125	ND	58.5	44 - 105	1.44	20	
Arsenic	86	1.0	125	ND	69.0	57 - 103	1.17	20	
Barium	140	1.0	125	40	77.9	36 - 134	2.15	20	
Beryllium	86	1.0	125	ND	68.5	64 - 106	1.35	20	
Cadmium	79	1.0	125	ND	63.5	58 - 102	2.22	20	
Chromium	100	1.0	125	14	70.1	55 - 105	1.11	20	
Cobalt	99	1.0	125	15	67.0	59 - 105	1.52	20	
Copper	130	2.0	125	34	80.2	64 - 117	1.51	20	
Lead	83	1.0	125	ND	66.6	46 - 116	1.78	20	
Molybdenum	83	1.0	125	ND	66.8	59 - 108	0.419	20	
Nickel	100	1.0	125	14	71.2	52 - 109	0.205	20	
Selenium	81	1.0	125	ND	65.1	56 - 100	1.99	20	
Silver	96	1.0	125	0.20	76.3	65 - 107	1.04	20	

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Total Metals by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0008 - EPA 3050B (continued)									
Matrix Spike Dup (B2A0008-MSD1) - Continued		**Source: 1100837-10**			Prepared: 1/3/2012 Analyzed: 1/3/2012				
Thallium	75	1.0	125	ND	60.4	47 - 100	3.38	20	
Vanadium	200	1.0	125	100	77.7	64 - 110	0.957	20	
Zinc	120	1.0	125	42	64.0	37 - 123	0.599	20	
Batch B2A0009 - EPA 3050B									
Blank (B2A0009-BLK1)					Prepared: 1/3/2012 Analyzed: 1/3/2012				
Antimony	ND	2.0			NR				
Arsenic	ND	1.0			NR				
Barium	ND	1.0			NR				
Beryllium	ND	1.0			NR				
Cadmium	ND	1.0			NR				
Chromium	ND	1.0			NR				
Cobalt	ND	1.0			NR				
Copper	ND	2.0			NR				
Lead	ND	1.0			NR				
Molybdenum	ND	1.0			NR				
Nickel	ND	1.0			NR				
Selenium	ND	1.0			NR				
Silver	ND	1.0			NR				
Thallium	ND	1.0			NR				
Vanadium	ND	1.0			NR				
Zinc	ND	1.0			NR				
LCS (B2A0009-BS1)					Prepared: 1/3/2012 Analyzed: 1/3/2012				
Antimony	45	2.0	50.0		91.0	80 - 120			
Arsenic	44	1.0	50.0		88.7	80 - 120			
Barium	48	1.0	50.0		96.8	80 - 120			
Beryllium	47	1.0	50.0		94.9	80 - 120			
Cadmium	46	1.0	50.0		92.0	80 - 120			
Chromium	47	1.0	50.0		93.8	80 - 120			
Cobalt	45	1.0	50.0		91.0	80 - 120			
Copper	48	2.0	50.0		96.2	80 - 120			
Lead	47	1.0	50.0		93.8	80 - 120			
Molybdenum	48	1.0	50.0		96.8	80 - 120			
Nickel	45	1.0	50.0		90.6	80 - 120			
Selenium	43	1.0	50.0		85.9	80 - 120			
Silver	44	1.0	50.0		88.9	80 - 120			
Thallium	47	1.0	50.0		93.9	80 - 120			
Vanadium	48	1.0	50.0		96.2	80 - 120			
Zinc	46	1.0	50.0		92.3	80 - 120			
Duplicate (B2A0009-DUP1)		**Source: 1100837-20**			Prepared: 1/3/2012 Analyzed: 1/3/2012				
Antimony	ND	2.0		ND	NR			20	

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Total Metals by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0009 - EPA 3050B (continued)									
Duplicate (B2A0009-DUP1) - Continued		**Source: 1100837-20**			Prepared: 1/3/2012 Analyzed: 1/3/2012				
Arsenic	1.6	1.0		2.3	NR		39.1	20	R
Barium	37	1.0		47	NR		23.2	20	R
Beryllium	ND	1.0		ND	NR			20	
Cadmium	ND	1.0		ND	NR			20	
Chromium	19	1.0		21	NR		10.4	20	
Cobalt	10	1.0		12	NR		15.7	20	
Copper	15	2.0		18	NR		17.4	20	
Lead	1.0	1.0		1.4	NR		29.3	20	R
Molybdenum	ND	1.0		ND	NR			20	
Nickel	26	1.0		26	NR		1.59	20	
Selenium	ND	1.0		ND	NR			20	
Silver	0.07	1.0		0.09	NR		33.0	20	R
Thallium	ND	1.0		ND	NR			20	
Vanadium	55	1.0		56	NR		2.79	20	
Zinc	26	1.0		30	NR		13.9	20	
Matrix Spike (B2A0009-MS1)		**Source: 1100837-20**			Prepared: 1/3/2012 Analyzed: 1/3/2012				
Antimony	82	2.0	125	ND	66.0	44 - 105			
Arsenic	95	1.0	125	2.3	74.1	57 - 103			
Barium	140	1.0	125	47	74.3	36 - 134			
Beryllium	96	1.0	125	ND	76.9	64 - 106			
Cadmium	92	1.0	125	ND	73.3	58 - 102			
Chromium	120	1.0	125	21	77.7	55 - 105			
Cobalt	100	1.0	125	12	73.2	59 - 105			
Copper	120	2.0	125	18	82.1	64 - 117			
Lead	94	1.0	125	1.4	74.4	46 - 116			
Molybdenum	93	1.0	125	ND	74.2	59 - 108			
Nickel	120	1.0	125	26	73.3	52 - 109			
Selenium	91	1.0	125	ND	73.0	56 - 100			
Silver	100	1.0	125	0.09	79.8	65 - 107			
Thallium	91	1.0	125	ND	72.9	47 - 100			
Vanadium	160	1.0	125	56	79.2	64 - 110			
Zinc	120	1.0	125	30	71.6	37 - 123			
Matrix Spike Dup (B2A0009-MSD1)		**Source: 1100837-20**			Prepared: 1/3/2012 Analyzed: 1/3/2012				
Antimony	79	2.0	125	ND	63.1	44 - 105	4.51	20	
Arsenic	92	1.0	125	2.3	71.5	57 - 103	3.56	20	
Barium	140	1.0	125	47	73.0	36 - 134	1.17	20	
Beryllium	94	1.0	125	ND	75.2	64 - 106	2.23	20	
Cadmium	91	1.0	125	ND	72.7	58 - 102	0.881	20	
Chromium	120	1.0	125	21	75.8	55 - 105	2.08	20	
Cobalt	100	1.0	125	12	71.8	59 - 105	1.75	20	
Copper	120	2.0	125	18	79.1	64 - 117	3.14	20	

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Total Metals by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0009 - EPA 3050B (continued)									
Matrix Spike Dup (B2A0009-MSD1) - Continued		**Source: 1100837-20**			Prepared: 1/3/2012 Analyzed: 1/3/2012				
Lead	92	1.0	125	1.4	72.3	46 - 116	2.75	20	
Molybdenum	90	1.0	125	ND	72.3	59 - 108	2.69	20	
Nickel	120	1.0	125	26	71.5	52 - 109	1.96	20	
Selenium	88	1.0	125	ND	70.6	56 - 100	3.42	20	
Silver	98	1.0	125	0.09	78.4	65 - 107	1.76	20	
Thallium	88	1.0	125	ND	70.5	47 - 100	3.29	20	
Vanadium	150	1.0	125	56	74.4	64 - 110	3.95	20	
Zinc	120	1.0	125	30	69.3	37 - 123	2.35	20	
Batch B2A0010 - EPA 3050B									
Blank (B2A0010-BLK1)					Prepared: 1/3/2012 Analyzed: 1/3/2012				
Antimony	ND	2.0			NR				
Arsenic	ND	1.0			NR				
Barium	ND	1.0			NR				
Beryllium	ND	1.0			NR				
Cadmium	ND	1.0			NR				
Chromium	ND	1.0			NR				
Cobalt	ND	1.0			NR				
Copper	ND	2.0			NR				
Lead	ND	1.0			NR				
Molybdenum	ND	1.0			NR				
Nickel	ND	1.0			NR				
Selenium	ND	1.0			NR				
Silver	ND	1.0			NR				
Thallium	ND	1.0			NR				
Vanadium	ND	1.0			NR				
Zinc	ND	1.0			NR				
LCS (B2A0010-BS1)					Prepared: 1/3/2012 Analyzed: 1/3/2012				
Antimony	44	2.0	50.0		87.3	80 - 120			
Arsenic	42	1.0	50.0		85.0	80 - 120			
Barium	48	1.0	50.0		95.2	80 - 120			
Beryllium	46	1.0	50.0		91.2	80 - 120			
Cadmium	45	1.0	50.0		90.5	80 - 120			
Chromium	45	1.0	50.0		90.7	80 - 120			
Cobalt	44	1.0	50.0		88.2	80 - 120			
Copper	46	2.0	50.0		92.9	80 - 120			
Lead	45	1.0	50.0		89.5	80 - 120			
Molybdenum	46	1.0	50.0		92.5	80 - 120			
Nickel	44	1.0	50.0		87.6	80 - 120			
Selenium	41	1.0	50.0		82.4	80 - 120			
Silver	46	1.0	50.0		91.8	80 - 120			
Thallium	44	1.0	50.0		89.0	80 - 120			

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Total Metals by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0010 - EPA 3050B (continued)									
LCS (B2A0010-BS1) - Continued					Prepared: 1/3/2012 Analyzed: 1/3/2012				
Vanadium	46	1.0	50.0		92.9	80 - 120			
Zinc	45	1.0	50.0		90.3	80 - 120			
Duplicate (B2A0010-DUP1)		**Source: 1100837-30**			Prepared: 1/3/2012 Analyzed: 1/3/2012				
Antimony	ND	2.0		ND	NR			20	
Arsenic	1.6	1.0		1.2	NR		26.8	20	R
Barium	43	1.0		43	NR		0.534	20	
Beryllium	ND	1.0		ND	NR			20	
Cadmium	ND	1.0		ND	NR			20	
Chromium	21	1.0		23	NR		9.28	20	
Cobalt	11	1.0		11	NR		3.01	20	
Copper	19	2.0		18	NR		3.79	20	
Lead	8.5	1.0		8.7	NR		2.42	20	
Molybdenum	ND	1.0		ND	NR			20	
Nickel	26	1.0		28	NR		9.08	20	
Selenium	ND	1.0		ND	NR			20	
Silver	0.07	1.0		0.07	NR		1.91	20	
Thallium	ND	1.0		ND	NR			20	
Vanadium	63	1.0		62	NR		1.49	20	
Zinc	33	1.0		32	NR		3.18	20	
Matrix Spike (B2A0010-MS1)		**Source: 1100837-30**			Prepared: 1/3/2012 Analyzed: 1/3/2012				
Antimony	83	2.0	125	ND	66.3	44 - 105			
Arsenic	96	1.0	125	1.2	75.8	57 - 103			
Barium	150	1.0	125	43	81.8	36 - 134			
Beryllium	99	1.0	125	ND	78.9	64 - 106			
Cadmium	95	1.0	125	ND	75.8	58 - 102			
Chromium	120	1.0	125	23	79.2	55 - 105			
Cobalt	110	1.0	125	11	75.7	59 - 105			
Copper	120	2.0	125	18	84.6	64 - 117			
Lead	110	1.0	125	8.7	79.1	46 - 116			
Molybdenum	94	1.0	125	ND	75.5	59 - 108			
Nickel	120	1.0	125	28	74.3	52 - 109			
Selenium	92	1.0	125	ND	73.4	56 - 100			
Silver	100	1.0	125	0.07	82.0	65 - 107			
Thallium	92	1.0	125	ND	73.4	47 - 100			
Vanadium	160	1.0	125	62	78.4	64 - 110			
Zinc	120	1.0	125	32	73.5	37 - 123			
Matrix Spike Dup (B2A0010-MSD1)		**Source: 1100837-30**			Prepared: 1/3/2012 Analyzed: 1/3/2012				
Antimony	73	2.0	125	ND	58.0	44 - 105	13.3	20	
Arsenic	86	1.0	125	1.2	67.8	57 - 103	11.0	20	
Barium	140	1.0	125	43	76.6	36 - 134	4.56	20	
Beryllium	91	1.0	125	ND	72.7	64 - 106	8.17	20	

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Total Metals by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0010 - EPA 3050B (continued)									
Matrix Spike Dup (B2A0010-MSD1) - Continued		**Source: 1100837-30**			Prepared: 1/3/2012 Analyzed: 1/3/2012				
Cadmium	86	1.0	125	ND	68.9	58 - 102	9.54	20	
Chromium	110	1.0	125	23	70.1	55 - 105	9.82	20	
Cobalt	98	1.0	125	11	69.6	59 - 105	7.57	20	
Copper	120	2.0	125	18	77.8	64 - 117	7.10	20	
Lead	91	1.0	125	8.7	65.7	46 - 116	16.9	20	
Molybdenum	84	1.0	125	ND	67.0	59 - 108	12.0	20	
Nickel	110	1.0	125	28	65.2	52 - 109	9.86	20	
Selenium	82	1.0	125	ND	65.7	56 - 100	10.9	20	
Silver	93	1.0	125	0.07	74.3	65 - 107	9.77	20	
Thallium	82	1.0	125	ND	65.7	47 - 100	11.1	20	
Vanadium	160	1.0	125	62	75.4	64 - 110	2.36	20	
Zinc	120	1.0	125	32	72.3	37 - 123	1.16	20	
Batch B2A0011 - EPA 3050B									
Blank (B2A0011-BLK1)					Prepared: 1/3/2012 Analyzed: 1/3/2012				
Antimony	ND	2.0			NR				
Arsenic	ND	1.0			NR				
Barium	ND	1.0			NR				
Beryllium	ND	1.0			NR				
Cadmium	ND	1.0			NR				
Chromium	ND	1.0			NR				
Cobalt	ND	1.0			NR				
Copper	ND	2.0			NR				
Lead	ND	1.0			NR				
Molybdenum	ND	1.0			NR				
Nickel	ND	1.0			NR				
Selenium	ND	1.0			NR				
Silver	ND	1.0			NR				
Thallium	ND	1.0			NR				
Vanadium	ND	1.0			NR				
Zinc	ND	1.0			NR				
LCS (B2A0011-BS1)					Prepared: 1/3/2012 Analyzed: 1/3/2012				
Antimony	45	2.0	50.0		89.5	80 - 120			
Arsenic	44	1.0	50.0		87.8	80 - 120			
Barium	48	1.0	50.0		96.7	80 - 120			
Beryllium	47	1.0	50.0		93.9	80 - 120			
Cadmium	46	1.0	50.0		91.8	80 - 120			
Chromium	45	1.0	50.0		90.2	80 - 120			
Cobalt	44	1.0	50.0		88.2	80 - 120			
Copper	47	2.0	50.0		93.0	80 - 120			
Lead	46	1.0	50.0		92.0	80 - 120			
Molybdenum	47	1.0	50.0		94.9	80 - 120			

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Total Metals by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0011 - EPA 3050B (continued)									
LCS (B2A0011-BS1) - Continued					Prepared: 1/3/2012 Analyzed: 1/3/2012				
Nickel	44	1.0	50.0		87.2	80 - 120			
Selenium	43	1.0	50.0		85.2	80 - 120			
Silver	42	1.0	50.0		85.0	80 - 120			
Thallium	45	1.0	50.0		90.6	80 - 120			
Vanadium	46	1.0	50.0		92.7	80 - 120			
Zinc	46	1.0	50.0		91.2	80 - 120			
Duplicate (B2A0011-DUP1)		**Source: 1100837-40**			Prepared: 1/3/2012 Analyzed: 1/3/2012				
Antimony	ND	2.0		ND	NR			20	
Arsenic	ND	1.0		0.09	NR			20	
Barium	27	1.0		27	NR		0.938	20	
Beryllium	ND	1.0		ND	NR			20	
Cadmium	ND	1.0		ND	NR			20	
Chromium	9.8	1.0		11	NR		11.2	20	
Cobalt	15	1.0		18	NR		17.4	20	
Copper	31	2.0		38	NR		19.8	20	
Lead	8.1	1.0		6.3	NR		25.0	20	R
Molybdenum	ND	1.0		ND	NR			20	
Nickel	12	1.0		13	NR		12.2	20	
Selenium	ND	1.0		ND	NR			20	
Silver	0.08	1.0		0.15	NR		55.9	20	R
Thallium	ND	1.0		ND	NR			20	
Vanadium	110	1.0		130	NR		17.0	20	
Zinc	43	1.0		52	NR		17.8	20	
Matrix Spike (B2A0011-MS1)		**Source: 1100837-40**			Prepared: 1/3/2012 Analyzed: 1/3/2012				
Antimony	64	2.0	125	ND	51.4	44 - 105			
Arsenic	81	1.0	125	0.09	65.0	57 - 103			
Barium	120	1.0	125	27	71.7	36 - 134			
Beryllium	82	1.0	125	ND	65.4	64 - 106			
Cadmium	77	1.0	125	ND	61.7	58 - 102			
Chromium	94	1.0	125	11	66.5	55 - 105			
Cobalt	94	1.0	125	18	61.3	59 - 105			
Copper	130	2.0	125	38	75.3	64 - 117			
Lead	90	1.0	125	6.3	67.2	46 - 116			
Molybdenum	78	1.0	125	ND	62.2	59 - 108			
Nickel	96	1.0	125	13	66.1	52 - 109			
Selenium	76	1.0	125	ND	60.8	56 - 100			
Silver	89	1.0	125	0.15	71.1	65 - 107			
Thallium	71	1.0	125	ND	57.0	47 - 100			
Vanadium	210	1.0	125	130	66.7	64 - 110			
Zinc	130	1.0	125	52	58.6	37 - 123			
Matrix Spike Dup (B2A0011-MSD1)		**Source: 1100837-40**			Prepared: 1/3/2012 Analyzed: 1/3/2012				

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Total Metals by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0011 - EPA 3050B (continued)									
Matrix Spike Dup (B2A0011-MSD1) - Continued		**Source: 1100837-40**			Prepared: 1/3/2012 Analyzed: 1/3/2012				
Antimony	70	2.0	125	ND	56.3	44 - 105	9.14	20	
Arsenic	83	1.0	125	0.09	66.6	57 - 103	2.39	20	
Barium	110	1.0	125	27	66.5	36 - 134	5.81	20	
Beryllium	83	1.0	125	ND	66.3	64 - 106	1.43	20	
Cadmium	80	1.0	125	ND	64.0	58 - 102	3.66	20	
Chromium	94	1.0	125	11	66.4	55 - 105	0.232	20	
Cobalt	95	1.0	125	18	61.5	59 - 105	0.264	20	
Copper	130	2.0	125	38	72.3	64 - 117	2.84	20	
Lead	87	1.0	125	6.3	64.4	46 - 116	3.94	20	
Molybdenum	81	1.0	125	ND	64.6	59 - 108	3.80	20	
Nickel	95	1.0	125	13	65.5	52 - 109	0.829	20	
Selenium	78	1.0	125	ND	62.8	56 - 100	3.17	20	
Silver	91	1.0	125	0.15	72.7	65 - 107	2.24	20	
Thallium	75	1.0	125	ND	60.1	47 - 100	5.20	20	
Vanadium	200	1.0	125	130	62.4	64 - 110	2.61	20	M1, R
Zinc	130	1.0	125	52	59.3	37 - 123	0.696	20	
Batch B2A0012 - EPA 3050B									
Blank (B2A0012-BLK1)					Prepared: 1/3/2012 Analyzed: 1/3/2012				
Antimony	ND	2.0			NR				
Arsenic	ND	1.0			NR				
Barium	ND	1.0			NR				
Beryllium	ND	1.0			NR				
Cadmium	ND	1.0			NR				
Chromium	ND	1.0			NR				
Cobalt	ND	1.0			NR				
Copper	ND	2.0			NR				
Lead	ND	1.0			NR				
Molybdenum	ND	1.0			NR				
Nickel	ND	1.0			NR				
Selenium	ND	1.0			NR				
Silver	ND	1.0			NR				
Thallium	ND	1.0			NR				
Vanadium	ND	1.0			NR				
Zinc	ND	1.0			NR				
LCS (B2A0012-BS1)					Prepared: 1/3/2012 Analyzed: 1/3/2012				
Antimony	46	2.0	50.0		91.7	80 - 120			
Arsenic	45	1.0	50.0		89.9	80 - 120			
Barium	50	1.0	50.0		100	80 - 120			
Beryllium	48	1.0	50.0		95.2	80 - 120			
Cadmium	48	1.0	50.0		95.3	80 - 120			
Chromium	47	1.0	50.0		94.1	80 - 120			

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Total Metals by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0012 - EPA 3050B (continued)									
LCS (B2A0012-BS1) - Continued					Prepared: 1/3/2012 Analyzed: 1/3/2012				
Cobalt	46	1.0	50.0		91.5	80 - 120			
Copper	48	2.0	50.0		96.7	80 - 120			
Lead	47	1.0	50.0		94.2	80 - 120			
Molybdenum	49	1.0	50.0		97.2	80 - 120			
Nickel	46	1.0	50.0		91.0	80 - 120			
Selenium	43	1.0	50.0		86.6	80 - 120			
Silver	44	1.0	50.0		88.5	80 - 120			
Thallium	46	1.0	50.0		92.9	80 - 120			
Vanadium	48	1.0	50.0		96.6	80 - 120			
Zinc	48	1.0	50.0		95.0	80 - 120			
Duplicate (B2A0012-DUP1)		**Source: 1100837-50**			Prepared: 1/3/2012 Analyzed: 1/3/2012				
Antimony	ND	2.0		ND	NR			20	
Arsenic	4.9	1.0		7.2	NR		37.0	20	R
Barium	230	1.0		250	NR		11.0	20	
Beryllium	0.39	1.0		0.37	NR		5.16	20	
Cadmium	ND	1.0		ND	NR			20	
Chromium	32	1.0		31	NR		3.48	20	
Cobalt	18	1.0		19	NR		7.25	20	
Copper	51	2.0		46	NR		10.4	20	
Lead	11	1.0		11	NR		2.20	20	
Molybdenum	ND	1.0		ND	NR			20	
Nickel	51	1.0		52	NR		2.24	20	
Selenium	ND	1.0		ND	NR			20	
Silver	0.21	1.0		0.25	NR		17.8	20	
Thallium	ND	1.0		ND	NR			20	
Vanadium	32	1.0		30	NR		6.20	20	
Zinc	73	1.0		71	NR		2.51	20	
Matrix Spike (B2A0012-MS1)		**Source: 1100837-50**			Prepared: 1/3/2012 Analyzed: 1/3/2012				
Antimony	95	2.0	125	ND	75.9	44 - 105			
Arsenic	110	1.0	125	7.2	84.6	57 - 103			
Barium	340	1.0	125	250	72.5	36 - 134			
Beryllium	110	1.0	125	0.37	87.0	64 - 106			
Cadmium	110	1.0	125	ND	84.4	58 - 102			
Chromium	140	1.0	125	31	87.9	55 - 105			
Cobalt	120	1.0	125	19	82.5	59 - 105			
Copper	170	2.0	125	46	95.6	64 - 117			
Lead	120	1.0	125	11	85.9	46 - 116			
Molybdenum	110	1.0	125	ND	86.4	59 - 108			
Nickel	150	1.0	125	52	79.1	52 - 109			
Selenium	110	1.0	125	ND	84.1	56 - 100			
Silver	110	1.0	125	0.25	87.9	65 - 107			

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Total Metals by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0012 - EPA 3050B (continued)									
Matrix Spike (B2A0012-MS1) - Continued		**Source: 1100837-50**			Prepared: 1/3/2012 Analyzed: 1/3/2012				
Thallium	100	1.0	125	ND	82.5	47 - 100			
Vanadium	140	1.0	125	30	88.0	64 - 110			
Zinc	180	1.0	125	71	85.5	37 - 123			
Matrix Spike Dup (B2A0012-MSD1)		**Source: 1100837-50**			Prepared: 1/3/2012 Analyzed: 1/3/2012				
Antimony	90	2.0	125	ND	71.9	44 - 105	5.40	20	
Arsenic	100	1.0	125	7.2	77.1	57 - 103	8.62	20	
Barium	320	1.0	125	250	55.5	36 - 134	6.40	20	
Beryllium	100	1.0	125	0.37	82.7	64 - 106	5.10	20	
Cadmium	100	1.0	125	ND	80.0	58 - 102	5.31	20	
Chromium	130	1.0	125	31	82.9	55 - 105	4.53	20	
Cobalt	110	1.0	125	19	76.3	59 - 105	6.60	20	
Copper	160	2.0	125	46	89.7	64 - 117	4.57	20	
Lead	110	1.0	125	11	79.6	46 - 116	6.89	20	
Molybdenum	100	1.0	125	ND	81.1	59 - 108	6.25	20	
Nickel	140	1.0	125	52	71.3	52 - 109	6.64	20	
Selenium	97	1.0	125	ND	77.9	56 - 100	7.62	20	
Silver	100	1.0	125	0.25	83.3	65 - 107	5.34	20	
Thallium	97	1.0	125	ND	77.6	47 - 100	6.21	20	
Vanadium	130	1.0	125	30	82.8	64 - 110	4.74	20	
Zinc	170	1.0	125	71	77.7	37 - 123	5.60	20	
Batch B2A0013 - EPA 3050B									
Blank (B2A0013-BLK1)					Prepared: 1/3/2012 Analyzed: 1/3/2012				
Antimony	ND	2.0			NR				
Arsenic	ND	1.0			NR				
Barium	ND	1.0			NR				
Beryllium	ND	1.0			NR				
Cadmium	ND	1.0			NR				
Chromium	ND	1.0			NR				
Cobalt	ND	1.0			NR				
Copper	ND	2.0			NR				
Lead	ND	1.0			NR				
Molybdenum	ND	1.0			NR				
Nickel	ND	1.0			NR				
Selenium	ND	1.0			NR				
Silver	ND	1.0			NR				
Thallium	ND	1.0			NR				
Vanadium	ND	1.0			NR				
Zinc	ND	1.0			NR				
LCS (B2A0013-BS1)					Prepared: 1/3/2012 Analyzed: 1/3/2012				
Antimony	44	2.0	50.0		88.3	80 - 120			

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Total Metals by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0013 - EPA 3050B (continued)									
LCS (B2A0013-BS1) - Continued					Prepared: 1/3/2012 Analyzed: 1/3/2012				
Arsenic	43	1.0	50.0		86.7	80 - 120			
Barium	48	1.0	50.0		95.5	80 - 120			
Beryllium	46	1.0	50.0		91.4	80 - 120			
Cadmium	45	1.0	50.0		90.7	80 - 120			
Chromium	45	1.0	50.0		89.9	80 - 120			
Cobalt	44	1.0	50.0		87.6	80 - 120			
Copper	46	2.0	50.0		92.4	80 - 120			
Lead	46	1.0	50.0		91.1	80 - 120			
Molybdenum	47	1.0	50.0		93.8	80 - 120			
Nickel	44	1.0	50.0		87.1	80 - 120			
Selenium	42	1.0	50.0		84.0	80 - 120			
Silver	45	1.0	50.0		90.3	80 - 120			
Thallium	45	1.0	50.0		89.5	80 - 120			
Vanadium	46	1.0	50.0		92.2	80 - 120			
Zinc	45	1.0	50.0		90.1	80 - 120			
Duplicate (B2A0013-DUP1)		**Source: 1100837-60**			Prepared: 1/3/2012 Analyzed: 1/3/2012				
Antimony	ND	2.0		ND	NR			20	
Arsenic	6.5	1.0		9.4	NR		36.8	20	R
Barium	190	1.0		200	NR		3.12	20	
Beryllium	0.32	1.0		0.39	NR		19.4	20	
Cadmium	ND	1.0		ND	NR			20	
Chromium	28	1.0		37	NR		29.8	20	R
Cobalt	14	1.0		15	NR		10.8	20	
Copper	41	2.0		47	NR		12.1	20	
Lead	7.0	1.0		7.1	NR		2.17	20	
Molybdenum	ND	1.0		ND	NR			20	
Nickel	40	1.0		44	NR		10.8	20	
Selenium	ND	1.0		ND	NR			20	
Silver	0.13	1.0		0.16	NR		20.0	20	
Thallium	ND	1.0		ND	NR			20	
Vanadium	29	1.0		34	NR		16.6	20	
Zinc	63	1.0		76	NR		18.5	20	
Matrix Spike (B2A0013-MS1)		**Source: 1100837-60**			Prepared: 1/3/2012 Analyzed: 1/3/2012				
Antimony	91	2.0	125	ND	72.5	44 - 105			
Arsenic	100	1.0	125	9.4	76.1	57 - 103			
Barium	260	1.0	125	200	49.4	36 - 134			
Beryllium	100	1.0	125	0.39	81.9	64 - 106			
Cadmium	100	1.0	125	ND	80.3	58 - 102			
Chromium	130	1.0	125	37	73.8	55 - 105			
Cobalt	110	1.0	125	15	77.1	59 - 105			
Copper	150	2.0	125	47	80.9	64 - 117			

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Total Metals by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0013 - EPA 3050B (continued)									
Matrix Spike (B2A0013-MS1) - Continued		**Source: 1100837-60**			Prepared: 1/3/2012 Analyzed: 1/3/2012				
Lead	110	1.0	125	7.1	80.2	46 - 116			
Molybdenum	100	1.0	125	ND	81.4	59 - 108			
Nickel	130	1.0	125	44	70.6	52 - 109			
Selenium	97	1.0	125	ND	77.7	56 - 100			
Silver	100	1.0	125	0.16	83.8	65 - 107			
Thallium	97	1.0	125	ND	77.9	47 - 100			
Vanadium	130	1.0	125	34	78.2	64 - 110			
Zinc	160	1.0	125	76	64.7	37 - 123			
Matrix Spike Dup (B2A0013-MSD1)		**Source: 1100837-60**			Prepared: 1/3/2012 Analyzed: 1/3/2012				
Antimony	87	2.0	125	ND	69.4	44 - 105	4.38	20	
Arsenic	110	1.0	125	9.4	77.8	57 - 103	2.06	20	
Barium	450	1.0	125	200	199	36 - 134	52.7	20	R
Beryllium	100	1.0	125	0.39	82.5	64 - 106	0.744	20	
Cadmium	99	1.0	125	ND	79.2	58 - 102	1.39	20	
Chromium	140	1.0	125	37	79.7	55 - 105	5.59	20	
Cobalt	120	1.0	125	15	80.0	59 - 105	3.15	20	
Copper	160	2.0	125	47	93.4	64 - 117	10.1	20	
Lead	110	1.0	125	7.1	82.5	46 - 116	2.66	20	
Molybdenum	100	1.0	125	ND	80.5	59 - 108	1.15	20	
Nickel	150	1.0	125	44	81.3	52 - 109	9.61	20	
Selenium	98	1.0	125	ND	78.1	56 - 100	0.528	20	
Silver	100	1.0	125	0.16	83.7	65 - 107	0.0778	20	
Thallium	96	1.0	125	ND	76.8	47 - 100	1.41	20	
Vanadium	140	1.0	125	34	83.5	64 - 110	4.98	20	
Zinc	180	1.0	125	76	79.6	37 - 123	11.2	20	
Batch B2A0014 - EPA 3050B									
Blank (B2A0014-BLK1)					Prepared: 1/3/2012 Analyzed: 1/3/2012				
Antimony	ND	2.0			NR				
Arsenic	ND	1.0			NR				
Barium	ND	1.0			NR				
Beryllium	ND	1.0			NR				
Cadmium	ND	1.0			NR				
Chromium	ND	1.0			NR				
Cobalt	ND	1.0			NR				
Copper	ND	2.0			NR				
Lead	ND	1.0			NR				
Molybdenum	ND	1.0			NR				
Nickel	ND	1.0			NR				
Selenium	ND	1.0			NR				
Silver	ND	1.0			NR				
Thallium	ND	1.0			NR				

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Total Metals by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0014 - EPA 3050B (continued)									
Blank (B2A0014-BLK1) - Continued					Prepared: 1/3/2012 Analyzed: 1/3/2012				
Vanadium	ND	1.0			NR				
Zinc	ND	1.0			NR				
LCS (B2A0014-BS1)					Prepared: 1/3/2012 Analyzed: 1/3/2012				
Antimony	47	2.0	50.0		93.3	80 - 120			
Arsenic	46	1.0	50.0		91.9	80 - 120			
Barium	51	1.0	50.0		102	80 - 120			
Beryllium	49	1.0	50.0		98.2	80 - 120			
Cadmium	49	1.0	50.0		98.0	80 - 120			
Chromium	48	1.0	50.0		95.9	80 - 120			
Cobalt	47	1.0	50.0		93.7	80 - 120			
Copper	49	2.0	50.0		98.1	80 - 120			
Lead	48	1.0	50.0		96.3	80 - 120			
Molybdenum	50	1.0	50.0		99.1	80 - 120			
Nickel	47	1.0	50.0		93.0	80 - 120			
Selenium	44	1.0	50.0		89.0	80 - 120			
Silver	45	1.0	50.0		89.9	80 - 120			
Thallium	47	1.0	50.0		94.4	80 - 120			
Vanadium	49	1.0	50.0		98.2	80 - 120			
Zinc	49	1.0	50.0		97.3	80 - 120			
Duplicate (B2A0014-DUP1)		**Source: 1100837-70**			Prepared: 1/3/2012 Analyzed: 1/3/2012				
Antimony	ND	2.0		ND	NR			20	
Arsenic	7.8	1.0		8.0	NR		2.29	20	
Barium	140	1.0		220	NR		48.5	20	R
Beryllium	0.41	1.0		0.49	NR		18.2	20	
Cadmium	ND	1.0		ND	NR			20	
Chromium	37	1.0		44	NR		17.3	20	
Cobalt	16	1.0		19	NR		20.8	20	R
Copper	55	2.0		59	NR		8.39	20	
Lead	5.3	1.0		7.5	NR		35.7	20	R
Molybdenum	ND	1.0		ND	NR			20	
Nickel	54	1.0		57	NR		5.61	20	
Selenium	ND	1.0		ND	NR			20	
Silver	0.19	1.0		0.16	NR		13.9	20	
Thallium	ND	1.0		ND	NR			20	
Vanadium	39	1.0		44	NR		13.7	20	
Zinc	77	1.0		88	NR		13.2	20	
Matrix Spike (B2A0014-MS1)		**Source: 1100837-70**			Prepared: 1/3/2012 Analyzed: 1/3/2012				
Antimony	94	2.0	125	ND	75.2	44 - 105			
Arsenic	110	1.0	125	8.0	85.6	57 - 103			
Barium	520	1.0	125	220	237	36 - 134			R
Beryllium	110	1.0	125	0.49	85.5	64 - 106			

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Total Metals by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0014 - EPA 3050B (continued)									
Matrix Spike (B2A0014-MS1) - Continued		**Source: 1100837-70**			Prepared: 1/3/2012 Analyzed: 1/3/2012				
Cadmium	100	1.0	125	ND	82.5	58 - 102			
Chromium	150	1.0	125	44	87.5	55 - 105			
Cobalt	120	1.0	125	19	81.1	59 - 105			
Copper	180	2.0	125	59	96.5	64 - 117			
Lead	110	1.0	125	7.5	84.9	46 - 116			
Molybdenum	110	1.0	125	ND	84.9	59 - 108			
Nickel	160	1.0	125	57	84.0	52 - 109			
Selenium	100	1.0	125	ND	81.4	56 - 100			
Silver	110	1.0	125	0.16	88.8	65 - 107			
Thallium	100	1.0	125	ND	80.3	47 - 100			
Vanadium	150	1.0	125	44	88.1	64 - 110			
Zinc	190	1.0	125	88	83.9	37 - 123			
Matrix Spike Dup (B2A0014-MSD1)		**Source: 1100837-70**			Prepared: 1/3/2012 Analyzed: 1/3/2012				
Antimony	99	2.0	125	ND	78.9	44 - 105	4.77	20	
Arsenic	110	1.0	125	8.0	84.0	57 - 103	1.73	20	
Barium	320	1.0	125	220	75.9	36 - 134	48.1	20	R
Beryllium	110	1.0	125	0.49	86.7	64 - 106	1.37	20	
Cadmium	110	1.0	125	ND	84.0	58 - 102	1.84	20	
Chromium	150	1.0	125	44	86.7	55 - 105	0.637	20	
Cobalt	120	1.0	125	19	80.5	59 - 105	0.684	20	
Copper	180	2.0	125	59	94.8	64 - 117	1.15	20	
Lead	110	1.0	125	7.5	84.4	46 - 116	0.521	20	
Molybdenum	110	1.0	125	ND	86.1	59 - 108	1.35	20	
Nickel	160	1.0	125	57	82.8	52 - 109	0.928	20	
Selenium	100	1.0	125	ND	82.2	56 - 100	0.999	20	
Silver	110	1.0	125	0.16	88.9	65 - 107	0.0977	20	
Thallium	100	1.0	125	ND	81.1	47 - 100	0.959	20	
Vanadium	150	1.0	125	44	86.7	64 - 110	1.10	20	
Zinc	190	1.0	125	88	83.1	37 - 123	0.537	20	
Batch B2A0015 - EPA 3050B									
Blank (B2A0015-BLK1)					Prepared: 1/3/2012 Analyzed: 1/3/2012				
Antimony	ND	2.0			NR				
Arsenic	ND	1.0			NR				
Barium	ND	1.0			NR				
Beryllium	ND	1.0			NR				
Cadmium	ND	1.0			NR				
Chromium	ND	1.0			NR				
Cobalt	ND	1.0			NR				
Copper	ND	2.0			NR				
Lead	ND	1.0			NR				
Molybdenum	ND	1.0			NR				

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Total Metals by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0015 - EPA 3050B (continued)									
Blank (B2A0015-BLK1) - Continued					Prepared: 1/3/2012 Analyzed: 1/3/2012				
Nickel	ND	1.0			NR				
Selenium	ND	1.0			NR				
Silver	ND	1.0			NR				
Thallium	ND	1.0			NR				
Vanadium	ND	1.0			NR				
Zinc	ND	1.0			NR				
LCS (B2A0015-BS1)					Prepared: 1/3/2012 Analyzed: 1/3/2012				
Antimony	48	2.0	50.0		96.8	80 - 120			
Arsenic	48	1.0	50.0		95.6	80 - 120			
Barium	52	1.0	50.0		104	80 - 120			
Beryllium	49	1.0	50.0		98.8	80 - 120			
Cadmium	50	1.0	50.0		100	80 - 120			
Chromium	49	1.0	50.0		98.1	80 - 120			
Cobalt	48	1.0	50.0		95.5	80 - 120			
Copper	50	2.0	50.0		101	80 - 120			
Lead	50	1.0	50.0		99.9	80 - 120			
Molybdenum	51	1.0	50.0		103	80 - 120			
Nickel	48	1.0	50.0		95.0	80 - 120			
Selenium	46	1.0	50.0		92.4	80 - 120			
Silver	46	1.0	50.0		91.7	80 - 120			
Thallium	49	1.0	50.0		97.4	80 - 120			
Vanadium	50	1.0	50.0		100	80 - 120			
Zinc	50	1.0	50.0		99.5	80 - 120			
Duplicate (B2A0015-DUP1)		**Source: 1100837-80**			Prepared: 1/3/2012 Analyzed: 1/3/2012				
Antimony	ND	2.0		ND	NR			20	
Arsenic	8.3	1.0		9.2	NR		10.8	20	
Barium	370	1.0		330	NR		11.3	20	
Beryllium	0.49	1.0		0.46	NR		6.09	20	
Cadmium	0.05	1.0		ND	NR			20	
Chromium	40	1.0		39	NR		2.22	20	
Cobalt	17	1.0		21	NR		20.1	20	R
Copper	62	2.0		61	NR		1.45	20	
Lead	9.2	1.0		9.7	NR		5.17	20	
Molybdenum	ND	1.0		ND	NR			20	
Nickel	55	1.0		59	NR		6.46	20	
Selenium	ND	1.0		ND	NR			20	
Silver	0.08	1.0		0.20	NR		84.7	20	R
Thallium	ND	1.0		0.09	NR			20	
Vanadium	44	1.0		42	NR		2.98	20	
Zinc	83	1.0		85	NR		2.70	20	
Matrix Spike (B2A0015-MS1)		**Source: 1100837-80**			Prepared: 1/3/2012 Analyzed: 1/3/2012				

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Total Metals by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0015 - EPA 3050B (continued)									
Matrix Spike (B2A0015-MS1) - Continued		**Source: 1100837-80**			Prepared: 1/3/2012 Analyzed: 1/3/2012				
Antimony	90	2.0	125	ND	71.7	44 - 105			
Arsenic	120	1.0	125	9.2	86.0	57 - 103			
Barium	450	1.0	125	330	94.0	36 - 134			
Beryllium	110	1.0	125	0.46	87.1	64 - 106			
Cadmium	110	1.0	125	ND	84.9	58 - 102			
Chromium	150	1.0	125	39	89.8	55 - 105			
Cobalt	120	1.0	125	21	79.5	59 - 105			
Copper	180	2.0	125	61	96.4	64 - 117			
Lead	120	1.0	125	9.7	85.7	46 - 116			
Molybdenum	110	1.0	125	ND	85.8	59 - 108			
Nickel	160	1.0	125	59	78.3	52 - 109			
Selenium	110	1.0	125	ND	84.1	56 - 100			
Silver	110	1.0	125	0.20	90.0	65 - 107			
Thallium	100	1.0	125	0.09	81.1	47 - 100			
Vanadium	160	1.0	125	42	91.6	64 - 110			
Zinc	190	1.0	125	85	85.7	37 - 123			
Matrix Spike Dup (B2A0015-MSD1)		**Source: 1100837-80**			Prepared: 1/3/2012 Analyzed: 1/3/2012				
Antimony	89	2.0	125	ND	71.3	44 - 105	0.561	20	
Arsenic	110	1.0	125	9.2	82.8	57 - 103	3.48	20	
Barium	320	1.0	125	330	-10.2	36 - 134	34.0	20	M1, R
Beryllium	110	1.0	125	0.46	84.1	64 - 106	3.46	20	
Cadmium	100	1.0	125	ND	83.1	58 - 102	2.16	20	
Chromium	150	1.0	125	39	86.1	55 - 105	3.13	20	
Cobalt	120	1.0	125	21	75.9	59 - 105	3.76	20	
Copper	170	2.0	125	61	88.7	64 - 117	5.47	20	
Lead	110	1.0	125	9.7	82.5	46 - 116	3.50	20	
Molybdenum	100	1.0	125	ND	83.4	59 - 108	2.84	20	
Nickel	150	1.0	125	59	75.2	52 - 109	2.48	20	
Selenium	100	1.0	125	ND	81.8	56 - 100	2.73	20	
Silver	110	1.0	125	0.20	87.0	65 - 107	3.41	20	
Thallium	98	1.0	125	0.09	78.4	47 - 100	3.30	20	
Vanadium	150	1.0	125	42	85.6	64 - 110	4.89	20	
Zinc	180	1.0	125	85	79.2	37 - 123	4.31	20	
Batch B2A0016 - EPA 3050B									
Blank (B2A0016-BLK1)					Prepared: 1/3/2012 Analyzed: 1/3/2012				
Antimony	ND	2.0			NR				
Arsenic	ND	1.0			NR				
Barium	ND	1.0			NR				
Beryllium	ND	1.0			NR				
Cadmium	ND	1.0			NR				
Chromium	ND	1.0			NR				

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Total Metals by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0016 - EPA 3050B (continued)									
Blank (B2A0016-BLK1) - Continued					Prepared: 1/3/2012 Analyzed: 1/3/2012				
Cobalt	ND	1.0			NR				
Copper	ND	2.0			NR				
Lead	ND	1.0			NR				
Molybdenum	ND	1.0			NR				
Nickel	ND	1.0			NR				
Selenium	ND	1.0			NR				
Silver	ND	1.0			NR				
Thallium	ND	1.0			NR				
Vanadium	ND	1.0			NR				
Zinc	ND	1.0			NR				
LCS (B2A0016-BS1)					Prepared: 1/3/2012 Analyzed: 1/3/2012				
Antimony	48	2.0	50.0		96.2	80 - 120			
Arsenic	48	1.0	50.0		95.3	80 - 120			
Barium	53	1.0	50.0		105	80 - 120			
Beryllium	48	1.0	50.0		96.6	80 - 120			
Cadmium	50	1.0	50.0		101	80 - 120			
Chromium	49	1.0	50.0		97.3	80 - 120			
Cobalt	48	1.0	50.0		95.6	80 - 120			
Copper	50	2.0	50.0		100	80 - 120			
Lead	49	1.0	50.0		98.6	80 - 120			
Molybdenum	51	1.0	50.0		101	80 - 120			
Nickel	47	1.0	50.0		94.5	80 - 120			
Selenium	46	1.0	50.0		91.8	80 - 120			
Silver	46	1.0	50.0		92.3	80 - 120			
Thallium	48	1.0	50.0		96.8	80 - 120			
Vanadium	50	1.0	50.0		99.7	80 - 120			
Zinc	50	1.0	50.0		99.5	80 - 120			
Duplicate (B2A0016-DUP1)		**Source: 1100837-90**			Prepared: 1/3/2012 Analyzed: 1/3/2012				
Antimony	ND	2.0		ND	NR			20	
Arsenic	3.7	1.0		1.8	NR		67.0	20	R
Barium	110	1.0		77	NR		32.6	20	R
Beryllium	ND	1.0		ND	NR			20	
Cadmium	0.04	1.0		ND	NR			20	
Chromium	22	1.0		21	NR		6.36	20	
Cobalt	13	1.0		13	NR		2.11	20	
Copper	40	2.0		36	NR		8.96	20	
Lead	32	1.0		31	NR		3.75	20	
Molybdenum	ND	1.0		ND	NR			20	
Nickel	28	1.0		25	NR		10.8	20	
Selenium	ND	1.0		ND	NR			20	
Silver	0.16	1.0		0.07	NR		76.3	20	R

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Total Metals by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0016 - EPA 3050B (continued)									
Duplicate (B2A0016-DUP1) - Continued		**Source: 1100837-90**			Prepared: 1/3/2012 Analyzed: 1/3/2012				
Thallium	ND	1.0		ND	NR			20	
Vanadium	73	1.0		87	NR		18.5	20	
Zinc	78	1.0		70	NR		11.7	20	
Matrix Spike (B2A0016-MS1)		**Source: 1100837-90**			Prepared: 1/3/2012 Analyzed: 1/3/2012				
Antimony	88	2.0	125	ND	70.3	44 - 105			
Arsenic	100	1.0	125	1.8	79.6	57 - 103			
Barium	170	1.0	125	77	73.6	36 - 134			
Beryllium	97	1.0	125	ND	77.5	64 - 106			
Cadmium	98	1.0	125	ND	78.3	58 - 102			
Chromium	120	1.0	125	21	76.8	55 - 105			
Cobalt	100	1.0	125	13	73.1	59 - 105			
Copper	140	2.0	125	36	81.7	64 - 117			
Lead	130	1.0	125	31	75.7	46 - 116			
Molybdenum	97	1.0	125	ND	77.8	59 - 108			
Nickel	120	1.0	125	25	75.7	52 - 109			
Selenium	97	1.0	125	ND	77.6	56 - 100			
Silver	100	1.0	125	0.07	82.0	65 - 107			
Thallium	90	1.0	125	ND	72.1	47 - 100			
Vanadium	170	1.0	125	87	63.9	64 - 110			M1
Zinc	160	1.0	125	70	69.0	37 - 123			
Matrix Spike Dup (B2A0016-MSD1)		**Source: 1100837-90**			Prepared: 1/3/2012 Analyzed: 1/3/2012				
Antimony	79	2.0	125	ND	63.1	44 - 105	10.8	20	
Arsenic	90	1.0	125	1.8	70.5	57 - 103	11.9	20	
Barium	160	1.0	125	77	64.4	36 - 134	6.98	20	
Beryllium	86	1.0	125	ND	68.7	64 - 106	12.0	20	
Cadmium	86	1.0	125	ND	68.7	58 - 102	13.0	20	
Chromium	110	1.0	125	21	68.4	55 - 105	9.42	20	
Cobalt	96	1.0	125	13	65.8	59 - 105	9.10	20	
Copper	130	2.0	125	36	78.5	64 - 117	2.87	20	
Lead	140	1.0	125	31	85.5	46 - 116	9.33	20	
Molybdenum	85	1.0	125	ND	68.3	59 - 108	13.0	20	
Nickel	110	1.0	125	25	63.9	52 - 109	13.0	20	
Selenium	85	1.0	125	ND	68.0	56 - 100	13.2	20	
Silver	94	1.0	125	0.07	75.4	65 - 107	8.36	20	
Thallium	78	1.0	125	ND	62.7	47 - 100	13.9	20	
Vanadium	170	1.0	125	87	65.1	64 - 110	0.960	20	
Zinc	160	1.0	125	70	68.5	37 - 123	0.397	20	
Batch B2A0017 - EPA 3050B									
Blank (B2A0017-BLK1)					Prepared: 1/3/2012 Analyzed: 1/3/2012				
Antimony	ND	2.0			NR				

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Total Metals by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0017 - EPA 3050B (continued)									
Blank (B2A0017-BLK1) - Continued					Prepared: 1/3/2012 Analyzed: 1/3/2012				
Arsenic	ND	1.0			NR				
Barium	ND	1.0			NR				
Beryllium	ND	1.0			NR				
Cadmium	ND	1.0			NR				
Chromium	ND	1.0			NR				
Cobalt	ND	1.0			NR				
Copper	ND	2.0			NR				
Lead	ND	1.0			NR				
Molybdenum	ND	1.0			NR				
Nickel	ND	1.0			NR				
Selenium	ND	1.0			NR				
Silver	ND	1.0			NR				
Thallium	ND	1.0			NR				
Vanadium	ND	1.0			NR				
Zinc	ND	1.0			NR				
LCS (B2A0017-BS1)					Prepared: 1/3/2012 Analyzed: 1/3/2012				
Antimony	49	2.0	50.0		98.4	80 - 120			
Arsenic	49	1.0	50.0		97.4	80 - 120			
Barium	53	1.0	50.0		106	80 - 120			
Beryllium	50	1.0	50.0		101	80 - 120			
Cadmium	51	1.0	50.0		103	80 - 120			
Chromium	50	1.0	50.0		100	80 - 120			
Cobalt	48	1.0	50.0		96.7	80 - 120			
Copper	51	2.0	50.0		102	80 - 120			
Lead	51	1.0	50.0		102	80 - 120			
Molybdenum	52	1.0	50.0		105	80 - 120			
Nickel	48	1.0	50.0		96.6	80 - 120			
Selenium	47	1.0	50.0		94.1	80 - 120			
Silver	46	1.0	50.0		92.2	80 - 120			
Thallium	49	1.0	50.0		98.4	80 - 120			
Vanadium	51	1.0	50.0		102	80 - 120			
Zinc	51	1.0	50.0		101	80 - 120			
Duplicate (B2A0017-DUP1)		**Source: 1100837-AA**			Prepared: 1/3/2012 Analyzed: 1/3/2012				
Antimony	ND	2.0		ND	NR			20	
Arsenic	11	1.0		11	NR		3.14	20	
Barium	240	1.0		230	NR		7.84	20	
Beryllium	0.38	1.0		0.40	NR		5.48	20	
Cadmium	ND	1.0		ND	NR			20	
Chromium	43	1.0		49	NR		13.5	20	
Cobalt	14	1.0		14	NR		0.737	20	
Copper	36	2.0		33	NR		10.5	20	

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Total Metals by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0017 - EPA 3050B (continued)									
Duplicate (B2A0017-DUP1) - Continued		**Source: 1100837-AA**			Prepared: 1/3/2012 Analyzed: 1/3/2012				
Lead	18	1.0		15	NR		17.6	20	
Molybdenum	ND	1.0		ND	NR			20	
Nickel	57	1.0		51	NR		10.4	20	
Selenium	0.25	1.0		ND	NR			20	
Silver	0.04	1.0		0.08	NR		76.3	20	R
Thallium	ND	1.0		ND	NR			20	
Vanadium	62	1.0		58	NR		6.42	20	
Zinc	59	1.0		55	NR		6.41	20	
Matrix Spike (B2A0017-MS1)		**Source: 1100837-AA**			Prepared: 1/3/2012 Analyzed: 1/3/2012				
Antimony	86	2.0	125	ND	68.8	44 - 105			
Arsenic	120	1.0	125	11	83.3	57 - 103			
Barium	320	1.0	125	230	79.5	36 - 134			
Beryllium	100	1.0	125	0.40	82.7	64 - 106			
Cadmium	100	1.0	125	ND	83.6	58 - 102			
Chromium	150	1.0	125	49	78.6	55 - 105			
Cobalt	110	1.0	125	14	79.9	59 - 105			
Copper	140	2.0	125	33	89.7	64 - 117			
Lead	140	1.0	125	15	99.6	46 - 116			
Molybdenum	100	1.0	125	ND	82.3	59 - 108			
Nickel	140	1.0	125	51	75.0	52 - 109			
Selenium	100	1.0	125	ND	80.2	56 - 100			
Silver	110	1.0	125	0.08	85.1	65 - 107			
Thallium	96	1.0	125	ND	77.0	47 - 100			
Vanadium	170	1.0	125	58	91.3	64 - 110			
Zinc	160	1.0	125	55	84.6	37 - 123			
Matrix Spike Dup (B2A0017-MSD1)		**Source: 1100837-AA**			Prepared: 1/3/2012 Analyzed: 1/3/2012				
Antimony	78	2.0	125	ND	62.7	44 - 105	9.32	20	
Arsenic	100	1.0	125	11	73.4	57 - 103	11.4	20	
Barium	290	1.0	125	230	53.3	36 - 134	10.6	20	
Beryllium	96	1.0	125	0.40	76.2	64 - 106	8.13	20	
Cadmium	95	1.0	125	ND	76.4	58 - 102	9.00	20	
Chromium	130	1.0	125	49	68.9	55 - 105	8.58	20	
Cobalt	110	1.0	125	14	73.4	59 - 105	7.44	20	
Copper	140	2.0	125	33	82.3	64 - 117	6.59	20	
Lead	120	1.0	125	15	82.8	46 - 116	16.3	20	
Molybdenum	94	1.0	125	ND	75.6	59 - 108	8.60	20	
Nickel	130	1.0	125	51	66.2	52 - 109	7.89	20	
Selenium	94	1.0	125	ND	74.9	56 - 100	6.91	20	
Silver	97	1.0	125	0.08	77.7	65 - 107	9.09	20	
Thallium	89	1.0	125	ND	71.5	47 - 100	7.39	20	
Vanadium	150	1.0	125	58	76.3	64 - 110	11.6	20	

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Total Metals by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0017 - EPA 3050B (continued)									
Matrix Spike Dup (B2A0017-MSD1) - Continued		**Source: 1100837-AA**			Prepared: 1/3/2012 Analyzed: 1/3/2012				
Zinc	150	1.0	125	55	76.3	37 - 123	6.66	20	
Batch B2A0018 - EPA 3050B									
Blank (B2A0018-BLK1)					Prepared: 1/3/2012 Analyzed: 1/3/2012				
Antimony	ND	2.0			NR				
Arsenic	ND	1.0			NR				
Barium	ND	1.0			NR				
Beryllium	ND	1.0			NR				
Cadmium	ND	1.0			NR				
Chromium	ND	1.0			NR				
Cobalt	ND	1.0			NR				
Copper	ND	2.0			NR				
Lead	ND	1.0			NR				
Molybdenum	ND	1.0			NR				
Nickel	ND	1.0			NR				
Selenium	ND	1.0			NR				
Silver	ND	1.0			NR				
Thallium	ND	1.0			NR				
Vanadium	ND	1.0			NR				
Zinc	ND	1.0			NR				
LCS (B2A0018-BS1)					Prepared: 1/3/2012 Analyzed: 1/3/2012				
Antimony	48	2.0	50.0		95.2	80 - 120			
Arsenic	47	1.0	50.0		94.8	80 - 120			
Barium	53	1.0	50.0		105	80 - 120			
Beryllium	50	1.0	50.0		99.2	80 - 120			
Cadmium	51	1.0	50.0		101	80 - 120			
Chromium	49	1.0	50.0		98.2	80 - 120			
Cobalt	48	1.0	50.0		95.6	80 - 120			
Copper	50	2.0	50.0		100	80 - 120			
Lead	49	1.0	50.0		98.5	80 - 120			
Molybdenum	51	1.0	50.0		101	80 - 120			
Nickel	48	1.0	50.0		95.4	80 - 120			
Selenium	45	1.0	50.0		90.6	80 - 120			
Silver	46	1.0	50.0		91.3	80 - 120			
Thallium	48	1.0	50.0		95.3	80 - 120			
Vanadium	50	1.0	50.0		100	80 - 120			
Zinc	50	1.0	50.0		100	80 - 120			
Duplicate (B2A0018-DUP1)		**Source: 1100837-AK**			Prepared: 1/3/2012 Analyzed: 1/3/2012				
Antimony	ND	2.0		ND	NR			20	
Arsenic	7.6	1.0		6.9	NR		10.4	20	
Barium	160	1.0		160	NR		4.25	20	

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Total Metals by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0018 - EPA 3050B (continued)									
Duplicate (B2A0018-DUP1) - Continued		**Source: 1100837-AK**			Prepared: 1/3/2012 Analyzed: 1/3/2012				
Beryllium	0.32	1.0		0.31	NR		3.87	20	
Cadmium	ND	1.0		ND	NR			20	
Chromium	35	1.0		36	NR		0.790	20	
Cobalt	17	1.0		16	NR		5.98	20	
Copper	42	2.0		45	NR		4.83	20	
Lead	23	1.0		25	NR		10.6	20	
Molybdenum	ND	1.0		ND	NR			20	
Nickel	51	1.0		49	NR		2.88	20	
Selenium	ND	1.0		ND	NR			20	
Silver	0.11	1.0		0.07	NR		53.6	20	R
Thallium	ND	1.0		ND	NR			20	
Vanadium	41	1.0		41	NR		0.160	20	
Zinc	66	1.0		65	NR		0.310	20	
Matrix Spike (B2A0018-MS1)		**Source: 1100837-AK**			Prepared: 1/3/2012 Analyzed: 1/3/2012				
Antimony	85	2.0	125	ND	67.8	44 - 105			
Arsenic	110	1.0	125	6.9	80.1	57 - 103			
Barium	250	1.0	125	160	74.5	36 - 134			
Beryllium	100	1.0	125	0.31	80.6	64 - 106			
Cadmium	100	1.0	125	ND	80.5	58 - 102			
Chromium	140	1.0	125	36	82.8	55 - 105			
Cobalt	110	1.0	125	16	78.3	59 - 105			
Copper	150	2.0	125	45	84.1	64 - 117			
Lead	120	1.0	125	25	77.1	46 - 116			
Molybdenum	100	1.0	125	ND	80.2	59 - 108			
Nickel	140	1.0	125	49	75.9	52 - 109			
Selenium	96	1.0	125	ND	77.0	56 - 100			
Silver	100	1.0	125	0.07	82.7	65 - 107			
Thallium	95	1.0	125	ND	75.9	47 - 100			
Vanadium	140	1.0	125	41	78.8	64 - 110			
Zinc	160	1.0	125	65	77.6	37 - 123			
Matrix Spike Dup (B2A0018-MSD1)		**Source: 1100837-AK**			Prepared: 1/3/2012 Analyzed: 1/3/2012				
Antimony	81	2.0	125	ND	64.6	44 - 105	4.94	20	
Arsenic	100	1.0	125	6.9	76.0	57 - 103	4.89	20	
Barium	220	1.0	125	160	52.2	36 - 134	11.8	20	
Beryllium	95	1.0	125	0.31	76.1	64 - 106	5.70	20	
Cadmium	96	1.0	125	ND	76.5	58 - 102	5.07	20	
Chromium	130	1.0	125	36	76.5	55 - 105	5.83	20	
Cobalt	110	1.0	125	16	72.8	59 - 105	6.17	20	
Copper	140	2.0	125	45	79.5	64 - 117	3.89	20	
Lead	110	1.0	125	25	70.1	46 - 116	7.51	20	
Molybdenum	94	1.0	125	ND	75.2	59 - 108	6.40	20	

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Total Metals by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0018 - EPA 3050B (continued)									
Matrix Spike Dup (B2A0018-MSD1) - Continued		**Source: 1100837-AK**			Prepared: 1/3/2012 Analyzed: 1/3/2012				
Nickel	130	1.0	125	49	68.7	52 - 109	6.42	20	
Selenium	92	1.0	125	ND	73.8	56 - 100	4.26	20	
Silver	97	1.0	125	0.07	77.7	65 - 107	6.30	20	
Thallium	89	1.0	125	ND	71.2	47 - 100	6.32	20	
Vanadium	130	1.0	125	41	74.9	64 - 110	3.57	20	
Zinc	160	1.0	125	65	77.2	37 - 123	0.326	20	
Batch B2A0019 - EPA 3050B									
Blank (B2A0019-BLK1)					Prepared: 1/3/2012 Analyzed: 1/3/2012				
Antimony	ND	2.0			NR				
Arsenic	ND	1.0			NR				
Barium	ND	1.0			NR				
Beryllium	ND	1.0			NR				
Cadmium	ND	1.0			NR				
Chromium	ND	1.0			NR				
Cobalt	ND	1.0			NR				
Copper	ND	2.0			NR				
Lead	ND	1.0			NR				
Molybdenum	ND	1.0			NR				
Nickel	ND	1.0			NR				
Selenium	ND	1.0			NR				
Silver	ND	1.0			NR				
Thallium	ND	1.0			NR				
Vanadium	ND	1.0			NR				
Zinc	ND	1.0			NR				
LCS (B2A0019-BS1)					Prepared: 1/3/2012 Analyzed: 1/3/2012				
Antimony	47	2.0	50.0		95.0	80 - 120			
Arsenic	47	1.0	50.0		94.7	80 - 120			
Barium	52	1.0	50.0		105	80 - 120			
Beryllium	49	1.0	50.0		98.7	80 - 120			
Cadmium	51	1.0	50.0		102	80 - 120			
Chromium	49	1.0	50.0		97.9	80 - 120			
Cobalt	48	1.0	50.0		95.5	80 - 120			
Copper	50	2.0	50.0		99.2	80 - 120			
Lead	49	1.0	50.0		98.9	80 - 120			
Molybdenum	50	1.0	50.0		101	80 - 120			
Nickel	48	1.0	50.0		95.4	80 - 120			
Selenium	46	1.0	50.0		91.8	80 - 120			
Silver	45	1.0	50.0		90.3	80 - 120			
Thallium	48	1.0	50.0		95.9	80 - 120			
Vanadium	50	1.0	50.0		99.5	80 - 120			
Zinc	50	1.0	50.0		101	80 - 120			

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Total Metals by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0019 - EPA 3050B (continued)									
LCS (B2A0019-BS1) - Continued					Prepared: 1/3/2012 Analyzed: 1/3/2012				
Duplicate (B2A0019-DUP1)		**Source: 1100837-AU**			Prepared: 1/3/2012 Analyzed: 1/3/2012				
Antimony	ND	2.0		ND	NR			20	
Arsenic	ND	1.0		ND	NR			20	
Barium	7.5	1.0		7.9	NR		5.09	20	
Beryllium	ND	1.0		ND	NR			20	
Cadmium	ND	1.0		ND	NR			20	
Chromium	10	1.0		10	NR		2.56	20	
Cobalt	17	1.0		18	NR		3.48	20	
Copper	36	2.0		32	NR		13.0	20	
Lead	ND	1.0		ND	NR			20	
Molybdenum	ND	1.0		ND	NR			20	
Nickel	11	1.0		11	NR		1.84	20	
Selenium	ND	1.0		ND	NR			20	
Silver	ND	1.0		0.13	NR			20	
Thallium	ND	1.0		ND	NR			20	
Vanadium	140	1.0		140	NR		1.49	20	
Zinc	47	1.0		46	NR		1.86	20	
Matrix Spike (B2A0019-MS1)		**Source: 1100837-AU**			Prepared: 1/3/2012 Analyzed: 1/3/2012				
Antimony	68	2.0	125	ND	54.0	44 - 105			
Arsenic	76	1.0	125	ND	61.2	57 - 103			
Barium	92	1.0	125	7.9	66.9	36 - 134			
Beryllium	76	1.0	125	ND	61.1	64 - 106			M1
Cadmium	77	1.0	125	ND	61.8	58 - 102			
Chromium	91	1.0	125	10	64.5	55 - 105			
Cobalt	94	1.0	125	18	61.3	59 - 105			
Copper	120	2.0	125	32	73.4	64 - 117			
Lead	76	1.0	125	ND	60.9	46 - 116			
Molybdenum	75	1.0	125	ND	59.8	59 - 108			
Nickel	92	1.0	125	11	64.5	52 - 109			
Selenium	73	1.0	125	ND	58.6	56 - 100			
Silver	87	1.0	125	0.13	69.9	65 - 107			
Thallium	69	1.0	125	ND	55.3	47 - 100			
Vanadium	220	1.0	125	140	63.2	64 - 110			M1
Zinc	130	1.0	125	46	63.4	37 - 123			
Matrix Spike Dup (B2A0019-MSD1)		**Source: 1100837-AU**			Prepared: 1/3/2012 Analyzed: 1/3/2012				
Antimony	66	2.0	125	ND	52.8	44 - 105	2.26	20	
Arsenic	74	1.0	125	ND	59.6	57 - 103	2.61	20	
Barium	92	1.0	125	7.9	67.2	36 - 134	0.368	20	
Beryllium	76	1.0	125	ND	60.7	64 - 106	0.604	20	M1
Cadmium	77	1.0	125	ND	61.4	58 - 102	0.619	20	
Chromium	89	1.0	125	10	63.4	55 - 105	1.52	20	

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Total Metals by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0019 - EPA 3050B (continued)									
Matrix Spike Dup (B2A0019-MSD1) - Continued		**Source: 1100837-AU**			Prepared: 1/3/2012 Analyzed: 1/3/2012				
Cobalt	94	1.0	125	18	60.8	59 - 105	0.730	20	
Copper	120	2.0	125	32	73.2	64 - 117	0.141	20	
Lead	76	1.0	125	ND	60.5	46 - 116	0.714	20	
Molybdenum	73	1.0	125	ND	58.5	59 - 108	2.19	20	M1
Nickel	91	1.0	125	11	63.5	52 - 109	1.30	20	
Selenium	70	1.0	125	ND	56.0	56 - 100	4.49	20	
Silver	86	1.0	125	0.13	68.3	65 - 107	2.21	20	
Thallium	68	1.0	125	ND	54.4	47 - 100	1.64	20	
Vanadium	220	1.0	125	140	62.1	64 - 110	0.609	20	M1
Zinc	120	1.0	125	46	62.0	37 - 123	1.42	20	
Batch B2A0020 - EPA 3050B									
Blank (B2A0020-BLK1)					Prepared: 1/3/2012 Analyzed: 1/4/2012				
Antimony	ND	2.0			NR				
Arsenic	ND	1.0			NR				
Barium	ND	1.0			NR				
Beryllium	ND	1.0			NR				
Cadmium	ND	1.0			NR				
Chromium	ND	1.0			NR				
Cobalt	ND	1.0			NR				
Copper	ND	2.0			NR				
Lead	ND	1.0			NR				
Molybdenum	ND	1.0			NR				
Nickel	ND	1.0			NR				
Selenium	ND	1.0			NR				
Silver	ND	1.0			NR				
Thallium	ND	1.0			NR				
Vanadium	ND	1.0			NR				
Zinc	ND	1.0			NR				
LCS (B2A0020-BS1)					Prepared: 1/3/2012 Analyzed: 1/4/2012				
Antimony	45	2.0	50.0		90.7	80 - 120			
Arsenic	45	1.0	50.0		90.4	80 - 120			
Barium	47	1.0	50.0		94.5	80 - 120			
Beryllium	48	1.0	50.0		95.9	80 - 120			
Cadmium	45	1.0	50.0		90.3	80 - 120			
Chromium	46	1.0	50.0		92.3	80 - 120			
Cobalt	46	1.0	50.0		91.7	80 - 120			
Copper	48	2.0	50.0		95.4	80 - 120			
Lead	48	1.0	50.0		96.1	80 - 120			
Molybdenum	49	1.0	50.0		98.7	80 - 120			
Nickel	45	1.0	50.0		90.4	80 - 120			
Selenium	44	1.0	50.0		88.7	80 - 120			

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Total Metals by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0020 - EPA 3050B (continued)									
LCS (B2A0020-BS1) - Continued					Prepared: 1/3/2012 Analyzed: 1/4/2012				
Silver	45	1.0	50.0		90.8	80 - 120			
Thallium	49	1.0	50.0		97.3	80 - 120			
Vanadium	48	1.0	50.0		95.9	80 - 120			
Zinc	46	1.0	50.0		91.3	80 - 120			
Duplicate (B2A0020-DUP1)		**Source: 1100837-BE**			Prepared: 1/3/2012 Analyzed: 1/4/2012				
Antimony	ND	2.0		ND	NR			20	
Arsenic	5.9	1.0		5.6	NR		5.46	20	
Barium	110	1.0		510	NR		129	20	R
Beryllium	0.23	1.0		0.22	NR		8.42	20	
Cadmium	ND	1.0		0.11	NR			20	
Chromium	30	1.0		23	NR		23.9	20	R
Cobalt	12	1.0		12	NR		0.616	20	
Copper	35	2.0		34	NR		4.03	20	
Lead	96	1.0		89	NR		8.12	20	
Molybdenum	ND	1.0		ND	NR			20	
Nickel	43	1.0		43	NR		0.615	20	
Selenium	ND	1.0		1.0	NR			20	
Silver	0.06	1.0		0.34	NR		139	20	R
Thallium	ND	1.0		1.3	NR			20	
Vanadium	34	1.0		32	NR		4.66	20	
Zinc	56	1.0		51	NR		10.2	20	
Matrix Spike (B2A0020-MS1)		**Source: 1100837-BE**			Prepared: 1/3/2012 Analyzed: 1/4/2012				
Antimony	82	2.0	125	ND	65.9	44 - 105			
Arsenic	99	1.0	125	5.6	74.8	57 - 103			
Barium	210	1.0	125	510	-239	36 - 134			M1
Beryllium	97	1.0	125	0.22	77.2	64 - 106			
Cadmium	87	1.0	125	0.11	69.5	58 - 102			
Chromium	130	1.0	125	23	81.8	55 - 105			
Cobalt	100	1.0	125	12	73.3	59 - 105			
Copper	190	2.0	125	34	122	64 - 117			M1
Lead	160	1.0	125	89	60.4	46 - 116			
Molybdenum	95	1.0	125	ND	75.9	59 - 108			
Nickel	130	1.0	125	43	72.4	52 - 109			
Selenium	91	1.0	125	1.0	72.1	56 - 100			
Silver	99	1.0	125	0.34	79.2	65 - 107			
Thallium	94	1.0	125	1.3	73.8	47 - 100			
Vanadium	140	1.0	125	32	83.7	64 - 110			
Zinc	150	1.0	125	51	80.0	37 - 123			
Matrix Spike Dup (B2A0020-MSD1)		**Source: 1100837-BE**			Prepared: 1/3/2012 Analyzed: 1/4/2012				
Antimony	82	2.0	125	ND	65.8	44 - 105	0.188	20	
Arsenic	96	1.0	125	5.6	72.0	57 - 103	3.49	20	

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Total Metals by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0020 - EPA 3050B (continued)									
Matrix Spike Dup (B2A0020-MSD1) - Continued		**Source: 1100837-BE**			Prepared: 1/3/2012 Analyzed: 1/4/2012				
Barium	200	1.0	125	510	-246	36 - 134	4.12	20	M1
Beryllium	93	1.0	125	0.22	74.5	64 - 106	3.65	20	
Cadmium	85	1.0	125	0.11	67.7	58 - 102	2.59	20	
Chromium	120	1.0	125	23	75.0	55 - 105	6.99	20	
Cobalt	100	1.0	125	12	70.9	59 - 105	2.99	20	
Copper	140	2.0	125	34	83.5	64 - 117	29.5	20	R
Lead	150	1.0	125	89	50.5	46 - 116	7.82	20	
Molybdenum	93	1.0	125	ND	74.1	59 - 108	2.40	20	
Nickel	120	1.0	125	43	64.4	52 - 109	7.73	20	
Selenium	89	1.0	125	1.0	70.6	56 - 100	1.96	20	
Silver	96	1.0	125	0.34	76.8	65 - 107	3.09	20	
Thallium	91	1.0	125	1.3	71.9	47 - 100	2.54	20	
Vanadium	130	1.0	125	32	76.7	64 - 110	6.57	20	
Zinc	140	1.0	125	51	72.5	37 - 123	6.43	20	
Batch B2A0021 - EPA 3050B									
Blank (B2A0021-BLK1)					Prepared: 1/3/2012 Analyzed: 1/4/2012				
Antimony	ND	2.0			NR				
Arsenic	ND	1.0			NR				
Barium	ND	1.0			NR				
Beryllium	ND	1.0			NR				
Cadmium	ND	1.0			NR				
Chromium	ND	1.0			NR				
Cobalt	ND	1.0			NR				
Copper	ND	2.0			NR				
Lead	ND	1.0			NR				
Molybdenum	ND	1.0			NR				
Nickel	ND	1.0			NR				
Selenium	ND	1.0			NR				
Silver	ND	1.0			NR				
Thallium	ND	1.0			NR				
Vanadium	ND	1.0			NR				
Zinc	ND	1.0			NR				
LCS (B2A0021-BS1)					Prepared: 1/3/2012 Analyzed: 1/4/2012				
Antimony	45	2.0	50.0		89.1	80 - 120			
Arsenic	44	1.0	50.0		87.5	80 - 120			
Barium	45	1.0	50.0		90.9	80 - 120			
Beryllium	48	1.0	50.0		95.1	80 - 120			
Cadmium	43	1.0	50.0		86.8	80 - 120			
Chromium	44	1.0	50.0		88.4	80 - 120			
Cobalt	44	1.0	50.0		89.0	80 - 120			
Copper	46	2.0	50.0		92.2	80 - 120			

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Total Metals by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0021 - EPA 3050B (continued)									
LCS (B2A0021-BS1) - Continued					Prepared: 1/3/2012 Analyzed: 1/4/2012				
Lead	47	1.0	50.0		93.7	80 - 120			
Molybdenum	48	1.0	50.0		95.8	80 - 120			
Nickel	44	1.0	50.0		87.5	80 - 120			
Selenium	43	1.0	50.0		86.4	80 - 120			
Silver	45	1.0	50.0		89.8	80 - 120			
Thallium	48	1.0	50.0		95.2	80 - 120			
Vanadium	46	1.0	50.0		93.0	80 - 120			
Zinc	44	1.0	50.0		88.3	80 - 120			
Duplicate (B2A0021-DUP1)		**Source: 1100837-BO**			Prepared: 1/3/2012 Analyzed: 1/4/2012				
Antimony	ND	2.0		ND	NR			20	
Arsenic	3.2	1.0		4.0	NR		21.2	20	R
Barium	78	1.0		77	NR		0.251	20	
Beryllium	ND	1.0		ND	NR			20	
Cadmium	ND	1.0		0.06	NR			20	
Chromium	31	1.0		30	NR		2.42	20	
Cobalt	13	1.0		13	NR		4.85	20	
Copper	38	2.0		35	NR		5.96	20	
Lead	330	1.0		280	NR		14.6	20	
Molybdenum	ND	1.0		ND	NR			20	
Nickel	43	1.0		43	NR		0.848	20	
Selenium	ND	1.0		ND	NR			20	
Silver	0.11	1.0		0.07	NR		37.7	20	R
Thallium	ND	1.0		ND	NR			20	
Vanadium	40	1.0		33	NR		18.7	20	
Zinc	63	1.0		60	NR		5.62	20	
Matrix Spike (B2A0021-MS1)		**Source: 1100837-BO**			Prepared: 1/3/2012 Analyzed: 1/4/2012				
Antimony	78	2.0	125	ND	62.8	44 - 105			
Arsenic	91	1.0	125	4.0	70.0	57 - 103			
Barium	170	1.0	125	77	76.0	36 - 134			
Beryllium	93	1.0	125	ND	74.0	64 - 106			
Cadmium	82	1.0	125	0.06	65.3	58 - 102			
Chromium	120	1.0	125	30	69.2	55 - 105			
Cobalt	99	1.0	125	13	68.3	59 - 105			
Copper	130	2.0	125	35	79.2	64 - 117			
Lead	350	1.0	125	280	56.2	46 - 116			
Molybdenum	90	1.0	125	ND	72.3	59 - 108			
Nickel	120	1.0	125	43	64.6	52 - 109			
Selenium	88	1.0	125	ND	70.1	56 - 100			
Silver	96	1.0	125	0.07	76.5	65 - 107			
Thallium	87	1.0	125	ND	69.9	47 - 100			
Vanadium	130	1.0	125	33	76.8	64 - 110			

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Total Metals by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0021 - EPA 3050B (continued)									
Matrix Spike (B2A0021-MS1) - Continued		**Source: 1100837-BO**			Prepared: 1/3/2012 Analyzed: 1/4/2012				
Zinc	140	1.0	125	60	64.2	37 - 123			
Matrix Spike Dup (B2A0021-MSD1)		**Source: 1100837-BO**			Prepared: 1/3/2012 Analyzed: 1/4/2012				
Antimony	83	2.0	125	ND	66.3	44 - 105	5.43	20	
Arsenic	97	1.0	125	4.0	74.1	57 - 103	5.47	20	
Barium	150	1.0	125	77	54.7	36 - 134	16.7	20	
Beryllium	97	1.0	125	ND	77.5	64 - 106	4.52	20	
Cadmium	85	1.0	125	0.06	68.3	58 - 102	4.48	20	
Chromium	130	1.0	125	30	76.1	55 - 105	7.15	20	
Cobalt	100	1.0	125	13	71.1	59 - 105	3.51	20	
Copper	140	2.0	125	35	83.1	64 - 117	3.52	20	
Lead	350	1.0	125	280	51.6	46 - 116	1.65	20	
Molybdenum	94	1.0	125	ND	75.1	59 - 108	3.72	20	
Nickel	130	1.0	125	43	67.8	52 - 109	3.14	20	
Selenium	94	1.0	125	ND	75.4	56 - 100	7.41	20	
Silver	100	1.0	125	0.07	80.6	65 - 107	5.20	20	
Thallium	91	1.0	125	ND	73.1	47 - 100	4.53	20	
Vanadium	130	1.0	125	33	78.9	64 - 110	1.99	20	
Zinc	140	1.0	125	60	65.3	37 - 123	0.982	20	
Batch B2A0022 - EPA 3050B									
Blank (B2A0022-BLK1)					Prepared: 1/3/2012 Analyzed: 1/4/2012				
Antimony	ND	2.0			NR				
Arsenic	ND	1.0			NR				
Barium	ND	1.0			NR				
Beryllium	ND	1.0			NR				
Cadmium	ND	1.0			NR				
Chromium	ND	1.0			NR				
Cobalt	ND	1.0			NR				
Copper	ND	2.0			NR				
Lead	ND	1.0			NR				
Molybdenum	ND	1.0			NR				
Nickel	ND	1.0			NR				
Selenium	ND	1.0			NR				
Silver	ND	1.0			NR				
Thallium	ND	1.0			NR				
Vanadium	ND	1.0			NR				
Zinc	ND	1.0			NR				
LCS (B2A0022-BS1)					Prepared: 1/3/2012 Analyzed: 1/4/2012				
Antimony	45	2.0	50.0		90.2	80 - 120			
Arsenic	43	1.0	50.0		86.8	80 - 120			
Barium	46	1.0	50.0		91.2	80 - 120			

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Total Metals by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0022 - EPA 3050B (continued)									
LCS (B2A0022-BS1) - Continued					Prepared: 1/3/2012 Analyzed: 1/4/2012				
Beryllium	47	1.0	50.0		93.8	80 - 120			
Cadmium	44	1.0	50.0		87.1	80 - 120			
Chromium	45	1.0	50.0		90.2	80 - 120			
Cobalt	45	1.0	50.0		89.3	80 - 120			
Copper	47	2.0	50.0		93.3	80 - 120			
Lead	47	1.0	50.0		93.4	80 - 120			
Molybdenum	48	1.0	50.0		95.7	80 - 120			
Nickel	44	1.0	50.0		88.5	80 - 120			
Selenium	43	1.0	50.0		86.7	80 - 120			
Silver	46	1.0	50.0		92.3	80 - 120			
Thallium	48	1.0	50.0		95.4	80 - 120			
Vanadium	47	1.0	50.0		93.9	80 - 120			
Zinc	44	1.0	50.0		89.0	80 - 120			
Duplicate (B2A0022-DUP1)		**Source: 1100837-BY**			Prepared: 1/3/2012 Analyzed: 1/4/2012				
Antimony	ND	2.0		ND	NR			20	
Arsenic	9.6	1.0		10	NR		8.99	20	
Barium	220	1.0		260	NR		18.3	20	
Beryllium	0.60	1.0		0.57	NR		4.04	20	
Cadmium	ND	1.0		ND	NR			20	
Chromium	24	1.0		22	NR		5.38	20	
Cobalt	14	1.0		12	NR		16.8	20	
Copper	32	2.0		32	NR		1.61	20	
Lead	13	1.0		13	NR		4.37	20	
Molybdenum	ND	1.0		ND	NR			20	
Nickel	34	1.0		31	NR		8.77	20	
Selenium	ND	1.0		ND	NR			20	
Silver	0.11	1.0		0.11	NR		6.26	20	
Thallium	ND	1.0		0.14	NR			20	
Vanadium	32	1.0		32	NR		0.449	20	
Zinc	46	1.0		48	NR		3.47	20	
Matrix Spike (B2A0022-MS1)		**Source: 1100837-BY**			Prepared: 1/3/2012 Analyzed: 1/4/2012				
Antimony	86	2.0	125	ND	69.2	44 - 105			
Arsenic	110	1.0	125	10	77.0	57 - 103			
Barium	280	1.0	125	260	16.8	36 - 134			M1
Beryllium	100	1.0	125	0.57	80.7	64 - 106			
Cadmium	91	1.0	125	ND	72.4	58 - 102			
Chromium	120	1.0	125	22	79.4	55 - 105			
Cobalt	110	1.0	125	12	76.0	59 - 105			
Copper	140	2.0	125	32	83.6	64 - 117			
Lead	110	1.0	125	13	80.4	46 - 116			
Molybdenum	100	1.0	125	ND	80.3	59 - 108			

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Total Metals by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0022 - EPA 3050B (continued)									
Matrix Spike (B2A0022-MS1) - Continued		**Source: 1100837-BY**			Prepared: 1/3/2012 Analyzed: 1/4/2012				
Nickel	120	1.0	125	31	74.5	52 - 109			
Selenium	98	1.0	125	ND	78.5	56 - 100			
Silver	100	1.0	125	0.11	81.5	65 - 107			
Thallium	99	1.0	125	0.14	79.1	47 - 100			
Vanadium	130	1.0	125	32	80.1	64 - 110			
Zinc	140	1.0	125	48	73.9	37 - 123			
Matrix Spike Dup (B2A0022-MSD1)		**Source: 1100837-BY**			Prepared: 1/3/2012 Analyzed: 1/4/2012				
Antimony	85	2.0	125	ND	67.8	44 - 105	2.10	20	
Arsenic	100	1.0	125	10	74.3	57 - 103	3.15	20	
Barium	280	1.0	125	260	14.1	36 - 134	1.23	20	M1
Beryllium	100	1.0	125	0.57	79.1	64 - 106	1.89	20	
Cadmium	88	1.0	125	ND	70.7	58 - 102	2.46	20	
Chromium	120	1.0	125	22	77.3	55 - 105	2.11	20	
Cobalt	110	1.0	125	12	76.9	59 - 105	0.948	20	
Copper	140	2.0	125	32	83.5	64 - 117	0.0631	20	
Lead	110	1.0	125	13	76.8	46 - 116	3.97	20	
Molybdenum	98	1.0	125	ND	78.1	59 - 108	2.88	20	
Nickel	130	1.0	125	31	75.9	52 - 109	1.33	20	
Selenium	93	1.0	125	ND	74.7	56 - 100	5.00	20	
Silver	100	1.0	125	0.11	79.8	65 - 107	2.08	20	
Thallium	97	1.0	125	0.14	77.8	47 - 100	1.62	20	
Vanadium	130	1.0	125	32	78.7	64 - 110	1.35	20	
Zinc	140	1.0	125	48	72.4	37 - 123	1.28	20	
Batch B2A0023 - EPA 3050B									
Blank (B2A0023-BLK1)					Prepared: 1/3/2012 Analyzed: 1/4/2012				
Antimony	ND	2.0			NR				
Arsenic	ND	1.0			NR				
Barium	ND	1.0			NR				
Beryllium	ND	1.0			NR				
Cadmium	ND	1.0			NR				
Chromium	ND	1.0			NR				
Cobalt	ND	1.0			NR				
Copper	ND	2.0			NR				
Lead	ND	1.0			NR				
Molybdenum	ND	1.0			NR				
Nickel	ND	1.0			NR				
Selenium	ND	1.0			NR				
Silver	ND	1.0			NR				
Thallium	ND	1.0			NR				
Vanadium	ND	1.0			NR				
Zinc	ND	1.0			NR				

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Total Metals by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0023 - EPA 3050B (continued)									
Blank (B2A0023-BLK1) - Continued					Prepared: 1/3/2012 Analyzed: 1/4/2012				
LCS (B2A0023-BS1)					Prepared: 1/3/2012 Analyzed: 1/4/2012				
Antimony	46	2.0	50.0		91.7	80 - 120			
Arsenic	44	1.0	50.0		88.2	80 - 120			
Barium	45	1.0	50.0		90.6	80 - 120			
Beryllium	47	1.0	50.0		94.0	80 - 120			
Cadmium	44	1.0	50.0		87.2	80 - 120			
Chromium	45	1.0	50.0		90.4	80 - 120			
Cobalt	46	1.0	50.0		91.7	80 - 120			
Copper	46	2.0	50.0		92.5	80 - 120			
Lead	48	1.0	50.0		95.1	80 - 120			
Molybdenum	49	1.0	50.0		97.4	80 - 120			
Nickel	45	1.0	50.0		90.1	80 - 120			
Selenium	44	1.0	50.0		88.1	80 - 120			
Silver	47	1.0	50.0		93.2	80 - 120			
Thallium	49	1.0	50.0		97.6	80 - 120			
Vanadium	47	1.0	50.0		93.6	80 - 120			
Zinc	45	1.0	50.0		90.3	80 - 120			
Duplicate (B2A0023-DUP1)		**Source: 1100837-CI**			Prepared: 1/3/2012 Analyzed: 1/4/2012				
Antimony	ND	2.0		ND	NR			20	
Arsenic	0.32	1.0		0.12	NR		94.4	20	R
Barium	13	1.0		17	NR		27.8	20	R
Beryllium	ND	1.0		ND	NR			20	
Cadmium	ND	1.0		ND	NR			20	
Chromium	39	1.0		36	NR		7.50	20	
Cobalt	14	1.0		14	NR		1.59	20	
Copper	29	2.0		34	NR		16.1	20	
Lead	ND	1.0		0.46	NR			20	
Molybdenum	ND	1.0		ND	NR			20	
Nickel	46	1.0		48	NR		2.98	20	
Selenium	ND	1.0		ND	NR			20	
Silver	0.06	1.0		ND	NR			20	
Thallium	ND	1.0		ND	NR			20	
Vanadium	50	1.0		59	NR		17.7	20	
Zinc	20	1.0		22	NR		6.23	20	
Matrix Spike (B2A0023-MS1)		**Source: 1100837-CI**			Prepared: 1/3/2012 Analyzed: 1/4/2012				
Antimony	100	2.0	125	ND	82.1	44 - 105			
Arsenic	110	1.0	125	0.12	85.5	57 - 103			
Barium	110	1.0	125	17	77.9	36 - 134			
Beryllium	110	1.0	125	ND	89.1	64 - 106			
Cadmium	98	1.0	125	ND	78.5	58 - 102			
Chromium	130	1.0	125	36	71.0	55 - 105			

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Total Metals by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0023 - EPA 3050B (continued)									
Matrix Spike (B2A0023-MS1) - Continued		**Source: 1100837-CI**			Prepared: 1/3/2012 Analyzed: 1/4/2012				
Cobalt	110	1.0	125	14	79.0	59 - 105			
Copper	140	2.0	125	34	83.5	64 - 117			
Lead	110	1.0	125	0.46	86.1	46 - 116			
Molybdenum	110	1.0	125	ND	89.5	59 - 108			
Nickel	120	1.0	125	48	60.0	52 - 109			
Selenium	110	1.0	125	ND	87.1	56 - 100			
Silver	110	1.0	125	ND	90.2	65 - 107			
Thallium	110	1.0	125	ND	86.1	47 - 100			
Vanadium	160	1.0	125	59	81.5	64 - 110			
Zinc	110	1.0	125	22	73.8	37 - 123			
Matrix Spike Dup (B2A0023-MSD1)		**Source: 1100837-CI**			Prepared: 1/3/2012 Analyzed: 1/4/2012				
Antimony	93	2.0	125	ND	74.2	44 - 105	10.2	20	
Arsenic	100	1.0	125	0.12	81.1	57 - 103	5.29	20	
Barium	110	1.0	125	17	77.9	36 - 134	0.0251	20	
Beryllium	110	1.0	125	ND	84.9	64 - 106	4.85	20	
Cadmium	94	1.0	125	ND	74.8	58 - 102	4.78	20	
Chromium	150	1.0	125	36	88.7	55 - 105	16.3	20	
Cobalt	110	1.0	125	14	76.4	59 - 105	2.92	20	
Copper	130	2.0	125	34	80.7	64 - 117	2.51	20	
Lead	100	1.0	125	0.46	79.7	46 - 116	7.73	20	
Molybdenum	100	1.0	125	ND	83.1	59 - 108	7.37	20	
Nickel	140	1.0	125	48	71.6	52 - 109	11.2	20	
Selenium	100	1.0	125	ND	82.4	56 - 100	5.48	20	
Silver	110	1.0	125	ND	87.5	65 - 107	3.11	20	
Thallium	100	1.0	125	ND	80.5	47 - 100	6.70	20	
Vanadium	160	1.0	125	59	82.2	64 - 110	0.576	20	
Zinc	120	1.0	125	22	76.7	37 - 123	3.07	20	
Batch B2A0024 - EPA 3050B									
Blank (B2A0024-BLK1)					Prepared: 1/3/2012 Analyzed: 1/4/2012				
Antimony	ND	2.0			NR				
Arsenic	ND	1.0			NR				
Barium	ND	1.0			NR				
Beryllium	ND	1.0			NR				
Cadmium	ND	1.0			NR				
Chromium	ND	1.0			NR				
Cobalt	ND	1.0			NR				
Copper	ND	2.0			NR				
Lead	ND	1.0			NR				
Molybdenum	ND	1.0			NR				
Nickel	ND	1.0			NR				
Selenium	ND	1.0			NR				

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Total Metals by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0024 - EPA 3050B (continued)									
Blank (B2A0024-BLK1) - Continued					Prepared: 1/3/2012 Analyzed: 1/4/2012				
Silver	ND	1.0			NR				
Thallium	ND	1.0			NR				
Vanadium	ND	1.0			NR				
Zinc	ND	1.0			NR				
LCS (B2A0024-BS1)					Prepared: 1/3/2012 Analyzed: 1/4/2012				
Antimony	47	2.0	50.0		94.5	80 - 120			
Arsenic	46	1.0	50.0		91.1	80 - 120			
Barium	47	1.0	50.0		94.8	80 - 120			
Beryllium	49	1.0	50.0		98.5	80 - 120			
Cadmium	45	1.0	50.0		90.8	80 - 120			
Chromium	47	1.0	50.0		93.7	80 - 120			
Cobalt	47	1.0	50.0		94.1	80 - 120			
Copper	49	2.0	50.0		97.6	80 - 120			
Lead	49	1.0	50.0		98.2	80 - 120			
Molybdenum	50	1.0	50.0		101	80 - 120			
Nickel	46	1.0	50.0		92.4	80 - 120			
Selenium	45	1.0	50.0		90.8	80 - 120			
Silver	47	1.0	50.0		93.3	80 - 120			
Thallium	50	1.0	50.0		101	80 - 120			
Vanadium	49	1.0	50.0		98.5	80 - 120			
Zinc	46	1.0	50.0		92.8	80 - 120			
Duplicate (B2A0024-DUP1)		**Source: 1100837-CS**			Prepared: 1/3/2012 Analyzed: 1/4/2012				
Antimony	ND	2.0		ND	NR			20	
Arsenic	14	1.0		11	NR		18.8	20	
Barium	260	1.0		220	NR		16.3	20	
Beryllium	0.57	1.0		0.35	NR		48.7	20	R
Cadmium	ND	1.0		ND	NR			20	
Chromium	36	1.0		34	NR		7.32	20	
Cobalt	21	1.0		22	NR		8.05	20	
Copper	43	2.0		40	NR		6.24	20	
Lead	15	1.0		14	NR		8.82	20	
Molybdenum	ND	1.0		ND	NR			20	
Nickel	55	1.0		55	NR		0.385	20	
Selenium	ND	1.0		ND	NR			20	
Silver	0.27	1.0		0.19	NR		33.9	20	R
Thallium	ND	1.0		ND	NR			20	
Vanadium	50	1.0		51	NR		2.10	20	
Zinc	59	1.0		61	NR		3.66	20	
Matrix Spike (B2A0024-MS1)		**Source: 1100837-CS**			Prepared: 1/3/2012 Analyzed: 1/4/2012				
Antimony	89	2.0	125	ND	71.3	44 - 105			
Arsenic	110	1.0	125	11	76.0	57 - 103			

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Total Metals by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0024 - EPA 3050B (continued)									
Matrix Spike (B2A0024-MS1) - Continued		**Source: 1100837-CS**			Prepared: 1/3/2012 Analyzed: 1/4/2012				
Barium	290	1.0	125	220	57.8	36 - 134			
Beryllium	99	1.0	125	0.35	78.9	64 - 106			
Cadmium	90	1.0	125	ND	72.2	58 - 102			
Chromium	120	1.0	125	34	73.2	55 - 105			
Cobalt	110	1.0	125	22	72.1	59 - 105			
Copper	140	2.0	125	40	81.1	64 - 117			
Lead	110	1.0	125	14	77.7	46 - 116			
Molybdenum	99	1.0	125	ND	79.6	59 - 108			
Nickel	140	1.0	125	55	71.7	52 - 109			
Selenium	97	1.0	125	ND	77.7	56 - 100			
Silver	100	1.0	125	0.19	82.6	65 - 107			
Thallium	100	1.0	125	ND	79.8	47 - 100			
Vanadium	140	1.0	125	51	74.0	64 - 110			
Zinc	150	1.0	125	61	68.7	37 - 123			
Matrix Spike Dup (B2A0024-MSD1)		**Source: 1100837-CS**			Prepared: 1/3/2012 Analyzed: 1/4/2012				
Antimony	92	2.0	125	ND	73.7	44 - 105	3.30	20	
Arsenic	110	1.0	125	11	77.2	57 - 103	1.44	20	
Barium	250	1.0	125	220	29.3	36 - 134	13.1	20	M1
Beryllium	100	1.0	125	0.35	82.4	64 - 106	4.32	20	
Cadmium	91	1.0	125	ND	73.1	58 - 102	1.27	20	
Chromium	130	1.0	125	34	75.2	55 - 105	1.98	20	
Cobalt	110	1.0	125	22	70.8	59 - 105	1.42	20	
Copper	140	2.0	125	40	81.6	64 - 117	0.394	20	
Lead	110	1.0	125	14	80.6	46 - 116	3.22	20	
Molybdenum	100	1.0	125	ND	81.4	59 - 108	2.35	20	
Nickel	140	1.0	125	55	67.0	52 - 109	4.15	20	
Selenium	98	1.0	125	ND	78.8	56 - 100	1.38	20	
Silver	100	1.0	125	0.19	83.4	65 - 107	1.02	20	
Thallium	100	1.0	125	ND	80.2	47 - 100	0.456	20	
Vanadium	140	1.0	125	51	72.9	64 - 110	0.892	20	
Zinc	150	1.0	125	61	68.6	37 - 123	0.0418	20	
Batch B2A0025 - EPA 3050B									
Blank (B2A0025-BLK1)					Prepared: 1/3/2012 Analyzed: 1/4/2012				
Antimony	ND	2.0			NR				
Arsenic	ND	1.0			NR				
Barium	ND	1.0			NR				
Beryllium	ND	1.0			NR				
Cadmium	ND	1.0			NR				
Chromium	ND	1.0			NR				
Cobalt	ND	1.0			NR				
Copper	ND	2.0			NR				

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Total Metals by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0025 - EPA 3050B (continued)									
Blank (B2A0025-BLK1) - Continued					Prepared: 1/3/2012 Analyzed: 1/4/2012				
Lead	ND	1.0			NR				
Molybdenum	ND	1.0			NR				
Nickel	ND	1.0			NR				
Selenium	ND	1.0			NR				
Silver	ND	1.0			NR				
Thallium	ND	1.0			NR				
Vanadium	ND	1.0			NR				
Zinc	ND	1.0			NR				
LCS (B2A0025-BS1)					Prepared: 1/3/2012 Analyzed: 1/4/2012				
Antimony	43	2.0	50.0		86.3	80 - 120			
Arsenic	43	1.0	50.0		86.3	80 - 120			
Barium	47	1.0	50.0		93.9	80 - 120			
Beryllium	47	1.0	50.0		94.8	80 - 120			
Cadmium	45	1.0	50.0		89.3	80 - 120			
Chromium	46	1.0	50.0		92.9	80 - 120			
Cobalt	46	1.0	50.0		91.3	80 - 120			
Copper	47	2.0	50.0		94.2	80 - 120			
Lead	46	1.0	50.0		93.0	80 - 120			
Molybdenum	47	1.0	50.0		94.3	80 - 120			
Nickel	45	1.0	50.0		89.3	80 - 120			
Selenium	42	1.0	50.0		83.6	80 - 120			
Silver	45	1.0	50.0		89.7	80 - 120			
Thallium	46	1.0	50.0		92.7	80 - 120			
Vanadium	47	1.0	50.0		94.6	80 - 120			
Zinc	45	1.0	50.0		89.7	80 - 120			
Duplicate (B2A0025-DUP1)		**Source: 1100837-DC**			Prepared: 1/3/2012 Analyzed: 1/4/2012				
Antimony	0.72	2.0		1.0	NR		33.2	20	R
Arsenic	8.1	1.0		8.1	NR		0.571	20	
Barium	130	1.0		100	NR		20.9	20	R
Beryllium	0.36	1.0		0.28	NR		24.9	20	R
Cadmium	0.88	1.0		0.83	NR		5.86	20	
Chromium	32	1.0		31	NR		0.435	20	
Cobalt	15	1.0		14	NR		4.64	20	
Copper	45	2.0		44	NR		2.82	20	
Lead	19	1.0		15	NR		21.6	20	R
Molybdenum	ND	1.0		ND	NR			20	
Nickel	38	1.0		35	NR		7.05	20	
Selenium	ND	1.0		ND	NR			20	
Silver	ND	1.0		ND	NR			20	
Thallium	ND	1.0		ND	NR			20	
Vanadium	41	1.0		43	NR		4.45	20	

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Total Metals by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0025 - EPA 3050B (continued)									
Duplicate (B2A0025-DUP1) - Continued		**Source: 1100837-DC**			Prepared: 1/3/2012 Analyzed: 1/4/2012				
Zinc	64	1.0		60	NR		7.21	20	
Matrix Spike (B2A0025-MS1)		**Source: 1100837-DC**			Prepared: 1/3/2012 Analyzed: 1/4/2012				
Antimony	83	2.0	125	1.0	65.7	44 - 105			
Arsenic	98	1.0	125	8.1	72.2	57 - 103			
Barium	190	1.0	125	100	74.2	36 - 134			
Beryllium	98	1.0	125	0.28	78.2	64 - 106			
Cadmium	89	1.0	125	0.83	70.9	58 - 102			
Chromium	130	1.0	125	31	82.5	55 - 105			
Cobalt	110	1.0	125	14	74.3	59 - 105			
Copper	160	2.0	125	44	89.1	64 - 117			
Lead	110	1.0	125	15	76.2	46 - 116			
Molybdenum	92	1.0	125	ND	73.8	59 - 108			
Nickel	130	1.0	125	35	76.1	52 - 109			
Selenium	78	1.0	125	ND	62.4	56 - 100			
Silver	97	1.0	125	ND	77.9	65 - 107			
Thallium	86	1.0	125	ND	69.0	47 - 100			
Vanadium	150	1.0	125	43	83.0	64 - 110			
Zinc	150	1.0	125	60	73.0	37 - 123			
Matrix Spike Dup (B2A0025-MSD1)		**Source: 1100837-DC**			Prepared: 1/3/2012 Analyzed: 1/4/2012				
Antimony	83	2.0	125	1.0	65.6	44 - 105	0.271	20	
Arsenic	96	1.0	125	8.1	70.5	57 - 103	2.15	20	
Barium	180	1.0	125	100	60.7	36 - 134	9.09	20	
Beryllium	96	1.0	125	0.28	77.0	64 - 106	1.57	20	
Cadmium	89	1.0	125	0.83	70.4	58 - 102	0.682	20	
Chromium	130	1.0	125	31	80.5	55 - 105	1.87	20	
Cobalt	110	1.0	125	14	72.6	59 - 105	1.94	20	
Copper	150	2.0	125	44	86.7	64 - 117	1.92	20	
Lead	120	1.0	125	15	80.3	46 - 116	4.52	20	
Molybdenum	92	1.0	125	ND	73.8	59 - 108	0.0368	20	
Nickel	130	1.0	125	35	75.4	52 - 109	0.679	20	
Selenium	78	1.0	125	ND	62.3	56 - 100	0.266	20	
Silver	97	1.0	125	ND	77.5	65 - 107	0.500	20	
Thallium	86	1.0	125	ND	68.7	47 - 100	0.461	20	
Vanadium	150	1.0	125	43	83.6	64 - 110	0.587	20	
Zinc	150	1.0	125	60	70.2	37 - 123	2.35	20	
Batch B2A0026 - EPA 3050B									
Blank (B2A0026-BLK1)					Prepared: 1/3/2012 Analyzed: 1/4/2012				
Antimony	ND	2.0			NR				
Arsenic	ND	1.0			NR				
Barium	ND	1.0			NR				

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Total Metals by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0026 - EPA 3050B (continued)									
Blank (B2A0026-BLK1) - Continued					Prepared: 1/3/2012 Analyzed: 1/4/2012				
Beryllium	ND	1.0			NR				
Cadmium	ND	1.0			NR				
Chromium	ND	1.0			NR				
Cobalt	ND	1.0			NR				
Copper	ND	2.0			NR				
Lead	ND	1.0			NR				
Molybdenum	ND	1.0			NR				
Nickel	ND	1.0			NR				
Selenium	ND	1.0			NR				
Silver	ND	1.0			NR				
Thallium	ND	1.0			NR				
Vanadium	ND	1.0			NR				
Zinc	ND	1.0			NR				
LCS (B2A0026-BS1)					Prepared: 1/3/2012 Analyzed: 1/4/2012				
Antimony	44	2.0	50.0		88.6	80 - 120			
Arsenic	43	1.0	50.0		86.3	80 - 120			
Barium	47	1.0	50.0		94.1	80 - 120			
Beryllium	47	1.0	50.0		94.0	80 - 120			
Cadmium	45	1.0	50.0		89.5	80 - 120			
Chromium	46	1.0	50.0		92.9	80 - 120			
Cobalt	46	1.0	50.0		91.7	80 - 120			
Copper	47	2.0	50.0		94.1	80 - 120			
Lead	47	1.0	50.0		93.3	80 - 120			
Molybdenum	47	1.0	50.0		94.1	80 - 120			
Nickel	45	1.0	50.0		89.4	80 - 120			
Selenium	42	1.0	50.0		83.9	80 - 120			
Silver	45	1.0	50.0		91.0	80 - 120			
Thallium	46	1.0	50.0		92.7	80 - 120			
Vanadium	47	1.0	50.0		94.8	80 - 120			
Zinc	45	1.0	50.0		89.8	80 - 120			
Duplicate (B2A0026-DUP1)		**Source: 1100837-DM**			Prepared: 1/3/2012 Analyzed: 1/4/2012				
Antimony	1.3	2.0		1.4	NR		8.44	20	
Arsenic	11	1.0		11	NR		4.28	20	
Barium	130	1.0		120	NR		6.73	20	
Beryllium	0.32	1.0		0.33	NR		2.47	20	
Cadmium	1.1	1.0		1.1	NR		0.0186	20	
Chromium	49	1.0		49	NR		0.215	20	
Cobalt	18	1.0		17	NR		5.06	20	
Copper	60	2.0		60	NR		0.952	20	
Lead	11	1.0		7.8	NR		32.9	20	R
Molybdenum	ND	1.0		ND	NR			20	

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Total Metals by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0026 - EPA 3050B (continued)									
Duplicate (B2A0026-DUP1) - Continued		**Source: 1100837-DM**			Prepared: 1/3/2012 Analyzed: 1/4/2012				
Nickel	64	1.0		65	NR		1.21	20	
Selenium	ND	1.0		ND	NR			20	
Silver	ND	1.0		ND	NR			20	
Thallium	ND	1.0		ND	NR			20	
Vanadium	50	1.0		51	NR		2.36	20	
Zinc	85	1.0		84	NR		1.62	20	
Matrix Spike (B2A0026-MS1)		**Source: 1100837-DM**			Prepared: 1/3/2012 Analyzed: 1/4/2012				
Antimony	96	2.0	125	1.4	76.1	44 - 105			
Arsenic	110	1.0	125	11	79.5	57 - 103			
Barium	220	1.0	125	120	81.5	36 - 134			
Beryllium	110	1.0	125	0.33	86.2	64 - 106			
Cadmium	99	1.0	125	1.1	78.0	58 - 102			
Chromium	160	1.0	125	49	86.5	55 - 105			
Cobalt	120	1.0	125	17	82.4	59 - 105			
Copper	190	2.0	125	60	101	64 - 117			
Lead	110	1.0	125	7.8	81.8	46 - 116			
Molybdenum	100	1.0	125	ND	82.0	59 - 108			
Nickel	170	1.0	125	65	80.8	52 - 109			
Selenium	84	1.0	125	ND	67.6	56 - 100			
Silver	110	1.0	125	ND	85.2	65 - 107			
Thallium	96	1.0	125	ND	77.1	47 - 100			
Vanadium	160	1.0	125	51	89.0	64 - 110			
Zinc	190	1.0	125	84	82.5	37 - 123			
Matrix Spike Dup (B2A0026-MSD1)		**Source: 1100837-DM**			Prepared: 1/3/2012 Analyzed: 1/4/2012				
Antimony	93	2.0	125	1.4	73.3	44 - 105	3.69	20	
Arsenic	110	1.0	125	11	77.6	57 - 103	2.14	20	
Barium	250	1.0	125	120	104	36 - 134	12.1	20	
Beryllium	110	1.0	125	0.33	83.9	64 - 106	2.74	20	
Cadmium	96	1.0	125	1.1	76.1	58 - 102	2.43	20	
Chromium	160	1.0	125	49	85.4	55 - 105	0.914	20	
Cobalt	120	1.0	125	17	81.9	59 - 105	0.584	20	
Copper	180	2.0	125	60	93.8	64 - 117	4.63	20	
Lead	110	1.0	125	7.8	81.8	46 - 116	0.00418	20	
Molybdenum	100	1.0	125	ND	80.5	59 - 108	1.87	20	
Nickel	160	1.0	125	65	77.9	52 - 109	2.17	20	
Selenium	83	1.0	125	ND	66.8	56 - 100	1.18	20	
Silver	100	1.0	125	ND	83.9	65 - 107	1.47	20	
Thallium	94	1.0	125	ND	75.3	47 - 100	2.36	20	
Vanadium	160	1.0	125	51	88.3	64 - 110	0.580	20	
Zinc	180	1.0	125	84	79.3	37 - 123	2.12	20	
Batch B2A0027 - EPA 3050B									

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Total Metals by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B2A0027-BLK1)					Prepared: 1/3/2012 Analyzed: 1/4/2012				
Antimony	ND	2.0			NR				
Arsenic	ND	1.0			NR				
Barium	ND	1.0			NR				
Beryllium	ND	1.0			NR				
Cadmium	ND	1.0			NR				
Chromium	ND	1.0			NR				
Cobalt	ND	1.0			NR				
Copper	ND	2.0			NR				
Lead	ND	1.0			NR				
Molybdenum	ND	1.0			NR				
Nickel	ND	1.0			NR				
Selenium	ND	1.0			NR				
Silver	ND	1.0			NR				
Thallium	ND	1.0			NR				
Vanadium	ND	1.0			NR				
Zinc	ND	1.0			NR				
LCS (B2A0027-BS1)					Prepared: 1/3/2012 Analyzed: 1/4/2012				
Antimony	47	2.0	50.0		93.4	80 - 120			
Arsenic	46	1.0	50.0		92.7	80 - 120			
Barium	50	1.0	50.0		101	80 - 120			
Beryllium	51	1.0	50.0		101	80 - 120			
Cadmium	48	1.0	50.0		96.4	80 - 120			
Chromium	50	1.0	50.0		100	80 - 120			
Cobalt	50	1.0	50.0		99.3	80 - 120			
Copper	51	2.0	50.0		101	80 - 120			
Lead	50	1.0	50.0		100	80 - 120			
Molybdenum	51	1.0	50.0		101	80 - 120			
Nickel	48	1.0	50.0		96.3	80 - 120			
Selenium	45	1.0	50.0		90.0	80 - 120			
Silver	48	1.0	50.0		95.7	80 - 120			
Thallium	50	1.0	50.0		99.2	80 - 120			
Vanadium	51	1.0	50.0		103	80 - 120			
Zinc	48	1.0	50.0		96.8	80 - 120			
Duplicate (B2A0027-DUP1)		**Source: 1100837-DO**			Prepared: 1/3/2012 Analyzed: 1/4/2012				
Antimony	ND	40		ND	NR			20	
Arsenic	2.6	20		2.0	NR		26.6	20	R
Barium	61	20		84	NR		31.9	20	R
Beryllium	ND	20		ND	NR			20	
Cadmium	0.97	20		1.1	NR		11.7	20	
Chromium	25	20		15	NR		49.7	20	R
Cobalt	5.9	20		5.7	NR		4.75	20	
Copper	11	40		7.8	NR		35.2	20	R
Lead	21	20		20	NR		3.69	20	

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Total Metals by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0027 - EPA 3050B (continued)									
Duplicate (B2A0027-DUP1) - Continued		**Source: 1100837-DO**			Prepared: 1/3/2012 Analyzed: 1/4/2012				
Molybdenum	ND	20		ND	NR			20	
Nickel	36	20		17	NR		71.0	20	R
Selenium	ND	20		ND	NR			20	
Silver	ND	20		ND	NR			20	
Thallium	ND	20		ND	NR			20	
Vanadium	26	20		25	NR		2.12	20	
Zinc	50	20		47	NR		7.59	20	
Matrix Spike (B2A0027-MS1)		**Source: 1100837-DO**			Prepared: 1/3/2012 Analyzed: 1/4/2012				
Antimony	100	100	125	ND	83.7	44 - 105			
Arsenic	110	50	125	2.0	86.8	57 - 103			
Barium	230	50	125	84	120	36 - 134			
Beryllium	120	50	125	ND	92.8	64 - 106			
Cadmium	120	50	125	1.1	94.6	58 - 102			
Chromium	130	50	125	15	95.1	55 - 105			
Cobalt	130	50	125	5.7	98.1	59 - 105			
Copper	120	100	125	7.8	87.6	64 - 117			
Lead	150	50	125	20	100	46 - 116			
Molybdenum	110	50	125	ND	88.7	59 - 108			
Nickel	130	50	125	17	93.1	52 - 109			
Selenium	100	50	125	ND	82.9	56 - 100			
Silver	110	50	125	ND	91.1	65 - 107			
Thallium	120	50	125	ND	94.1	47 - 100			
Vanadium	140	50	125	25	92.4	64 - 110			
Zinc	170	50	125	47	100	37 - 123			
Matrix Spike Dup (B2A0027-MSD1)		**Source: 1100837-DO**			Prepared: 1/3/2012 Analyzed: 1/4/2012				
Antimony	100	100	125	ND	80.7	44 - 105	3.70	20	
Arsenic	110	50	125	2.0	85.8	57 - 103	1.18	20	
Barium	190	50	125	84	86.6	36 - 134	19.5	20	
Beryllium	110	50	125	ND	91.8	64 - 106	1.03	20	
Cadmium	120	50	125	1.1	92.7	58 - 102	1.97	20	
Chromium	140	50	125	15	97.6	55 - 105	2.32	20	
Cobalt	130	50	125	5.7	96.3	59 - 105	1.78	20	
Copper	120	100	125	7.8	88.0	64 - 117	0.462	20	
Lead	150	50	125	20	105	46 - 116	3.55	20	
Molybdenum	110	50	125	ND	87.2	59 - 108	1.75	20	
Nickel	140	50	125	17	95.1	52 - 109	1.86	20	
Selenium	98	50	125	ND	78.4	56 - 100	5.58	20	
Silver	110	50	125	ND	89.8	65 - 107	1.42	20	
Thallium	110	50	125	ND	91.7	47 - 100	2.51	20	
Vanadium	140	50	125	25	93.7	64 - 110	1.14	20	
Zinc	170	50	125	47	100	37 - 123	0.116	20	

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Total Metals by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/L)	PQL (mg/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch S2A0016 - B2A0015									
Instrument Blank (S2A0016-IBL1)					Prepared: 1/3/2012 Analyzed: 1/3/2012				
Antimony	ND	2.0			NR				
Arsenic	ND	1.0			NR				
Barium	ND	1.0			NR				
Beryllium	ND	1.0			NR				
Cadmium	ND	1.0			NR				
Chromium	ND	1.0			NR				
Cobalt	ND	1.0			NR				
Copper	ND	2.0			NR				
Lead	ND	1.0			NR				
Molybdenum	ND	1.0			NR				
Nickel	ND	1.0			NR				
Selenium	ND	1.0			NR				
Silver	ND	1.0			NR				
Thallium	ND	1.0			NR				
Vanadium	ND	1.0			NR				
Zinc	ND	1.0			NR				
Batch S2A0033 - B1L1007									
Instrument Blank (S2A0033-IBL1)					Prepared: 1/4/2012 Analyzed: 1/4/2012				
Antimony	ND	2.0			NR				
Arsenic	ND	1.0			NR				
Barium	ND	1.0			NR				
Beryllium	ND	1.0			NR				
Cadmium	ND	1.0			NR				
Chromium	ND	1.0			NR				
Cobalt	ND	1.0			NR				
Copper	ND	2.0			NR				
Lead	ND	1.0			NR				
Molybdenum	ND	1.0			NR				
Nickel	ND	1.0			NR				
Selenium	ND	1.0			NR				
Silver	ND	1.0			NR				
Thallium	ND	1.0			NR				
Vanadium	ND	1.0			NR				
Zinc	ND	1.0			NR				

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Hexavalent Chromium by EPA 7196A/3060A - Quality Control

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0117 - Prep_WC_3_S									
Blank (B2A0117-BLK1)					Prepared: 1/3/2012 Analyzed: 1/4/2012				
Hexavalent Chromium	ND	1.0			NR				
LCS (B2A0117-BS1)					Prepared: 1/3/2012 Analyzed: 1/4/2012				
Hexavalent Chromium	45	1.0	50.0		90	80 - 120			
Duplicate (B2A0117-DUP1)		**Source: 1100842-70**			Prepared: 1/3/2012 Analyzed: 1/4/2012				
Hexavalent Chromium	ND	1.0		ND	NR			20	
Matrix Spike (B2A0117-MS1)		**Source: 1100842-70**			Prepared: 1/3/2012 Analyzed: 1/4/2012				
Hexavalent Chromium	36	1.0	50.0	ND	72	75 - 125			M2
Matrix Spike (B2A0117-MS2)		**Source: 1100842-70**			Prepared: 1/3/2012 Analyzed: 1/4/2012				
Hexavalent Chromium	1500	50	1610	ND	93	75 - 125			
Matrix Spike Dup (B2A0117-MSD1)		**Source: 1100842-70**			Prepared: 1/3/2012 Analyzed: 1/4/2012				
Hexavalent Chromium	36	1.0	50.0	ND	71	75 - 125	1	20	M2

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Mercury by AA (Cold Vapor) EPA 7471 - Quality Control

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0028 - EPA 7471									
Blank (B2A0028-BLK1)					Prepared: 1/3/2012 Analyzed: 1/3/2012				
Mercury	ND	0.10			NR				
LCS (B2A0028-BS1)					Prepared: 1/3/2012 Analyzed: 1/3/2012				
Mercury	0.85	0.10	0.833		102	80 - 120			
Duplicate (B2A0028-DUP1)		**Source: 1100837-10**			Prepared: 1/3/2012 Analyzed: 1/3/2012				
Mercury	1.2	0.10		1.3	NR		6.38	20	
Matrix Spike (B2A0028-MS1)		**Source: 1100837-10**			Prepared: 1/3/2012 Analyzed: 1/3/2012				
Mercury	1.8	0.10	0.833	1.3	68.4	70 - 130			M1
Matrix Spike Dup (B2A0028-MSD1)		**Source: 1100837-10**			Prepared: 1/3/2012 Analyzed: 1/3/2012				
Mercury	1.7	0.10	0.833	1.3	47.9	70 - 130	9.73	20	M1
Batch B2A0029 - EPA 7471									
Blank (B2A0029-BLK1)					Prepared: 1/3/2012 Analyzed: 1/3/2012				
Mercury	ND	0.10			NR				
LCS (B2A0029-BS1)					Prepared: 1/3/2012 Analyzed: 1/3/2012				
Mercury	0.88	0.10	0.833		106	80 - 120			
Duplicate (B2A0029-DUP1)		**Source: 1100837-20**			Prepared: 1/3/2012 Analyzed: 1/3/2012				
Mercury	1.1	0.10		1.0	NR		0.192	20	
Matrix Spike (B2A0029-MS1)		**Source: 1100837-20**			Prepared: 1/3/2012 Analyzed: 1/3/2012				
Mercury	1.6	0.10	0.833	1.0	68.0	70 - 130			M1
Matrix Spike Dup (B2A0029-MSD1)		**Source: 1100837-20**			Prepared: 1/3/2012 Analyzed: 1/3/2012				
Mercury	1.6	0.10	0.833	1.0	67.6	70 - 130	0.245	20	M1
Batch B2A0030 - EPA 7471									
Blank (B2A0030-BLK1)					Prepared: 1/3/2012 Analyzed: 1/3/2012				
Mercury	ND	0.10			NR				
LCS (B2A0030-BS1)					Prepared: 1/3/2012 Analyzed: 1/3/2012				
Mercury	0.91	0.10	0.833		109	80 - 120			
Duplicate (B2A0030-DUP1)		**Source: 1100837-30**			Prepared: 1/3/2012 Analyzed: 1/4/2012				
Mercury	2.8	0.20		2.7	NR		0.922	20	
Matrix Spike (B2A0030-MS1)		**Source: 1100837-30**			Prepared: 1/3/2012 Analyzed: 1/4/2012				
Mercury	3.6	0.40	0.833	2.7	99.0	70 - 130			
Matrix Spike Dup (B2A0030-MSD1)		**Source: 1100837-30**			Prepared: 1/3/2012 Analyzed: 1/4/2012				

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Mercury by AA (Cold Vapor) EPA 7471 - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0030 - EPA 7471 (continued)									
Matrix Spike Dup (B2A0030-MSD1) - Continued		**Source: 1100837-30**			Prepared: 1/3/2012 Analyzed: 1/4/2012				
Mercury	3.6	0.40	0.833	2.7	103	70 - 130	0.859	20	
Batch B2A0031 - EPA 7471									
Blank (B2A0031-BLK1)					Prepared: 1/3/2012 Analyzed: 1/3/2012				
Mercury	ND	0.10			NR				
LCS (B2A0031-BS1)					Prepared: 1/3/2012 Analyzed: 1/3/2012				
Mercury	0.95	0.10	0.833		114	80 - 120			
Duplicate (B2A0031-DUP1)		**Source: 1100837-40**			Prepared: 1/3/2012 Analyzed: 1/4/2012				
Mercury	2.3	0.20		2.3	NR		0.630	20	
Matrix Spike (B2A0031-MS1)		**Source: 1100837-40**			Prepared: 1/3/2012 Analyzed: 1/4/2012				
Mercury	3.6	0.40	0.833	2.3	154	70 - 130			M1
Matrix Spike Dup (B2A0031-MSD1)		**Source: 1100837-40**			Prepared: 1/3/2012 Analyzed: 1/4/2012				
Mercury	3.6	0.40	0.833	2.3	151	70 - 130	0.897	20	M1
Batch B2A0032 - EPA 7471									
Blank (B2A0032-BLK1)					Prepared: 1/3/2012 Analyzed: 1/4/2012				
Mercury	ND	0.10			NR				
LCS (B2A0032-BS1)					Prepared: 1/3/2012 Analyzed: 1/4/2012				
Mercury	0.85	0.10	0.833		102	80 - 120			
Duplicate (B2A0032-DUP1)		**Source: 1100837-50**			Prepared: 1/3/2012 Analyzed: 1/4/2012				
Mercury	0.05	0.10		0.05	NR		5.03	20	
Matrix Spike (B2A0032-MS1)		**Source: 1100837-50**			Prepared: 1/3/2012 Analyzed: 1/4/2012				
Mercury	0.90	0.10	0.833	0.05	102	70 - 130			
Matrix Spike Dup (B2A0032-MSD1)		**Source: 1100837-50**			Prepared: 1/3/2012 Analyzed: 1/4/2012				
Mercury	0.92	0.10	0.833	0.05	103	70 - 130	1.28	20	
Batch B2A0033 - EPA 7471									
Blank (B2A0033-BLK1)					Prepared: 1/3/2012 Analyzed: 1/3/2012				
Mercury	ND	0.10			NR				
LCS (B2A0033-BS1)					Prepared: 1/3/2012 Analyzed: 1/3/2012				
Mercury	0.84	0.10	0.833		100	80 - 120			
Duplicate (B2A0033-DUP1)		**Source: 1100837-60**			Prepared: 1/3/2012 Analyzed: 1/3/2012				
Mercury	0.07	0.10		0.07	NR		0.134	20	

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Mercury by AA (Cold Vapor) EPA 7471 - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0033 - EPA 7471 (continued)									
Matrix Spike (B2A0033-MS1)		**Source: 1100837-60**			Prepared: 1/3/2012 Analyzed: 1/3/2012				
Mercury	0.89	0.10	0.833	0.07	97.6	70 - 130			
Matrix Spike Dup (B2A0033-MSD1)		**Source: 1100837-60**			Prepared: 1/3/2012 Analyzed: 1/3/2012				
Mercury	0.89	0.10	0.833	0.07	97.4	70 - 130	0.142	20	
Batch B2A0034 - EPA 7471									
Blank (B2A0034-BLK1)					Prepared: 1/3/2012 Analyzed: 1/3/2012				
Mercury	ND	0.10			NR				
LCS (B2A0034-BS1)					Prepared: 1/3/2012 Analyzed: 1/3/2012				
Mercury	0.75	0.10	0.833		90.4	80 - 120			
Duplicate (B2A0034-DUP1)		**Source: 1100837-70**			Prepared: 1/3/2012 Analyzed: 1/3/2012				
Mercury	0.05	0.10		0.05	NR		2.15	20	
Matrix Spike (B2A0034-MS1)		**Source: 1100837-70**			Prepared: 1/3/2012 Analyzed: 1/3/2012				
Mercury	0.99	0.10	0.833	0.05	113	70 - 130			
Matrix Spike Dup (B2A0034-MSD1)		**Source: 1100837-70**			Prepared: 1/3/2012 Analyzed: 1/3/2012				
Mercury	0.99	0.10	0.833	0.05	112	70 - 130	0.744	20	
Batch B2A0035 - EPA 7471									
Blank (B2A0035-BLK1)					Prepared: 1/3/2012 Analyzed: 1/3/2012				
Mercury	ND	0.10			NR				
LCS (B2A0035-BS1)					Prepared: 1/3/2012 Analyzed: 1/3/2012				
Mercury	0.79	0.10	0.833		94.9	80 - 120			
Duplicate (B2A0035-DUP1)		**Source: 1100837-80**			Prepared: 1/3/2012 Analyzed: 1/3/2012				
Mercury	0.07	0.10		0.07	NR		0.481	20	
Matrix Spike (B2A0035-MS1)		**Source: 1100837-80**			Prepared: 1/3/2012 Analyzed: 1/3/2012				
Mercury	0.95	0.10	0.833	0.07	106	70 - 130			
Matrix Spike Dup (B2A0035-MSD1)		**Source: 1100837-80**			Prepared: 1/3/2012 Analyzed: 1/3/2012				
Mercury	0.94	0.10	0.833	0.07	105	70 - 130	0.827	20	
Batch B2A0036 - EPA 7471									
Blank (B2A0036-BLK1)					Prepared: 1/3/2012 Analyzed: 1/3/2012				
Mercury	ND	0.10			NR				
LCS (B2A0036-BS1)					Prepared: 1/3/2012 Analyzed: 1/3/2012				
Mercury	0.77	0.10	0.833		92.9	80 - 120			

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Mercury by AA (Cold Vapor) EPA 7471 - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0036 - EPA 7471 (continued)									
Duplicate (B2A0036-DUP1)		**Source: 1100837-90**			Prepared: 1/3/2012 Analyzed: 1/3/2012				
Mercury	0.45	0.10		0.44	NR		0.919	20	
Matrix Spike (B2A0036-MS1)		**Source: 1100837-90**			Prepared: 1/3/2012 Analyzed: 1/3/2012				
Mercury	1.4	0.10	0.833	0.44	116	70 - 130			
Matrix Spike Dup (B2A0036-MSD1)		**Source: 1100837-90**			Prepared: 1/3/2012 Analyzed: 1/3/2012				
Mercury	1.4	0.10	0.833	0.44	115	70 - 130	0.406	20	
Batch B2A0037 - EPA 7471									
Blank (B2A0037-BLK1)					Prepared: 1/3/2012 Analyzed: 1/4/2012				
Mercury	ND	0.10			NR				
LCS (B2A0037-BS1)					Prepared: 1/3/2012 Analyzed: 1/4/2012				
Mercury	0.85	0.10	0.833		102	80 - 120			
Duplicate (B2A0037-DUP1)		**Source: 1100837-AA**			Prepared: 1/3/2012 Analyzed: 1/4/2012				
Mercury	0.08	0.10		0.08	NR		0.0957	20	
Matrix Spike (B2A0037-MS1)		**Source: 1100837-AA**			Prepared: 1/3/2012 Analyzed: 1/4/2012				
Mercury	0.96	0.10	0.833	0.08	105	70 - 130			
Matrix Spike Dup (B2A0037-MSD1)		**Source: 1100837-AA**			Prepared: 1/3/2012 Analyzed: 1/4/2012				
Mercury	0.95	0.10	0.833	0.08	104	70 - 130	0.974	20	
Batch B2A0038 - EPA 7471									
Blank (B2A0038-BLK1)					Prepared: 1/3/2012 Analyzed: 1/4/2012				
Mercury	ND	0.10			NR				
LCS (B2A0038-BS1)					Prepared: 1/3/2012 Analyzed: 1/4/2012				
Mercury	0.90	0.10	0.833		108	80 - 120			
Duplicate (B2A0038-DUP1)		**Source: 1100837-AK**			Prepared: 1/3/2012 Analyzed: 1/4/2012				
Mercury	0.08	0.10		0.07	NR		5.04	20	
Matrix Spike (B2A0038-MS1)		**Source: 1100837-AK**			Prepared: 1/3/2012 Analyzed: 1/4/2012				
Mercury	0.92	0.10	0.833	0.07	102	70 - 130			
Matrix Spike Dup (B2A0038-MSD1)		**Source: 1100837-AK**			Prepared: 1/3/2012 Analyzed: 1/4/2012				
Mercury	0.92	0.10	0.833	0.07	101	70 - 130	0.508	20	
Batch B2A0039 - EPA 7471									
Blank (B2A0039-BLK1)					Prepared: 1/3/2012 Analyzed: 1/4/2012				
Mercury	ND	0.10			NR				

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Mercury by AA (Cold Vapor) EPA 7471 - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0039 - EPA 7471 (continued)									
LCS (B2A0039-BS1)					Prepared: 1/3/2012 Analyzed: 1/4/2012				
Mercury	0.95	0.10	0.833		114	80 - 120			
Duplicate (B2A0039-DUP1)		**Source: 1100837-AU**			Prepared: 1/3/2012 Analyzed: 1/4/2012				
Mercury	0.06	0.10		0.06	NR		1.29	20	
Matrix Spike (B2A0039-MS1)		**Source: 1100837-AU**			Prepared: 1/3/2012 Analyzed: 1/4/2012				
Mercury	1.0	0.10	0.833	0.06	114	70 - 130			
Matrix Spike Dup (B2A0039-MSD1)		**Source: 1100837-AU**			Prepared: 1/3/2012 Analyzed: 1/4/2012				
Mercury	1.0	0.10	0.833	0.06	114	70 - 130	0.0738	20	
Batch B2A0040 - EPA 7471									
Blank (B2A0040-BLK1)					Prepared: 1/3/2012 Analyzed: 1/4/2012				
Mercury	ND	0.10			NR				
LCS (B2A0040-BS1)					Prepared: 1/3/2012 Analyzed: 1/4/2012				
Mercury	0.90	0.10	0.833		108	80 - 120			
Duplicate (B2A0040-DUP1)		**Source: 1100837-BE**			Prepared: 1/3/2012 Analyzed: 1/4/2012				
Mercury	0.16	0.10		0.16	NR		0.925	20	
Matrix Spike (B2A0040-MS1)		**Source: 1100837-BE**			Prepared: 1/3/2012 Analyzed: 1/4/2012				
Mercury	1.2	0.10	0.833	0.16	130	70 - 130			
Matrix Spike Dup (B2A0040-MSD1)		**Source: 1100837-BE**			Prepared: 1/3/2012 Analyzed: 1/4/2012				
Mercury	1.2	0.10	0.833	0.16	130	70 - 130	0.613	20	
Batch B2A0041 - EPA 7471									
Blank (B2A0041-BLK1)					Prepared: 1/3/2012 Analyzed: 1/4/2012				
Mercury	ND	0.10			NR				
LCS (B2A0041-BS1)					Prepared: 1/3/2012 Analyzed: 1/4/2012				
Mercury	0.98	0.10	0.833		118	80 - 120			
Duplicate (B2A0041-DUP1)		**Source: 1100837-BO**			Prepared: 1/3/2012 Analyzed: 1/4/2012				
Mercury	0.13	0.10		0.13	NR		0.123	20	
Matrix Spike (B2A0041-MS1)		**Source: 1100837-BO**			Prepared: 1/3/2012 Analyzed: 1/4/2012				
Mercury	1.1	0.10	0.833	0.13	112	70 - 130			
Matrix Spike Dup (B2A0041-MSD1)		**Source: 1100837-BO**			Prepared: 1/3/2012 Analyzed: 1/4/2012				
Mercury	1.1	0.10	0.833	0.13	113	70 - 130	0.670	20	
Batch B2A0042 - EPA 7471									

Geocon Consultants, Inc.	Project Number : TO-16, E8560-06-16
6671 Brisa Street	Report To : Luann Beadle
Livermore , CA 94550	Reported : 01/04/2012

Mercury by AA (Cold Vapor) EPA 7471 - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0042 - EPA 7471 (continued)									
Blank (B2A0042-BLK1)					Prepared: 1/3/2012 Analyzed: 1/4/2012				
Mercury	ND	0.10			NR				
LCS (B2A0042-BS1)					Prepared: 1/3/2012 Analyzed: 1/4/2012				
Mercury	0.90	0.10	0.833		108	80 - 120			
Duplicate (B2A0042-DUP1)		**Source: 1100837-BY**			Prepared: 1/3/2012 Analyzed: 1/4/2012				
Mercury	0.06	0.10		0.06	NR		1.52	20	
Matrix Spike (B2A0042-MS1)		**Source: 1100837-BY**			Prepared: 1/3/2012 Analyzed: 1/4/2012				
Mercury	1.3	0.10	0.833	0.06	152	70 - 130			M1
Matrix Spike Dup (B2A0042-MSD1)		**Source: 1100837-BY**			Prepared: 1/3/2012 Analyzed: 1/4/2012				
Mercury	1.3	0.10	0.833	0.06	152	70 - 130	0.0605	20	M1
Batch B2A0043 - EPA 7471									
Blank (B2A0043-BLK1)					Prepared: 1/3/2012 Analyzed: 1/4/2012				
Mercury	ND	0.10			NR				
LCS (B2A0043-BS1)					Prepared: 1/3/2012 Analyzed: 1/4/2012				
Mercury	0.96	0.10	0.833		115	80 - 120			
Duplicate (B2A0043-DUP1)		**Source: 1100837-CI**			Prepared: 1/3/2012 Analyzed: 1/4/2012				
Mercury	0.16	0.10		0.16	NR		0.563	20	
Matrix Spike (B2A0043-MS1)		**Source: 1100837-CI**			Prepared: 1/3/2012 Analyzed: 1/4/2012				
Mercury	0.97	0.10	0.833	0.16	97.3	70 - 130			
Matrix Spike Dup (B2A0043-MSD1)		**Source: 1100837-CI**			Prepared: 1/3/2012 Analyzed: 1/4/2012				
Mercury	0.98	0.10	0.833	0.16	97.9	70 - 130	0.505	20	
Batch B2A0044 - EPA 7471									
Blank (B2A0044-BLK1)					Prepared: 1/3/2012 Analyzed: 1/4/2012				
Mercury	ND	0.10			NR				
LCS (B2A0044-BS1)					Prepared: 1/3/2012 Analyzed: 1/4/2012				
Mercury	0.90	0.10	0.833		108	80 - 120			
Duplicate (B2A0044-DUP1)		**Source: 1100837-CS**			Prepared: 1/3/2012 Analyzed: 1/4/2012				
Mercury	0.07	0.10		0.07	NR		2.09	20	
Matrix Spike (B2A0044-MS1)		**Source: 1100837-CS**			Prepared: 1/3/2012 Analyzed: 1/4/2012				
Mercury	0.96	0.10	0.833	0.07	106	70 - 130			
Matrix Spike Dup (B2A0044-MSD1)		**Source: 1100837-CS**			Prepared: 1/3/2012 Analyzed: 1/4/2012				
Mercury	0.96	0.10	0.833	0.07	106	70 - 130	0.139	20	

Geocon Consultants, Inc.	Project Number : TO-16, E8560-06-16
6671 Brisa Street	Report To : Luann Beadle
Livermore , CA 94550	Reported : 01/04/2012

Mercury by AA (Cold Vapor) EPA 7471 - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0044 - EPA 7471 (continued)									
Matrix Spike Dup (B2A0044-MSD1) - Continued		**Source: 1100837-CS**			Prepared: 1/3/2012 Analyzed: 1/4/2012				
Batch B2A0045 - EPA 7471									
Blank (B2A0045-BLK1)					Prepared: 1/3/2012 Analyzed: 1/4/2012				
Mercury	ND	0.10			NR				
LCS (B2A0045-BS1)					Prepared: 1/3/2012 Analyzed: 1/4/2012				
Mercury	0.84	0.10	0.833		101	80 - 120			
Duplicate (B2A0045-DUP1)		**Source: 1100837-DC**			Prepared: 1/3/2012 Analyzed: 1/4/2012				
Mercury	0.04	0.10		0.04	NR		3.26	20	
Matrix Spike (B2A0045-MS1)		**Source: 1100837-DC**			Prepared: 1/3/2012 Analyzed: 1/4/2012				
Mercury	0.96	0.10	0.833	0.04	111	70 - 130			
Matrix Spike Dup (B2A0045-MSD1)		**Source: 1100837-DC**			Prepared: 1/3/2012 Analyzed: 1/4/2012				
Mercury	0.96	0.10	0.833	0.04	110	70 - 130	0.513	20	
Batch B2A0046 - EPA 7471									
Blank (B2A0046-BLK1)					Prepared: 1/3/2012 Analyzed: 1/4/2012				
Mercury	ND	0.10			NR				
LCS (B2A0046-BS1)					Prepared: 1/3/2012 Analyzed: 1/4/2012				
Mercury	0.91	0.10	0.833		109	80 - 120			
Duplicate (B2A0046-DUP1)		**Source: 1100837-DM**			Prepared: 1/3/2012 Analyzed: 1/4/2012				
Mercury	0.06	0.10		0.06	NR		3.16	20	
Matrix Spike (B2A0046-MS1)		**Source: 1100837-DM**			Prepared: 1/3/2012 Analyzed: 1/4/2012				
Mercury	0.95	0.10	0.833	0.06	106	70 - 130			
Matrix Spike Dup (B2A0046-MSD1)		**Source: 1100837-DM**			Prepared: 1/3/2012 Analyzed: 1/4/2012				
Mercury	0.95	0.10	0.833	0.06	106	70 - 130	0.00333	20	
Batch B2A0047 - EPA 7471									
Blank (B2A0047-BLK1)					Prepared: 1/3/2012 Analyzed: 1/4/2012				
Mercury	ND	0.10			NR				
LCS (B2A0047-BS1)					Prepared: 1/3/2012 Analyzed: 1/4/2012				
Mercury	0.91	0.10	0.833		109	80 - 120			
Duplicate (B2A0047-DUP1)		**Source: 1100837-DO**			Prepared: 1/3/2012 Analyzed: 1/4/2012				
Mercury	0.06	0.10		0.07	NR		2.32	20	
Matrix Spike (B2A0047-MS1)		**Source: 1100837-DO**			Prepared: 1/3/2012 Analyzed: 1/4/2012				

Geocon Consultants, Inc.	Project Number : TO-16, E8560-06-16
6671 Brisa Street	Report To : Luann Beadle
Livermore , CA 94550	Reported : 01/04/2012

Mercury by AA (Cold Vapor) EPA 7471 - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0047 - EPA 7471 (continued)									
Mercury	0.93	0.10	0.833	0.07	104	70 - 130			
Matrix Spike Dup (B2A0047-MSD1)		**Source: 1100837-DO**			Prepared: 1/3/2012 Analyzed: 1/4/2012				
Mercury	0.93	0.10	0.833	0.07	103	70 - 130	0.606	20	
Batch S2A0027 - B2A0030									
Instrument Blank (S2A0027-IBL1)					Prepared: 1/4/2012 Analyzed: 1/3/2012				
Mercury	ND	0.10			NR				
Batch S2A0028 - B2A0028									
Instrument Blank (S2A0028-IBL1)					Prepared: 1/4/2012 Analyzed: 1/4/2012				
Mercury	ND	0.10			NR				
Batch S2A0029 - B2A0033									
Instrument Blank (S2A0029-IBL1)					Prepared: 1/3/2012 Analyzed: 1/3/2012				
Mercury	ND	0.10			NR				
Batch S2A0030 - B2A0033									
Instrument Blank (S2A0030-IBL1)					Prepared: 1/4/2012 Analyzed: 1/4/2012				
Mercury	ND	0.10			NR				
Batch S2A0036 - B2A0038									
Instrument Blank (S2A0036-IBL1)					Prepared: 1/4/2012 Analyzed: 1/4/2012				
Mercury	ND	0.10			NR				
Batch S2A0037 - B2A0043									
Instrument Blank (S2A0037-IBL1)					Prepared: 1/4/2012 Analyzed: 1/4/2012				
Mercury	ND	0.10			NR				
Batch S2A0039 - B2A0032									
Instrument Blank (S2A0039-IBL1)					Prepared: 1/4/2012 Analyzed: 1/4/2012				
Mercury	ND	0.10			NR				

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/04/2012

pH by EPA 9045C - Quality Control

Analyte	Result (pH Units)	PQL (pH Units)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0095 - Prep_WC_1_S									
Duplicate (B2A0095-DUP1)		**Source: 1100837-30**			Prepared: 1/4/2012 Analyzed: 1/4/2012				
pH	8.2	0.10		8.1	NR		0.6	20	
Batch B2A0102 - Prep_WC_1_S									
Duplicate (B2A0102-DUP1)		**Source: 1100837-BE**			Prepared: 1/4/2012 Analyzed: 1/4/2012				
pH	7.4	0.10		7.5	NR		2	20	
Batch B2A0107 - Prep_WC_1_S									
Duplicate (B2A0107-DUP1)		**Source: 1100837-DM**			Prepared: 1/4/2012 Analyzed: 1/4/2012				
pH	8.0	0.10		8.1	NR		2	20	

Geocon Consultants, Inc.	Project Number : TO-16, E8560-06-16
6671 Brisa Street	Report To : Luann Beadle
Livermore , CA 94550	Reported : 01/04/2012

Notes and Definitions

R	RPD value outside acceptance criteria. Calculation is based on raw values.
M2	Matrix spike recovery outside of acceptance limit due to possible matrix interference. The analytical batch was validated by the laboratory control sample.
M1	Matrix spike recovery outside of acceptance limit. The analytical batch was validated by the laboratory control sample.
D5	Sample diluted due to failing internal standard in the original run.
ND	Analyte not detected at or above reporting limit
PQL	Practical Quantitation Limit
MDL	Method Detection Limit
NR	Not Reported
RPD	Relative Percent Difference

CHAIN OF CUSTODY RECORD

Advanced Technology Laboratories
3275 Walnut Avenue
Signal Hill, CA 90755
(562) 989-4045 • Fax (562) 989-4040

FOR LABORATORY USE ONLY:

P.O.#:

Logged By: Date: 12/30/11

Method of Transport: Client ☐ ATL ☐ CA OverN ☐ FEDEX ☐ Other: GSO

Sample Condition Upon Receipt (3.4 / 3.2)
1. CHILLED Y☑ N☐ 4. SEALED Y☐ N☑
2. HEADSPACE (VOA) Y☐ N/A N☐ 5. # OF SPLS MATCH COC Y☑ N☐
3. CONTAINER INTACT Y☑ N☐ 6. PRESERVED Y☐ N☑

Client: GEOCON CONSULTANTS, INC.
Attn: L. BEADLE
Address: 6671 Brisa Street
City: Livemore State: CA Zip Code: 94550
TEL: (925) 371-5900
FAX: (925) 371-5915

Project Name: TO-16 Project #: E8560-06-16 Sampler: (Printed Name) CGUNTOLI (Signature)

Relinquished by: (Signature and Printed Name) Date: 12/29/11 Time: 1800 Received by: (Signature and Printed Name) Date: 12/30/11 Time: 7:48
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:

I hereby authorize ATL to perform the work indicated below:
Project Mgr (Submitter): D. WATTS 12/29/11 (Print Name / Date)
Signature

Send Report To:
Attn:
Co: SAME AS ABOVE
Address
City State Zip

Bill To:
Attn:
Co: SAME AS ABOVE
Address
City State Zip

Special Instructions/Comments:
10% OF CAM 17 SAMPLES TO BE ANALYZED FOR pH (LAB)

Sample/Records - Archival & Disposal
Unless otherwise requested by client, all samples will be disposed 45 days after receipt and records will be disposed 1 year after submittal of final report.

Storage Fees (applies when storage is requested):
- Sample : $2.00 / sample / mo (after 45 days)
- Records : $1.00 / ATL workorder / mo (after 1 year)

Circle or Add Analysis(es) Requested: 8081A (Pesticides), 8082 (PCB), 8260B (Volatiles), 8270C (BNA), 6010B (Total Metal), 8015B (GRO) / BTEX, 8015B (DRO), 8021 (BTEX), TITLE 22, CAM 17 (6010 / 7000), HEXAVALENT CHROMIUM

SPECIFY APPROPRIATE MATRIX: SOIL, WATER, GROUND WATER, WASTEWATER

ITEM	LAB USE ONLY: Batch #: / Lab No.	Sample Description: Sample I.D. / Location	Date	Time	8081A	8082	8260B	8270C	6010B	8015B (GRO) / BTEX	8015B (DRO)	8021 (BTEX)	TITLE 22	CAM 17 (6010 / 7000)	HEXAVALENT CHROMIUM	SOIL	WATER	GROUND WATER	WASTEWATER	TAT	Container(s) #	Container(s) Type	PRESERVATION	REMARKS
	1100837-01	G15-0	12/29/11	0845									X	X		X				48 HR	1	P T	C	
	2	G15-0.5		0846									X											
	3	G15-1.5		0847																				
	4	G15-2.5		0848																				
	5	G16-0		0852																				
	6	G16-0.5		0853																				
	7	G16-1.5		0854																				
	8	G16-2.5		0855																				

QA/QC: RTNE ☐ CT ☒ SWRCB ☐ Logcode ____ OTHER ____

• TAT starts 8 a.m. following day if samples received after 3 p.m.

TAT: A= Overnight ≤ 24 hr B= Emergency Next workday C= Critical 2 Workdays D= Urgent 3 Workdays E= Routine 7 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=Hcl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

DISTRIBUTION: White with report Yellow to folder Pink to submitter

CHAIN OF CUSTODY RECORD

Advanced Technology Laboratories
3275 Walnut Avenue
Signal Hill, CA 90755
(562) 989-4045 • Fax (562) 989-4040

FOR LABORATORY USE ONLY:

P.O.#: _____
Logged By: _____ Date: _____

Method of Transport: Client ☐ ATL ☐ CA OverN ☐ FEDEX ☐ Other: GSO

Sample Condition Upon Receipt: 1. CHILLED Y☐ N☐ 2. HEADSPACE (VOA) Y☐ N☐ 3. CONTAINER INTACT Y☐ N☐ 4. SEALED Y☐ N☐ 5. # OF SPLS MATCH COC Y☐ N☐ 6. PRESERVED Y☐ N☐

Client: GEOCON CONSULTANTS, INC.
Attn: L. BEADLE
Address: 6671 Brisa Street
City: Livemore State: CA Zip Code: 94550
TEL: (925) 371-5900
FAX: (925) 371-5915

Project Name: TO-16 Project #: E8560-06-16 Sampler: (Printed Name) CGUTOI (Signature)

Relinquished by: (Signature and Printed Name) Date: 12/29/11 Time: 1800 Received by: (Signature and Printed Name) Date: 12/30/11 Time: 748
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:

I hereby authorize ATL to perform the work indicated below:
Project Mgr / Submitter: D. WATTS 12/29/11 (Print Name, Date)
Signature: [signature]

Send Report To: Attn: _____ Co: SAME AS ABOVE Address _____ City _____ State _____ Zip _____

Bill To: Attn: _____ Co: SAME AS ABOVE Address _____ City _____ State _____ Zip _____

Special Instructions/Comments: 10% OF CAM 17 SAMPLES TO BE ANALYZED FOR PH (LAB)

Sample/Records - Archival & Disposal
Unless otherwise requested by client, all samples will be disposed 45 days after receipt and records will be disposed 1 year after submittal of final report.

Storage Fees (applies when storage is requested):
- Sample : $2.00 / sample / mo (after 45 days)
- Records : $1.00 / ATL workorder / mo (after 1 year)

Circle or Add Analysis(es) Requested: 8081A (Pesticides), 8082 (PCB), 8260B (Volatiles), 8270C (BNA), 6010B (Total Metal), 8015B (GRO) / BTEX, 8015B (DRO), 8021 (BTEX), TITLE 22 (CAM 17 (6010 / 7000))

SPECIFY APPROPRIATE MATRIX: SOIL, WATER, GROUND WATER, WASTEWATER

QA/QC: RTNE ☐ CT ☒ SWRCB ☐ Logcode ____ OTHER ____

ITEM	LAB USE ONLY: Batch #: / Lab No.	Sample Description: Sample I.D. / Location	Date	Time	8081A	8082	8260B	8270C	6010B	8015B (GRO) / BTEX	8015B (DRO)	8021 (BTEX)	TITLE 22 (CAM 17 (6010 / 7000))	SOIL	WATER	GROUND WATER	WASTEWATER	TAT	Container(s) #	Type	PRESERVATION	REMARKS
	1100837-9	G17-0	12/29/11	0900									X	X					48 HR	1	P	TC
	10	G17-0.5		0901																		
	11	G17-1.5		0902																		
	12	G17-2.5		0903																		
	13	G18-0		0908																		
	14	G18-0.5		0909																		
	15	G18-1.5		0910																		
	16	G18-2.5		0911																		

• TAT starts 8 a.m. following day if samples received after 3 p.m.

TAT: A= Overnight ≤ 24 hr; B= Emergency Next workday; C= Critical 2 Workdays; D= Urgent 3 Workdays; E= Routine 7 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=HCl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

DISTRIBUTION: White with report Yellow to folder Pink to submitter

CHAIN OF CUSTODY RECORD

Advanced Technology Laboratories
3275 Walnut Avenue
Signal Hill, CA 90755
(562) 989-4045 • Fax (562) 989-4040

FOR LABORATORY USE ONLY:

P.O.#: _____

Logged By: _____ Date: _____

Method of Transport: Client ☐ ATL ☐ CA OverN ☐ FEDEX ☐ Other: GSO

Sample Condition Upon Receipt: 1. CHILLED Y☐ N☐ 2. HEADSPACE (VOA) Y☐ N☐ 3. CONTAINER INTACT Y☐ N☐ 4. SEALED Y☐ N☐ 5. # OF SPLS MATCH COC Y☐ N☐ 6. PRESERVED Y☐ N☐

Client: GEOCON CONSULTANTS, INC.
Attn: L. BEADLE
Address: 6671 Brisa Street
City: Livermore State: CA Zip Code: 94550
TEL: (925) 371-5900
FAX: (925) 371-5915

Project Name: TO-16 Project #: E8560-06-16 Sampler: (Printed Name) C GUTCH (Signature)

Relinquished by: (Signature and Printed Name) Date: 12/29/11 Time: 1800 Received by: (Signature and Printed Name) Date: 12/30/11 Time: 748
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:

I hereby authorize ATL to perform the work indicated below:
Project Mgr / Submitter: D. WATTS 12/29/11 (Print Name / Date)
Signature: WILL

Send Report To: Attn: _____ Co: SAME AS ABOVE Address _____ City _____ State _____ Zip _____

Bill To: Attn: _____ Co: SAME AS ABOVE Address _____ City _____ State _____ Zip _____

Special Instructions/Comments: 10% OF CAM 17 SAMPLES TO BE ANALYZED FOR pH (LAB)

Sample/Records - Archival & Disposal
Unless otherwise requested by client, all samples will be disposed 45 days after receipt and records will be disposed 1 year after submittal of final report.

Storage Fees (applies when storage is requested):
- Sample : $2.00 / sample / mo (after 45 days)
- Records : $1.00 / ATL workorder / mo (after 1 year)

Circle or Add Analysis(es) Requested: 8081A (Pesticides), 8082 (PCB), 8260B (Volatiles), 8270C (BNA), 8010B (Total Metal), 8015B (GRO) / BTEX, 8015B (DRO), 8021 (BTEX), TITLE 22 CAM 17 (6010 / 7000)

SPECIFY APPROPRIATE MATRIX: SOIL, WATER, GROUND WATER, WASTEWATER

QA/QC: RTNE ☐ CT ☒ SWRCB ☐ Logcode ____ OTHER ____

ITEM	LAB USE ONLY: Batch #: / Lab No.	Sample Description: Sample I.D. / Location	Date	Time	8081A	8082	8260B	8270C	8010B	8015B (GRO) / BTEX	8015B (DRO)	8021 (BTEX)	TITLE 22 CAM 17 (6010 / 7000)	SOIL	WATER	GROUND WATER	WASTEWATER	TAT	Container(s) #	Type	PRESERVATION	REMARKS
	1108837-17	~~[illegible]~~ G19-0	12/29/11	09:15									X	X				48 HR	1	P	T	C	
	18.	G19-0.5		09:16																		
	19.	G19-1.5		09:17																		
	20.	G19-2.5		09:18																		
	21.	G20-0		09:22																		
	22.	G20-0.5		09:23																		
	23	G20-1.5		09:24																		
	24	G20-2.5		09:25									X	X								

• TAT starts 8 a.m. following day if samples received after 3 p.m.

TAT: A= Overnight ≤ 24 hr B= Emergency Next workday C= Critical 2 Workdays D= Urgent 3 Workdays E= Routine 7 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=Hcl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

DISTRIBUTION: White with report Yellow to folder Pink to submitter

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Signal Hill, CA 90755
(562) 989-4045 • Fax (562) 989-4040

FOR LABORATORY USE ONLY:

P.O.#: _____
Logged By: _____ Date: _____

Method of Transport: Client ☐ ATL ☐ CA OverN ☐ FEDEX ☐ Other: GSO

Sample Condition Upon Receipt: 1. CHILLED Y☐ N☐ 2. HEADSPACE (VOA) Y☐ N☐ 3. CONTAINER INTACT Y☐ N☐ 4. SEALED Y☐ N☐ 5. # OF SPLS MATCH COC Y☐ N☐ 6. PRESERVED Y☐ N☐

Client: GEOCON CONSULTANTS, INC.
Attn: L. BEADLE
Address: 6671 Brisa Street
City: Livermore State: CA Zip Code: 94550
TEL: (925) 371-5900
FAX: (925) 371-5915

Project Name: TO-16
Project #: E8560-06-16
Sampler: (Printed Name) C GIUNTOLI (Signature) C Giuntoli

Relinquished by: (Signature and Printed Name) C Giuntoli Date: 12/29/11 Time: 1800
Received by: (Signature and Printed Name) MSRG Date: 12/30/11 Time: 7218
Relinquished by: (Signature and Printed Name) Date: Time:
Received by: (Signature and Printed Name) Date: Time:
Relinquished by: (Signature and Printed Name) Date: Time:
Received by: (Signature and Printed Name) Date: Time:

I hereby authorize ATL to perform the work indicated below:
Project Mgr / Submitter: D. WATTS 12/29/11
Print Name Date
Signature: Will

Send Report To:
Attn: _____
Co: SAME AS ABOVE
Address _____
City _____ State _____ Zip _____

Bill To:
Attn: _____
Co: SAME AS ABOVE
Address _____
City _____ State _____ Zip _____

Special Instructions/Comments:
10% OF CAM 17 SAMPLES TO BE ANALYZED FOR pH (LAB)

Sample/Records - Archival & Disposal
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Storage Fees (applies when storage is requested):
- Sample : $2.00 / sample / mo (after 45 days)
- Records : $1.00 / ATL workorder / mo (after 1 year)

Circle or Add Analysis(es) Requested: 8081A (Pesticides), 8082 (PCB), 8260B (Volatiles), 8270C (BNA), 6010B (Total Metal), 8015B (GRO) / BTEX, 8015B (DRO), 8021 (BTEX), TITLE 22 (CAM 17 (6010 / 7000))

SPECIFY APPROPRIATE MATRIX: SOIL, WATER, GROUND WATER, WASTEWATER

QA/QC: RTNE ☐ CT ☒ SWRCB ☐ Logcode ____ OTHER ____

ITEM	LAB USE ONLY: Batch #: / Lab No.	Sample Description: Sample I.D. / Location	Date	Time	8081A	8082	8260B	8270C	6010B	8015B (GRO) / BTEX	8015B (DRO)	8021 (BTEX)	TITLE 22 (CAM 17 (6010 / 7000))	SOIL	WATER	GROUND WATER	WASTEWATER	TAT	Container(s) #	Type	PRESERVATION	REMARKS
	1108837-25	G21-0	12/29/11	0929									X	X					48 HR	1	P	TC
	26	G21-0.5		0930																		
	27	G21-1.5		0931																		
	28	G21-2.5		0932																		
	29	G22-0		0935																		
	30	G22-0.5		0936																		
	31	G22-1.5		0937																		
	32	G22-2.5		0938																		

• TAT starts 8 a.m. following day if samples received after 3 p.m.

TAT: A= Overnight ≤ 24 hr; B= Emergency Next workday; C= Critical 2 Workdays; D= Urgent 3 Workdays; E= Routine 7 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=Hcl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

DISTRIBUTION: White with report Yellow to folder Pink to submitter

CHAIN OF CUSTODY RECORD

Advanced Technology Laboratories
3275 Walnut Avenue
Signal Hill, CA 90755
(562) 989-4045 • Fax (562) 989-4040

FOR LABORATORY USE ONLY:

P.O.#: _____

Logged By: _____ Date: _____

Method of Transport: Client ☐ ATL ☐ CA OverN ☐ FEDEX ☐ Other: GSO

Sample Condition Upon Receipt: 1. CHILLED Y☐ N☐ 2. HEADSPACE (VOA) Y☐ N☐ 3. CONTAINER INTACT Y☐ N☐ 4. SEALED Y☐ N☐ 5. # OF SPLS MATCH COC Y☐ N☐ 6. PRESERVED Y☐ N☐

Client: GEOCON CONSULTANTS, INC.
Attn: L. BEADLE
Address: 6671 Brisa Street
City: Livermore State: CA Zip Code: 94550
TEL: (925) 371-5900
FAX: (925) 371-5915

Project Name: TO-16
Project #: E8560-06-16
Sampler: (Printed Name) C GIUNTOLI (Signature)

Relinquished by: (Signature and Printed Name) Date: 12/29/11 Time: 1800 Received by: (Signature and Printed Name) Date: 12/30/11 Time: 748
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:

I hereby authorize ATL to perform the work indicated below:
Project Mgr (Submitter): D. WATTS 12/29/11
Print Name Date
Signature

Send Report To: Attn: _____ Co: SAME AS ABOVE Address _____ City _____ State _____ Zip _____

Bill To: Attn: _____ Co: SAME AS ABOVE Address _____ City _____ State _____ Zip _____

Special Instructions/Comments: 10% OF CAM 17 SAMPLES TO BE ANALYZED FOR pH (LAB)

Sample/Records - Archival & Disposal
Unless otherwise requested by client, all samples will be disposed 45 days after receipt and records will be disposed 1 year after submittal of final report.

Storage Fees (applies when storage is requested):
- Sample : $2.00 / sample / mo (after 45 days)
- Records : $1.00 / ATL workorder / mo (after 1 year)

Circle or Add Analysis(es) Requested: 8081A (Pesticides), 8082 (PCB), 8260B (Volatiles), 8270C (BNA), 6010B (Total Metal), 8015B (GRO) / BTEX, 8015B (DRO), 8021 (BTEX), TITLE 22 (CAM 17 (6010 / 7000))

SPECIFY APPROPRIATE MATRIX: SOIL, WATER, GROUND WATER, WASTEWATER

QA/QC: RTNE ☐ CT ☒ SWRCB ☐ Logcode ____ OTHER ____

ITEM	LAB USE ONLY: Batch #: / Lab No.	Sample Description: Sample I.D. / Location	Date	Time	8081A	8082	8260B	8270C	6010B	8015B (GRO) / BTEX	8015B (DRO)	8021 (BTEX)	TITLE 22 (CAM 17 (6010 / 7000))	SOIL	WATER	GROUND WATER	WASTEWATER	TAT	Container(s) #	Type	PRESERVATION	REMARKS
	1158837-33	G23-0	12/29/11	0944									X	X					48 HR	1	P	T	C	
	34	G23-0.5		0945																			
	35	G23-1.5		0946																			
	36	G23-2.5		0947																			
	37	G24-0		0950																			
	38	G24-0.5		0951																			
	39	G24-1.5		0952																			
	40	G24-2.5		0953																			

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Preservatives: H=HCl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

DISTRIBUTION: White with report Yellow to folder Pink to submitter

CHAIN OF CUSTODY RECORD

Advanced Technology Laboratories
3275 Walnut Avenue
Signal Hill, CA 90755
(562) 989-4045 • Fax (562) 989-4040

FOR LABORATORY USE ONLY:

P.O.#: _____
Logged By: _____ Date: _____

Method of Transport: Client ☐ ATL ☐ CA OverN ☐ FEDEX ☐ Other: GSO

Sample Condition Upon Receipt: 1. CHILLED Y☐ N☐ 2. HEADSPACE (VOA) Y☐ N☐ 3. CONTAINER INTACT Y☐ N☐ 4. SEALED Y☐ N☐ 5. # OF SPLS MATCH COC Y☐ N☐ 6. PRESERVED Y☐ N☐

Client: GEOCON CONSULTANTS, INC.
Attn: L. BEADLE
Address: 6671 Brisa Street
City: Livermore State: CA Zip Code: 94550
TEL: (925) 371-5900
FAX: (925) 371-5915

Project Name: TO-16
Project #: E8560-06-16
Sampler: (Printed Name) C GUNTON (Signature)

Relinquished by: (Signature and Printed Name) C Gunton Date: 12/29/11 Time: 1800
Received by: (Signature and Printed Name) Mary Date: 12/30/11 Time: 748
Relinquished by: (Signature and Printed Name) Date: Time:
Received by: (Signature and Printed Name) Date: Time:
Relinquished by: (Signature and Printed Name) Date: Time:
Received by: (Signature and Printed Name) Date: Time:

I hereby authorize ATL to perform the work indicated below:
Project Mgr / Submitter: D. WATTS 12/29/11 (Print Name, Date)
Signature: WATTS

Send Report To: Attn: _____ Co: SAME AS ABOVE Address _____ City _____ State _____ Zip _____

Bill To: Attn: _____ Co: SAME AS ABOVE Address _____ City _____ State _____ Zip _____

Special Instructions/Comments: 10% OF CAM 17 SAMPLES TO BE ANALYZED FOR pH (LAB)

Sample/Records - Archival & Disposal
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Circle or Add Analysis(es) Requested: 8081A (Pesticides), 8082 (PCB), 8260B (Volatiles), 8270C (BNA), 6010B (Total Metal), 8015B (GRO) / BTEX, 8015B (DRO), 8021 (BTEX), TITLE 22 (CAM 17 (6010 / 7000))

SPECIFY APPROPRIATE MATRIX: SOIL, WATER, GROUND WATER, WASTEWATER

QA/QC: RTNE ☐ CT ☒ SWRCB ☐ Logcode ____ OTHER ____

ITEM	LAB USE ONLY: Batch #: / Lab No.	Sample Description: Sample I.D. / Location	Date	Time	8081A	8082	8260B	8270C	6010B	8015B (GRO) / BTEX	8015B (DRO)	8021 (BTEX)	TITLE 22 (CAM 17 (6010 / 7000))	SOIL	WATER	GROUND WATER	WASTEWATER	TAT	Container(s) #	Type	PRESERVATION	REMARKS
	1100877-4335-	G33-0	12/29/11	0957									X	X				48 HR	1	P T	C	
	4340	G33-0.5		0958																		
	43 41	G33-1.5		0959																		
	44 42	G33-2.5		1000																		
	45 43	G36-0		1004																		
	46 44	G36-0.5		1005																		
	47 45	G36-1.5		1006																		
	48 46	G36-2.5		1007																		

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Preservatives: H=Hcl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

DISTRIBUTION: White with report Yellow to folder Pink to submitter

CHAIN OF CUSTODY RECORD

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FOR LABORATORY USE ONLY:

P.O.#: _____
Logged By: _____ Date: _____

Method of Transport: Client ☐ ATL ☐ CA OverN ☐ FEDEX ☐ Other: GSO

Sample Condition Upon Receipt:
1. CHILLED Y☐ N☐ 4. SEALED Y☐ N☐
2. HEADSPACE (VOA) Y☐ N☐ 5. # OF SPLS MATCH COC Y☐ N☐
3. CONTAINER INTACT Y☐ N☐ 6. PRESERVED Y☐ N☐

Client: GEOCON CONSULTANTS, INC.
Attn: L. BEADLE
Address: 6671 Brisa Street
City: Livermore State: CA Zip Code: 94550
TEL: (925) 371-5900
FAX: (925) 371-5915

Project Name: TO-16 Project #: E8560-06-16 Sampler: (Printed Name) C GUTOI (Signature)

Relinquished by: (Signature and Printed Name) Date: 12/29/11 Time: 1800 Received by: (Signature and Printed Name) Date: 12/30/11 Time: 748
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:

I hereby authorize ATL to perform the work indicated below:
Project Mgr / Submitter: D. WATTS 12/29/11
Print Name Date
Signature

Send Report To: Attn: _____ Co: SAME AS ABOVE Address _____ City _____ State _____ Zip _____

Bill To: Attn: _____ Co: SAME AS ABOVE Address _____ City _____ State _____ Zip _____

Special Instructions/Comments:
10% OF CAM 17 SAMPLES TO BE ANALYZED FOR pH (LAB)

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SPECIFY APPROPRIATE MATRIX: SOIL, WATER, GROUND WATER, WASTEWATER

QA/QC: RTNE ☐ CT ☒ SWRCB ☐ Logcode ____ OTHER ____

ITEM	LAB USE ONLY: Batch #: / Lab No.	Sample Description: Sample I.D. / Location	Date	Time	8081A	8082	8260B	8270C	6010B	8015B (GRO) / BTEX	8015B (DRO)	8021 (BTEX)	TITLE 22	CAM 17 (6010 / 7000)	SOIL	WATER	GROUND WATER	WASTEWATER	TAT	Container(s) #	Type	PRESERVATION	REMARKS
	1100837-49	G37-0	12/29/11	1011										X		X				48 HR	1	P	J	C	
	50	G37-0.5		1012																					
	51 49.	G37-1.5		1013																					
	52 50.	G37-2.5		1014																					
	53 51.	G40-0		1018																					
	54 52.	G40-0.5		1019																					
	55 53.	G40-1.5		1020																					
	56 54.	G40-2.5		1021										X		X									

• TAT starts 8 a.m. following day if samples received after 3 p.m.

TAT: A= Overnight ≤ 24 hr; B= Emergency Next workday; C= Critical 2 Workdays; D= Urgent 3 Workdays; E= Routine 7 Workdays

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Preservatives: H=Hcl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

DISTRIBUTION: White with report Yellow to folder Pink to submitter

CHAIN OF CUSTODY RECORD

Advanced Technology Laboratories
3275 Walnut Avenue
Signal Hill, CA 90755
(562) 989-4045 • Fax (562) 989-4040

FOR LABORATORY USE ONLY:

P.O.#: _____
Logged By: _____ Date: _____

Method of Transport: Client ☐ ATL ☐ CA OverN ☐ FEDEX ☐ Other: GSO

Sample Condition Upon Receipt: 1. CHILLED Y☐ N☐ 2. HEADSPACE (VOA) Y☐ N☐ 3. CONTAINER INTACT Y☐ N☐ 4. SEALED Y☐ N☐ 5. # OF SPLS MATCH COC Y☐ N☐ 6. PRESERVED Y☐ N☐

Client: GEOCON CONSULTANTS, INC.
Attn: L. BEADLE
Address: 6671 Brisa Street
City: Livermore State: CA Zip Code: 94550
TEL: (925) 371-5900
FAX: (925) 371-5915

Project Name: TO-16
Project #: E8560-06-16
Sampler: (Printed Name) C GUNTER (Signature)

Relinquished by: (Signature and Printed Name) Date: 12/29/11 Time: 1800 Received by: (Signature and Printed Name) Date: 12/30/11 Time: 748
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:

I hereby authorize ATL to perform the work indicated below:
Project Mgr / Submitter: D. WATTS 12/29/11
Print Name / Date
Signature

Send Report To: Attn: _____ Co: SAME AS ABOVE Address _____ City _____ State _____ Zip _____

Bill To: Attn: _____ Co: SAME AS ABOVE Address _____ City _____ State _____ Zip _____

Special Instructions/Comments:
10% OF CAM 17 SAMPLES TO BE ANALYZED FOR PH (LAB)

Sample/Records - Archival & Disposal
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SPECIFY APPROPRIATE MATRIX

QA/QC: RTNE ☐ CT ☒ SWRCB ☐ Logcode ____ OTHER ____

ITEM	LAB USE ONLY: Batch #: / Lab No.	Sample Description: Sample I.D. / Location	Date	Time	8081A	8082	8260B	8270C	6010B	8015B (GRO) / BTEX	8015B (DRO)	8021 (BTEX)	TITLE 22 (CAM 17 (6010 / 7000))	SOIL	WATER	GROUND WATER	WASTEWATER	TAT	Container(s) #	Type	PRESERVATION	REMARKS
	1188837-57	G41-0	12/29/11	1024									X	X					48 HR	1	PT	L	
	58	G41-0.5		1025																		
	59	G41-1.5		1026																		
	60	G41-2.5		1027																		
	61	G42-0		1030																		
	62	G42-0.5		1031																		
	63	G42-1.5		1032																		
	64	G42-2.5		1033																		

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Preservatives: H=Hcl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

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CHAIN OF CUSTODY RECORD

Advanced Technology Laboratories
3275 Walnut Avenue
Signal Hill, CA 90755
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FOR LABORATORY USE ONLY:

P.O.#: _____
Logged By: _____ Date: _____

Method of Transport: Client ☐ ATL ☐ CA OverN ☐ FEDEX ☐ Other: GSO

Sample Condition Upon Receipt:
1. CHILLED Y☐ N☐ 4. SEALED Y☐ N☐
2. HEADSPACE (VOA) Y☐ N☐ 5. # OF SPLS MATCH COC Y☐ N☐
3. CONTAINER INTACT Y☐ N☐ 6. PRESERVED Y☐ N☐

Client: GEOCON CONSULTANTS, INC.
Attn: L. BEADLE
Address: 6671 Brisa Street
City: Livermore State: CA Zip Code: 94550
TEL: (925) 371-5900
FAX: (925) 371-5915

Project Name: TO-16
Project #: E8560-06-16
Sampler: (Printed Name) C GIUNTOLI (Signature)

Relinquished by: (Signature and Printed Name) Date: 12/29/11 Time: 1800 Received by: (Signature and Printed Name) Date: 12/30/11 Time: 744
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:

I hereby authorize ATL to perform the work indicated below:
Project Mgr / Submitter:
D. WATTS 12/29/11
Print Name Date
Signature

Send Report To:
Attn: _____
Co: SAME AS ABOVE
Address _____
City _____ State _____ Zip _____

Bill To:
Attn: _____
Co: SAME AS ABOVE
Address _____
City _____ State _____ Zip _____

Special Instructions/Comments:
10% OF CAM 17 SAMPLES TO BE ANALYZED FOR PH (LAB)

Sample/Records - Archival & Disposal
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Circle or Add Analysis(es) Requested: 8081A (Pesticides), 8082 (PCB), 8260B (Volatiles), 8270C (BNA), 6010B (Total Metal), 8015B (GRO) / BTEX, 8015B (DRO), 8021 (BTEX), TITLE 22 (CAM 17 (6010 / 7000))

SPECIFY APPROPRIATE MATRIX: SOIL, WATER, GROUND WATER, WASTEWATER

QA/QC: RTNE ☐ CT ☒ SWRCB ☐ Logcode _____ OTHER _____

ITEM	LAB USE ONLY: Batch #: / Lab No.	Sample Description: Sample I.D. / Location	Date	Time	8081A	8082	8260B	8270C	6010B	8015B (GRO) / BTEX	8015B (DRO)	8021 (BTEX)	TITLE 22 (CAM 17)	SOIL	WATER	GROUND WATER	WASTEWATER	TAT	Container(s) #	Type	PRESERVATION	REMARKS
	1100837-65	G43-0	12/29/11	1037									X	X				48 HR	1	P	T	C
	66	G43-0.5		1038																		
	67	G43-1.5		1039																		
	68	G43-2.5		1040																		
	69	G44-0		1045																		
	70	G44-0.5		1046																		
	71	G44-1.5		1047																		
	72	G44-2.5		1048																		

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Client: GEOCON CONSULTANTS, INC.
Attn: L. BEADLE
Address: 6671 Brisa Street
City: Livermore State: CA Zip Code: 94550
TEL: (925) 371-5900
FAX: (925) 371-5915

Project Name: TO-16 Project #: E8560-06-16 Sampler: (Printed Name) C GUTTI (Signature)

Relinquished by: (Signature and Printed Name) Date: 12/29/11 Time: 1800 Received by: (Signature and Printed Name) Date: 12/30/11 Time: 748
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:

I hereby authorize ATL to perform the work indicated below:
Project Mgr (Submitter): D. WATTS 12/29/11 (Print Name, Date)
Signature

Send Report To: Attn: _____ Co: SAME AS ABOVE Address _____ City _____ State _____ Zip _____

Bill To: Attn: _____ Co: SAME AS ABOVE Address _____ City _____ State _____ Zip _____

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SPECIFY APPROPRIATE MATRIX: SOIL, WATER, GROUND WATER, WASTEWATER

QA/QC: RTNE ☐ CT ☒ SWRCB ☐ Logcode ____ OTHER ____

ITEM	LAB USE ONLY: Batch #: / Lab No.	Sample Description: Sample I.D. / Location	Date	Time	8081A	8082	8260B	8270C	6010B	8015B (GRO) / BTEX	8015B (DRO)	8021 (BTEX)	TITLE 22 (CAM 17 (6010 / 7000))	SOIL	WATER	GROUND WATER	WASTEWATER	TAT	Container(s) #	Type	PRESERVATION	REMARKS
	1100837-73	G47-0	12/29/11	1053									X	X					48 HR	1	P T	C	
	74	G47-0.5		1054																		
	75	G47-1.5		1055																		
	76	G47-2.5		1056																		
	77	G48-0		1100																		
	78	G48-0.5		1101																		
	79	G48-1.5		1102																		
	80	G48-2.5		1103																		

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Logged By: Date:

Method of Transport: Client ☐ ATL ☐ CA OverN ☐ FEDEX ☐ Other: GSO

Sample Condition Upon Receipt: 1. CHILLED Y☐ N☐ 2. HEADSPACE (VOA) Y☐ N☐ 3. CONTAINER INTACT Y☐ N☐ 4. SEALED Y☐ N☐ 5. # OF SPLS MATCH COC Y☐ N☐ 6. PRESERVED Y☐ N☐

Client: GEOCON CONSULTANTS, INC.
Attn: L. BEADLE
Address: 6671 Brisa Street
City: Livermore State: CA Zip Code: 94550
TEL: (925) 371-5900
FAX: (925) 371-5915

Project Name: TO-16 Project #: E8560-06-16 Sampler: (Printed Name) C GUNTOW (Signature)

Relinquished by: (Signature and Printed Name) Date: 12/29/11 Time: 1800 Received by: (Signature and Printed Name) Date: 12/30/11 Time: 748
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:

I hereby authorize ATL to perform the work indicated below:
Project Mgr / Submitter:
D. WATTS 12/29/11
Print Name Date
Signature

Send Report To:
Attn:
Co: SAME AS ABOVE
Address
City State Zip

Bill To:
Attn:
Co: SAME AS ABOVE
Address
City State Zip

Special Instructions/Comments:
10% OF CAM 17 SAMPLES TO BE ANALYZED FOR pH (LAB)

Sample/Records - Archival & Disposal
Unless otherwise requested by client, all samples will be disposed 45 days after receipt and records will be disposed 1 year after submittal of final report.

Storage Fees (applies when storage is requested):
- Sample : $2.00 / sample / mo (after 45 days)
- Records : $1.00 / ATL workorder / mo (after 1 year)

Circle or Add Analysis(es) Requested: 8081A (Pesticides), 8082 (PCB), 8260B (Volatiles), 8270C (BNA), 6010B (Total Metal), 8015B (GRO) / BTEX, 8015B (DRO), 8021 (BTEX), TITLE 22 (CAM 17 (6010 / 7000))

SPECIFY APPROPRIATE MATRIX: SOIL, WATER, GROUND WATER, WASTEWATER

QA/QC: RTNE ☐ CT ☒ SWRCB ☐ Logcode ____ OTHER ____

ITEM	LAB USE ONLY: Batch #: / Lab No.	Sample Description: Sample I.D. / Location	Date	Time	8081A	8082	8260B	8270C	6010B	8015B (GRO) / BTEX	8015B (DRO)	8021 (BTEX)	TITLE 22 (CAM 17)	SOIL	WATER	GROUND WATER	WASTEWATER	TAT	Container(s) #	Container(s) Type	PRESERVATION	REMARKS
	1100837-81	G49-0	12/29/11	1114									X	X				48 HR	1	PT	C	
	82	G49-0.5		1115																		
	83	G49-1.5		1116																		
	84	G49-2.5		1117																		
	85	G52-0		1121																		
	86	G52-0.5		1122																		
	87	G52-1.5		1123																		
	88	G52-2.5		1124																		

• TAT starts 8 a.m. following day if samples received after 3 p.m.

TAT: A= Overnight ≤ 24 hr; B= Emergency Next workday; C= Critical 2 Workdays; D= Urgent 3 Workdays; E= Routine 7 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=HCl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

DISTRIBUTION: White with report Yellow to folder Pink to submitter

CHAIN OF CUSTODY RECORD

Advanced Technology Laboratories
3275 Walnut Avenue
Signal Hill, CA 90755
(562) 989-4045 • Fax (562) 989-4040

FOR LABORATORY USE ONLY:

P.O.#: _____

Logged By: _____ Date: _____

Method of Transport: Client ☐ ATL ☐ CA OverN ☐ FEDEX ☐ Other: GSO

Sample Condition Upon Receipt: 1. CHILLED Y☐ N☐ 2. HEADSPACE (VOA) Y☐ N☐ 3. CONTAINER INTACT Y☐ N☐ 4. SEALED Y☐ N☐ 5. # OF SPLS MATCH COC Y☐ N☐ 6. PRESERVED Y☐ N☐

Client: GEOCON CONSULTANTS, INC.
Attn: L. BEADLE
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Project Name: TO-16 Project #: E8560-06-16 Sampler: (Printed Name) C GUNTON (Signature)

Relinquished by: (Signature and Printed Name) Date: 12/29/11 Time: 1800 Received by: (Signature and Printed Name) Date: 12/30/11 Time: 748
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Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:

I hereby authorize ATL to perform the work indicated below:
Project Mgr (Submitter): D. WATTS 12/29/11 (Print Name / Date)
Signature: [signature]

Send Report To: Attn: _____ Co: SAME AS ABOVE Address _____ City _____ State ____ Zip ____

Bill To: Attn: _____ Co: SAME AS ABOVE Address _____ City _____ State ____ Zip ____

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SPECIFY APPROPRIATE MATRIX: SOIL, WATER, GROUND WATER, WASTEWATER

QA/QC: RTNE ☐ CT ☒ SWRCB ☐ Logcode ____ OTHER ____

ITEM	LAB USE ONLY: Batch #: / Lab No.	Sample Description: Sample I.D. / Location	Date	Time	8081A	8082	8260B	8270C	6010B	8015B (GRO) / BTEX	8015B (DRO)	8021 (BTEX)	TITLE 22 (CAM 17 (6010 / 7000))	SOIL	WATER	GROUND WATER	WASTEWATER	TAT	Container(s) #	Type	PRESERVATION	REMARKS
	1100837-89	G53-0	12/29/11	1128									✓	✓				48 HR	1	P	TC	
	88	G53-0.5		1129																		
	87	G53-1.5		1130																		
	92	G53-2.5		1131																		
	93	G54-0		1135																		
	94	G54-0.5		1136																		
	95	G54-1.5		1137																		
	96	G54-2.5		1138																		

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Preservatives: H=Hcl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

DISTRIBUTION: White with report Yellow to folder Pink to submitter

CHAIN OF CUSTODY RECORD

Advanced Technology Laboratories
3275 Walnut Avenue
Signal Hill, CA 90755
(562) 989-4045 • Fax (562) 989-4040

FOR LABORATORY USE ONLY:

P.O.#: _____

Logged By: _____ Date: _____

Method of Transport: Client ☐ ATL ☐ CA OverN ☐ FEDEX ☐ Other: GSO

Sample Condition Upon Receipt:
1. CHILLED Y☐ N☐ 4. SEALED Y☐ N☐
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Attn: L. BEAGLE
Address: 6671 Brisa Street
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FAX: (925) 371-5915

Project Name: TO-16 Project #: E8560-06-16 Sampler: (Printed Name) C GUNTER (Signature)

Relinquished by: (Signature and Printed Name) [signature] Date: 12/29/11 Time: 1800 Received by: (Signature and Printed Name) [signature] Date: 12/30/11 Time: 748
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Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:

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Project Mgr (Submitter): D. WATTS 12/29/11 (Print Name, Date)
Signature: [signature]

Send Report To:
Attn: _____
Co: SAME AS ABOVE
Address: _____
City _____ State _____ Zip _____

Bill To:
Attn: _____
Co: SAME AS ABOVE
Address: _____
City _____ State _____ Zip _____

Special Instructions/Comments:
10% OF CAM 17 SAMPLES TO BE ANALYZED FOR pH (LAB)

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SPECIFY APPROPRIATE MATRIX: SOIL, WATER, GROUND WATER, WASTEWATER

QA/QC: RTNE ☐ CT ☒ SWRCB ☐ Logcode ____ OTHER ____

ITEM	LAB USE ONLY: Batch #: / Lab No.	Sample Description: Sample I.D. / Location	Date	Time	8081A	8082	8260B	8270C	6010B	8015B (GRO)	8015B (DRO)	8021 (BTEX)	TITLE 22 (CAM 17)	SOIL	WATER	GROUND WATER	WASTEWATER	TAT	Container(s) #	Type	PRESERVATION	REMARKS
	1100837-99	G55-0	12/29/11	1142									X	X				48 HR	1	P T	C	
	99	G55-0.5		1143																		
	99	G55-1.5		1144																		
	AA 100	G55-2.5		1145																		
	AB 101	G56-0		1210																		
	AC 102	G56-0.5		1211																		
	AD 103	G56-1.5		1212																		
	AE 104	G56-2.5		1213																		

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Preservatives: H=Hcl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

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CHAIN OF CUSTODY RECORD

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Signal Hill, CA 90755
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FOR LABORATORY USE ONLY:

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Logged By: _____ Date: _____

Method of Transport: Client ☐ ATL ☐ CA OverN ☐ FEDEX ☐ Other: GSO

Sample Condition Upon Receipt:
1. CHILLED Y☐ N☐ 4. SEALED Y☐ N☐
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3. CONTAINER INTACT Y☐ N☐ 6. PRESERVED Y☐ N☐

Client: GEOCON CONSULTANTS, INC.
Attn: L. BEADLE
Address: 6671 Brisa Street
City: Livermore State: CA Zip Code: 94550
TEL: (925) 371-5900
FAX: (925) 371-5915

Project Name: TO-16 Project #: E8560-06-16 Sampler: (Printed Name) C GUNTZEL (Signature)

Relinquished by: (Signature and Printed Name) Date: 12/29/11 Time: 1800 Received by: (Signature and Printed Name) Date: 12/30/11 Time: 748
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:

I hereby authorize ATL to perform the work indicated below:
Project Mgr (Submitter): D. WATTS 12/29/11 (Print Name / Date)
Signature: [signature]

Send Report To: Attn: _____ Co: SAME AS ABOVE Address _____ City _____ State _____ Zip _____

Bill To: Attn: _____ Co: SAME AS ABOVE Address _____ City _____ State _____ Zip _____

Special Instructions/Comments:
10% OF CAM 17 SAMPLES TO BE ANALYZED FOR PH (LAB)

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SPECIFY APPROPRIATE MATRIX: SOIL, WATER, GROUND WATER, WASTEWATER

QA/QC: RTNE ☐ CT ☒ SWRCB ☐ Logcode ____ OTHER ____

ITEM	LAB USE ONLY: Batch #: / Lab No.	Sample Description: Sample I.D. / Location	Date	Time	8081A (Pesticides)	8082 (PCB)	8260B (Volatiles)	8270C (BNA)	6010B (Total Metal)	8015B (GRO) / BTEX	8015B (DRO)	8021 (BTEX)	TITLE 22 CAM 17 (6010 / 7000)	SOIL	WATER	GROUND WATER	WASTEWATER	TAT	Container(s) #	Type	PRESERVATION	REMARKS
AF	1100837-105	G57-0	12/29/11	1218									X	X				48 HR	1	P	T	C	
AG	106	G57-0.5		1219																		
AH	107	G57-1.5		1220																		
AI	108	G57-2.5		1221																		
AJ	109	G58-0		1225																		
AK	110	G58-0.5		1226																		
AL	111	G58-1.5		1227																		
AM	112	G58-2.5		1228																		

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CHAIN OF CUSTODY RECORD

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(562) 989-4045 • Fax (562) 989-4040

FOR LABORATORY USE ONLY:

P.O.#: _____

Logged By: _____ Date: _____

Method of Transport: Client ☐ ATL ☐ CA OverN ☐ FEDEX ☐ Other: GSO

Sample Condition Upon Receipt: 1. CHILLED Y☐ N☐ 2. HEADSPACE (VOA) Y☐ N☐ 3. CONTAINER INTACT Y☐ N☐ 4. SEALED Y☐ N☐ 5. # OF SPLS MATCH COC Y☐ N☐ 6. PRESERVED Y☐ N☐

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Attn: L. BEADLE
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TEL: (925) 371-5900
FAX: (925) 371-5915

Project Name: TO-16
Project #: E8560-06-16
Sampler: (Printed Name) C GUNTOL (Signature)

Relinquished by: (Signature and Printed Name) Date: 12/29/11 Time: 1800 Received by: (Signature and Printed Name) Date: 12/30/11 Time: 748
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Project Mgr (Submitter): D. WATTS 12/29/11 (Print Name, Date)
Signature

Send Report To:
Attn: _____
Co: SAME AS ABOVE
Address _____
City _____ State _____ Zip _____

Bill To:
Attn: _____
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Special Instructions/Comments:
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QA/QC: RTNE ☐ CT ☒ SWRCB ☐ Logcode ____ OTHER ____

ITEM	LAB USE ONLY: Batch #: / Lab No.	Sample Description: Sample I.D. / Location	Date	Time	8081A (Pesticides)	8082 (PCB)	8260B (Volatiles)	8270C (BNA)	6010B (Total Metal)	8015B (GRO) / BTEX	8015B (DRO)	8021 (BTEX)	TITLE 22 (CAM 17 (6010 / 7000))	SOIL	WATER	GROUND WATER	WASTEWATER	TAT	Container(s) #	Container(s) Type	PRESERVATION	REMARKS
AN	1100837-113	G59-0	12/29/11	1232									X	X				48 Hr	1	P T	C	
AO	114	G59-0.5		1233																		
AP	115	G59-1.5		1234																		
AQ	116	G59-2.5		1235																		
AR	117	G60-0		1243																		
AS	118	G60-0.5		1244																		
AT	119	G60-1.5		1245																		
AU	120	G60-2.5		1246																		

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Project Name: TO-16 Project #: E8560-06-16 Sampler: (Printed Name) CHRIS GIULTOI (Signature)

Relinquished by: (Signature and Printed Name) Date: 12/29/11 Time: 1800 Received by: (Signature and Printed Name) Date: 12/30/11 Time: 748
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I hereby authorize ATL to perform the work indicated below:
Project Mgr (Submitter): D. WATTS 12/29/11
Print Name Date
Signature

Send Report To:
Attn: _____
Co: SAME AS ABOVE
Address _____
City _____ State _____ Zip _____

Bill To:
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Co: SAME AS ABOVE
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Special Instructions/Comments:
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SPECIFY APPROPRIATE MATRIX: SOIL, WATER, GROUND WATER, WASTEWATER

QA/QC: RTNE ☐ CT ☒ SWRCB ☐ Logcode _____ OTHER _____

ITEM	LAB USE ONLY: Batch #: / Lab No.	Sample Description: Sample I.D. / Location	Date	Time	8081A (Pesticides)	8082 (PCB)	8260B (Volatiles)	8270C (BNA)	6010B (Total Metal)	8015B (GRO) / BTEX	8015B (DRO)	8021 (BTEX)	TITLE 22 / CAM 17 (6010/7000)	SOIL	WATER	GROUND WATER	WASTEWATER	TAT	Container(s) #	Container(s) Type	PRESERVATION	REMARKS
AU	1100837 TH/AS	G61-0	12/29/11	1250									X	X				48 HR	1	PT	C	
AW	122/120	G61-0.5	↓	1251									↓	↓				↓	↓	↓	↓	
AX	123/121	G61-1.5		1252																		
AY	124/122	G61-2.5		1253																		
A2	125/123	G62-0		1255																		
BA	126/124	G62-0.5		1258																		
BB	127/125	G62-1.5		1259																		
BC	128/126	G62-2.5	↓	1300									↓	↓				↓	↓	↓	↓	

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Project Name: TO-16 Project #: E8560-06-16 Sampler: (Printed Name) C GUNTCH (Signature)

Relinquished by: (Signature and Printed Name) Date: 12/29/11 Time: 1800 Received by: (Signature and Printed Name) Date: 12/30/11 Time: 7:48

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Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:

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Storage Fees (applies when storage is requested):
- Sample : $2.00 / sample / mo (after 45 days)
- Records : $1.00 / ATL workorder / mo (after 1 year)

Circle or Add Analysis(es) Requested: 8081A (Pesticides), 8082 (PCB), 8260B (Volatiles), 8270C (BNA), 6010B (Total Metal), 8015B (GRO) / BTEX, 8015B (DRO), 8021 (BTEX), TITLE 22, CAM 17 (6010/7000)

SPECIFY APPROPRIATE MATRIX: SOIL, WATER, GROUND WATER, WASTEWATER

QA/QC: RTNE ☐ CT ☒ SWRCB ☐ Logcode ____ OTHER ____

ITEM	LAB USE ONLY: Batch #: / Lab No.	Sample Description: Sample I.D. / Location	Date	Time	TAT	Container(s) #	Container(s) Type	PRESERVATION	REMARKS
BD	1100837-29	G63-0	12/29/11	1305	48HR	1	P	T	C
BE	130	G63-0.5		1306					
BF	131	G63-1.5		1307					
BG	132	G63-2.5		1308					
BH	133	G64-0		1313					
BJ	134	G64-0.5		1314					
BK	135	G64-1.5		1315					
BL	136	G64-2.5		1316					

• TAT starts 8 a.m. following day if samples received after 3 p.m.

TAT: A= Overnight ≤ 24 hr B= Emergency Next workday C= Critical 2 Workdays D= Urgent 3 Workdays E= Routine 7 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=HCl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

DISTRIBUTION: White with report Yellow to folder Pink to submitter

CHAIN OF CUSTODY RECORD

Advanced Technology Laboratories
3275 Walnut Avenue
Signal Hill, CA 90755
(562) 989-4045 • Fax (562) 989-4040

FOR LABORATORY USE ONLY:

P.O.#: _____
Logged By: _____ Date: _____

Method of Transport: Client ☐ ATL ☐ CA OverN ☐ FEDEX ☐ Other: GSO

Sample Condition Upon Receipt
1. CHILLED Y☐ N☐ 4. SEALED Y☐ N☐
2. HEADSPACE (VOA) Y☐ N☐ 5. # OF SPLS MATCH COC Y☐ N☐
3. CONTAINER INTACT Y☐ N☐ 6. PRESERVED Y☐ N☐

Client: GEOCON CONSULTANTS, INC.
Attn: L. BEADLE
Address: 6671 Brisa Street
City: Livermore State: CA Zip Code: 94550
TEL: (925) 371-5900
FAX: (925) 371-5915

Project Name: TO-16 Project #: E8560-06-16 Sampler: (Printed Name) CGUNTOLI (Signature)

Relinquished by: (Signature and Printed Name) Date: 12/29/11 Time: 1800 Received by: (Signature and Printed Name) Date: 12/30/11 Time: 748
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:

I hereby authorize ATL to perform the work indicated below:
Project Mgr (Submitter)
D. WATTS 12/29/11
Print Name Date
Signature

Send Report To:
Attn: _____
Co: SAME AS ABOVE
Address _____
City _____ State _____ Zip _____

Bill To:
Attn: _____
Co: SAME AS ABOVE
Address _____
City _____ State _____ Zip _____

Special Instructions/Comments:
10% OF CAM 17 SAMPLES TO BE ANALYZED FOR PH (LAB)

Sample/Records - Archival & Disposal
Unless otherwise requested by client, all samples will be disposed 45 days after receipt and records will be disposed 1 year after submittal of final report.

Storage Fees (applies when storage is requested):
- Sample : $2.00 / sample / mo (after 45 days)
- Records : $1.00 / ATL workorder / mo (after 1 year)

Circle or Add Analysis(es) Requested

QA/QC: RTNE ☐ CT ☒ SWRCB ☐ Logcode _____ OTHER _____

ITEM	LAB USE ONLY: Batch #: Lab No.	Sample Description: Sample I.D. / Location	Date	Time	8081A (Pesticides)	8082 (PCB)	8260B (Volatiles)	8270C (BNA)	6010B (Total Metal)	8015B (GRO) / BTEX	8015B (DRO)	8021 (BTEX)	TITLE 22 (CAM 17 (6010 / 7000))	SOIL	WATER	GROUND WATER	WASTEWATER	TAT	Container(s) #	Container(s) Type	PRESERVATION	REMARKS
BM	1100837 137 135	G65-0	12/29/11	1320									X	X				48 HR	1	PT	C	
BN	138 136	G65-0.5		1321																		
BO	139 137	G65-1.5		1322																		
BP	140 138	G65-2.5		1323																		
BQ	141 139	G66-0		1328																		
BR	142 140	G66-0.5		1329																		
BS	143 141	G66-1.5		1330																		
BT	144 142	G66-2.5		1332																		

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TAT: A= Overnight ≤ 24 hr B= Emergency Next workday C= Critical 2 Workdays D= Urgent 3 Workdays E= Routine 7 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=Hcl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

DISTRIBUTION: White with report Yellow to folder Pink to submitter

CHAIN OF CUSTODY RECORD

Advanced Technology Laboratories
3275 Walnut Avenue
Signal Hill, CA 90755
(562) 989-4045 • Fax (562) 989-4040

FOR LABORATORY USE ONLY:

P.O.#: _____
Logged By: _____ Date: _____

Method of Transport: Client ☐ ATL ☐ CA OverN ☐ FEDEX ☐ Other: GSO

Sample Condition Upon Receipt: 1. CHILLED Y☐ N☐ 2. HEADSPACE (VOA) Y☐ N☐ 3. CONTAINER INTACT Y☐ N☐ 4. SEALED Y☐ N☐ 5. # OF SPLS MATCH COC Y☐ N☐ 6. PRESERVED Y☐ N☐

Client: GEOCON CONSULTANTS, INC.
Attn: L. BEADLE
Address: 6671 Brisa Street
City: Livermore State: CA Zip Code: 94550
TEL: (925) 371-5900
FAX: (925) 371-5915

Project Name: TO-16
Project #: E8560-06-16
Sampler: (Printed Name) C GUNTOL (Signature)

Relinquished by: (Signature and Printed Name) Date: 12/29/11 Time: 1800
Received by: (Signature and Printed Name) Date: 12/30/11 Time: 748
Relinquished by: (Signature and Printed Name) Date: Time:
Received by: (Signature and Printed Name) Date: Time:
Relinquished by: (Signature and Printed Name) Date: Time:
Received by: (Signature and Printed Name) Date: Time:

I hereby authorize ATL to perform the work indicated below:
Project Mgr (Submitter)
D. WATTS 12/29/11
Print Name Date
Signature

Send Report To:
Attn: _____
Co: SAME AS ABOVE
Address _____
City _____ State _____ Zip _____

Bill To:
Attn: _____
Co: SAME AS ABOVE
Address _____
City _____ State _____ Zip _____

Special Instructions/Comments:
10% OF CAM 17 SAMPLES TO BE ANALYZED FOR pH (LAB)

Sample/Records - Archival & Disposal
Unless otherwise requested by client, all samples will be disposed 45 days after receipt and records will be disposed 1 year after submittal of final report.

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- Sample : $2.00 / sample / mo (after 45 days)
- Records : $1.00 / ATL workorder / mo (after 1 year)

Circle or Add Analysis(es) Requested: 8081A (Pesticides), 8082 (PCB), 8260B (Volatiles), 8270C (BNA), 6010B (Total Metal), 8015B (GRO) / BTEX, 8015B (DRO), 8021 (BTEX), TITLE 22 (CAM 17 (6010 / 7000)), SOIL, WATER, GROUND WATER, WASTEWATER

SPECIFY APPROPRIATE MATRIX

ITEM	LAB USE ONLY: Batch #: / Lab No.	Sample Description: Sample I.D. / Location	Date	Time	8081A (Pesticides)	8082 (PCB)	8260B (Volatiles)	8270C (BNA)	6010B (Total Metal)	8015B (GRO) / BTEX	8015B (DRO)	8021 (BTEX)	TITLE 22 (CAM 17 (6010 / 7000))	SOIL	WATER	GROUND WATER	WASTEWATER	TAT	Container(s) #	Container(s) Type	PRESERVATION	REMARKS
	1108837-145	G68-0	12/29/11	1340									X	X				48 hr	1	P	T	C
BU	146	G68-0.5		1341																		
BV	147	G68-1.5		1342																		
BW	148	G68-2.5		1343																		
BX	149	G69-0		1350																		
BY	150	G69-0.5		1351																		
BZ	151	G69-1.5		1352																		
CA	152	G69-2.5		1353																		

QA/QC: RTNE ☐ CT ☒ SWRCB ☐ Logcode ____ OTHER ____

• TAT starts 8 a.m. following day if samples received after 3 p.m.

TAT: A= Overnight ≤ 24 hr; B= Emergency Next workday; C= Critical 2 Workdays; D= Urgent 3 Workdays; E= Routine 7 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=Hcl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

DISTRIBUTION: White with report Yellow to folder Pink to submitter

CHAIN OF CUSTODY RECORD

Advanced Technology Laboratories
3275 Walnut Avenue
Signal Hill, CA 90755
(562) 989-4045 • Fax (562) 989-4040

FOR LABORATORY USE ONLY:

P.O.#:
Logged By: Date:

Method of Transport: Client ☐ ATL ☐ CA OverN ☐ FEDEX ☐ Other: GSO

Sample Condition Upon Receipt: 1. CHILLED Y☐ N☐ 2. HEADSPACE (VOA) Y☐ N☐ 3. CONTAINER INTACT Y☐ N☐ 4. SEALED Y☐ N☐ 5. # OF SPLS MATCH COC Y☐ N☐ 6. PRESERVED Y☐ N☐

Client: GEOCON CONSULTANTS, INC.
Attn: L. BEADLE
Address: 6671 Brisa Street
City: Livermore State: CA Zip Code: 94550
TEL: (925) 371-5900
FAX: (925) 371-5915

Project Name: TO-16 Project #: E8560-06-16 Sampler: (Printed Name) C GUNTON (Signature)

Relinquished by: (Signature and Printed Name) Date: 12/29/11 Time: 1800 Received by: (Signature and Printed Name) Date: 12/30/11 Time: 748
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:

I hereby authorize ATL to perform the work indicated below:
Project Mgr (Submitter): D. WATTS 12/29/11 (Date)
Print Name
Signature

Send Report To: Attn: Co: SAME AS ABOVE Address: City State Zip

Bill To: Attn: Co: SAME AS ABOVE Address: City State Zip

Special Instructions/Comments: 10% OF CAM 17 SAMPLES TO BE ANALYZED FOR PH (LAB)

Sample/Records - Archival & Disposal
Unless otherwise requested by client, all samples will be disposed 45 days after receipt and records will be disposed 1 year after submittal of final report.

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Circle or Add Analysis(es) Requested: 8081A (Pesticides), 8082 (PCB), 8260B (Volatiles), 8270C (BNA), 6010B (Total Metal), 8015B (GRO) / BTEX, 8015B (DRO), 8021 (BTEX), TITLE 22 (CAM 17 (6010/7000))

SPECIFY APPROPRIATE MATRIX: SOIL, WATER, GROUND WATER, WASTEWATER

QA/QC: RTNE ☐ CT ☒ SWRCB ☐ Logcode ____ OTHER ____

ITEM	LAB USE ONLY: Batch #: Lab No.	Sample Description: Sample I.D. / Location	Date	Time	8081A (Pesticides)	8082 (PCB)	8260B (Volatiles)	8270C (BNA)	6010B (Total Metal)	8015B (GRO) / BTEX	8015B (DRO)	8021 (BTEX)	TITLE 22 (CAM 17 (6010/7000))	SOIL	WATER	GROUND WATER	WASTEWATER	TAT	Container(s) #	Type	PRESERVATION	REMARKS
CB	1100637-151 159	G70-0	12/29/11	1358									X	X				48 HR	1	P	T	C	
CC	154 152.	G70-0.5		1359									↓	↓				↓	↓	↓	↓	↓	
CD	158 159.	G70-1.5		1400									↓	↓				↓	↓	↓	↓	↓	
CE	156 154.	G70-2.5		1401									↓	↓				↓	↓	↓	↓	↓	
CF	157 155.	G71-0		1406									↓	↓				↓	↓	↓	↓	↓	
CG	158 156.	G71-0.5		1407									↓	↓				↓	↓	↓	↓	↓	
CH	159 157.	G71-1.5		1408									↓	↓				↓	↓	↓	↓	↓	
CI	160 158.	G71-2.5	↓	1409									↓	↓				↓	↓	↓	↓	↓	

• TAT starts 8 a.m. following day if samples received after 3 p.m.

TAT: A= Overnight ≤ 24 hr B= Emergency Next workday C= Critical 2 Workdays D= Urgent 3 Workdays E= Routine 7 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=HCl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

DISTRIBUTION: White with report Yellow to folder Pink to submitter

CHAIN OF CUSTODY RECORD

Advanced Technology Laboratories
3275 Walnut Avenue
Signal Hill, CA 90755
(562) 989-4045 • Fax (562) 989-4040

FOR LABORATORY USE ONLY:

P.O.#: _____
Logged By: _____ Date: _____

Method of Transport: Client ☐ ATL ☐ CA OverN ☐ FEDEX ☐ Other: GSO

Sample Condition Upon Receipt:
1. CHILLED Y☐ N☐ 4. SEALED Y☐ N☐
2. HEADSPACE (VOA) Y☐ N☐ 5. # OF SPLS MATCH COC Y☐ N☐
3. CONTAINER INTACT Y☐ N☐ 6. PRESERVED Y☐ N☐

Client: GEOCON CONSULTANTS, INC.
Attn: L. BEADLE
Address: 6671 Brisa Street
City: Livermore State: CA Zip Code: 94550
TEL: (925) 371-5900
FAX: (925) 371-5915

Project Name: TO-16 Project #: E8560-06-16 Sampler: (Printed Name) C GUNTOLI (Signature)

Relinquished by: (Signature and Printed Name) C Gunto Date: 12/29/11 Time: 1800 Received by: (Signature and Printed Name) Date: 12/30/11 Time: 748
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:

I hereby authorize ATL to perform the work indicated below:
Project Mgr (Submitter): D. WATTS 12/29/11 (Print Name, Date)
Signature: [signature]

Send Report To: Attn: _____ Co: SAME AS ABOVE Address _____ City _____ State _____ Zip _____

Bill To: Attn: _____ Co: SAME AS ABOVE Address _____ City _____ State _____ Zip _____

Special Instructions/Comments:
10% OF CAM 17 SAMPLES TO BE ANALYZED FOR PH (LAB)

Sample/Records - Archival & Disposal
Unless otherwise requested by client, all samples will be disposed 45 days after receipt and records will be disposed 1 year after submittal of final report.
Storage Fees (applies when storage is requested):
- Sample : $2.00 / sample / mo (after 45 days)
- Records : $1.00 / ATL workorder / mo (after 1 year)

Circle or Add Analysis(es) Requested: 8081A (Pesticides), 8082 (PCB), 8260B (Volatiles), 8270C (BNA), 6010B (Total Metal), 8015B (GRO) / BTEX, 8015B (DRO), 8021 (BTEX), TITLE 22 (CAM 17 (6010 / 7000))

SPECIFY APPROPRIATE MATRIX: SOIL, WATER, GROUND WATER, WASTEWATER

QA/QC: RTNE ☐ CT ☒ SWRCB ☐ Logcode ____ OTHER ____

ITEM	LAB USE ONLY: Batch #: / Lab No.	Sample Description: Sample I.D. / Location	Date	Time	8081A (Pesticides)	8082 (PCB)	8260B (Volatiles)	8270C (BNA)	6010B (Total Metal)	8015B (GRO) / BTEX	8015B (DRO)	8021 (BTEX)	TITLE 22 (CAM 17 (6010 / 7000))	SOIL	WATER	GROUND WATER	WASTEWATER	TAT	Container(s) #	Container(s) Type	PRESERVATION	REMARKS
CJ	1100837-159	G72-0	12/29/11	1414									X	X				48 HR	1	P T	C	
CK	160	G72-0.5		1415																		
CL	161	G72-1.5		1416																		
CM	162	G72-2.5		1417																		
CN	163	G73-0		1423																		
CO	164	G73-0.5		1424																		
CP	165	G73-1.5		1425																		
CQ	166	G73-2.5		1426																		

• TAT starts 8 a.m. following day if samples received after 3 p.m.

TAT: A= Overnight ≤ 24 hr; B= Emergency Next workday; C= Critical 2 Workdays; D= Urgent 3 Workdays; E= Routine 7 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=HCl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

DISTRIBUTION: White with report Yellow to folder Pink to submitter

CHAIN OF CUSTODY RECORD

Advanced Technology Laboratories
3275 Walnut Avenue
Signal Hill, CA 90755
(562) 989-4045 • Fax (562) 989-4040

FOR LABORATORY USE ONLY:

P.O.#: _____

Logged By: _____ Date: _____

Method of Transport: Client ☐ ATL ☐ CA OverN ☐ FEDEX ☐ Other: GSO

Sample Condition Upon Receipt: 1. CHILLED Y☐ N☐ 2. HEADSPACE (VOA) Y☐ N☐ 3. CONTAINER INTACT Y☐ N☐ 4. SEALED Y☐ N☐ 5. # OF SPLS MATCH COC Y☐ N☐ 6. PRESERVED Y☐ N☐

Client: GEOCON CONSULTANTS, INC.
Attn: L. BEADLE
Address: 6671 Brisa Street
City: Livermore State: CA Zip Code: 94550
TEL: (925) 371-5900
FAX: (925) 371-5915

Project Name: TO-16 Project #: E8560-06-16 Sampler: (Printed Name) C GUNTOLI (Signature)

Relinquished by: (Signature and Printed Name) Date: 12/29/11 Time: 1800 Received by: (Signature and Printed Name) Date: 12/30/11 Time: 748

Relinquished by: (Signature and Printed Name) Date: / Time: Received by: (Signature and Printed Name) Date: Time:

Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:

I hereby authorize ATL to perform the work indicated below:
Project Mgr (Submitter): D. WATTS 12/29/11 (Print Name, Date)
Signature

Send Report To: Attn: _____ Co: SAME AS ABOVE Address _____ City _____ State _____ Zip _____

Bill To: Attn: _____ Co: SAME AS ABOVE Address _____ City _____ State _____ Zip _____

Special Instructions/Comments:
10% OF CAM 17 SAMPLES TO BE ANALYZED FOR pH (LAB)

Sample/Records - Archival & Disposal
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Circle or Add Analysis(es) Requested: 8081A (Pesticides), 8082 (PCB), 8260B (Volatiles), 8270C (BNA), 6010B (Total Metal), 8015B (GRO) / BTEX, 8015B (DRO), 8021 (BTEX), TITLE 22 CAM 17 (6010 / 7000)

SPECIFY APPROPRIATE MATRIX: SOIL, WATER, GROUND WATER, WASTEWATER

QA/QC: RTNE ☐ CT ☒ SWRCB ☐ Logcode _____ OTHER _____

ITEM	LAB USE ONLY: Batch #: / Lab No.	Sample Description: Sample I.D. / Location	Date	Time	8081A (Pesticides)	8082 (PCB)	8260B (Volatiles)	8270C (BNA)	6010B (Total Metal)	8015B (GRO) / BTEX	8015B (DRO)	8021 (BTEX)	TITLE 22 CAM 17 (6010 / 7000)	SOIL	WATER	GROUND WATER	WASTEWATER	TAT	Container(s) #	Container(s) Type	PRESERVATION	REMARKS
CR	1200837-167	G74-0	12/29/11	1435									X	X				48 HR	1	P T	C	
CS	170 168	G74-0.5		1436																		
CT	171 169	G74-1.5		1437																		
CU	172 170	G74-2.5		1438																		
CV	173 171	G75-0		1443																		
CW	174 172	G75-0.5		1444																		
CX	175 173	G75-1.5		1445																		
CY	176 174	G75-2.5		1446																		

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Preservatives: H=Hcl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

DISTRIBUTION: White with report Yellow to folder Pink to submitter

CHAIN OF CUSTODY RECORD

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P.O.#: _____
Logged By: _____ Date: _____

Method of Transport: Client ☐ ATL ☐ CA OverN ☐ FEDEX ☐ Other: GSO

Sample Condition Upon Receipt: 1. CHILLED Y☐ N☐ 2. HEADSPACE (VOA) Y☐ N☐ 3. CONTAINER INTACT Y☐ N☐ 4. SEALED Y☐ N☐ 5. # OF SPLS MATCH COC Y☐ N☐ 6. PRESERVED Y☐ N☐

Client: GEOCON CONSULTANTS, INC.
Attn: L. BEADLE
Address: 6671 Brisa Street
City: Livermore State: CA Zip Code: 94550
TEL: (925) 371-5900
FAX: (925) 371-5915

Project Name: TO-16 Project #: E8560-06-16 Sampler: (Printed Name) CGUNTON (Signature)

Relinquished by: (Signature and Printed Name) Date: 12/29/11 Time: 1800 Received by: (Signature and Printed Name) Date: 12/30/11 Time: 748
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:

I hereby authorize ATL to perform the work indicated below:
Project Mgr (Submitter): D. WATTS 12/29/11 (Print Name, Date)
Signature: [signature]

Send Report To: Attn: _____ Co: SAME AS ABOVE Address _____ City _____ State _____ Zip _____

Bill To: Attn: _____ Co: SAME AS ABOVE Address _____ City _____ State _____ Zip _____

Special Instructions/Comments: 10% OF CAM 17 SAMPLES TO BE ANALYZED FOR pH (LAB)

Sample/Records - Archival & Disposal
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- Sample : $2.00 / sample / mo (after 45 days)
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Circle or Add Analysis(es) Requested: 8081A (Pesticides), 8082 (PCB), 8260B (Volatiles), 8270C (BNA), 6010B (Total Metal), 8015B (GRO) / BTEX, 8015B (DRO), 8021 (BTEX), TITLE 22 (CAM 17 (6010 / 7000)), SOIL, WATER, GROUND WATER, WASTEWATER

ITEM	LAB USE ONLY: Batch #: / Lab No.	Sample Description: Sample I.D. / Location	Date	Time	TITLE 22 (CAM 17 (6010 / 7000))	SOIL	TAT	Container(s) #	Container(s) Type	PRESERVATION	REMARKS
CZ	1100537-177	G76-0	12/29/11	1450	X	X	48 HR	1	P	T	C
DA	178 176	G76-0.5		1451							
DB	179 177	G76-1.5		1452							
DC	180 178	G76-2.5		1453							
DD	181 179	G77-0		1456							
DE	182 180	G77-0.5		1457							
DF	183 181	G77-1.5		1458							
DG	184 182	G77-2.5		1459							

QA/QC: RTNE ☐ CT ☒ SWRCB ☐ Logcode _____ OTHER _____

• TAT starts 8 a.m. following day if samples received after 3 p.m.

TAT: A= Overnight ≤ 24 hr; B= Emergency Next workday; C= Critical 2 Workdays; D= Urgent 3 Workdays; E= Routine 7 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=HCl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

DISTRIBUTION: White with report Yellow to folder Pink to submitter

CHAIN OF CUSTODY RECORD

Advanced Technology Laboratories
3275 Walnut Avenue
Signal Hill, CA 90755
(562) 989-4045 • Fax (562) 989-4040

FOR LABORATORY USE ONLY:

P.O.#: _____

Logged By: _____ Date: _____

Method of Transport: Client ☐ ATL ☐ CA OverN ☐ FEDEX ☐ Other: GSO

Sample Condition Upon Receipt:
1. CHILLED Y☐ N☐ 4. SEALED Y☐ N☐
2. HEADSPACE (VOA) Y☐ N☐ 5. # OF SPLS MATCH COC Y☐ N☐
3. CONTAINER INTACT Y☐ N☐ 6. PRESERVED Y☐ N☐

Client: GEOCON CONSULTANTS, INC.
Attn: L. BEADLE
Address: 6671 Brisa Street
City: Livermore State: CA Zip Code: 94550
TEL: (925) 371-5900
FAX: (925) 371-5915

Project Name: TO-16 Project #: E8560-06-16 Sampler: (Printed Name) CGINTON (Signature)

Relinquished by: (Signature and Printed Name) Date: 12/29/11 Time: 1800 Received by: (Signature and Printed Name) Date: 12/30/11 Time: 748
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:

I hereby authorize ATL to perform the work indicated below:
Project Mgr (Submitter)
D. WATTS 12/29/11
Print Name Date
Signature

Send Report To:
Attn: _____
Co: SAME AS ABOVE
Address _____
City _____ State _____ Zip _____

Bill To:
Attn: _____
Co: SAME AS ABOVE
Address _____
City _____ State _____ Zip _____

Special Instructions/Comments:
10% OF CAM 17 SAMPLES TO BE ANALYZED FOR PH (LAB)

Sample/Records - Archival & Disposal
Unless otherwise requested by client, all samples will be disposed 45 days after receipt and records will be disposed 1 year after submittal of final report.

Storage Fees (applies when storage is requested):
- Sample : $2.00 / sample / mo (after 45 days)
- Records : $1.00 / ATL workorder / mo (after 1 year)

Circle or Add Analysis(es) Requested: 8081A (Pesticides), 8082 (PCB), 8260B (Volatiles), 8270C (BNA), 6010B (Total Metal), 8015B (GRO) / BTEX, 8015B (DRO), 8021 (BTEX), TITLE 22 (CAM 17 (6010 / 7000))

SPECIFY APPROPRIATE MATRIX: SOIL, WATER, GROUND WATER, WASTEWATER

QA/QC: RTNE ☐ CT ☒ SWRCB ☐ Logcode ____ OTHER ____

ITEM	LAB USE ONLY: Batch #: / Lab No.	Sample Description: Sample I.D. / Location	Date	Time	8081A (Pesticides)	8082 (PCB)	8260B (Volatiles)	8270C (BNA)	6010B (Total Metal)	8015B (GRO) / BTEX	8015B (DRO)	8021 (BTEX)	TITLE 22 (CAM 17 (6010 / 7000))	SOIL	WATER	GROUND WATER	WASTEWATER	TAT	Container(s) #	Container(s) Type	PRESERVATION	REMARKS
DH	1100837 185 183.	G78-0	12/29/11	1504									X	X				48 HR	1	P	T	C	
DI	186 184.	G78-0.5	↓	1505									↓	↓				↓	↓	↓	↓	↓	
DJ	187 185.	G78-1.5	↓	1506									↓	↓				↓	↓	↓	↓	↓	
DK	188 186.	G78-2.5	↓	1507									↓	↓				↓	↓	↓	↓	↓	
DL	189 187.	G79-0	↓	1512									↓	↓				↓	↓	↓	↓	↓	
DM	190 188.	G79-0.5	↓	1513									↓	↓				↓	↓	↓	↓	↓	
DN	191 189.	G79-1.5	↓	1514									↓	↓				↓	↓	↓	↓	↓	
DO	192 190	G79-2.5	↓	1515									↓	↓				↓	↓	↓	↓	↓	

• TAT starts 8 a.m. following day if samples received after 3 p.m.

TAT: A= Overnight ≤ 24 hr B= Emergency Next workday C= Critical 2 Workdays D= Urgent 3 Workdays E= Routine 7 Workdays

Preservatives: H=HCl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

DISTRIBUTION: White with report Yellow to folder Pink to submitter

ADVANCED TECHNOLOGY LABORATORIES

January 30, 2012

ELAP No.: 1838
NELAP No.: 02107CA
CSDLAC No.: 10196
ORELAP No.: CA300003

Luann Beadle
Geocon Consultants, Inc.
6671 Brisa Street
Livermore, CA 94550
Tel: (925) 371-5900
Fax:(925) 371-5915

Re: ATL Work Order Number : 1100837
Client Reference : TO-16, E8560-06-16

Enclosed are the results for sample(s) received on December 30, 2011 by Advanced Technology Laboratories. The sample(s) are tested for the parameters as indicated on the enclosed chain of custody in accordance with applicable laboratory certifications. The laboratory results contained in this report specifically pertains to the sample(s) submitted.

Thank you for the opportunity to serve the needs of your company. If you have any questions, please feel free to contact me or your Project Manager.

Sincerely,

Eddie Rodriguez
Laboratory Director

The cover letter and the case narrative are an integral part of this analytical report and its absence renders the report invalid. The report cannot be reproduced without written permission from the client and Advanced Technology Laboratories.

3275 Walnut Avenue, Signal Hill, CA 90755 • Tel: 562-989-4045 • Fax: 562-989-4040
www.atlglobal.com

Geocon Consultants, Inc.	Project Number : TO-16, E8560-06-16
6671 Brisa Street	Report To : Luann Beadle
Livermore , CA 94550	Reported : 01/30/2012

SUMMARY OF SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
G15-0	1100837-01	Soil	12/29/11 8:45	12/30/11 7:48
G15-2.5	1100837-04	Soil	12/29/11 8:48	12/30/11 7:48
G17-0	1100837-09	Soil	12/29/11 9:00	12/30/11 7:48
G18-0	1100837-13	Soil	12/29/11 9:08	12/30/11 7:48
G18-2.5	1100837-16	Soil	12/29/11 9:11	12/30/11 7:48
G19-0	1100837-17	Soil	12/29/11 9:15	12/30/11 7:48
G19-0.5	1100837-18	Soil	12/29/11 9:16	12/30/11 7:48
G20-1.5	1100837-23	Soil	12/29/11 9:24	12/30/11 7:48
G22-0.5	1100837-30	Soil	12/29/11 9:36	12/30/11 7:48
G23-0.5	1100837-34	Soil	12/29/11 9:45	12/30/11 7:48
G24-2.5	1100837-40	Soil	12/29/11 9:53	12/30/11 7:48
G33-0.5	1100837-42	Soil	12/29/11 9:58	12/30/11 7:48
G33-1.5	1100837-43	Soil	12/29/11 9:59	12/30/11 7:48
G40-0.5	1100837-54	Soil	12/29/11 10:19	12/30/11 7:48
G47-0	1100837-73	Soil	12/29/11 10:53	12/30/11 7:48
G47-0.5	1100837-74	Soil	12/29/11 10:54	12/30/11 7:48
G48-0.5	1100837-78	Soil	12/29/11 11:01	12/30/11 7:48
G49-0.5	1100837-82	Soil	12/29/11 11:15	12/30/11 7:48
G54-0.5	1100837-94	Soil	12/29/11 11:36	12/30/11 7:48
G55-1.5	1100837-99	Soil	12/29/11 11:44	12/30/11 7:48
G56-0	1100837-AB	Soil	12/29/11 12:10	12/30/11 7:48
G57-1.5	1100837-AH	Soil	12/29/11 12:20	12/30/11 7:48
G58-1.5	1100837-AL	Soil	12/29/11 12:27	12/30/11 7:48
G58-2.5	1100837-AM	Soil	12/29/11 12:28	12/30/11 7:48
G59-0.5	1100837-AO	Soil	12/29/11 12:33	12/30/11 7:48
G59-2.5	1100837-AQ	Soil	12/29/11 12:35	12/30/11 7:48
G61-0	1100837-AV	Soil	12/29/11 12:50	12/30/11 7:48
G61-1.5	1100837-AX	Soil	12/29/11 12:52	12/30/11 7:48
G62-1.5	1100837-BB	Soil	12/29/11 12:59	12/30/11 7:48
G63-0	1100837-BD	Soil	12/29/11 13:05	12/30/11 7:48
G63-0.5	1100837-BE	Soil	12/29/11 13:06	12/30/11 7:48
G63-1.5	1100837-BF	Soil	12/29/11 13:07	12/30/11 7:48
G63-2.5	1100837-BG	Soil	12/29/11 13:08	12/30/11 7:48
G64-0	1100837-BH	Soil	12/29/11 13:13	12/30/11 7:48

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G65-0	1100837-BL	Soil	12/29/11	13:20	12/30/11	7:48
G65-0.5	1100837-BM	Soil	12/29/11	13:21	12/30/11	7:48
G65-2.5	1100837-BO	Soil	12/29/11	13:23	12/30/11	7:48
G66-0	1100837-BP	Soil	12/29/11	13:28	12/30/11	7:48
G66-0.5	1100837-BQ	Soil	12/29/11	13:29	12/30/11	7:48
G66-1.5	1100837-BR	Soil	12/29/11	13:30	12/30/11	7:48
G66-2.5	1100837-BS	Soil	12/29/11	13:31	12/30/11	7:48
G68-0	1100837-BT	Soil	12/29/11	13:40	12/30/11	7:48
G69-0	1100837-BX	Soil	12/29/11	13:50	12/30/11	7:48
G69-1.5	1100837-BZ	Soil	12/29/11	13:52	12/30/11	7:48
G69-2.5	1100837-CA	Soil	12/29/11	13:53	12/30/11	7:48
G70-0	1100837-CB	Soil	12/29/11	13:58	12/30/11	7:48
G70-1.5	1100837-CD	Soil	12/29/11	14:00	12/30/11	7:48
G71-0	1100837-CF	Soil	12/29/11	14:06	12/30/11	7:48
G71-0.5	1100837-CG	Soil	12/29/11	14:07	12/30/11	7:48
G71-1.5	1100837-CH	Soil	12/29/11	14:08	12/30/11	7:48
G72-0	1100837-CJ	Soil	12/29/11	14:14	12/30/11	7:48
G72-0.5	1100837-CK	Soil	12/29/11	14:15	12/30/11	7:48
G72-1.5	1100837-CL	Soil	12/29/11	14:16	12/30/11	7:48
G73-0	1100837-CN	Soil	12/29/11	14:23	12/30/11	7:48
G73-1.5	1100837-CP	Soil	12/29/11	14:25	12/30/11	7:48
G74-2.5	1100837-CU	Soil	12/29/11	14:38	12/30/11	7:48
G75-0	1100837-CV	Soil	12/29/11	14:43	12/30/11	7:48
G75-1.5	1100837-CX	Soil	12/29/11	14:45	12/30/11	7:48
G76-0	1100837-CZ	Soil	12/29/11	14:50	12/30/11	7:48
G77-0.5	1100837-DE	Soil	12/29/11	14:57	12/30/11	7:48
G79-0	1100837-DL	Soil	12/29/11	15:12	12/30/11	7:48

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/30/2012

STLC Metals by ICP-AES by EPA 6010B

Analyte: Barium **Analyst: KK**

Laboratory ID	Client Sample ID	Result	Units	PQL	MDL	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1100837-82	G49-0.5	**13**	mg/L	1.0	NA	20	B2A0207	01/06/2012	01/09/12 13:09	

STLC Metals by ICP-AES by EPA 6010B

Analyte: Chromium **Analyst: KK**

Laboratory ID	Client Sample ID	Result	Units	PQL	MDL	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1100837-CH	G71-1.5	**ND**	mg/L	1.0	NA	20	B2A0207	01/06/2012	01/09/12 13:15	

Geocon Consultants, Inc.	Project Number : TO-16, E8560-06-16
6671 Brisa Street	Report To : Luann Beadle
Livermore , CA 94550	Reported : 01/30/2012

STLC Lead by AA (Direct Aspiration) by EPA 7420

Analyte: Lead **Analyst: VV**

Laboratory ID	Client Sample ID	Result	Units	PQL	MDL	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1100837-94	G54-0.5	**3.1**	mg/L	0.50	NA	1	B2A0203	01/06/2012	01/10/12 13:14	
1100837-99	G55-1.5	**4.5**	mg/L	0.50	NA	1	B2A0203	01/06/2012	01/10/12 13:15	
1100837-AB	G56-0	**4.5**	mg/L	0.50	NA	1	B2A0203	01/06/2012	01/10/12 13:15	
1100837-AH	G57-1.5	**6.0**	mg/L	0.50	NA	1	B2A0203	01/06/2012	01/10/12 13:17	
1100837-AL	G58-1.5	**8.3**	mg/L	0.50	NA	1	B2A0203	01/06/2012	01/10/12 13:17	
1100837-AM	G58-2.5	**2.4**	mg/L	0.50	NA	1	B2A0203	01/06/2012	01/10/12 13:17	
1100837-AO	G59-0.5	**2.7**	mg/L	0.50	NA	1	B2A0203	01/06/2012	01/10/12 13:18	
1100837-AQ	G59-2.5	**1.4**	mg/L	0.50	NA	1	B2A0203	01/06/2012	01/10/12 13:18	
1100837-AX	G61-1.5	**2.2**	mg/L	0.50	NA	1	B2A0203	01/06/2012	01/10/12 13:19	
1100837-BB	G62-1.5	**2.4**	mg/L	0.50	NA	1	B2A0203	01/06/2012	01/10/12 13:19	
1100837-BD	G63-0	**3.8**	mg/L	0.50	NA	1	B2A0203	01/06/2012	01/10/12 13:21	
1100837-BE	G63-0.5	**3.3**	mg/L	0.50	NA	1	B2A0203	01/06/2012	01/10/12 13:21	
1100837-BF	G63-1.5	**3.4**	mg/L	0.50	NA	1	B2A0203	01/06/2012	01/10/12 13:22	
1100837-BG	G63-2.5	**4.4**	mg/L	0.50	NA	1	B2A0203	01/06/2012	01/10/12 13:23	
1100837-BM	G65-0.5	**5.1**	mg/L	0.50	NA	1	B2A0203	01/06/2012	01/10/12 13:23	
1100837-BO	G65-2.5	**14**	mg/L	1.0	NA	2	B2A0203	01/06/2012	01/10/12 13:24	
1100837-BP	G66-0	**2.7**	mg/L	0.50	NA	1	B2A0203	01/06/2012	01/10/12 13:25	
1100837-BQ	G66-0.5	**2.4**	mg/L	0.50	NA	1	B2A0203	01/06/2012	01/10/12 13:25	
1100837-BR	G66-1.5	**2.6**	mg/L	0.50	NA	1	B2A0203	01/06/2012	01/10/12 13:25	
1100837-BS	G66-2.5	**12**	mg/L	1.0	NA	2	B2A0203	01/06/2012	01/10/12 13:27	
1100837-BT	G68-0	**3.7**	mg/L	0.50	NA	1	B2A0204	01/06/2012	01/10/12 13:30	
1100837-BX	G69-0	**13**	mg/L	1.0	NA	2	B2A0204	01/06/2012	01/10/12 13:31	
1100837-BZ	G69-1.5	**1.9**	mg/L	0.50	NA	1	B2A0204	01/06/2012	01/10/12 13:31	
1100837-CB	G70-0	**13**	mg/L	1.0	NA	2	B2A0204	01/06/2012	01/10/12 13:32	
1100837-CD	G70-1.5	**9.5**	mg/L	1.0	NA	2	B2A0204	01/06/2012	01/10/12 13:33	
1100837-CF	G71-0	**0.74**	mg/L	0.50	NA	1	B2A0204	01/06/2012	01/10/12 13:34	
1100837-CG	G71-0.5	**7.6**	mg/L	0.50	NA	1	B2A0204	01/06/2012	01/10/12 13:35	
1100837-CJ	G72-0	**4.9**	mg/L	0.50	NA	1	B2A0204	01/06/2012	01/10/12 13:35	
1100837-CU	G74-2.5	**1.9**	mg/L	0.50	NA	1	B2A0204	01/06/2012	01/10/12 13:36	
1100837-CV	G75-0	**4.6**	mg/L	0.50	NA	1	B2A0204	01/06/2012	01/10/12 13:36	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/30/2012

STLC Lead by AA (Direct Aspiration) by EPA 7420

Analyte: Lead **Analyst: VV**

Laboratory ID	Client Sample ID	Result	Units	PQL	MDL	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1100837-CX	G75-1.5	**4.4**	mg/L	0.50	NA	1	B2A0204	01/06/2012	01/10/12 13:38	
1100837-DE	G77-0.5	**2.7**	mg/L	0.50	NA	1	B2A0204	01/06/2012	01/10/12 13:38	
1100837-DL	G79-0	**2.2**	mg/L	0.50	NA	1	B2A0204	01/06/2012	01/10/12 13:40	

TCLP Lead by AA (Direct Aspiration) EPA 7420

Analyte: Lead **Analyst: VV**

Laboratory ID	Client Sample ID	Result	Units	PQL	MDL	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1100837-AV	G61-0	**ND**	mg/L	0.50	NA	1	B2A0290	01/11/2012	01/11/12 13:30	
1100837-BH	G64-0	**0.93**	mg/L	0.50	NA	1	B2A0290	01/11/2012	01/11/12 13:31	
1100837-BL	G65-0	**1.2**	mg/L	0.50	NA	1	B2A0290	01/11/2012	01/11/12 13:31	
1100837-CA	G69-2.5	**0.63**	mg/L	0.50	NA	1	B2A0290	01/11/2012	01/11/12 13:31	
1100837-CN	G73-0	**ND**	mg/L	0.50	NA	1	B2A0291	01/11/2012	01/11/12 13:34	
1100837-CZ	G76-0	**ND**	mg/L	0.50	NA	1	B2A0291	01/11/2012	01/11/12 13:34	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/30/2012

STLC Mercury by AA (Cold Vapor) EPA 7470A

Analyte: Mercury **Analyst: VV**

Laboratory ID	Client Sample ID	Result	Units	PQL	MDL	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1100837-01	G15-0	**ND**	ug/L	1.0	NA	1	B2A0631	01/25/2012	01/25/12 13:41	
1100837-04	G15-2.5	**ND**	ug/L	1.0	NA	1	B2A0631	01/25/2012	01/25/12 13:44	
1100837-09	G17-0	**ND**	ug/L	1.0	NA	1	B2A0631	01/25/2012	01/25/12 13:46	
1100837-13	G18-0	**ND**	ug/L	1.0	NA	1	B2A0631	01/25/2012	01/25/12 13:53	
1100837-16	G18-2.5	**ND**	ug/L	1.0	NA	1	B2A0631	01/25/2012	01/25/12 13:55	
1100837-17	G19-0	**ND**	ug/L	1.0	NA	1	B2A0631	01/25/2012	01/25/12 13:57	
1100837-18	G19-0.5	**ND**	ug/L	1.0	NA	1	B2A0631	01/25/2012	01/25/12 13:59	
1100837-23	G20-1.5	**ND**	ug/L	1.0	NA	1	B2A0631	01/25/2012	01/25/12 14:02	
1100837-30	G22-0.5	**ND**	ug/L	1.0	NA	1	B2A0631	01/25/2012	01/25/12 14:04	
1100837-34	G23-0.5	**ND**	ug/L	1.0	NA	1	B2A0631	01/25/2012	01/25/12 13:36	
1100837-40	G24-2.5	**ND**	ug/L	1.0	NA	1	B2A0729	01/29/2012	01/30/12 11:33	
1100837-42	G33-0.5	**ND**	ug/L	1.0	NA	1	B2A0635	01/25/2012	01/25/12 14:26	
1100837-43	G33-1.5	**ND**	ug/L	1.0	NA	1	B2A0635	01/25/2012	01/25/12 14:28	
1100837-54	G40-0.5	**ND**	ug/L	1.0	NA	1	B2A0635	01/25/2012	01/25/12 14:30	
1100837-73	G47-0	**ND**	ug/L	1.0	NA	1	B2A0635	01/25/2012	01/25/12 14:31	
1100837-74	G47-0.5	**ND**	ug/L	1.0	NA	1	B2A0635	01/25/2012	01/25/12 14:33	
1100837-78	G48-0.5	**ND**	ug/L	1.0	NA	1	B2A0635	01/25/2012	01/25/12 14:35	
1100837-CK	G72-0.5	**ND**	ug/L	1.0	NA	1	B2A0635	01/25/2012	01/25/12 14:40	
1100837-CL	G72-1.5	**ND**	ug/L	1.0	NA	1	B2A0635	01/25/2012	01/25/12 14:42	
1100837-CP	G73-1.5	**ND**	ug/L	1.0	NA	1	B2A0635	01/25/2012	01/25/12 14:23	

Geocon Consultants, Inc.	Project Number : TO-16, E8560-06-16
6671 Brisa Street	Report To : Luann Beadle
Livermore , CA 94550	Reported : 01/30/2012

QUALITY CONTROL SECTION

STLC Metals by ICP-AES by EPA 6010B - Quality Control

Analyte	Result (mg/L)	PQL (mg/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0207 - STLC Extraction									
Blank (B2A0207-BLK1)					Prepared: 1/6/2012 Analyzed: 1/9/2012				
Barium	ND	1.0			NR				
Chromium	ND	1.0			NR				
LCS (B2A0207-BS1)					Prepared: 1/6/2012 Analyzed: 1/10/2012				
Barium	1.9	0.10	2.00		97.4	85 - 115			
Chromium	1.9	0.10	2.00		93.8	85 - 115			
Duplicate (B2A0207-DUP1)		**Source: 1100837-CP**			Prepared: 1/6/2012 Analyzed: 1/9/2012				
Barium	12	1.0		14	NR		17.7	20	
Chromium	ND	1.0		0.01	NR			20	
Matrix Spike (B2A0207-MS1)		**Source: 1100837-CP**			Prepared: 1/6/2012 Analyzed: 1/9/2012				
Barium	16	0.10	2.50	14	61.7	50 - 116			
Chromium	2.3	0.10	2.50	0.01	90.5	74 - 103			
Matrix Spike Dup (B2A0207-MSD1)		**Source: 1100837-CP**			Prepared: 1/6/2012 Analyzed: 1/9/2012				
Barium	16	0.10	2.50	14	67.0	50 - 116	0.830	20	
Chromium	2.3	0.10	2.50	0.01	89.8	74 - 103	0.692	20	
Batch S2A0081 - B2A0206									
Instrument Blank (S2A0081-IBL1)					Prepared: 1/9/2012 Analyzed: 1/9/2012				
Barium	ND	0.05			NR				
Chromium	ND	0.05			NR				
Batch S2A0097 - B2A0233									
Instrument Blank (S2A0097-IBL1)					Prepared: 1/10/2012 Analyzed: 1/10/2012				
Barium	ND	0.05			NR				
Chromium	ND	0.05			NR				

Geocon Consultants, Inc.	Project Number : TO-16, E8560-06-16
6671 Brisa Street	Report To : Luann Beadle
Livermore , CA 94550	Reported : 01/30/2012

STLC Lead by AA (Direct Aspiration) by EPA 7420 - Quality Control

Analyte	Result (mg/L)	PQL (mg/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0203 - STLC Extraction									
Blank (B2A0203-BLK1)					Prepared: 1/6/2012 Analyzed: 1/10/2012				
Lead	ND	0.50			NR				
Blank (B2A0203-BLK2)					Prepared: 1/6/2012 Analyzed: 1/10/2012				
Lead	ND	0.50			NR				
LCS (B2A0203-BS1)					Prepared: 1/6/2012 Analyzed: 1/10/2012				
Lead	5.0	0.05	5.00		99.7	80 - 120			
Duplicate (B2A0203-DUP1)		**Source: 1100837-BB**			Prepared: 1/6/2012 Analyzed: 1/10/2012				
Lead	2.6	0.50		2.4	NR		8.24	20	
Duplicate (B2A0203-DUP2)		**Source: 1100837-BS**			Prepared: 1/6/2012 Analyzed: 1/10/2012				
Lead	12	1.0		12	NR		2.67	20	
Matrix Spike (B2A0203-MS1)		**Source: 1100837-BB**			Prepared: 1/6/2012 Analyzed: 1/10/2012				
Lead	7.5	0.05	5.00	2.4	103	80 - 120			
Matrix Spike (B2A0203-MS2)		**Source: 1100837-BS**			Prepared: 1/6/2012 Analyzed: 1/10/2012				
Lead	16	0.10	5.00	12	77.3	80 - 120			M1
Matrix Spike Dup (B2A0203-MSD1)		**Source: 1100837-BB**			Prepared: 1/6/2012 Analyzed: 1/10/2012				
Lead	7.3	0.05	5.00	2.4	99.0	80 - 120	2.56	20	
Batch B2A0204 - STLC Extraction									
Blank (B2A0204-BLK1)					Prepared: 1/6/2012 Analyzed: 1/10/2012				
Lead	ND	0.50			NR				
Blank (B2A0204-BLK2)					Prepared: 1/6/2012 Analyzed: 1/10/2012				
Lead	ND	0.50			NR				
LCS (B2A0204-BS1)					Prepared: 1/6/2012 Analyzed: 1/10/2012				
Lead	4.7	0.05	5.00		94.7	80 - 120			
Duplicate (B2A0204-DUP1)		**Source: 1100837-CV**			Prepared: 1/6/2012 Analyzed: 1/10/2012				
Lead	4.6	0.50		4.6	NR		0.925	20	
Duplicate (B2A0204-DUP2)		**Source: 1100837-DL**			Prepared: 1/6/2012 Analyzed: 1/10/2012				
Lead	2.3	0.50		2.2	NR		6.11	20	
Matrix Spike (B2A0204-MS1)		**Source: 1100837-CV**			Prepared: 1/6/2012 Analyzed: 1/10/2012				
Lead	9.8	0.10	5.00	4.6	103	80 - 120			
Matrix Spike (B2A0204-MS2)		**Source: 1100837-DL**			Prepared: 1/6/2012 Analyzed: 1/10/2012				
Lead	7.3	0.05	5.00	2.2	102	80 - 120			
Matrix Spike Dup (B2A0204-MSD1)		**Source: 1100837-CV**			Prepared: 1/6/2012 Analyzed: 1/10/2012				
Lead	9.7	0.10	5.00	4.6	102	80 - 120	0.752	20	
Batch S2A0095 - B2A0199									

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/30/2012

STLC Lead by AA (Direct Aspiration) by EPA 7420 - Quality Control (cont'd)

Analyte	Result (mg/L)	PQL (mg/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Instrument Blank (S2A0095-IBL1)					Prepared: 1/10/2012 Analyzed: 1/10/2012				
Lead	ND	0.50			NR				
Batch S2A0236 - B2A0475									
Instrument Blank (S2A0236-IBL1)					Prepared: 1/20/2012 Analyzed: 1/20/2012				
Lead	ND	0.50			NR				

Geocon Consultants, Inc.	Project Number : TO-16, E8560-06-16
6671 Brisa Street	Report To : Luann Beadle
Livermore , CA 94550	Reported : 01/30/2012

TCLP Lead by AA (Direct Aspiration) EPA 7420 - Quality Control

Analyte	Result (mg/L)	PQL (mg/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0290 - EPA 3010A									
Blank (B2A0290-BLK1)					Prepared: 1/11/2012 Analyzed: 1/11/2012				
Lead	ND	0.50			NR				
Blank (B2A0290-BLK2)					Prepared: 1/11/2012 Analyzed: 1/11/2012				
Lead	ND	0.50			NR				
Blank (B2A0290-BLK3)					Prepared: 1/11/2012 Analyzed: 1/11/2012				
Lead	ND	0.50			NR				
Blank (B2A0290-BLK4)					Prepared: 1/11/2012 Analyzed: 1/11/2012				
Lead	ND	0.50			NR				
LCS (B2A0290-BS1)					Prepared: 1/11/2012 Analyzed: 1/11/2012				
Lead	1.0	0.50	1.00		99.9	80 - 120			
Duplicate (B2A0290-DUP1)		**Source: 1100837-CA**			Prepared: 1/11/2012 Analyzed: 1/11/2012				
Lead	0.61	0.50		0.63	NR		2.94	20	
Duplicate (B2A0290-DUP2)		**Source: 1100828-71**			Prepared: 1/11/2012 Analyzed: 1/11/2012				
Lead	0.08	0.50		0.17	NR		66.8	20	R
Matrix Spike (B2A0290-MS1)		**Source: 1100837-CA**			Prepared: 1/11/2012 Analyzed: 1/11/2012				
Lead	3.4	0.50	2.50	0.63	110	80 - 120			
Matrix Spike (B2A0290-MS2)		**Source: 1100828-71**			Prepared: 1/11/2012 Analyzed: 1/11/2012				
Lead	2.8	0.50	2.50	0.17	103	80 - 120			
Matrix Spike Dup (B2A0290-MSD1)		**Source: 1100837-CA**			Prepared: 1/11/2012 Analyzed: 1/11/2012				
Lead	3.3	0.50	2.50	0.63	105	80 - 120	3.48	20	
Batch B2A0291 - EPA 3010A									
Blank (B2A0291-BLK1)					Prepared: 1/11/2012 Analyzed: 1/11/2012				
Lead	ND	0.50			NR				
Blank (B2A0291-BLK2)					Prepared: 1/11/2012 Analyzed: 1/11/2012				
Lead	ND	0.50			NR				
LCS (B2A0291-BS1)					Prepared: 1/11/2012 Analyzed: 1/11/2012				
Lead	1.1	0.50	1.00		111	80 - 120			
Duplicate (B2A0291-DUP1)		**Source: 1100842-86**			Prepared: 1/11/2012 Analyzed: 1/11/2012				
Lead	0.19	0.50		0.18	NR		6.22	20	
Matrix Spike (B2A0291-MS1)		**Source: 1100842-86**			Prepared: 1/11/2012 Analyzed: 1/11/2012				
Lead	2.7	0.50	2.50	0.18	102	80 - 120			
Matrix Spike Dup (B2A0291-MSD1)		**Source: 1100842-86**			Prepared: 1/11/2012 Analyzed: 1/11/2012				
Lead	2.8	0.50	2.50	0.18	105	80 - 120	2.15	20	
Batch S2A0114 - B2A0291									

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/30/2012

TCLP Lead by AA (Direct Aspiration) EPA 7420 - Quality Control (cont'd)

Analyte	Result (mg/L)	PQL (mg/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Instrument Blank (S2A0114-IBL1)					Prepared: 1/11/2012 Analyzed: 1/11/2012				
Lead	ND	0.50			NR				

Geocon Consultants, Inc.	Project Number : TO-16, E8560-06-16
6671 Brisa Street	Report To : Luann Beadle
Livermore , CA 94550	Reported : 01/30/2012

STLC Mercury by AA (Cold Vapor) EPA 7470A - Quality Control

Analyte	Result (ug/L)	PQL (ug/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0631 - EPA 245.1/7470									
Blank (B2A0631-BLK1)					Prepared: 1/25/2012 Analyzed: 1/25/2012				
Mercury	ND	0.20			NR				
Blank (B2A0631-BLK2)					Prepared: 1/25/2012 Analyzed: 1/25/2012				
Mercury	ND	0.20			NR				
LCS (B2A0631-BS1)					Prepared: 1/25/2012 Analyzed: 1/25/2012				
Mercury	11	0.20	10.0		108	85 - 115			
Duplicate (B2A0631-DUP1)		**Source: 1100837-34**			Prepared: 1/25/2012 Analyzed: 1/25/2012				
Mercury	ND	1.0		ND	NR			20	
Matrix Spike (B2A0631-MS1)		**Source: 1100837-34**			Prepared: 1/25/2012 Analyzed: 1/25/2012				
Mercury	2.0	1.0	50.0	ND	4.08	70 - 130			M1
Matrix Spike Dup (B2A0631-MSD1)		**Source: 1100837-34**			Prepared: 1/25/2012 Analyzed: 1/25/2012				
Mercury	1.9	1.0	50.0	ND	3.77	70 - 130	7.89	20	M1
Batch B2A0635 - EPA 245.1/7470									
Blank (B2A0635-BLK1)					Prepared: 1/25/2012 Analyzed: 1/25/2012				
Mercury	ND	0.20			NR				
Blank (B2A0635-BLK2)					Prepared: 1/25/2012 Analyzed: 1/25/2012				
Mercury	ND	0.20			NR				
LCS (B2A0635-BS1)					Prepared: 1/25/2012 Analyzed: 1/25/2012				
Mercury	11	0.20	10.0		107	85 - 115			
Duplicate (B2A0635-DUP1)		**Source: 1100837-CP**			Prepared: 1/25/2012 Analyzed: 1/25/2012				
Mercury	ND	1.0		ND	NR			20	
Matrix Spike (B2A0635-MS1)		**Source: 1100837-CP**			Prepared: 1/25/2012 Analyzed: 1/25/2012				
Mercury	1.9	1.0	50.0	ND	3.80	70 - 130			M1
Matrix Spike Dup (B2A0635-MSD1)		**Source: 1100837-CP**			Prepared: 1/25/2012 Analyzed: 1/25/2012				
Mercury	2.0	1.0	50.0	ND	3.93	70 - 130	3.34	20	M1
Batch B2A0729 - EPA 245.1/7470									
Blank (B2A0729-BLK1)					Prepared: 1/29/2012 Analyzed: 1/30/2012				
Mercury	ND	0.20			NR				
Blank (B2A0729-BLK2)					Prepared: 1/29/2012 Analyzed: 1/30/2012				
Mercury	ND	0.20			NR				
LCS (B2A0729-BS1)					Prepared: 1/29/2012 Analyzed: 1/30/2012				
Mercury	10		10.0		104	85 - 115			
Duplicate (B2A0729-DUP1)		**Source: 1100837-40**			Prepared: 1/29/2012 Analyzed: 1/30/2012				
Mercury	ND	0.20		ND	NR			20	

Geocon Consultants, Inc.	Project Number : TO-16, E8560-06-16
6671 Brisa Street	Report To : Luann Beadle
Livermore , CA 94550	Reported : 01/30/2012

STLC Mercury by AA (Cold Vapor) EPA 7470A - Quality Control (cont'd)

Analyte	Result (ug/L)	PQL (ug/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0729 - EPA 245.1/7470 (continued)									
Duplicate (B2A0729-DUP1) - Continued		**Source: 1100837-40**			Prepared: 1/29/2012 Analyzed: 1/30/2012				
Matrix Spike (B2A0729-MS1)		**Source: 1100837-40**			Prepared: 1/29/2012 Analyzed: 1/30/2012				
Mercury	9.6		10.0	0.03	95.4	70 - 130			
Matrix Spike Dup (B2A0729-MSD1)		**Source: 1100837-40**			Prepared: 1/29/2012 Analyzed: 1/30/2012				
Mercury	8.8		10.0	0.03	87.6	70 - 130	8.53	20	
Batch S2A0287 - B2A0635									
Instrument Blank (S2A0287-IBL1)					Prepared: 1/25/2012 Analyzed: 1/25/2012				
Mercury	ND	0.20			NR				
Batch S2A0334 - B2A0729									
Instrument Blank (S2A0334-IBL1)					Prepared: 1/30/2012 Analyzed: 1/30/2012				
Mercury	ND	0.20			NR				

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/30/2012

Notes and Definitions

R	RPD value outside acceptance criteria. Calculation is based on raw values.
M1	Matrix spike recovery outside of acceptance limit. The analytical batch was validated by the laboratory control sample.
ND	Analyte not detected at or above reporting limit
PQL	Practical Quantitation Limit
MDL	Method Detection Limit
NR	Not Reported
RPD	Relative Percent Difference

Diane Galvan

From: Luann Beadle [beadle@geoconinc.com]
Sent: Thursday, January 05, 2012 2:33 PM
To: Diane Galvan
Subject: TO-16 Lab Results: 1100809, 1100820, 1100821, 1100825, 1100828, 1100836, & 1100837

Hi Diane,

Following you will find a copy of Caltrans' requested additional WET analyses, organized by metal, then Lab Order Number. I know it is a little lengthy, so if you need extra help sorting, let me know. Please run them on an expedited TAT.

LEAD

File 1100809.xls
WET:

G382-0
G427-0
G508-0.5
G420-0
G378-0.5
G473-0
G489-1.5
G374-0.5
G418-0
G420-0.5
G372-0
G476-0
G471-0
G375-0.5
G426-0.5
G380-1.5
G477-1.5
G373-0.5
G473-0.5

G379-0.5
G378-0
G426-0
G483-2.5
G469-0
G380-0.5
G478-2.5
G487-1.5
G376-0
G474-0
G373-0
G376-0.5
G481-0
G476-2.5
G481-2.5
G422-0
G479-0
G479-0.5
G482-1.5
G486-2.5
G484-0
G484-0.5
G489-0
G489-0.5
G491-0
G422-0.5

TCLP:

|---|
|G495-0 |

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File 1100820.xls
WET:

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|G512-1.5     |
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|G515-1.5     |
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|G467-0.5     |
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|G463-2.5     |
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|G517-2.5     |
|-------------|
|G466-0.5     |
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|G464-1.5     |
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|G516-0.5     |
|-------------|
|G517-0.5     |
|-------------|
|G463-1.5     |
|-------------|
|G518-1.5     |
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|G510-1.5     |
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|G519-1.5     |
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|G517-1.5     |
|-------------|
|G521-2.5     |
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TCLP:

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|G520-1.5     |
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File 1100821.xls
WET:

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|G507-1.5     |
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|G244-0.5     |
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|G207-0.5     |
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|G245-0.5     |
|-------------|
|G247-0       |
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G325-0.5
G229-0.5
G327-0
G326-0
G241-0
G225-0
G207-0
G206-0
G262-0.5
G259-0.5
G258-0.5
G224-0
G390-0.5
G325-0
G248-0.5
G205-0.5
G390-2.5
G366-.5
G247-0.5
G209-0
G387-1.5
G388-2.5
G239-0.5
G260-0.5
G242-0.5
G367-.5
G391-2.5
G255-0

G229-0
G208-0
G242-0
G387-.5
G259-0
G239-0
G241-0.5
G205-0
G263-0.5
G391-1.5
G251-0.5
G383-0
G252-0
G389-0.5

TCLP:

|---|
G258-0
G260-0
G263-0
G391-0.5
G386-0.5
G238-0
G251-0
G262-0
G324-0
G226-0.5
G385-0
G384-0
G388-0

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|G386-0       |
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|G261-0       |
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|G226-0       |
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|G388-.5      |
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|G254-0       |
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|G388-1.5     |
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|G390-0       |
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|-------------|
|G387-0       |
|-------------|
|G391-0       |
|-------------|
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File 1100825.xls
WET:

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|G273-0.5      |
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|G275-0.5      |
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|G311-0.5      |
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|G269-0.5      |
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|G272-1.5      |
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|G285-0.5      |
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|G270-0.5      |
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|G308-2.5      |
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|G290-0.5      |
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|G279-0.5      |
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|G301-0.5      |
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|G269-1.5      |
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|G281-1.5      |
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|G284-0.5      |
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|G266-0.5      |
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|G282-0.5      |
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|G277-0.5      |
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|G304-0        |
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|G314-0.5      |
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|G280-0.5      |
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|G280-0        |
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|G300-0.5      |
|--------------|
|G267-0.5      |
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|G278-1.5      |
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|G277-0        |
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|G281-0        |
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|G281-0.5      |
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|G290-1.5      |
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|G296-0.5      |
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|G283-0        |
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|G287-0.5      |
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|G304-0.5      |
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|G310-0        |
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|G264-0.5      |
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|G298-0        |
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|W-ALAM-C1-1.5 |
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|G284-0        |
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|G294-0        |
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|G310-0.5      |
|--------------|
|G313-0.5      |
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|G278-0        |
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|G287-0        |
|--------------|
|G266-1.5      |
|--------------|
|G282-0        |
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G274-0
G302-0
G312-0.5
G276-0
G296-0
G270-0
G271-0
G279-0
G266-0
G274-0.5
G286-0.5
G272-0
G286-0

TCLP:

G285-0
G264-0
G273-0
G267-0
G269-0
G293-0
G297-0
G275-0
W-ALAM-C1-0
G308-0.5
G268-0
G301-0
G290-0

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|G303-0        |
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|G311-0        |
|--------------|
|G300-0        |
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|G314-0        |
|--------------|
|G307-0.5      |
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|G305-0        |
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|G306-0.5      |
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|G312-0        |
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|G313-0        |
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File 1100828.xls
WET:

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|G11-0        |
|-------------|
|G99-.5       |
|-------------|
|G9-.5        |
|-------------|
|G14-.5       |
|-------------|
|G101-.5      |
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|G111-0       |
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|G150-0       |
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|G9-0         |
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|G10-0        |
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|G12-0        |
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|G13-.5       |
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|G107-0       |
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|G148-.5      |
|-------------|
|G149-0       |
|-------------|
|G4-.5        |
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|G3-.5        |
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|G11-.5       |
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|G106-0       |
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|G115-0       |
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|G117-.5      |
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|G98-.5       |
|-------------|
|G110-0       |
|-------------|
|G139-.5      |
|-------------|
|G145-.5      |
|-------------|
|G116-.5      |
|-------------|
|G28-.5       |
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|G97-.5       |
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|G115-.5      |
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|G29-.5       |
|-------------|
|G98-0        |
|-------------|
|G117-0       |
|-------------|
|G150-.5      |
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|G138-.5      |
|-------------|
|G29-0        |
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|G30-.5       |
|-------------|
|G101-0       |
|-------------|
|G146-0       |
|-------------|
|G27-0        |
|-------------|
|G31-.5       |
|-------------|
|G28-0        |
|-------------|
|G97-0        |
|-------------|
|G120-0       |
|-------------|
```

G118-.5
G12-.5
G119-.5
G32-0
G96-0
G149-.5
G116-0
G119-0
G2-.5

TCLP:

|---|
G27-.5
G6-0
G136-0
G99-0
G135-0
G30-0
G5-0
G96-.5
G139-0
G5-.5
G2-0
G3-0

File 1100836.xls

WET:

|---|
G124-0
G155-.5
G158-0

G127-0
G172-0.5
G430-0
G127-.5
G157-0
G333-0
G178-0
G434-0
G156-0
G179-0
G320-0
G153-.5
G220-0
G154-.5
G235-0
G126-.5
G155-0
G321-0
G319-0
G317-0
G172-0
G232-0
G316-0
G124-.5
G236-0

TCLP:

G232-0.5

```
|G233-0       |
|-------------|
```

File 1100837.xls
WET:

```
|-------------|
|G66-1.5      |
|-------------|
|G74-2.5      |
|-------------|
|G66-0.5      |
|-------------|
|G69-1.5      |
|-------------|
|G71-0        |
|-------------|
|G79-0        |
|-------------|
|G63-1.5      |
|-------------|
|G59-0.5      |
|-------------|
|G77-0.5      |
|-------------|
|G57-1.5      |
|-------------|
|G63-2.5      |
|-------------|
|G65-0.5      |
|-------------|
|G62-1.5      |
|-------------|
|G54-0.5      |
|-------------|
|G63-0.5      |
|-------------|
|G56-0        |
|-------------|
|G66-0        |
|-------------|
|G63-0        |
|-------------|
|G61-1.5      |
|-------------|
|G75-0        |
|-------------|
|G75-1.5      |
|-------------|
|G68-0        |
|-------------|
|G55-1.5      |
|-------------|
|G72-0        |
|-------------|
|G58-1.5      |
```

|---|
G71-0.5
G70-1.5
G59-2.5
G66-2.5
G69-0
G70-0
G58-2.5
G65-2.5

TCLP:

|---|
G73-0
G64-0
G69-2.5
G61-0
G65-0
G76-0

CHROMIUM

File 1100809.xls
WET:

|---|
G426-0
G420-0
G424-0.5
G422-0
G422-0.5
G420-0.5
G420-1.5
G424-2.5

```
|-------------|
|G426-1.5     |
|-------------|
```

File 1100820.xls
WET:

```
|-------------|
|G463-0       |
|-------------|
|G519-1.5     |
|-------------|
```

File 1100821.xls
WET:

```
|-------------|
|G417-0       |
|-------------|
```

File 1100837.xls
WET:

```
|-------------|
|G71-1.5      |
|-------------|
```

NICKEL

File 1100809.xls
WET:

```
|-------------|
|G426-1.5     |
|-------------|
|G424-2.5     |
|-------------|
```

BARIUM

File 1100837.xls
WET:

```
|-------------|
|G49-0.5      |
|-------------|
```

MERCURY

File 1100837.xls
WET:

G15-0
G15-2.5
G72-1.5
G18-2.5
G18-0
G24-2.5
G22-0.5
G47-0
G33-0.5
G19-0
G40-0.5
G20-1.5
G47-0.5
G48-0.5
G23-0.5
G19-0.5
G33-1.5
G72-0.5
G73-1.5
G17-0

As always, thank you very much.
Luann

ADVANCED TECHNOLOGY LABORATORIES

January 17, 2012

ELAP No.: 1838
NELAP No.: 02107CA
CSDLAC No.: 10196
ORELAP No.: CA300003

Luann Beadle
Geocon Consultants, Inc.
6671 Brisa Street
Livermore, CA 94550
Tel: (925) 371-5900
Fax:(925) 371-5915

Re: ATL Work Order Number : 1100837
Client Reference : TO-16, E8560-06-16

Enclosed are the results for sample(s) received on December 30, 2011 by Advanced Technology Laboratories. The sample(s) are tested for the parameters as indicated on the enclosed chain of custody in accordance with applicable laboratory certifications. The laboratory results contained in this report specifically pertains to the sample(s) submitted.

Thank you for the opportunity to serve the needs of your company. If you have any questions, please feel free to contact me or your Project Manager.

Sincerely,

Eddie Rodriguez
Laboratory Director

The cover letter and the case narrative are an integral part of this analytical report and its absence renders the report invalid. The report cannot be reproduced without written permission from the client and Advanced Technology Laboratories.

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www.atlglobal.com

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/17/2012

SUMMARY OF SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
G57-1.5	1100837-AH	Soil	12/29/11 12:20	12/30/11 7:48
G58-1.5	1100837-AL	Soil	12/29/11 12:27	12/30/11 7:48
G65-0.5	1100837-BM	Soil	12/29/11 13:21	12/30/11 7:48
G65-2.5	1100837-BO	Soil	12/29/11 13:23	12/30/11 7:48
G66-2.5	1100837-BS	Soil	12/29/11 13:31	12/30/11 7:48
G69-0	1100837-BX	Soil	12/29/11 13:50	12/30/11 7:48
G70-0	1100837-CB	Soil	12/29/11 13:58	12/30/11 7:48
G70-1.5	1100837-CD	Soil	12/29/11 14:00	12/30/11 7:48
G71-0.5	1100837-CG	Soil	12/29/11 14:07	12/30/11 7:48

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/17/2012

STLC-DI Lead by AA (Direct Aspiration) EPA 7420

Analyte: Lead **Analyst: VV**

Laboratory ID	Client Sample ID	Result	Units	PQL	MDL	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1100837-AH	G57-1.5	**ND**	mg/L	0.50	NA	1	B2A0370	01/14/2012	01/16/12 17:26	
1100837-AL	G58-1.5	**ND**	mg/L	0.50	NA	1	B2A0370	01/14/2012	01/16/12 17:27	
1100837-BM	G65-0.5	**ND**	mg/L	0.50	NA	1	B2A0370	01/14/2012	01/16/12 17:27	
1100837-BO	G65-2.5	**ND**	mg/L	0.50	NA	1	B2A0370	01/14/2012	01/16/12 17:29	
1100837-BS	G66-2.5	**ND**	mg/L	0.50	NA	1	B2A0370	01/14/2012	01/16/12 17:29	
1100837-BX	G69-0	**ND**	mg/L	0.50	NA	1	B2A0370	01/14/2012	01/16/12 17:29	
1100837-CB	G70-0	**ND**	mg/L	0.50	NA	1	B2A0370	01/14/2012	01/16/12 17:30	
1100837-CD	G70-1.5	**ND**	mg/L	0.50	NA	1	B2A0370	01/14/2012	01/16/12 17:30	
1100837-CG	G71-0.5	**ND**	mg/L	0.50	NA	1	B2A0370	01/14/2012	01/16/12 17:30	

Geocon Consultants, Inc.	Project Number : TO-16, E8560-06-16
6671 Brisa Street	Report To : Luann Beadle
Livermore , CA 94550	Reported : 01/17/2012

QUALITY CONTROL SECTION

STLC-DI Lead by AA (Direct Aspiration) EPA 7420 - Quality Control

Analyte	Result (mg/L)	PQL (mg/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0370 - STLC DI Extraction									
Blank (B2A0370-BLK1)					Prepared: 1/14/2012 Analyzed: 1/16/2012				
Lead	ND	0.50			NR				
Blank (B2A0370-BLK2)					Prepared: 1/14/2012 Analyzed: 1/16/2012				
Lead	ND	0.50			NR				
LCS (B2A0370-BS1)					Prepared: 1/14/2012 Analyzed: 1/16/2012				
Lead	5.1	0.05	5.00		101	80 - 120			
Duplicate (B2A0370-DUP1)		**Source: 1100837-BM**			Prepared: 1/14/2012 Analyzed: 1/16/2012				
Lead	0.16	0.50		0.12	NR		29.6	20	R
Duplicate (B2A0370-DUP2)		**Source: 1100842-23**			Prepared: 1/14/2012 Analyzed: 1/16/2012				
Lead	0.21	0.50		ND	NR			20	
Matrix Spike (B2A0370-MS1)		**Source: 1100837-BM**			Prepared: 1/14/2012 Analyzed: 1/16/2012				
Lead	5.1	0.05	5.00	0.12	99.5	80 - 120			
Matrix Spike (B2A0370-MS2)		**Source: 1100842-23**			Prepared: 1/14/2012 Analyzed: 1/16/2012				
Lead	5.0	0.05	5.00	ND	99.3	80 - 120			
Matrix Spike Dup (B2A0370-MSD1)		**Source: 1100837-BM**			Prepared: 1/14/2012 Analyzed: 1/16/2012				
Lead	5.1	0.05	5.00	0.12	98.9	80 - 120	0.607	20	
Batch S2A0168 - B2A0372									
Instrument Blank (S2A0168-IBL1)					Prepared: 1/16/2012 Analyzed: 1/16/2012				
Lead	ND	0.50			NR				

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/17/2012

Notes and Definitions

R	RPD value outside acceptance criteria. Calculation is based on raw values.
ND	Analyte not detected at or above reporting limit
PQL	Practical Quantitation Limit
MDL	Method Detection Limit
NR	Not Reported
RPD	Relative Percent Difference

Diane Galvan

From: Luann Beadle [beadle@geoconinc.com]
Sent: Thursday, January 12, 2012 11:53 AM
To: Diane Galvan
Subject: Additional Results/EDD - TO-16 (1100837add1.xls)

Hi Diane,

Per Caltrans, please do the following on an expedited TAT:

Run DI-WET for the following:

Sample Name	Lab Sample ID	Analyte
G65-0.5	1100837-BM	Lead
G57-1.5	1100837-AH	Lead
G71-0.5	1100837-CG	Lead
G58-1.5	1100837-AL	Lead
G70-1.5	1100837-CD	Lead
G66-2.5	1100837-BS	Lead
G69-0	1100837-BX	Lead
G70-0	1100837-CB	Lead
G65-2.5	1100837-BO	Lead

Thank you,
Luann

ADVANCED TECHNOLOGY LABORATORIES

January 20, 2012

ELAP No.: 1838
NELAP No.: 02107CA
CSDLAC No.: 10196
ORELAP No.: CA300003

Luann Beadle
Geocon Consultants, Inc.
6671 Brisa Street
Livermore, CA 94550
Tel: (925) 371-5900
Fax:(925) 371-5915

Re: ATL Work Order Number : 1100837
Client Reference : TO-16, E8560-06-16

Enclosed are the results for sample(s) received on December 30, 2011 by Advanced Technology Laboratories. The sample(s) are tested for the parameters as indicated on the enclosed chain of custody in accordance with applicable laboratory certifications. The laboratory results contained in this report specifically pertains to the sample(s) submitted.

Thank you for the opportunity to serve the needs of your company. If you have any questions, please feel free to contact me or your Project Manager.

Sincerely,

Eddie Rodriguez
Laboratory Director

The cover letter and the case narrative are an integral part of this analytical report and its absence renders the report invalid. The report cannot be reproduced without written permission from the client and Advanced Technology Laboratories.

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www.atlglobal.com

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/20/2012

SUMMARY OF SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
G61-0	1100837-AV	Soil	12/29/11 12:50	12/30/11 7:48
G64-0	1100837-BH	Soil	12/29/11 13:13	12/30/11 7:48
G65-0	1100837-BL	Soil	12/29/11 13:20	12/30/11 7:48
G69-2.5	1100837-CA	Soil	12/29/11 13:53	12/30/11 7:48
G73-0	1100837-CN	Soil	12/29/11 14:23	12/30/11 7:48
G76-0	1100837-CZ	Soil	12/29/11 14:50	12/30/11 7:48

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/20/2012

STLC Lead by AA (Direct Aspiration) by EPA 7420

Analyte: Lead **Analyst: VV**

Laboratory ID	Client Sample ID	Result	Units	PQL	MDL	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1100837-AV	G61-0	**9.4**	mg/L	0.50	NA	1	B2A0459	01/18/2012	01/20/12 12:14	
1100837-BH	G64-0	**37**	mg/L	2.5	NA	5	B2A0459	01/18/2012	01/20/12 12:15	
1100837-BL	G65-0	**49**	mg/L	5.0	NA	10	B2A0459	01/18/2012	01/20/12 12:18	
1100837-CA	G69-2.5	**21**	mg/L	2.5	NA	5	B2A0459	01/18/2012	01/20/12 12:20	
1100837-CN	G73-0	**2.9**	mg/L	0.50	NA	1	B2A0459	01/18/2012	01/20/12 12:20	
1100837-CZ	G76-0	**26**	mg/L	2.5	NA	5	B2A0459	01/18/2012	01/20/12 12:22	

Geocon Consultants, Inc.	Project Number : TO-16, E8560-06-16
6671 Brisa Street	Report To : Luann Beadle
Livermore , CA 94550	Reported : 01/20/2012

QUALITY CONTROL SECTION

STLC Lead by AA (Direct Aspiration) by EPA 7420 - Quality Control

Analyte	Result (mg/L)	PQL (mg/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0459 - STLC Extraction									
Blank (B2A0459-BLK1)					Prepared: 1/18/2012 Analyzed: 1/20/2012				
Lead	ND	0.50			NR				
Blank (B2A0459-BLK2)					Prepared: 1/18/2012 Analyzed: 1/20/2012				
Lead	ND	0.50			NR				
LCS (B2A0459-BS1)					Prepared: 1/18/2012 Analyzed: 1/20/2012				
Lead	4.9	0.05	5.00		98.8	80 - 120			
Duplicate (B2A0459-DUP2)		**Source: 1200023-28**			Prepared: 1/18/2012 Analyzed: 1/20/2012				
Lead	26	2.5		25	NR		4.72	20	
Matrix Spike (B2A0459-MS1)		**Source: 1100837-CN**			Prepared: 1/18/2012 Analyzed: 1/20/2012				
Lead	8.0	0.05	5.00	2.9	102	80 - 120			
Matrix Spike (B2A0459-MS2)		**Source: 1200023-28**			Prepared: 1/18/2012 Analyzed: 1/20/2012				
Lead	31	0.25	5.00	25	124	80 - 120			M1
Matrix Spike Dup (B2A0459-MSD1)		**Source: 1100837-CN**			Prepared: 1/18/2012 Analyzed: 1/20/2012				
Lead	8.1	0.05	5.00	2.9	104	80 - 120	0.964	20	
Batch S2A0095 - B2A0199									
Instrument Blank (S2A0095-IBL1)					Prepared: 1/10/2012 Analyzed: 1/10/2012				
Lead	ND	0.50			NR				
Batch S2A0236 - B2A0475									
Instrument Blank (S2A0236-IBL1)					Prepared: 1/20/2012 Analyzed: 1/20/2012				
Lead	ND	0.50			NR				

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/20/2012

Notes and Definitions

M1	Matrix spike recovery outside of acceptance limit. The analytical batch was validated by the laboratory control sample.
ND	Analyte not detected at or above reporting limit
PQL	Practical Quantitation Limit
MDL	Method Detection Limit
NR	Not Reported
RPD	Relative Percent Difference

Diane Galvan

From: Luann Beadle [beadle@geoconinc.com]
Sent: Tuesday, January 17, 2012 3:55 PM
To: Diane Galvan
Subject: TO-16 Lab Results: 1100809, 1100820, 1100821, 1100825, 1100828, 1100836, & 1100837 Spreadsheets - Run Soluble Metals

Hello Diane,
Per Caltrans, please run the following analyses on an expedited TAT.
Thank you,
Luann

Please run WETs for the samples below.

Sample Name - Lab Sample ID - Analyte

FILE 1100809.xls

G495-0	1100809-GN	Lead

FILE 1100820.xls

G520-1.5	1100820-67	Lead

FILE 1100821.xls

G258-0	1100821-72	Lead
G260-0	1100821-76	Lead
G263-0	1100821-82	Lead
G391-0.5	1100821-33	Lead
G386-0.5	1100821-37	Lead
G238-0	1100821-98	Lead
G251-0	1100821-86	Lead
G262-0	1100821-80	Lead
G324-0	1100821-BW	Lead
G226-0.5	1100821-AZ	Lead
G385-0	1100821-68	Lead
G384-0	1100821-64	Lead
G388-0	1100821-56	Lead

G386-0	1100821-36	Lead
G261-0	1100821-78	Lead
G226-0	1100821-AY	Lead
G388-.5	1100821-57	Lead
G254-0	1100821-92	Lead
G388-1.5	1100821-58	Lead
G390-0	1100821-28	Lead
G389-0	1100821-24	Lead
G387-0	1100821-52	Lead
G391-0	1100821-32	Lead

FILE 1100825.xls

G285-0	1100825-85	Lead
G264-0	1100825-01	Lead
G273-0	1100825-37	Lead
G267-0	1100825-09	Lead
G269-0	1100825-21	Lead
G293-0	1100825-AJ	Lead
G297-0	1100825-AZ	Lead
G275-0	1100825-45	Lead
W-ALAM-C1-0	1100825-17	Lead
G308-0.5	1100825-CS	Lead
G268-0	1100825-13	Lead
G301-0	1100825-BP	Lead
G290-0	1100825-AB	Lead
G303-0	1100825-BX	Lead
G311-0	1100825-DD	Lead
G300-0	1100825-BL	Lead

G314-0	1100825-DP	Lead
G307-0.5	1100825-CO	Lead
G305-0	1100825-CF	Lead
G306-0.5	1100825-CK	Lead
G312-0	1100825-DH	Lead
G313-0	1100825-DL	Lead

FILE 1100828.xls

G27-.5	1100828-74	Lead
G6-0	1100828-71	Lead
G136-0	1100828-27	Lead
G99-0	1100828-AP	Lead
G135-0	1100828-25	Lead
G30-0	1100828-79	Lead
G5-0	1100828-69	Lead
G96-.5	1100828-AK	Lead
G139-0	1100828-33	Lead
G5-.5	1100828-70	Lead
G2-0	1100828-63	Lead
G3-0	1100828-65	Lead

FILE 1100836.xls

G232-0.5	1100836-52	Lead
G233-0	1100836-53	Lead

FILE 1100837.xls

G73-0	1100837-CN	Lead
G64-0	1100837-BH	Lead

G69-2.5	1100837-CA	Lead
G61-0	1100837-AV	Lead
G65-0	1100837-BL	Lead
G76-0	1100837-CZ	Lead

ADVANCED TECHNOLOGY LABORATORIES

February 03, 2012

ELAP No.: 1838
NELAP No.: 02107CA
CSDLAC No.: 10196
ORELAP No.: CA300003

Luann Beadle
Geocon Consultants, Inc.
6671 Brisa Street
Livermore, CA 94550
Tel: (925) 371-5900
Fax:(925) 371-5915

Re: ATL Work Order Number : 1100837
Client Reference : TO-16, E8560-06-16

Enclosed are the results for sample(s) received on December 30, 2011 by Advanced Technology Laboratories. The sample(s) are tested for the parameters as indicated on the enclosed chain of custody in accordance with applicable laboratory certifications. The laboratory results contained in this report specifically pertains to the sample(s) submitted.

Thank you for the opportunity to serve the needs of your company. If you have any questions, please feel free to contact me or your Project Manager.

Sincerely,

Eddie Rodriguez
Laboratory Director

The cover letter and the case narrative are an integral part of this analytical report and its absence renders the report invalid. The report cannot be reproduced without written permission from the client and Advanced Technology Laboratories.

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Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	02/03/2012

SUMMARY OF SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
G79-2.5	1100837-DO	Soil	12/29/11 15:15	12/30/11 7:48

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	02/03/2012

Client Sample ID G79-2.5
Lab ID: 1100837-DO

Total Metals by ICP-AES EPA 6010B **Analyst: CB**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	10	NA	5	B2B0090	02/03/2012	02/03/12 14:02	
Arsenic	ND	5.0	NA	5	B2B0090	02/03/2012	02/03/12 14:02	
Barium	**53**	5.0	NA	5	B2B0090	02/03/2012	02/03/12 14:02	
Beryllium	ND	5.0	NA	5	B2B0090	02/03/2012	02/03/12 14:02	
Cadmium	ND	5.0	NA	5	B2B0090	02/03/2012	02/03/12 14:02	
Chromium	**13**	5.0	NA	5	B2B0090	02/03/2012	02/03/12 14:02	
Cobalt	ND	5.0	NA	5	B2B0090	02/03/2012	02/03/12 14:02	
Copper	ND	10	NA	5	B2B0090	02/03/2012	02/03/12 14:02	
Lead	**19**	5.0	NA	5	B2B0090	02/03/2012	02/03/12 14:02	
Molybdenum	ND	5.0	NA	5	B2B0090	02/03/2012	02/03/12 14:02	
Nickel	**19**	5.0	NA	5	B2B0090	02/03/2012	02/03/12 14:02	
Selenium	ND	5.0	NA	5	B2B0090	02/03/2012	02/03/12 14:02	
Silver	ND	5.0	NA	5	B2B0090	02/03/2012	02/03/12 14:02	
Thallium	ND	5.0	NA	5	B2B0090	02/03/2012	02/03/12 14:02	
Vanadium	**16**	5.0	NA	5	B2B0090	02/03/2012	02/03/12 14:02	
Zinc	**41**	5.0	NA	5	B2B0090	02/03/2012	02/03/12 14:02	

Geocon Consultants, Inc.	Project Number :	TO-16, E8560-06-16
6671 Brisa Street	Report To :	Luann Beadle
Livermore , CA 94550	Reported :	02/03/2012

QUALITY CONTROL SECTION

Total Metals by ICP-AES EPA 6010B - Quality Control

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2B0090 - EPA 3050B									
Blank (B2B0090-BLK1)				Prepared: 2/3/2012 Analyzed: 2/3/2012					
Antimony	ND	2.0			NR				
Arsenic	ND	1.0			NR				
Barium	ND	1.0			NR				
Beryllium	ND	1.0			NR				
Cadmium	ND	1.0			NR				
Chromium	ND	1.0			NR				
Cobalt	ND	1.0			NR				
Copper	ND	2.0			NR				
Lead	ND	1.0			NR				
Molybdenum	ND	1.0			NR				
Nickel	ND	1.0			NR				
Selenium	ND	1.0			NR				
Silver	ND	1.0			NR				
Thallium	ND	1.0			NR				
Vanadium	ND	1.0			NR				
Zinc	ND	1.0			NR				
LCS (B2B0090-BS1)				Prepared: 2/3/2012 Analyzed: 2/3/2012					
Antimony	48	2.0	50.0		95.3	80 - 120			
Arsenic	47	1.0	50.0		94.3	80 - 120			
Barium	49	1.0	50.0		98.5	80 - 120			
Beryllium	48	1.0	50.0		96.6	80 - 120			
Cadmium	46	1.0	50.0		92.6	80 - 120			
Chromium	47	1.0	50.0		94.5	80 - 120			
Cobalt	47	1.0	50.0		94.6	80 - 120			
Copper	49	2.0	50.0		98.9	80 - 120			
Lead	50	1.0	50.0		99.5	80 - 120			
Molybdenum	52	1.0	50.0		104	80 - 120			
Nickel	46	1.0	50.0		92.7	80 - 120			
Selenium	47	1.0	50.0		93.4	80 - 120			
Silver	48	1.0	50.0		95.5	80 - 120			
Thallium	49	1.0	50.0		97.7	80 - 120			
Vanadium	50	1.0	50.0		99.3	80 - 120			
Zinc	47	1.0	50.0		93.0	80 - 120			
Duplicate (B2B0090-DUP1)		**Source: 1100837-DORE1**		Prepared: 2/3/2012 Analyzed: 2/3/2012					
Antimony	ND	10		ND	NR			20	
Arsenic	1.3	5.0		1.6	NR		20.9	20	R
Barium	42	5.0		53	NR		23.4	20	R
Beryllium	0.48	5.0		0.55	NR		13.6	20	

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Livermore , CA 94550	Reported : 02/03/2012

Total Metals by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2B0090 - EPA 3050B (continued)									
Duplicate (B2B0090-DUP1) - Continued		**Source: 1100837-DORE1**		Prepared: 2/3/2012 Analyzed: 2/3/2012					
Cadmium	ND	5.0		ND	NR			20	
Chromium	7.6	5.0		13	NR		50.8	20	R
Cobalt	3.8	5.0		4.7	NR		20.9	20	R
Copper	7.6	10		9.5	NR		21.4	20	R
Lead	16	5.0		19	NR		17.6	20	
Molybdenum	ND	5.0		ND	NR			20	
Nickel	12	5.0		19	NR		43.1	20	R
Selenium	ND	5.0		ND	NR			20	
Silver	ND	5.0		ND	NR			20	
Thallium	1.5	5.0		2.4	NR		42.6	20	R
Vanadium	14	5.0		16	NR		13.8	20	
Zinc	34	5.0		41	NR		17.6	20	
Matrix Spike (B2B0090-MS1)		**Source: 1100837-DORE1**		Prepared: 2/3/2012 Analyzed: 2/3/2012					
Antimony	91	10	125	ND	73.2	44 - 105			
Arsenic	100	5.0	125	1.6	80.4	57 - 103			
Barium	160	5.0	125	53	87.7	36 - 134			
Beryllium	110	5.0	125	0.55	83.9	64 - 106			
Cadmium	100	5.0	125	ND	80.6	58 - 102			
Chromium	120	5.0	125	13	84.2	55 - 105			
Cobalt	110	5.0	125	4.7	85.2	59 - 105			
Copper	120	10	125	9.5	85.8	64 - 117			
Lead	130	5.0	125	19	86.7	46 - 116			
Molybdenum	100	5.0	125	ND	83.4	59 - 108			
Nickel	130	5.0	125	19	89.8	52 - 109			
Selenium	100	5.0	125	ND	80.5	56 - 100			
Silver	110	5.0	125	ND	84.4	65 - 107			
Thallium	110	5.0	125	2.4	85.2	47 - 100			
Vanadium	130	5.0	125	16	87.2	64 - 110			
Zinc	140	5.0	125	41	82.5	37 - 123			
Matrix Spike Dup (B2B0090-MSD1)		**Source: 1100837-DORE1**		Prepared: 2/3/2012 Analyzed: 2/3/2012					
Antimony	91	10	125	ND	72.9	44 - 105	0.391	20	
Arsenic	100	5.0	125	1.6	78.8	57 - 103	1.95	20	
Barium	150	5.0	125	53	74.4	36 - 134	10.8	20	
Beryllium	100	5.0	125	0.55	82.7	64 - 106	1.47	20	
Cadmium	100	5.0	125	ND	80.6	58 - 102	0.0834	20	
Chromium	110	5.0	125	13	79.4	55 - 105	5.27	20	
Cobalt	110	5.0	125	4.7	84.1	59 - 105	1.23	20	
Copper	110	10	125	9.5	82.1	64 - 117	4.05	20	
Lead	130	5.0	125	19	85.8	46 - 116	0.939	20	
Molybdenum	100	5.0	125	ND	81.8	59 - 108	1.94	20	

Geocon Consultants, Inc.	Project Number :	TO-16, E8560-06-16
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Total Metals by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2B0090 - EPA 3050B (continued)									
Matrix Spike Dup (B2B0090-MSD1) - Continued		**Source: 1100837-DORE1**		Prepared: 2/3/2012 Analyzed: 2/3/2012					
Nickel	120	5.0	125	19	83.2	52 - 109	6.48	20	
Selenium	99	5.0	125	ND	78.9	56 - 100	1.94	20	
Silver	100	5.0	125	ND	82.2	65 - 107	2.68	20	
Thallium	110	5.0	125	2.4	83.5	47 - 100	1.95	20	
Vanadium	120	5.0	125	16	80.5	64 - 110	6.88	20	
Zinc	140	5.0	125	41	79.5	37 - 123	2.69	20	

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Notes and Definitions

R	RPD value outside acceptance criteria. Calculation is based on raw values.
ND	Analyte not detected at or above reporting limit
PQL	Practical Quantitation Limit
MDL	Method Detection Limit
NR	Not Reported
RPD	Relative Percent Difference
CA1	CA-NELAP (CDPH)
CA2	CA-ELAP (CDPH)
OR1	OR-NELAP (OSPHL)
TX1	TX-NELAP (TCEQ)

Diane Galvan

From: Luann Beadle [beadle@geoconinc.com]
Sent: Wednesday, February 01, 2012 3:27 PM
To: Diane Galvan
Subject: RE: E8560-06-16 SOL-80 FPI

Sorry. The elevated level samples were analyzed for CAM 17 metals EPA Method 6010, and the detection limits were, in the case of antimony for example, from 40 to 200 mg/kg. Actually, add G83-2.5 (1200012-56) to the list too, I just noticed.

Thanks again,
Luann

From: Diane Galvan [mailto:diane@atlglobal.com]
Sent: Wednesday, February 01, 2012 3:20 PM
To: Luann Beadle
Subject: RE: E8560-06-16 SOL-80 FPI

Hi Luann,

What analysis are you referring to for the elevated DL's? Please advise.

Thanks,

Diane

From: Luann Beadle [mailto:beadle@geoconinc.com]
Sent: Wednesday, February 01, 2012 3:01 PM
To: Diane Galvan
Subject: E8560-06-16 SOL-80 FPI

Hi Diane,

For the following samples, the detection limits were quite high although the reported analytes concentrations weren't elevated much. Could you please check into them and see if anything could be done to reduce the detection limits?

Sample ID	Lab ID
G79-2.5	1100837-DO
G85-0	1200012-61
G85-2.5	1200012-64
G91-2.5	1200012-88

Thank you,
Luann

Luann Beadle | *Senior Staff Scientist*
Geocon Consultants, Inc.
6671 Brisa Street, Livermore, California 94550
Tel 925.371.5900 Fax 925.371.5915
www.geoconinc.com

ADVANCED TECHNOLOGY LABORATORIES

January 05, 2012

ELAP No.: 1838
NELAP No.: 02107CA
CSDLAC No.: 10196
ORELAP No.: CA300003

Luann Beadle
Geocon Consultants, Inc.
6671 Brisa Street
Livermore, CA 94550
Tel: (925) 371-5900
Fax:(925) 371-5915

Re: ATL Work Order Number : 1100842
Client Reference : TO-16, E8560-06-16

Enclosed are the results for sample(s) received on December 31, 2011 by Advanced Technology Laboratories. The sample(s) are tested for the parameters as indicated on the enclosed chain of custody in accordance with applicable laboratory certifications. The laboratory results contained in this report specifically pertains to the sample(s) submitted.

Thank you for the opportunity to serve the needs of your company. If you have any questions, please feel free to contact me or your Project Manager.

Sincerely,

Eddie Rodriguez
Laboratory Director

The cover letter and the case narrative are an integral part of this analytical report and its absence renders the report invalid. The report cannot be reproduced without written permission from the client and Advanced Technology Laboratories.

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Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/05/2012

SUMMARY OF SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
G8-0	1100842-01	Soil	12/30/11 8:04	12/31/11 9:15
G8-0.5	1100842-02	Soil	12/30/11 8:04	12/31/11 9:15
G143-0	1100842-03	Soil	12/30/11 8:25	12/31/11 9:15
G143-0.5	1100842-04	Soil	12/30/11 8:25	12/31/11 9:15
G143-1.5	1100842-05	Soil	12/30/11 8:25	12/31/11 9:15
G143-2.5	1100842-06	Soil	12/30/11 8:25	12/31/11 9:15
G143-3.5	1100842-07	Soil	12/30/11 8:25	12/31/11 9:15
G143-4.5	1100842-08	Soil	12/30/11 8:25	12/31/11 9:15
G143-5.5	1100842-09	Soil	12/30/11 8:25	12/31/11 9:15
G189-0	1100842-10	Soil	12/30/11 9:30	12/31/11 9:15
G189-.5	1100842-11	Soil	12/30/11 9:30	12/31/11 9:15
G190-0	1100842-12	Soil	12/30/11 9:35	12/31/11 9:15
G190-.5	1100842-13	Soil	12/30/11 9:35	12/31/11 9:15
G191-0	1100842-14	Soil	12/30/11 9:40	12/31/11 9:15
G191-.5	1100842-15	Soil	12/30/11 9:40	12/31/11 9:15
G187-0	1100842-16	Soil	12/30/11 9:11	12/31/11 9:15
G187-.5	1100842-17	Soil	12/30/11 9:11	12/31/11 9:15
G187-1.5	1100842-18	Soil	12/30/11 9:11	12/31/11 9:15
G187-2.5	1100842-19	Soil	12/30/11 9:11	12/31/11 9:15
G187-3.5	1100842-20	Soil	12/30/11 9:11	12/31/11 9:15
G181-0	1100842-21	Soil	12/30/11 9:05	12/31/11 9:15
G181-.5	1100842-22	Soil	12/30/11 9:05	12/31/11 9:15
G182-0	1100842-23	Soil	12/30/11 9:10	12/31/11 9:15
G182-.5	1100842-24	Soil	12/30/11 9:10	12/31/11 9:15
G183-0	1100842-25	Soil	12/30/11 9:15	12/31/11 9:15
G183-.5	1100842-26	Soil	12/30/11 9:15	12/31/11 9:15
G184-0	1100842-27	Soil	12/30/11 9:20	12/31/11 9:15
G184-.5	1100842-28	Soil	12/30/11 9:20	12/31/11 9:15
G185-0	1100842-29	Soil	12/30/11 9:25	12/31/11 9:15
G185-.5	1100842-30	Soil	12/30/11 9:25	12/31/11 9:15
G186-0	1100842-31	Soil	12/30/11 9:25	12/31/11 9:15
G186-.5	1100842-32	Soil	12/30/11 9:25	12/31/11 9:15
G192-0	1100842-33	Soil	12/30/11 9:55	12/31/11 9:15
G192-.5	1100842-34	Soil	12/30/11 9:55	12/31/11 9:15
G193-0	1100842-35	Soil	12/30/11 10:00	12/31/11 9:15

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Livermore , CA 94550	Reported :	01/05/2012

G193-.5	1100842-36	Soil	12/30/11	10:00	12/31/11	9:15
G194-0	1100842-37	Soil	12/30/11	10:05	12/31/11	9:15
G194-.5	1100842-38	Soil	12/30/11	10:05	12/31/11	9:15
G195-0	1100842-39	Soil	12/30/11	9:39	12/31/11	9:15
G195-0.5	1100842-40	Soil	12/30/11	9:39	12/31/11	9:15
G195-1.5	1100842-41	Soil	12/30/11	9:39	12/31/11	9:15
G195-2.5	1100842-42	Soil	12/30/11	9:39	12/31/11	9:15
G195-3.5	1100842-43	Soil	12/30/11	9:39	12/31/11	9:15
G195-4.5	1100842-44	Soil	12/30/11	9:39	12/31/11	9:15
G195-5.5	1100842-45	Soil	12/30/11	9:39	12/31/11	9:15
G199-0	1100842-46	Soil	12/30/11	10:25	12/31/11	9:15
G199-.5	1100842-47	Soil	12/30/11	10:25	12/31/11	9:15
G200-0	1100842-48	Soil	12/30/11	10:30	12/31/11	9:15
G200-.5	1100842-49	Soil	12/30/11	10:30	12/31/11	9:15
G201-0	1100842-50	Soil	12/30/11	10:35	12/31/11	9:15
G201-.5	1100842-51	Soil	12/30/11	10:35	12/31/11	9:15
G196-0	1100842-52	Soil	12/30/11	10:21	12/31/11	9:15
G196-.5	1100842-53	Soil	12/30/11	10:21	12/31/11	9:15
G197-0	1100842-54	Soil	12/30/11	10:24	12/31/11	9:15
G197-.5	1100842-55	Soil	12/30/11	10:24	12/31/11	9:15
G198-0	1100842-56	Soil	12/30/11	10:31	12/31/11	9:15
G198-.5	1100842-57	Soil	12/30/11	10:31	12/31/11	9:15
G203-0	1100842-58	Soil	12/30/11	10:41	12/31/11	9:15
G203-0.5	1100842-59	Soil	12/30/11	10:41	12/31/11	9:15
G203-1.5	1100842-60	Soil	12/30/11	10:41	12/31/11	9:15
G203-2.5	1100842-61	Soil	12/30/11	10:41	12/31/11	9:15
G203-3.5	1100842-62	Soil	12/30/11	10:41	12/31/11	9:15
G203-4.5	1100842-63	Soil	12/30/11	10:41	12/31/11	9:15
G203-5.5	1100842-64	Soil	12/30/11	10:41	12/31/11	9:15
G203-6.5	1100842-65	Soil	12/30/11	10:41	12/31/11	9:15
G217-0	1100842-66	Soil	12/30/11	11:27	12/31/11	9:15
G217-0.5	1100842-67	Soil	12/30/11	11:27	12/31/11	9:15
G217-1.5	1100842-68	Soil	12/30/11	11:27	12/31/11	9:15
G217-2	1100842-69	Soil	12/30/11	11:27	12/31/11	9:15
G211-0	1100842-70	Soil	12/30/11	11:25	12/31/11	9:15
G211-0.5	1100842-71	Soil	12/30/11	11:25	12/31/11	9:15
G212-0	1100842-72	Soil	12/30/11	11:30	12/31/11	9:15
G212-0.5	1100842-73	Soil	12/30/11	11:30	12/31/11	9:15
G213-0	1100842-74	Soil	12/30/11	11:35	12/31/11	9:15

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G213-0.5	1100842-75	Soil	12/30/11 11:35	12/31/11 9:15
G214-0	1100842-76	Soil	12/30/11 11:40	12/31/11 9:15
G214-0.5	1100842-77	Soil	12/30/11 11:40	12/31/11 9:15
G215-0	1100842-78	Soil	12/30/11 11:42	12/31/11 9:15
G215-0.5	1100842-79	Soil	12/30/11 11:42	12/31/11 9:15
G216-0	1100842-80	Soil	12/30/11 11:44	12/31/11 9:15
G216-0.5	1100842-81	Soil	12/30/11 11:44	12/31/11 9:15
G128-0	1100842-82	Soil	12/30/11 12:11	12/31/11 9:15
G128-0.5	1100842-83	Soil	12/30/11 12:11	12/31/11 9:15
G129-0	1100842-84	Soil	12/30/11 12:14	12/31/11 9:15
G129-0.5	1100842-85	Soil	12/30/11 12:14	12/31/11 9:15
G130-0	1100842-86	Soil	12/30/11 12:21	12/31/11 9:15
G130-0.5	1100842-87	Soil	12/30/11 12:21	12/31/11 9:15
G131-0	1100842-88	Soil	12/30/11 12:10	12/31/11 9:15
G131-0.5	1100842-89	Soil	12/30/11 12:10	12/31/11 9:15
G132-0	1100842-90	Soil	12/30/11 12:15	12/31/11 9:15
G132-0.5	1100842-91	Soil	12/30/11 12:15	12/31/11 9:15
G133-0	1100842-92	Soil	12/30/11 12:17	12/31/11 9:15
G133-0.5	1100842-93	Soil	12/30/11 12:17	12/31/11 9:15

Geocon Consultants, Inc.	Project Number : TO-16, E8560-06-16
6671 Brisa Street	Report To : Luann Beadle
Livermore , CA 94550	Reported : 01/05/2012

Lead by ICP-AES EPA 6010B

Analyte: Lead **Analyst: KK**

Laboratory ID	Client Sample ID	Result	Units	PQL	MDL	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1100842-01	G8-0	**250**	mg/kg	1.0	NA	1	B2A0096	01/04/2012	01/05/12 11:47	
1100842-02	G8-0.5	**20**	mg/kg	1.0	NA	1	B2A0096	01/04/2012	01/05/12 11:48	
1100842-03	G143-0	**100**	mg/kg	1.0	NA	1	B2A0096	01/04/2012	01/05/12 11:51	
1100842-04	G143-0.5	**17**	mg/kg	1.0	NA	1	B2A0096	01/04/2012	01/05/12 11:51	
1100842-05	G143-1.5	**7.3**	mg/kg	1.0	NA	1	B2A0096	01/04/2012	01/05/12 11:52	
1100842-06	G143-2.5	**8.9**	mg/kg	1.0	NA	1	B2A0096	01/04/2012	01/05/12 11:53	
1100842-07	G143-3.5	**7.4**	mg/kg	1.0	NA	1	B2A0096	01/04/2012	01/05/12 11:53	
1100842-08	G143-4.5	**7.6**	mg/kg	1.0	NA	1	B2A0096	01/04/2012	01/05/12 11:54	
1100842-09	G143-5.5	**9.2**	mg/kg	1.0	NA	1	B2A0096	01/04/2012	01/05/12 11:55	
1100842-10	G189-0	**44**	mg/kg	1.0	NA	1	B2A0096	01/04/2012	01/05/12 11:55	
1100842-11	G189-.5	**1500**	mg/kg	1.0	NA	1	B2A0096	01/04/2012	01/05/12 11:56	
1100842-12	G190-0	**63**	mg/kg	1.0	NA	1	B2A0096	01/04/2012	01/05/12 11:57	
1100842-13	G190-.5	**4.2**	mg/kg	1.0	NA	1	B2A0096	01/04/2012	01/05/12 11:59	
1100842-14	G191-0	**190**	mg/kg	1.0	NA	1	B2A0096	01/04/2012	01/05/12 12:00	
1100842-15	G191-.5	**85**	mg/kg	1.0	NA	1	B2A0096	01/04/2012	01/05/12 12:00	
1100842-16	G187-0	**46**	mg/kg	1.0	NA	1	B2A0096	01/04/2012	01/05/12 12:01	
1100842-17	G187-.5	**35**	mg/kg	1.0	NA	1	B2A0096	01/04/2012	01/05/12 12:02	
1100842-18	G187-1.5	**25**	mg/kg	1.0	NA	1	B2A0096	01/04/2012	01/05/12 12:02	
1100842-19	G187-2.5	**27**	mg/kg	1.0	NA	1	B2A0096	01/04/2012	01/05/12 12:03	
1100842-20	G187-3.5	**19**	mg/kg	1.0	NA	1	B2A0096	01/04/2012	01/05/12 12:04	
1100842-21	G181-0	**9.3**	mg/kg	1.0	NA	1	B2A0097	01/04/2012	01/05/12 12:13	
1100842-22	G181-.5	**11**	mg/kg	1.0	NA	1	B2A0097	01/04/2012	01/05/12 12:13	
1100842-23	G182-0	**190**	mg/kg	1.0	NA	1	B2A0097	01/04/2012	01/05/12 12:14	
1100842-24	G182-.5	**4.4**	mg/kg	1.0	NA	1	B2A0097	01/04/2012	01/05/12 12:15	
1100842-25	G183-0	**250**	mg/kg	1.0	NA	1	B2A0097	01/04/2012	01/05/12 12:17	
1100842-26	G183-.5	**60**	mg/kg	1.0	NA	1	B2A0097	01/04/2012	01/05/12 12:18	
1100842-27	G184-0	**7.9**	mg/kg	1.0	NA	1	B2A0097	01/04/2012	01/05/12 12:19	
1100842-28	G184-.5	**16**	mg/kg	1.0	NA	1	B2A0097	01/04/2012	01/05/12 12:19	
1100842-29	G185-0	**590**	mg/kg	1.0	NA	1	B2A0097	01/04/2012	01/05/12 12:20	
1100842-30	G185-.5	**7.9**	mg/kg	1.0	NA	1	B2A0097	01/04/2012	01/05/12 12:21	

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1100842-31	G186-0	**110**	mg/kg	1.0	NA	1	B2A0097	01/04/2012	01/05/12 12:21
1100842-32	G186-.5	**17**	mg/kg	1.0	NA	1	B2A0097	01/04/2012	01/05/12 12:22
1100842-33	G192-0	**13**	mg/kg	1.0	NA	1	B2A0097	01/04/2012	01/05/12 12:23
1100842-34	G192-.5	**44**	mg/kg	1.0	NA	1	B2A0097	01/04/2012	01/05/12 12:23
1100842-35	G193-0	**32**	mg/kg	1.0	NA	1	B2A0097	01/04/2012	01/05/12 12:26
1100842-36	G193-.5	**34**	mg/kg	1.0	NA	1	B2A0097	01/04/2012	01/05/12 12:26
1100842-37	G194-0	**1100**	mg/kg	1.0	NA	1	B2A0097	01/04/2012	01/05/12 12:27
1100842-38	G194-.5	**110**	mg/kg	1.0	NA	1	B2A0097	01/04/2012	01/05/12 12:28
1100842-39	G195-0	**110**	mg/kg	1.0	NA	1	B2A0097	01/04/2012	01/05/12 12:28
1100842-40	G195-0.5	**71**	mg/kg	1.0	NA	1	B2A0097	01/04/2012	01/05/12 12:29
1100842-41	G195-1.5	**18**	mg/kg	1.0	NA	1	B2A0098	01/04/2012	01/05/12 12:38
1100842-42	G195-2.5	**9.4**	mg/kg	1.0	NA	1	B2A0098	01/04/2012	01/05/12 12:39
1100842-43	G195-3.5	**7.4**	mg/kg	1.0	NA	1	B2A0098	01/04/2012	01/05/12 12:39
1100842-44	G195-4.5	**8.3**	mg/kg	1.0	NA	1	B2A0098	01/04/2012	01/05/12 12:40
1100842-45	G195-5.5	**11**	mg/kg	1.0	NA	1	B2A0098	01/04/2012	01/05/12 12:41
1100842-46	G199-0	**72**	mg/kg	1.0	NA	1	B2A0098	01/04/2012	01/05/12 12:41
1100842-47	G199-.5	**220**	mg/kg	1.0	NA	1	B2A0098	01/04/2012	01/05/12 12:44
1100842-48	G200-0	**41**	mg/kg	1.0	NA	1	B2A0098	01/04/2012	01/05/12 12:45
1100842-49	G200-.5	**36**	mg/kg	1.0	NA	1	B2A0098	01/04/2012	01/05/12 12:45
1100842-50	G201-0	**48**	mg/kg	1.0	NA	1	B2A0098	01/04/2012	01/05/12 12:46
1100842-51	G201-.5	**49**	mg/kg	1.0	NA	1	B2A0098	01/04/2012	01/05/12 12:47
1100842-52	G196-0	**11**	mg/kg	1.0	NA	1	B2A0098	01/04/2012	01/05/12 12:47
1100842-53	G196-.5	**190**	mg/kg	1.0	NA	1	B2A0098	01/04/2012	01/05/12 12:48
1100842-54	G197-0	**170**	mg/kg	1.0	NA	1	B2A0098	01/04/2012	01/05/12 12:49
1100842-55	G197-.5	**64**	mg/kg	1.0	NA	1	B2A0098	01/04/2012	01/05/12 12:49
1100842-56	G198-0	**65**	mg/kg	1.0	NA	1	B2A0098	01/04/2012	01/05/12 12:50
1100842-57	G198-.5	**63**	mg/kg	1.0	NA	1	B2A0098	01/04/2012	01/05/12 12:53
1100842-58	G203-0	**240**	mg/kg	1.0	NA	1	B2A0098	01/04/2012	01/05/12 12:53
1100842-59	G203-0.5	**55**	mg/kg	1.0	NA	1	B2A0098	01/04/2012	01/05/12 12:54
1100842-60	G203-1.5	**15**	mg/kg	1.0	NA	1	B2A0098	01/04/2012	01/05/12 12:55
1100842-61	G203-2.5	**19**	mg/kg	1.0	NA	1	B2A0099	01/04/2012	01/05/12 13:03
1100842-62	G203-3.5	**11**	mg/kg	1.0	NA	1	B2A0099	01/04/2012	01/05/12 13:04
1100842-63	G203-4.5	**7.8**	mg/kg	1.0	NA	1	B2A0099	01/04/2012	01/05/12 13:05
1100842-64	G203-5.5	**8.8**	mg/kg	1.0	NA	1	B2A0099	01/04/2012	01/05/12 13:05
1100842-65	G203-6.5	**9.3**	mg/kg	1.0	NA	1	B2A0099	01/04/2012	01/05/12 13:06

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1100842-66	G217-0	**110**	mg/kg	1.0	NA	1	B2A0099	01/04/2012	01/05/12 13:07
1100842-67	G217-0.5	**19**	mg/kg	1.0	NA	1	B2A0099	01/04/2012	01/05/12 13:07
1100842-68	G217-1.5	**11**	mg/kg	1.0	NA	1	B2A0099	01/04/2012	01/05/12 13:08
1100842-69	G217-2	**71**	mg/kg	1.0	NA	1	B2A0099	01/04/2012	01/05/12 13:11
1100842-70	G211-0	**74**	mg/kg	1.0	NA	1	B2A0099	01/04/2012	01/05/12 13:11
1100842-71	G211-0.5	**67**	mg/kg	1.0	NA	1	B2A0099	01/04/2012	01/05/12 13:12
1100842-72	G212-0	**130**	mg/kg	1.0	NA	1	B2A0099	01/04/2012	01/05/12 13:13
1100842-73	G212-0.5	**120**	mg/kg	1.0	NA	1	B2A0099	01/04/2012	01/05/12 13:13
1100842-74	G213-0	**200**	mg/kg	1.0	NA	1	B2A0099	01/04/2012	01/05/12 13:14
1100842-75	G213-0.5	**240**	mg/kg	1.0	NA	1	B2A0099	01/04/2012	01/05/12 13:15
1100842-76	G214-0	**260**	mg/kg	1.0	NA	1	B2A0099	01/04/2012	01/05/12 13:15
1100842-77	G214-0.5	**240**	mg/kg	1.0	NA	1	B2A0099	01/04/2012	01/05/12 13:16
1100842-78	G215-0	**200**	mg/kg	1.0	NA	1	B2A0099	01/04/2012	01/05/12 13:17
1100842-79	G215-0.5	**120**	mg/kg	1.0	NA	1	B2A0099	01/04/2012	01/05/12 13:19
1100842-80	G216-0	**150**	mg/kg	1.0	NA	1	B2A0099	01/04/2012	01/05/12 13:20
1100842-81	G216-0.5	**130**	mg/kg	1.0	NA	1	B2A0100	01/04/2012	01/05/12 13:29
1100842-82	G128-0	**140**	mg/kg	1.0	NA	1	B2A0100	01/04/2012	01/05/12 13:30
1100842-83	G128-0.5	**190**	mg/kg	1.0	NA	1	B2A0100	01/04/2012	01/05/12 13:30
1100842-84	G129-0	**380**	mg/kg	1.0	NA	1	B2A0100	01/04/2012	01/05/12 13:31
1100842-85	G129-0.5	**460**	mg/kg	1.0	NA	1	B2A0100	01/04/2012	01/05/12 13:32
1100842-86	G130-0	**370**	mg/kg	1.0	NA	1	B2A0100	01/04/2012	01/05/12 13:32
1100842-87	G130-0.5	**19**	mg/kg	1.0	NA	1	B2A0100	01/04/2012	01/05/12 13:33
1100842-88	G131-0	**35**	mg/kg	1.0	NA	1	B2A0100	01/04/2012	01/05/12 13:34
1100842-89	G131-0.5	**57**	mg/kg	1.0	NA	1	B2A0100	01/04/2012	01/05/12 13:34
1100842-90	G132-0	**170**	mg/kg	1.0	NA	1	B2A0100	01/04/2012	01/05/12 13:35
1100842-91	G132-0.5	**100**	mg/kg	1.0	NA	1	B2A0100	01/04/2012	01/05/12 13:37
1100842-92	G133-0	**48**	mg/kg	1.0	NA	1	B2A0100	01/04/2012	01/05/12 13:38
1100842-93	G133-0.5	**8.5**	mg/kg	1.0	NA	1	B2A0100	01/04/2012	01/05/12 13:39

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Hexavalent Chromium by EPA 7196A/3060A

Analyte: Hexavalent Chromium — Analyst: AG

Laboratory ID	Client Sample ID	Result	Units	PQL	MDL	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1100842-01	G8-0	**ND**	mg/kg	1.0	NA	1	B2A0117	01/03/2012	01/04/12 16:40	
1100842-03	G143-0	**ND**	mg/kg	1.0	NA	1	B2A0117	01/03/2012	01/04/12 16:40	
1100842-10	G189-0	**ND**	mg/kg	1.0	NA	1	B2A0117	01/03/2012	01/04/12 16:40	
1100842-21	G181-0	**ND**	mg/kg	1.0	NA	1	B2A0117	01/03/2012	01/04/12 16:40	
1100842-52	G196-0	**ND**	mg/kg	1.0	NA	1	B2A0117	01/03/2012	01/04/12 16:40	
1100842-70	G211-0	**ND**	mg/kg	1.0	NA	1	B2A0117	01/03/2012	01/04/12 16:40	

pH by EPA 9045C

Analyte: pH — Analyst: PT

Laboratory ID	Client Sample ID	Result	Units	PQL	MDL	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1100842-01	G8-0	**7.5**	pH Units	0.10	NA	1	B2A0129	01/05/2012	01/05/12 08:00	
1100842-12	G190-0	**7.7**	pH Units	0.10	NA	1	B2A0129	01/05/2012	01/05/12 08:00	
1100842-23	G182-0	**7.8**	pH Units	0.10	NA	1	B2A0129	01/05/2012	01/05/12 08:00	
1100842-34	G192-.5	**8.3**	pH Units	0.10	NA	1	B2A0129	01/05/2012	01/05/12 08:00	
1100842-45	G195-5.5	**8.2**	pH Units	0.10	NA	1	B2A0129	01/05/2012	01/05/12 08:00	
1100842-56	G198-0	**7.8**	pH Units	0.10	NA	1	B2A0129	01/05/2012	01/05/12 08:00	
1100842-67	G217-0.5	**7.7**	pH Units	0.10	NA	1	B2A0129	01/05/2012	01/05/12 08:00	
1100842-78	G215-0	**7.2**	pH Units	0.10	NA	1	B2A0129	01/05/2012	01/05/12 08:00	
1100842-89	G131-0.5	**7.7**	pH Units	0.10	NA	1	B2A0129	01/05/2012	01/05/12 08:00	
1100842-92	G133-0	**7.8**	pH Units	0.10	NA	1	B2A0129	01/05/2012	01/05/12 08:00	

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QUALITY CONTROL SECTION

Lead by ICP-AES EPA 6010B - Quality Control

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0096 - EPA 3050 Modified									
Blank (B2A0096-BLK1)					Prepared: 1/4/2012 Analyzed: 1/5/2012				
Lead	ND	1.0			NR				
Blank (B2A0096-BLK2)					Prepared: 1/4/2012 Analyzed: 1/5/2012				
Lead	ND	1.0			NR				
LCS (B2A0096-BS1)					Prepared: 1/4/2012 Analyzed: 1/5/2012				
Lead	280	1.0	250		111	80 - 120			
Duplicate (B2A0096-DUP1)		**Source: 1100842-20**			Prepared: 1/4/2012 Analyzed: 1/5/2012				
Lead	14	1.0		19	NR		30.9	20	R
Duplicate (B2A0096-DUP2)		**Source: 1100842-10**			Prepared: 1/4/2012 Analyzed: 1/5/2012				
Lead	35	1.0		44	NR		23.9	20	R
Matrix Spike (B2A0096-MS1)		**Source: 1100842-20**			Prepared: 1/4/2012 Analyzed: 1/5/2012				
Lead	240	1.0	250	19	89.1	46 - 116			
Matrix Spike (B2A0096-MS2)		**Source: 1100842-10**			Prepared: 1/4/2012 Analyzed: 1/5/2012				
Lead	240	1.0	250	44	77.0	46 - 116			
Matrix Spike Dup (B2A0096-MSD1)		**Source: 1100842-20**			Prepared: 1/4/2012 Analyzed: 1/5/2012				
Lead	240	1.0	250	19	87.4	46 - 116	1.80	20	
Batch B2A0097 - EPA 3050 Modified									
Blank (B2A0097-BLK1)					Prepared: 1/4/2012 Analyzed: 1/5/2012				
Lead	ND	1.0			NR				
Blank (B2A0097-BLK2)					Prepared: 1/4/2012 Analyzed: 1/5/2012				
Lead	ND	1.0			NR				
LCS (B2A0097-BS1)					Prepared: 1/4/2012 Analyzed: 1/5/2012				
Lead	270	1.0	250		109	80 - 120			
Duplicate (B2A0097-DUP1)		**Source: 1100842-40**			Prepared: 1/4/2012 Analyzed: 1/5/2012				
Lead	68	1.0		71	NR		4.53	20	
Duplicate (B2A0097-DUP2)		**Source: 1100842-30**			Prepared: 1/4/2012 Analyzed: 1/5/2012				
Lead	11	1.0		7.9	NR		35.5	20	R
Matrix Spike (B2A0097-MS1)		**Source: 1100842-40**			Prepared: 1/4/2012 Analyzed: 1/5/2012				
Lead	310	1.0	250	71	94.3	46 - 116			
Matrix Spike (B2A0097-MS2)		**Source: 1100842-30**			Prepared: 1/4/2012 Analyzed: 1/5/2012				

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Lead by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0097 - EPA 3050 Modified (continued)									
Matrix Spike (B2A0097-MS2) - Continued		**Source: 1100842-30**			Prepared: 1/4/2012 Analyzed: 1/5/2012				
Lead	240	1.0	250	7.9	93.9	46 - 116			
Matrix Spike Dup (B2A0097-MSD1)		**Source: 1100842-40**			Prepared: 1/4/2012 Analyzed: 1/5/2012				
Lead	300	1.0	250	71	90.3	46 - 116	3.31	20	
Batch B2A0098 - EPA 3050 Modified									
Blank (B2A0098-BLK1)					Prepared: 1/4/2012 Analyzed: 1/5/2012				
Lead	ND	1.0			NR				
Blank (B2A0098-BLK2)					Prepared: 1/4/2012 Analyzed: 1/5/2012				
Lead	ND	1.0			NR				
LCS (B2A0098-BS1)					Prepared: 1/4/2012 Analyzed: 1/5/2012				
Lead	270	1.0	250		107	80 - 120			
Duplicate (B2A0098-DUP1)		**Source: 1100842-60**			Prepared: 1/4/2012 Analyzed: 1/5/2012				
Lead	11	1.0		15	NR		29.6	20	R
Duplicate (B2A0098-DUP2)		**Source: 1100842-50**			Prepared: 1/4/2012 Analyzed: 1/5/2012				
Lead	55	1.0		48	NR		13.5	20	
Matrix Spike (B2A0098-MS1)		**Source: 1100842-60**			Prepared: 1/4/2012 Analyzed: 1/5/2012				
Lead	220	1.0	250	15	83.0	46 - 116			
Matrix Spike (B2A0098-MS2)		**Source: 1100842-50**			Prepared: 1/4/2012 Analyzed: 1/5/2012				
Lead	260	1.0	250	48	85.8	46 - 116			
Matrix Spike Dup (B2A0098-MSD1)		**Source: 1100842-60**			Prepared: 1/4/2012 Analyzed: 1/5/2012				
Lead	230	1.0	250	15	85.4	46 - 116	2.67	20	
Batch B2A0099 - EPA 3050 Modified									
Blank (B2A0099-BLK1)					Prepared: 1/4/2012 Analyzed: 1/5/2012				
Lead	ND	1.0			NR				
Blank (B2A0099-BLK2)					Prepared: 1/4/2012 Analyzed: 1/5/2012				
Lead	ND	1.0			NR				
LCS (B2A0099-BS1)					Prepared: 1/4/2012 Analyzed: 1/5/2012				
Lead	280	1.0	250		110	80 - 120			
Duplicate (B2A0099-DUP1)		**Source: 1100842-80**			Prepared: 1/4/2012 Analyzed: 1/5/2012				
Lead	230	1.0		150	NR		41.5	20	R
Duplicate (B2A0099-DUP2)		**Source: 1100842-70**			Prepared: 1/4/2012 Analyzed: 1/5/2012				

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Lead by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0099 - EPA 3050 Modified (continued)									
Duplicate (B2A0099-DUP2) - Continued		**Source: 1100842-70**			Prepared: 1/4/2012 Analyzed: 1/5/2012				
Lead	75	1.0		74	NR		0.844	20	
Matrix Spike (B2A0099-MS1)		**Source: 1100842-80**			Prepared: 1/4/2012 Analyzed: 1/5/2012				
Lead	370	1.0	250	150	87.3	46 - 116			
Matrix Spike (B2A0099-MS2)		**Source: 1100842-70**			Prepared: 1/4/2012 Analyzed: 1/5/2012				
Lead	280	1.0	250	74	84.3	46 - 116			
Matrix Spike Dup (B2A0099-MSD1)		**Source: 1100842-80**			Prepared: 1/4/2012 Analyzed: 1/5/2012				
Lead	400	1.0	250	150	101	46 - 116	8.95	20	
Batch B2A0100 - EPA 3050 Modified									
Blank (B2A0100-BLK1)					Prepared: 1/4/2012 Analyzed: 1/5/2012				
Lead	ND	1.0			NR				
Blank (B2A0100-BLK2)					Prepared: 1/4/2012 Analyzed: 1/5/2012				
Lead	ND	1.0			NR				
LCS (B2A0100-BS1)					Prepared: 1/4/2012 Analyzed: 1/5/2012				
Lead	280	1.0	250		112	80 - 120			
Duplicate (B2A0100-DUP1)		**Source: 1200011-07**			Prepared: 1/4/2012 Analyzed: 1/5/2012				
Lead	13	1.0		11	NR		10.7	20	
Duplicate (B2A0100-DUP2)		**Source: 1100842-90**			Prepared: 1/4/2012 Analyzed: 1/5/2012				
Lead	200	1.0		170	NR		17.3	20	
Matrix Spike (B2A0100-MS1)		**Source: 1200011-07**			Prepared: 1/4/2012 Analyzed: 1/5/2012				
Lead	220	1.0	250	11	82.2	46 - 116			
Matrix Spike (B2A0100-MS2)		**Source: 1100842-90**			Prepared: 1/4/2012 Analyzed: 1/5/2012				
Lead	370	1.0	250	170	78.7	46 - 116			
Matrix Spike Dup (B2A0100-MSD1)		**Source: 1200011-07**			Prepared: 1/4/2012 Analyzed: 1/5/2012				
Lead	230	1.0	250	11	88.4	46 - 116	6.96	20	

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Hexavalent Chromium by EPA 7196A/3060A - Quality Control

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0117 - Prep_WC_3_S									
Blank (B2A0117-BLK1)					Prepared: 1/3/2012 Analyzed: 1/4/2012				
Hexavalent Chromium	ND	1.0			NR				
LCS (B2A0117-BS1)					Prepared: 1/3/2012 Analyzed: 1/4/2012				
Hexavalent Chromium	45	1.0	50.0		90	80 - 120			
Duplicate (B2A0117-DUP1)		**Source: 1100842-70**			Prepared: 1/3/2012 Analyzed: 1/4/2012				
Hexavalent Chromium	ND	1.0		ND	NR			20	
Matrix Spike (B2A0117-MS1)		**Source: 1100842-70**			Prepared: 1/3/2012 Analyzed: 1/4/2012				
Hexavalent Chromium	36	1.0	50.0	ND	72	75 - 125			M2
Matrix Spike (B2A0117-MS2)		**Source: 1100842-70**			Prepared: 1/3/2012 Analyzed: 1/4/2012				
Hexavalent Chromium	1500	50	1610	ND	93	75 - 125			
Matrix Spike Dup (B2A0117-MSD1)		**Source: 1100842-70**			Prepared: 1/3/2012 Analyzed: 1/4/2012				
Hexavalent Chromium	36	1.0	50.0	ND	71	75 - 125	1	20	M2

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/05/2012

pH by EPA 9045C - Quality Control

Analyte	Result (pH Units)	PQL (pH Units)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0129 - Prep_WC_1_S									
Duplicate (B2A0129-DUP1)		**Source: 1100842-92**			Prepared: 1/5/2012 Analyzed: 1/5/2012				
pH	7.8	0.10		7.8	NR		0.1	20	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/05/2012

Notes and Definitions

R	RPD value outside acceptance criteria. Calculation is based on raw values.
M2	Matrix spike recovery outside of acceptance limit due to possible matrix interference. The analytical batch was validated by the laboratory control sample.
ND	Analyte not detected at or above reporting limit
PQL	Practical Quantitation Limit
MDL	Method Detection Limit
NR	Not Reported
RPD	Relative Percent Difference

CHAIN OF CUSTODY RECORD

Advanced Technology Laboratories
3275 Walnut Avenue
Signal Hill, CA 90755
(562) 989-4045 • Fax (562) 989-4040

FOR LABORATORY USE ONLY:

P.O.#:
Logged By: Date: 12/31/11

Method of Transport: Client ☐ ATL ☐ CA OverN ☐ FEDEX ☐ Other: GSO

Sample Condition Upon Receipt: 1. CHILLED 13.8 Y☑ N☐ 2. HEADSPACE (VOA) Y☐ N☐ 3. CONTAINER INTACT Y☐ N☐ 4. SEALED Y☐ N☐ 5. # OF SPLS MATCH COC Y☐ N☐ 6. PRESERVED Y☐ N☐

Client: GEOCON CONSULTANTS, INC.
Attn: L. BEADLE
Address: 6671 Brisa Street
City: Livermore State: CA Zip Code: 94550
TEL: (925) 371-5900
FAX: (925) 371-5915

Project Name: TO-16 Project #: E8560-06-16 Sampler: (Printed Name) D. WATTS (Signature)

Relinquished by: (Signature and Printed Name) Date: 12/30/11 Time: 1600 Received by: (Signature and Printed Name) GSO Date: 12/30/11 Time: 1600
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) FEDEX Date: 12/31/11 Time: 0915
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:

I hereby authorize ATL to perform the work indicated below:
Project Mgr (Submitter)
D. WATTS 12/30/11
Print Name Date
Signature

Send Report To: Attn: Co: SAME AS ABOVE Address City State Zip

Bill To: Attn: Co: SAME AS ABOVE Address City State Zip

Special Instructions/Comments:
10% OF ALL SAMPLES TO BE ANALYZED FOR pH (RANDOM-LAB)
DO NOT COMPOSITE SAMPLE SETS
*RUN Cr6 ON G8-0, G143-0, G181-0, + G189-0

Sample/Records - Archival & Disposal
Unless otherwise requested by client, all samples will be disposed 45 days after receipt and records will be disposed 1 year after submittal of final report.

Storage Fees (applies when storage is requested):
- Sample : $2.00 / sample / mo (after 45 days)
- Records : $1.00 / ATL workorder / mo (after 1 year)

Circle or Add Analysis(es) Requested: 8081A (Pesticides), 8082 (PCB), 8260B (Volatiles), 8270C (BNA), 6010B (Total Metal) - Pb, 8015B (GRO) / BTEX, 8015B (DRO), 8021 (BTEX), TITLE 22 / CAM 17 (6010 / 7000)

SPECIFY APPROPRIATE MATRIX: SOIL, WATER, GROUND WATER, WASTEWATER

ITEM	LAB USE ONLY: Batch #: / Lab No.	Sample Description: Sample I.D. / Location	Date	Time	8270C (BNA)	6010B (Total Metal) - Pb	SOIL	TAT	Container(s) #	Type	PRESERVATION	REMARKS
	1100842 - 1, 2	G8-0, 0.5	12/30/11	0804	X		X	48 HR	2	Bg	P	REF 1' *
	- 3/9	G143-0, 0.5, 1.5, 2.5, 3.5, 4.5, 5.5		0825					7			REF 6' *
	- 10, 11	G189-0, .5	12-30-11	0930					2			*
	- 12, 13	G190-0, .5	12-30-11	0935					2			
	- 14, 15	G191-0, .5	12-30-11	0940					2			
	- 16/20	G187-0, .5, 1.5, 2.5, 3.5	12-30-11	0911					5			REF 4' *
	- 21, 22	G181-0, .5	12-30-11	0905					2			
	- 23, 24	G182-0, .5	12-30-11	0916								
	- 25, 26	G183-0, .5	12-30-11	0915								
	- 27, 28	G184-0, .5	12-30-11	0920								

QA/QC: RTNE ☐ CT ☒ SWRCB ☐ Logcode ____ OTHER ____

• TAT starts 8 a.m. following day if samples received after 3 p.m.

TAT: A= Overnight ≤ 24 hr B= Emergency Next workday C= Critical 2 Workdays D= Urgent 3 Workdays E= Routine 7 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=Hcl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

DISTRIBUTION: White with report Yellow to folder Pink to submitter

CHAIN OF CUSTODY RECORD

Advanced Technology Laboratories
3275 Walnut Avenue
Signal Hill, CA 90755
(562) 989-4045 • Fax (562) 989-4040

FOR LABORATORY USE ONLY:

P.O.#: _____

Logged By: _____ Date: _____

Method of Transport: Client ☐ ATL ☐ CA OverN ☐ FEDEX ☐ Other: _____

Sample Condition Upon Receipt: 1. CHILLED Y☐ N☐ 2. HEADSPACE (VOA) Y☐ N☐ 3. CONTAINER INTACT Y☐ N☐ 4. SEALED Y☐ N☐ 5. # OF SPLS MATCH COC Y☐ N☐ 6. PRESERVED Y☐ N☐

Client: GEOCON CONSULTANTS, INC.
Attn: L. BEADLE
Address: 6671 Brisa Street
City: Livermore State: CA Zip Code: 94550
TEL: (925) 371-5900
FAX: (925) 371-5915

Project Name: TO-16 Project #: E8560-06-16 Sampler: (Printed Name) D. WATTS (Signature) [signature]

Relinquished by: (Signature and Printed Name) [signature] Date: 12/30/11 Time: 1600 Received by: (Signature and Printed Name) GSO Date: 12/30/11 Time: 1600
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) FPDCWA Date: 12/31/11 Time: 0915
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:

I hereby authorize ATL to perform the work indicated below:
Project Mgr / Submitter:
D. WATTS 12/30/11
Print Name Date
[signature]
Signature

Send Report To:
Attn: _____
Co: SAME AS ABOVE
Address _____
City _____ State _____ Zip _____

Bill To:
Attn: _____
Co: SAME AS ABOVE
Address _____
City _____ State _____ Zip _____

Special Instructions/Comments:
10% OF ALL SAMPLES TO BE ANALYZED FOR pH (RANDOM-LAB)
SEE Pg 1
* RUN Cr VI ON G196-0

Sample/Records - Archival & Disposal
Unless otherwise requested by client, all samples will be disposed 45 days after receipt and records will be disposed 1 year after submittal of final report.

Storage Fees (applies when storage is requested):
- Sample : $2.00 / sample / mo (after 45 days)
- Records : $1.00 / ATL workorder / mo (after 1 year)

Circle or Add Analysis(es) Requested: 8081A (Pesticides), 8082 (PCB), 8260B (Volatiles), 8270C (BNA), 6010B (Total Metal) (Pb), 8015B (GRO) / BTEX, 8015B (DRO), 8021 (BTEX), TITLE 22 / CAM 17 (6010 / 7000)

SPECIFY APPROPRIATE MATRIX: SOIL, WATER, GROUND WATER, WASTEWATER

QA/QC: RTNE ☐ CT ☒ SWRCB ☐ Logcode ____ OTHER ____

ITEM	LAB USE ONLY: Batch #: / Lab No.	Sample Description: Sample I.D. / Location	Date	Time	8270C (BNA)	6010B (Total Metal) (Pb)	SOIL	TAT	Container(s) #	Container(s) Type	PRESERVATION	REMARKS
	1100 SHL - 29, 30	G185-0, .5	12-30-11	0925	X		X	48 HR	2	Bg P		
	-31, 32	G186-0, .5	12-30-11	0925								
	-33, 34	G192-		0955								
	-35, 36	G193-		1000								
	-37, 38	G194-		1005					7	Bg P		TEST 6'
	-39/45	G195-0, 0.5, 1.5, 2.5, 3.5, 4.5, 5.5		0939								
	-46, 47	G199-0, .5	12-30-11	1025					2			
	-48, 49	G200-0, .5	12-30-11	1030								
	-50, 51	G201-0, .5	12-30-11	1035								
	-52, 53	G196-0, .5		1021								*

• TAT starts 8 a.m. following day if samples received after 3 p.m.

TAT: A= Overnight ≤ 24 hr B= Emergency Next workday C= Critical 2 Workdays D= Urgent 3 Workdays E= Routine 7 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=HCl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

DISTRIBUTION: White with report Yellow to folder Pink to submitter

CHAIN OF CUSTODY RECORD

Advanced Technology Laboratories
3275 Walnut Avenue
Signal Hill, CA 90755
(562) 989-4045 • Fax (562) 989-4040

FOR LABORATORY USE ONLY:

P.O.#: _____

Logged By: _____ Date: _____

Method of Transport: Client ☐ ATL ☐ CA OverN ☐ FEDEX ☐ Other: _____

Sample Condition Upon Receipt:
1. CHILLED Y☐ N☐ 4. SEALED Y☐ N☐
2. HEADSPACE (VOA) Y☐ N☐ 5. # OF SPLS MATCH COC Y☐ N☐
3. CONTAINER INTACT Y☐ N☐ 6. PRESERVED Y☐ N☐

Client: GEOCON CONSULTANTS, INC.
Attn: L. BEADLE
Address: 6671 Brisa Street
City: Livermore State: CA Zip Code: 94550
TEL: (925) 371-5900
FAX: (925) 371-5915

Project Name: TO-16 Project #: E8560-06-16 Sampler: (Printed Name) D. WATTS (Signature) [signature]

Relinquished by: (Signature and Printed Name) [signature] Date: 12/30/11 Time: 1600 Received by: (Signature and Printed Name) GSO Date: 12/30/11 Time: 1600
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) FEDEX Date: 12/31/11 Time: 0915
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:

I hereby authorize ATL to perform the work indicated below:
Project Mgr (Submitter)
D. WATTS 12/30/11
Print Name Date
[signature]
Signature

Send Report To:
Attn: _____
Co: SAME AS ABOVE
Address _____
City _____ State _____ Zip _____

Bill To:
Attn: _____
Co: SAME AS ABOVE
Address _____
City _____ State _____ Zip _____

Special Instructions/Comments:
10% OF ALL SAMPLES TO BE ANALYZED FOR pH (RANDOM, LAB)
SEE Pg 1
* RUN Cr VI ON G211-0

Sample/Records - Archival & Disposal
Unless otherwise requested by client, all samples will be disposed 45 days after receipt and records will be disposed 1 year after submittal of final report.
Storage Fees (applies when storage is requested):
- Sample : $2.00 / sample / mo (after 45 days)
- Records : $1.00 / ATL workorder / mo (after 1 year)

Circle or Add Analysis(es) Requested: 8081A (Pesticides), 8082 (PCB), 8260B (Volatiles), 8270C (BNA), 6010B (Total Metals) (Pb), 8015B (GRO) / BTEX, 8015B (DRO), 8021 (BTEX), TITLE 22 / CAM 17 (6010 / 7000)

SPECIFY APPROPRIATE MATRIX: SOIL, WATER, GROUND WATER, WASTEWATER

ITEM	LAB USE ONLY: Batch #: / Lab No.	Sample Description: Sample I.D. / Location	Date	Time	8270C (BNA)	6010B (Total Metals) (Pb)	SOIL	TAT	Container(s) #	Container(s) Type	PRESERVATION	QA/QC: RTNE ☐ CT ☒ SWRCB ☐ Logcode ___ OTHER ___ REMARKS
	1100 844 - 57, 58	G197 - 0, 5	12-30-11	1024	X		X	48 hr	2	Bj P		
	- 56, 57	G198 - 0, 5	12-30-11	1031					↓			
	- 58/65	G203 - 0, 0.5, 1.5, 2.5, 3.5, 4.5, 5.5, 6.5		1041					8			
	- 65/68	G217 - 0, 0.5, 1.5, 2		1127					4			RF 2.5'
	- 70, 74	G211 - 0, 0.5		1125					2			*
	- 72, 73	G212 -		1130								
	- 74, 75	G213 -		1135								
	- 76, 77	G214 -		1140								
	- 78, 79	G215 -		1142								
	- 89, 90	G216 -		1144								

• TAT starts 8 a.m. following day if samples received after 3 p.m.

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Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=HCl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

DISTRIBUTION: White with report Yellow to folder Pink to submitter

CHAIN OF CUSTODY RECORD

Advanced Technology Laboratories
3275 Walnut Avenue
Signal Hill, CA 90755
(562) 989-4045 • Fax (562) 989-4040

FOR LABORATORY USE ONLY:

P.O.#: _____

Logged By: _____ Date: _____

Method of Transport: Client ☐ ATL ☐ CA OverN ☐ FEDEX ☐ Other: _____

Sample Condition Upon Receipt: 1. CHILLED Y☐ N☐ 2. HEADSPACE (VOA) Y☐ N☐ 3. CONTAINER INTACT Y☐ N☐ 4. SEALED Y☐ N☐ 5. # OF SPLS MATCH COC Y☐ N☐ 6. PRESERVED Y☐ N☐

Client: GEOCON CONSULTANTS, INC.
Attn: L. BEADLE
Address: 6671 Brisa Street
City: Livermore State: CA Zip Code: 94550
TEL: (925) 371-5900
FAX: (925) 371-5915

Project Name: TO-16 Project #: E8560-06-16 Sampler: (Printed Name) D. WATTS (Signature)

Relinquished by: (Signature and Printed Name)	Date:	Time:	Received by: (Signature and Printed Name)	Date:	Time:
	12/30/11	1600		12/30/11	1600
				12/31/11	0915

I hereby authorize ATL to perform the work indicated below:
Project Mgr/Submitter: D. WATTS 12/30/11
Print Name Date
Signature

Send Report To: Attn: _____ Co: SAME AS ABOVE Address _____ City _____ State _____ Zip _____

Bill To: Attn: _____ Co: SAME AS ABOVE Address _____ City _____ State _____ Zip _____

Special Instructions/Comments: SEE Pg 1

Sample/Records - Archival & Disposal
Unless otherwise requested by client, all samples will be disposed 45 days after receipt and records will be disposed 1 year after submittal of final report.

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- Sample : $2.00 / sample / mo (after 45 days)
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Circle or Add Analysis(es) Requested: 8081A (Pesticides), 8082 (PCB), 8260B (Volatiles), 8270C (BNA), 6010B (Total Metal) - Pb, 8015B (GRO) / BTEX, 8015B (DRO), 8021 (BTEX), TITLE 22 / CAM 17 (6010 / 7000)

SPECIFY APPROPRIATE MATRIX: SOIL, WATER, GROUND WATER, WASTEWATER

QA/QC: RTNE ☐ CT ☒ SWRCB ☐ Logcode ____ OTHER ____

ITEM	LAB USE ONLY: Batch #: / Lab No.	Sample Description: Sample I.D. / Location	Date	Time	8081A (Pesticides)	8082 (PCB)	8260B (Volatiles)	8270C (BNA)	6010B (Total Metal) - Pb	8015B (GRO) / BTEX	8015B (DRO)	8021 (BTEX)	TITLE 22 / CAM 17 (6010 / 7000)	SOIL	WATER	GROUND WATER	WASTEWATER	TAT	Container(s) #	Container(s) Type	PRESERVATION	REMARKS
	1100842 - 82,83	G128-0, 0.5	12/29/11	1211				X						X				48 Hr	2	Bag		
	- 84,85	G129-		1214																		
	- 86,87	G130-		1221																		
	- 88,89	G131-		1210																		
	- 90,91	G132-		1215																		
	- 92,93	G133-		1217																		

• TAT starts 8 a.m. following day if samples received after 3 p.m.

TAT: A= Overnight ≤ 24 hr B= Emergency Next workday C= Critical 2 Workdays D= Urgent 3 Workdays E= Routine 7 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=HCl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

DISTRIBUTION: White with report Yellow to folder Pink to submitter

ADVANCED TECHNOLOGY LABORATORIES

January 11, 2012

ELAP No.: 1838
NELAP No.: 02107CA
CSDLAC No.: 10196
ORELAP No.: CA300003

Luann Beadle
Geocon Consultants, Inc.
6671 Brisa Street
Livermore, CA 94550
Tel: (925) 371-5900
Fax:(925) 371-5915

Re: ATL Work Order Number : 1100842
Client Reference : TO-16, E8560-06-16

Enclosed are the results for sample(s) received on December 31, 2011 by Advanced Technology Laboratories. The sample(s) are tested for the parameters as indicated on the enclosed chain of custody in accordance with applicable laboratory certifications. The laboratory results contained in this report specifically pertains to the sample(s) submitted.

Thank you for the opportunity to serve the needs of your company. If you have any questions, please feel free to contact me or your Project Manager.

Sincerely,

Eddie Rodriguez
Laboratory Director

The cover letter and the case narrative are an integral part of this analytical report and its absence renders the report invalid. The report cannot be reproduced without written permission from the client and Advanced Technology Laboratories.

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www.atlglobal.com

Geocon Consultants, Inc.	Project Number : TO-16, E8560-06-16
6671 Brisa Street	Report To : Luann Beadle
Livermore , CA 94550	Reported : 01/11/2012

SUMMARY OF SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
G8-0	1100842-01	Soil	12/30/11 8:04	12/31/11 9:15
G143-0	1100842-03	Soil	12/30/11 8:25	12/31/11 9:15
G189-.5	1100842-11	Soil	12/30/11 9:30	12/31/11 9:15
G189-.5	1100842-11	Soil	12/30/11 9:30	12/31/11 9:15
G190-0	1100842-12	Soil	12/30/11 9:35	12/31/11 9:15
G191-0	1100842-14	Soil	12/30/11 9:40	12/31/11 9:15
G191-.5	1100842-15	Soil	12/30/11 9:40	12/31/11 9:15
G182-0	1100842-23	Soil	12/30/11 9:10	12/31/11 9:15
G183-0	1100842-25	Soil	12/30/11 9:15	12/31/11 9:15
G183-.5	1100842-26	Soil	12/30/11 9:15	12/31/11 9:15
G185-0	1100842-29	Soil	12/30/11 9:25	12/31/11 9:15
G185-0	1100842-29	Soil	12/30/11 9:25	12/31/11 9:15
G186-0	1100842-31	Soil	12/30/11 9:25	12/31/11 9:15
G194-0	1100842-37	Soil	12/30/11 10:05	12/31/11 9:15
G194-0	1100842-37	Soil	12/30/11 10:05	12/31/11 9:15
G194-.5	1100842-38	Soil	12/30/11 10:05	12/31/11 9:15
G195-0	1100842-39	Soil	12/30/11 9:39	12/31/11 9:15
G195-0.5	1100842-40	Soil	12/30/11 9:39	12/31/11 9:15
G199-0	1100842-46	Soil	12/30/11 10:25	12/31/11 9:15
G199-.5	1100842-47	Soil	12/30/11 10:25	12/31/11 9:15
G196-.5	1100842-53	Soil	12/30/11 10:21	12/31/11 9:15
G197-0	1100842-54	Soil	12/30/11 10:24	12/31/11 9:15
G197-.5	1100842-55	Soil	12/30/11 10:24	12/31/11 9:15
G198-0	1100842-56	Soil	12/30/11 10:31	12/31/11 9:15
G198-.5	1100842-57	Soil	12/30/11 10:31	12/31/11 9:15
G203-0	1100842-58	Soil	12/30/11 10:41	12/31/11 9:15
G203-0.5	1100842-59	Soil	12/30/11 10:41	12/31/11 9:15
G217-0	1100842-66	Soil	12/30/11 11:27	12/31/11 9:15
G217-2	1100842-69	Soil	12/30/11 11:27	12/31/11 9:15
G211-0	1100842-70	Soil	12/30/11 11:25	12/31/11 9:15
G211-0.5	1100842-71	Soil	12/30/11 11:25	12/31/11 9:15
G212-0	1100842-72	Soil	12/30/11 11:30	12/31/11 9:15
G212-0.5	1100842-73	Soil	12/30/11 11:30	12/31/11 9:15
G213-0	1100842-74	Soil	12/30/11 11:35	12/31/11 9:15
G213-0.5	1100842-75	Soil	12/30/11 11:35	12/31/11 9:15

Geocon Consultants, Inc.	Project Number :	TO-16, E8560-06-16
6671 Brisa Street	Report To :	Luann Beadle
Livermore , CA 94550	Reported :	01/11/2012

G214-0	1100842-76	Soil	12/30/11 11:40	12/31/11 9:15
G214-0.5	1100842-77	Soil	12/30/11 11:40	12/31/11 9:15
G215-0	1100842-78	Soil	12/30/11 11:42	12/31/11 9:15
G215-0.5	1100842-79	Soil	12/30/11 11:42	12/31/11 9:15
G216-0	1100842-80	Soil	12/30/11 11:44	12/31/11 9:15
G216-0.5	1100842-81	Soil	12/30/11 11:44	12/31/11 9:15
G128-0	1100842-82	Soil	12/30/11 12:11	12/31/11 9:15
G128-0.5	1100842-83	Soil	12/30/11 12:11	12/31/11 9:15
G129-0	1100842-84	Soil	12/30/11 12:14	12/31/11 9:15
G129-0	1100842-84	Soil	12/30/11 12:14	12/31/11 9:15
G129-0.5	1100842-85	Soil	12/30/11 12:14	12/31/11 9:15
G129-0.5	1100842-85	Soil	12/30/11 12:14	12/31/11 9:15
G130-0	1100842-86	Soil	12/30/11 12:21	12/31/11 9:15
G130-0	1100842-86	Soil	12/30/11 12:21	12/31/11 9:15
G131-0.5	1100842-89	Soil	12/30/11 12:10	12/31/11 9:15
G132-0	1100842-90	Soil	12/30/11 12:15	12/31/11 9:15
G132-0.5	1100842-91	Soil	12/30/11 12:15	12/31/11 9:15

Geocon Consultants, Inc.	Project Number : TO-16, E8560-06-16
6671 Brisa Street	Report To : Luann Beadle
Livermore , CA 94550	Reported : 01/11/2012

STLC Lead by AA (Direct Aspiration) by EPA 7420

Analyte: Lead **Analyst: VV**

Laboratory ID	Client Sample ID	Result	Units	PQL	MDL	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1100842-01	G8-0	**7.1**	mg/L	0.50	NA	1	B2A0237	01/09/2012	01/11/12 11:53	
1100842-03	G143-0	**5.5**	mg/L	0.50	NA	1	B2A0237	01/09/2012	01/11/12 11:53	
1100842-12	G190-0	**3.4**	mg/L	0.50	NA	1	B2A0237	01/09/2012	01/11/12 11:54	
1100842-14	G191-0	**16**	mg/L	1.0	NA	2	B2A0237	01/09/2012	01/11/12 11:55	
1100842-15	G191-.5	**3.0**	mg/L	0.50	NA	1	B2A0237	01/09/2012	01/11/12 11:55	
1100842-23	G182-0	**9.8**	mg/L	1.0	NA	2	B2A0237	01/09/2012	01/11/12 11:56	
1100842-25	G183-0	**11**	mg/L	1.0	NA	2	B2A0237	01/09/2012	01/11/12 11:56	
1100842-26	G183-.5	**1.7**	mg/L	0.50	NA	1	B2A0237	01/09/2012	01/11/12 11:57	
1100842-31	G186-0	**10**	mg/L	1.0	NA	2	B2A0237	01/09/2012	01/11/12 11:59	
1100842-38	G194-.5	**2.0**	mg/L	0.50	NA	1	B2A0237	01/09/2012	01/11/12 12:01	
1100842-39	G195-0	**6.6**	mg/L	0.50	NA	1	B2A0237	01/09/2012	01/11/12 12:01	
1100842-40	G195-0.5	**2.4**	mg/L	0.50	NA	1	B2A0237	01/09/2012	01/11/12 12:01	
1100842-46	G199-0	**1.8**	mg/L	0.50	NA	1	B2A0237	01/09/2012	01/11/12 12:02	
1100842-47	G199-.5	**4.8**	mg/L	0.50	NA	1	B2A0237	01/09/2012	01/11/12 12:02	
1100842-53	G196-.5	**3.7**	mg/L	0.50	NA	1	B2A0237	01/09/2012	01/11/12 12:03	
1100842-54	G197-0	**4.9**	mg/L	0.50	NA	1	B2A0237	01/09/2012	01/11/12 12:04	
1100842-55	G197-.5	**2.0**	mg/L	0.50	NA	1	B2A0237	01/09/2012	01/11/12 12:05	
1100842-56	G198-0	**2.8**	mg/L	0.50	NA	1	B2A0237	01/09/2012	01/11/12 12:05	
1100842-57	G198-.5	**3.5**	mg/L	0.50	NA	1	B2A0237	01/09/2012	01/11/12 12:05	
1100842-58	G203-0	**12**	mg/L	1.0	NA	2	B2A0238	01/09/2012	01/11/12 12:09	
1100842-59	G203-0.5	**0.53**	mg/L	0.50	NA	1	B2A0238	01/09/2012	01/11/12 12:10	
1100842-66	G217-0	**4.1**	mg/L	0.50	NA	1	B2A0238	01/09/2012	01/11/12 12:11	
1100842-69	G217-2	**3.4**	mg/L	0.50	NA	1	B2A0238	01/09/2012	01/11/12 12:11	
1100842-70	G211-0	**7.4**	mg/L	0.50	NA	1	B2A0238	01/09/2012	01/11/12 12:11	
1100842-71	G211-0.5	**4.1**	mg/L	0.50	NA	1	B2A0238	01/09/2012	01/11/12 12:12	
1100842-72	G212-0	**13**	mg/L	1.0	NA	2	B2A0238	01/09/2012	01/11/12 12:13	
1100842-73	G212-0.5	**7.0**	mg/L	0.50	NA	1	B2A0238	01/09/2012	01/11/12 12:13	
1100842-74	G213-0	**11**	mg/L	1.0	NA	2	B2A0238	01/09/2012	01/11/12 12:14	
1100842-75	G213-0.5	**16**	mg/L	1.0	NA	2	B2A0238	01/09/2012	01/11/12 12:16	
1100842-76	G214-0	**14**	mg/L	1.0	NA	2	B2A0238	01/09/2012	01/11/12 12:18	

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1100842-77	G214-0.5	**20**	mg/L	2.0	NA	4	B2A0238	01/09/2012	01/11/12 12:19
1100842-78	G215-0	**18**	mg/L	1.0	NA	2	B2A0238	01/09/2012	01/11/12 12:20
1100842-79	G215-0.5	**4.2**	mg/L	0.50	NA	1	B2A0238	01/09/2012	01/11/12 12:20
1100842-80	G216-0	**9.0**	mg/L	0.50	NA	1	B2A0238	01/09/2012	01/11/12 12:20
1100842-81	G216-0.5	**6.2**	mg/L	0.50	NA	1	B2A0238	01/09/2012	01/11/12 12:21
1100842-82	G128-0	**8.1**	mg/L	0.50	NA	1	B2A0238	01/09/2012	01/11/12 12:21
1100842-83	G128-0.5	**9.1**	mg/L	0.50	NA	1	B2A0238	01/09/2012	01/11/12 12:21
1100842-89	G131-0.5	**2.0**	mg/L	0.50	NA	1	B2A0238	01/09/2012	01/11/12 12:22
1100842-90	G132-0	**28**	mg/L	2.5	NA	5	B2A0238	01/09/2012	01/11/12 12:24
1100842-91	G132-0.5	**4.9**	mg/L	0.50	NA	1	B2A0239	01/09/2012	01/11/12 12:26

TCLP Lead by AA (Direct Aspiration) EPA 7420

Analyte: Lead **Analyst: VV**

Laboratory ID	Client Sample ID	Result	Units	PQL	MDL	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1100842-11	G189-.5	**4.4**	mg/L	0.50	NA	1	B2A0291	01/11/2012	01/11/12 13:35	
1100842-29	G185-0	**0.96**	mg/L	0.50	NA	1	B2A0291	01/11/2012	01/11/12 13:35	
1100842-37	G194-0	**1.2**	mg/L	0.50	NA	1	B2A0291	01/11/2012	01/11/12 13:35	
1100842-84	G129-0	**ND**	mg/L	0.50	NA	1	B2A0291	01/11/2012	01/11/12 13:35	
1100842-85	G129-0.5	**ND**	mg/L	0.50	NA	1	B2A0291	01/11/2012	01/11/12 13:36	
1100842-86	G130-0	**ND**	mg/L	0.50	NA	1	B2A0291	01/11/2012	01/11/12 13:37	

Geocon Consultants, Inc.	Project Number : TO-16, E8560-06-16
6671 Brisa Street	Report To : Luann Beadle
Livermore , CA 94550	Reported : 01/11/2012

QUALITY CONTROL SECTION

STLC Lead by AA (Direct Aspiration) by EPA 7420 - Quality Control

Analyte	Result (mg/L)	PQL (mg/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0237 - STLC Extraction									
Blank (B2A0237-BLK1)					Prepared: 1/9/2012 Analyzed: 1/11/2012				
Lead	ND	0.50			NR				
Blank (B2A0237-BLK2)					Prepared: 1/9/2012 Analyzed: 1/11/2012				
Lead	ND	0.50			NR				
LCS (B2A0237-BS1)					Prepared: 1/9/2012 Analyzed: 1/11/2012				
Lead	5.0	0.05	5.00		99.5	80 - 120			
Duplicate (B2A0237-DUP1)		**Source: 1100842-31**			Prepared: 1/9/2012 Analyzed: 1/11/2012				
Lead	10	1.0		10	NR		0.338	20	
Duplicate (B2A0237-DUP2)		**Source: 1100842-57**			Prepared: 1/9/2012 Analyzed: 1/11/2012				
Lead	3.5	0.50		3.5	NR		1.03	20	
Matrix Spike (B2A0237-MS1)		**Source: 1100842-31**			Prepared: 1/9/2012 Analyzed: 1/11/2012				
Lead	15	0.10	5.00	10	103	80 - 120			
Matrix Spike (B2A0237-MS2)		**Source: 1100842-57**			Prepared: 1/9/2012 Analyzed: 1/11/2012				
Lead	8.4	0.05	5.00	3.5	97.0	80 - 120			
Matrix Spike Dup (B2A0237-MSD1)		**Source: 1100842-31**			Prepared: 1/9/2012 Analyzed: 1/11/2012				
Lead	15	0.10	5.00	10	100	80 - 120	0.917	20	
Batch B2A0238 - STLC Extraction									
Blank (B2A0238-BLK1)					Prepared: 1/9/2012 Analyzed: 1/11/2012				
Lead	ND	0.50			NR				
Blank (B2A0238-BLK2)					Prepared: 1/9/2012 Analyzed: 1/11/2012				
Lead	ND	0.50			NR				
LCS (B2A0238-BS1)					Prepared: 1/9/2012 Analyzed: 1/11/2012				
Lead	5.0	0.05	5.00		100	80 - 120			
Duplicate (B2A0238-DUP1)		**Source: 1100842-75**			Prepared: 1/9/2012 Analyzed: 1/11/2012				
Lead	16	1.0		16	NR		0.978	20	
Duplicate (B2A0238-DUP2)		**Source: 1100842-90**			Prepared: 1/9/2012 Analyzed: 1/11/2012				
Lead	27	2.5		28	NR		3.16	20	
Matrix Spike (B2A0238-MS1)		**Source: 1100842-75**			Prepared: 1/9/2012 Analyzed: 1/11/2012				
Lead	21	0.20	5.00	16	90.1	80 - 120			
Matrix Spike (B2A0238-MS2)		**Source: 1100842-90**			Prepared: 1/9/2012 Analyzed: 1/11/2012				

Geocon Consultants, Inc.	Project Number : TO-16, E8560-06-16
6671 Brisa Street	Report To : Luann Beadle
Livermore , CA 94550	Reported : 01/11/2012

STLC Lead by AA (Direct Aspiration) by EPA 7420 - Quality Control (cont'd)

Analyte	Result (mg/L)	PQL (mg/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0238 - STLC Extraction (continued)									
Matrix Spike (B2A0238-MS2) - Continued		**Source: 1100842-90**			Prepared: 1/9/2012 Analyzed: 1/11/2012				
Lead	31	0.25	5.00	28	54.4	80 - 120			M1
Matrix Spike Dup (B2A0238-MSD1)		**Source: 1100842-75**			Prepared: 1/9/2012 Analyzed: 1/11/2012				
Lead	22	0.20	5.00	16	108	80 - 120	4.10	20	
Batch B2A0239 - STLC Extraction									
Blank (B2A0239-BLK1)					Prepared: 1/9/2012 Analyzed: 1/11/2012				
Lead	ND	0.50			NR				
LCS (B2A0239-BS1)					Prepared: 1/9/2012 Analyzed: 1/11/2012				
Lead	4.9	0.05	5.00		97.1	80 - 120			
Duplicate (B2A0239-DUP1)		**Source: 1100842-91**			Prepared: 1/9/2012 Analyzed: 1/11/2012				
Lead	4.9	0.50		4.9	NR		0.946	20	
Matrix Spike (B2A0239-MS1)		**Source: 1100842-91**			Prepared: 1/9/2012 Analyzed: 1/11/2012				
Lead	9.6	0.10	5.00	4.9	93.4	80 - 120			
Matrix Spike Dup (B2A0239-MSD1)		**Source: 1100842-91**			Prepared: 1/9/2012 Analyzed: 1/11/2012				
Lead	9.7	0.10	5.00	4.9	95.2	80 - 120	0.968	20	
Batch S2A0113 - B2A0239									
Instrument Blank (S2A0113-IBL1)					Prepared: 1/11/2012 Analyzed: 1/11/2012				
Lead	ND	0.50			NR				

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/11/2012

TCLP Lead by AA (Direct Aspiration) EPA 7420 - Quality Control

Analyte	Result (mg/L)	PQL (mg/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0291 - EPA 3010A									
Blank (B2A0291-BLK1)					Prepared: 1/11/2012 Analyzed: 1/11/2012				
Lead	ND	0.50			NR				
Blank (B2A0291-BLK2)					Prepared: 1/11/2012 Analyzed: 1/11/2012				
Lead	ND	0.50			NR				
LCS (B2A0291-BS1)					Prepared: 1/11/2012 Analyzed: 1/11/2012				
Lead	1.1	0.50	1.00		111	80 - 120			
Duplicate (B2A0291-DUP1)		**Source: 1100842-86**			Prepared: 1/11/2012 Analyzed: 1/11/2012				
Lead	0.19	0.50		0.18	NR		6.22	20	
Matrix Spike (B2A0291-MS1)		**Source: 1100842-86**			Prepared: 1/11/2012 Analyzed: 1/11/2012				
Lead	2.7	0.50	2.50	0.18	102	80 - 120			
Matrix Spike Dup (B2A0291-MSD1)		**Source: 1100842-86**			Prepared: 1/11/2012 Analyzed: 1/11/2012				
Lead	2.8	0.50	2.50	0.18	105	80 - 120	2.15	20	
Batch S2A0114 - B2A0291									
Instrument Blank (S2A0114-IBL1)					Prepared: 1/11/2012 Analyzed: 1/11/2012				
Lead	ND	0.50			NR				

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/11/2012

Notes and Definitions

M1	Matrix spike recovery outside of acceptance limit. The analytical batch was validated by the laboratory control sample.
ND	Analyte not detected at or above reporting limit
PQL	Practical Quantitation Limit
MDL	Method Detection Limit
NR	Not Reported
RPD	Relative Percent Difference

Diane Galvan

From: Luann Beadle [beadle@geoconinc.com]
Sent: Friday, January 06, 2012 3:16 PM
To: Diane Galvan
Subject: TO-16 (Lab Order 1100842)

Hello Diane,

Please run soluble metals for the following:

File 1100842.xls
WET:
Sample Name - Lab Sample ID - Analyte

G143-0	1100842-03	Lead
G132-0.5	1100842-91	Lead
G186-0	1100842-31	Lead
G194-.5	1100842-38	Lead
G195-0	1100842-39	Lead
G217-0	1100842-66	Lead
G212-0.5	1100842-73	Lead
G215-0.5	1100842-79	Lead
G212-0	1100842-72	Lead
G216-0.5	1100842-81	Lead
G128-0	1100842-82	Lead
G216-0	1100842-80	Lead
G197-0	1100842-54	Lead
G132-0	1100842-90	Lead
G191-0	1100842-14	Lead
G182-0	1100842-23	Lead
G196-.5	1100842-53	Lead
G128-0.5	1100842-83	Lead
G213-0	1100842-74	Lead
G215-0	1100842-78	Lead
G199-.5	1100842-47	Lead
G203-0	1100842-58	Lead
G213-0.5	1100842-75	Lead
G214-0.5	1100842-77	Lead
G8-0	1100842-01	Lead
G183-0	1100842-25	Lead
G214-0	1100842-76	Lead
G203-0.5	1100842-59	Lead
G131-0.5	1100842-89	Lead
G183-.5	1100842-26	Lead
G190-0	1100842-12	Lead
G198-.5	1100842-57	Lead
G197-.5	1100842-55	Lead
G198-0	1100842-56	Lead
G211-0.5	1100842-71	Lead
G195-0.5	1100842-40	Lead
G217-2	1100842-69	Lead
G199-0	1100842-46	Lead

G211-0 1100842-70 Lead
G191-.5 1100842-15 Lead

TCLP:
Sample Name - Lab Sample ID - Analyte
G194-0 1100842-37 Lead
G189-.5 1100842-11 Lead
G130-0 1100842-86 Lead
G129-0 1100842-84 Lead
G129-0.5 1100842-85 Lead
G185-0 1100842-29 Lead

Expedited TAT, please.

Thank you,
Luann

Luann Beadle | *Senior Staff Scientist*
Geocon Consultants, Inc.
6671 Brisa Street, Livermore, California 94550
Tel 925.371.5900 Fax 925.371.5915
www.geoconinc.com

ADVANCED TECHNOLOGY LABORATORIES

January 17, 2012

ELAP No.: 1838
NELAP No.: 02107CA
CSDLAC No.: 10196
ORELAP No.: CA300003

Luann Beadle
Geocon Consultants, Inc.
6671 Brisa Street
Livermore, CA 94550
Tel: (925) 371-5900
Fax:(925) 371-5915

Re: ATL Work Order Number : 1100842
Client Reference : TO-16, E8560-06-16

Enclosed are the results for sample(s) received on December 31, 2011 by Advanced Technology Laboratories. The sample(s) are tested for the parameters as indicated on the enclosed chain of custody in accordance with applicable laboratory certifications. The laboratory results contained in this report specifically pertains to the sample(s) submitted.

Thank you for the opportunity to serve the needs of your company. If you have any questions, please feel free to contact me or your Project Manager.

Sincerely,

Eddie Rodriguez
Laboratory Director

The cover letter and the case narrative are an integral part of this analytical report and its absence renders the report invalid. The report cannot be reproduced without written permission from the client and Advanced Technology Laboratories.

Geocon Consultants, Inc.	Project Number : TO-16, E8560-06-16
6671 Brisa Street	Report To : Luann Beadle
Livermore , CA 94550	Reported : 01/17/2012

SUMMARY OF SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
G8-0	1100842-01	Soil	12/30/11 8:04	12/31/11 9:15
G143-0	1100842-03	Soil	12/30/11 8:25	12/31/11 9:15
G191-0	1100842-14	Soil	12/30/11 9:40	12/31/11 9:15
G182-0	1100842-23	Soil	12/30/11 9:10	12/31/11 9:15
G183-0	1100842-25	Soil	12/30/11 9:15	12/31/11 9:15
G186-0	1100842-31	Soil	12/30/11 9:25	12/31/11 9:15
G195-0	1100842-39	Soil	12/30/11 9:39	12/31/11 9:15
G203-0	1100842-58	Soil	12/30/11 10:41	12/31/11 9:15
G211-0	1100842-70	Soil	12/30/11 11:25	12/31/11 9:15
G212-0	1100842-72	Soil	12/30/11 11:30	12/31/11 9:15
G212-0.5	1100842-73	Soil	12/30/11 11:30	12/31/11 9:15
G213-0	1100842-74	Soil	12/30/11 11:35	12/31/11 9:15
G213-0.5	1100842-75	Soil	12/30/11 11:35	12/31/11 9:15
G214-0	1100842-76	Soil	12/30/11 11:40	12/31/11 9:15
G214-0.5	1100842-77	Soil	12/30/11 11:40	12/31/11 9:15
G215-0	1100842-78	Soil	12/30/11 11:42	12/31/11 9:15
G216-0	1100842-80	Soil	12/30/11 11:44	12/31/11 9:15
G216-0.5	1100842-81	Soil	12/30/11 11:44	12/31/11 9:15
G128-0	1100842-82	Soil	12/30/11 12:11	12/31/11 9:15
G128-0.5	1100842-83	Soil	12/30/11 12:11	12/31/11 9:15
G132-0	1100842-90	Soil	12/30/11 12:15	12/31/11 9:15

Geocon Consultants, Inc.	Project Number : TO-16, E8560-06-16
6671 Brisa Street	Report To : Luann Beadle
Livermore , CA 94550	Reported : 01/17/2012

STLC-DI Lead by AA (Direct Aspiration) EPA 7420

Analyte: Lead **Analyst: VV**

Laboratory ID	Client Sample ID	Result	Units	PQL	MDL	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1100842-01	G8-0	**ND**	mg/L	0.50	NA	1	B2A0370	01/14/2012	01/16/12 17:31	
1100842-03	G143-0	**ND**	mg/L	0.50	NA	1	B2A0370	01/14/2012	01/16/12 17:31	
1100842-14	G191-0	**ND**	mg/L	0.50	NA	1	B2A0370	01/14/2012	01/16/12 17:32	
1100842-23	G182-0	**ND**	mg/L	0.50	NA	1	B2A0370	01/14/2012	01/16/12 17:32	
1100842-25	G183-0	**ND**	mg/L	0.50	NA	1	B2A0371	01/14/2012	01/16/12 17:34	
1100842-31	G186-0	**ND**	mg/L	0.50	NA	1	B2A0371	01/14/2012	01/16/12 17:34	
1100842-39	G195-0	**ND**	mg/L	0.50	NA	1	B2A0371	01/14/2012	01/16/12 17:34	
1100842-58	G203-0	**ND**	mg/L	0.50	NA	1	B2A0371	01/14/2012	01/16/12 17:36	
1100842-70	G211-0	**ND**	mg/L	0.50	NA	1	B2A0371	01/14/2012	01/16/12 17:36	
1100842-72	G212-0	**ND**	mg/L	0.50	NA	1	B2A0371	01/14/2012	01/16/12 17:36	
1100842-73	G212-0.5	**ND**	mg/L	0.50	NA	1	B2A0371	01/14/2012	01/16/12 17:36	
1100842-74	G213-0	**ND**	mg/L	0.50	NA	1	B2A0371	01/14/2012	01/16/12 17:37	
1100842-75	G213-0.5	**ND**	mg/L	0.50	NA	1	B2A0371	01/14/2012	01/16/12 17:37	
1100842-76	G214-0	**ND**	mg/L	0.50	NA	1	B2A0371	01/14/2012	01/16/12 17:37	
1100842-77	G214-0.5	**ND**	mg/L	0.50	NA	1	B2A0371	01/14/2012	01/16/12 17:39	
1100842-78	G215-0	**ND**	mg/L	0.50	NA	1	B2A0371	01/14/2012	01/16/12 17:40	
1100842-80	G216-0	**ND**	mg/L	0.50	NA	1	B2A0371	01/14/2012	01/16/12 17:40	
1100842-81	G216-0.5	**ND**	mg/L	0.50	NA	1	B2A0371	01/14/2012	01/16/12 17:40	
1100842-82	G128-0	**ND**	mg/L	0.50	NA	1	B2A0371	01/14/2012	01/16/12 17:41	
1100842-83	G128-0.5	**ND**	mg/L	0.50	NA	1	B2A0371	01/14/2012	01/16/12 17:41	
1100842-90	G132-0	**ND**	mg/L	0.50	NA	1	B2A0371	01/14/2012	01/16/12 17:41	

Geocon Consultants, Inc.	Project Number : TO-16, E8560-06-16
6671 Brisa Street	Report To : Luann Beadle
Livermore , CA 94550	Reported : 01/17/2012

QUALITY CONTROL SECTION

STLC-DI Lead by AA (Direct Aspiration) EPA 7420 - Quality Control

Analyte	Result (mg/L)	PQL (mg/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0370 - STLC DI Extraction									
Blank (B2A0370-BLK1)					Prepared: 1/14/2012 Analyzed: 1/16/2012				
Lead	ND	0.50			NR				
Blank (B2A0370-BLK2)					Prepared: 1/14/2012 Analyzed: 1/16/2012				
Lead	ND	0.50			NR				
LCS (B2A0370-BS1)					Prepared: 1/14/2012 Analyzed: 1/16/2012				
Lead	5.1	0.05	5.00		101	80 - 120			
Duplicate (B2A0370-DUP1)		**Source: 1100837-BM**			Prepared: 1/14/2012 Analyzed: 1/16/2012				
Lead	0.16	0.50		0.12	NR		29.6	20	R
Duplicate (B2A0370-DUP2)		**Source: 1100842-23**			Prepared: 1/14/2012 Analyzed: 1/16/2012				
Lead	0.21	0.50		ND	NR			20	
Matrix Spike (B2A0370-MS1)		**Source: 1100837-BM**			Prepared: 1/14/2012 Analyzed: 1/16/2012				
Lead	5.1	0.05	5.00	0.12	99.5	80 - 120			
Matrix Spike (B2A0370-MS2)		**Source: 1100842-23**			Prepared: 1/14/2012 Analyzed: 1/16/2012				
Lead	5.0	0.05	5.00	ND	99.3	80 - 120			
Matrix Spike Dup (B2A0370-MSD1)		**Source: 1100837-BM**			Prepared: 1/14/2012 Analyzed: 1/16/2012				
Lead	5.1	0.05	5.00	0.12	98.9	80 - 120	0.607	20	
Batch B2A0371 - STLC DI Extraction									
Blank (B2A0371-BLK1)					Prepared: 1/14/2012 Analyzed: 1/16/2012				
Lead	ND	0.50			NR				
Blank (B2A0371-BLK2)					Prepared: 1/14/2012 Analyzed: 1/16/2012				
Lead	ND	0.50			NR				
LCS (B2A0371-BS1)					Prepared: 1/14/2012 Analyzed: 1/16/2012				
Lead	5.0	0.05	5.00		101	80 - 120			
Duplicate (B2A0371-DUP1)		**Source: 1100842-76**			Prepared: 1/14/2012 Analyzed: 1/16/2012				
Lead	0.12	0.50		ND	NR			20	
Duplicate (B2A0371-DUP2)		**Source: 1200011-03**			Prepared: 1/14/2012 Analyzed: 1/16/2012				
Lead	ND	0.50		0.10	NR			20	
Matrix Spike (B2A0371-MS1)		**Source: 1100842-76**			Prepared: 1/14/2012 Analyzed: 1/16/2012				
Lead	4.8	0.05	5.00	ND	96.9	80 - 120			
Matrix Spike (B2A0371-MS2)		**Source: 1200011-03**			Prepared: 1/14/2012 Analyzed: 1/16/2012				
Lead	5.2	0.05	5.00	0.10	101	80 - 120			

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/17/2012

STLC-DI Lead by AA (Direct Aspiration) EPA 7420 - Quality Control (cont'd)

Analyte	Result (mg/L)	PQL (mg/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0371 - STLC DI Extraction (continued)									
Matrix Spike Dup (B2A0371-MSD1)		**Source: 1100842-76**			Prepared: 1/14/2012 Analyzed: 1/16/2012				
Lead	5.1	0.05	5.00	ND	101	80 - 120	4.38	20	
Batch S2A0168 - B2A0372									
Instrument Blank (S2A0168-IBL1)					Prepared: 1/16/2012 Analyzed: 1/16/2012				
Lead	ND	0.50			NR				

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/17/2012

Notes and Definitions

R	RPD value outside acceptance criteria. Calculation is based on raw values.
ND	Analyte not detected at or above reporting limit
PQL	Practical Quantitation Limit
MDL	Method Detection Limit
NR	Not Reported
RPD	Relative Percent Difference

Diane Galvan

From: Luann Beadle [beadle@geoconinc.com]
Sent: Thursday, January 12, 2012 11:53 AM
To: Diane Galvan
Subject: Additional Results/EDD - TO-16 (1100842add1.xls)

Hi Diane,

Per Caltrans, please do the following on an expedited TAT:

Run DI-WET for the following:

Sample Name	Lab Sample ID	Analyte
G143-0	1100842-03	Lead
G216-0.5	1100842-81	Lead
G195-0	1100842-39	Lead
G212-0.5	1100842-73	Lead
G8-0	1100842-01	Lead
G211-0	1100842-70	Lead
G128-0	1100842-82	Lead
G216-0	1100842-80	Lead
G128-0.5	1100842-83	Lead
G182-0	1100842-23	Lead
G186-0	1100842-31	Lead
G183-0	1100842-25	Lead
G213-0	1100842-74	Lead
G203-0	1100842-58	Lead
G212-0	1100842-72	Lead
G214-0	1100842-76	Lead
G191-0	1100842-14	Lead
G213-0.5	1100842-75	Lead
G215-0	1100842-78	Lead
G214-0.5	1100842-77	Lead

```
|-------------+-----------+---------|
|G132-0       |1100842-90 |Lead     |
|-------------+-----------+---------|
```

Thank you,
Luann

ADVANCED TECHNOLOGY LABORATORIES

January 20, 2012

ELAP No.: 1838
NELAP No.: 02107CA
CSDLAC No.: 10196
ORELAP No.: CA300003

Luann Beadle
Geocon Consultants, Inc.
6671 Brisa Street
Livermore, CA 94550
Tel: (925) 371-5900
Fax:(925) 371-5915

Re: ATL Work Order Number : 1100842
Client Reference : TO-16, E8560-06-16

Enclosed are the results for sample(s) received on December 31, 2011 by Advanced Technology Laboratories. The sample(s) are tested for the parameters as indicated on the enclosed chain of custody in accordance with applicable laboratory certifications. The laboratory results contained in this report specifically pertains to the sample(s) submitted.

Thank you for the opportunity to serve the needs of your company. If you have any questions, please feel free to contact me or your Project Manager.

Sincerely,

Eddie Rodriguez
Laboratory Director

The cover letter and the case narrative are an integral part of this analytical report and its absence renders the report invalid. The report cannot be reproduced without written permission from the client and Advanced Technology Laboratories.

Geocon Consultants, Inc.	Project Number : TO-16, E8560-06-16
6671 Brisa Street	Report To : Luann Beadle
Livermore , CA 94550	Reported : 01/20/2012

SUMMARY OF SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
G189-.5	1100842-11	Soil	12/30/11 9:30	12/31/11 9:15
G185-0	1100842-29	Soil	12/30/11 9:25	12/31/11 9:15
G194-0	1100842-37	Soil	12/30/11 10:05	12/31/11 9:15
G129-0	1100842-84	Soil	12/30/11 12:14	12/31/11 9:15
G129-0.5	1100842-85	Soil	12/30/11 12:14	12/31/11 9:15
G130-0	1100842-86	Soil	12/30/11 12:21	12/31/11 9:15

Geocon Consultants, Inc.	Project Number : TO-16, E8560-06-16
6671 Brisa Street	Report To : Luann Beadle
Livermore , CA 94550	Reported : 01/20/2012

STLC Lead by AA (Direct Aspiration) by EPA 7420

Analyte: Lead **Analyst: VV**

Laboratory ID	Client Sample ID	Result	Units	PQL	MDL	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1100842-11	G189-.5	**130**	mg/L	10	NA	20	B2A0459	01/18/2012	01/20/12 12:23	
1100842-29	G185-0	**31**	mg/L	2.5	NA	5	B2A0459	01/18/2012	01/20/12 12:24	
1100842-37	G194-0	**49**	mg/L	5.0	NA	10	B2A0459	01/18/2012	01/20/12 12:25	
1100842-84	G129-0	**20**	mg/L	2.5	NA	5	B2A0459	01/18/2012	01/20/12 12:27	
1100842-85	G129-0.5	**26**	mg/L	2.5	NA	5	B2A0459	01/18/2012	01/20/12 12:29	
1100842-86	G130-0	**17**	mg/L	1.0	NA	2	B2A0459	01/18/2012	01/20/12 12:29	

Geocon Consultants, Inc.	Project Number : TO-16, E8560-06-16
6671 Brisa Street	Report To : Luann Beadle
Livermore , CA 94550	Reported : 01/20/2012

QUALITY CONTROL SECTION

STLC Lead by AA (Direct Aspiration) by EPA 7420 - Quality Control

Analyte	Result (mg/L)	PQL (mg/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0459 - STLC Extraction									
Blank (B2A0459-BLK1)					Prepared: 1/18/2012 Analyzed: 1/20/2012				
Lead	ND	0.50			NR				
Blank (B2A0459-BLK2)					Prepared: 1/18/2012 Analyzed: 1/20/2012				
Lead	ND	0.50			NR				
LCS (B2A0459-BS1)					Prepared: 1/18/2012 Analyzed: 1/20/2012				
Lead	4.9	0.05	5.00		98.8	80 - 120			
Duplicate (B2A0459-DUP1)		**Source: 1100837-CN**			Prepared: 1/18/2012 Analyzed: 1/20/2012				
Lead	2.9	0.50		2.9	NR		0.613	20	
Duplicate (B2A0459-DUP2)		**Source: 1200023-28**			Prepared: 1/18/2012 Analyzed: 1/20/2012				
Lead	26	2.5		25	NR		4.72	20	
Matrix Spike (B2A0459-MS1)		**Source: 1100837-CN**			Prepared: 1/18/2012 Analyzed: 1/20/2012				
Lead	8.0	0.05	5.00	2.9	102	80 - 120			
Matrix Spike (B2A0459-MS2)		**Source: 1200023-28**			Prepared: 1/18/2012 Analyzed: 1/20/2012				
Lead	31	0.25	5.00	25	124	80 - 120			M1
Matrix Spike Dup (B2A0459-MSD1)		**Source: 1100837-CN**			Prepared: 1/18/2012 Analyzed: 1/20/2012				
Lead	8.1	0.05	5.00	2.9	104	80 - 120	0.964	20	
Batch S2A0113 - B2A0239									
Instrument Blank (S2A0113-IBL1)					Prepared: 1/11/2012 Analyzed: 1/11/2012				
Lead	ND	0.50			NR				
Batch S2A0236 - B2A0475									
Instrument Blank (S2A0236-IBL1)					Prepared: 1/20/2012 Analyzed: 1/20/2012				
Lead	ND	0.50			NR				

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/20/2012

Notes and Definitions

M1	Matrix spike recovery outside of acceptance limit. The analytical batch was validated by the laboratory control sample.
ND	Analyte not detected at or above reporting limit
PQL	Practical Quantitation Limit
MDL	Method Detection Limit
NR	Not Reported
RPD	Relative Percent Difference

Diane Galvan

From: Luann Beadle [beadle@geoconinc.com]
Sent: Tuesday, January 17, 2012 3:52 PM
To: Diane Galvan
Subject: TO-16 Lab Results 1100842 - Run Soluble Metals

Hi Diane,
Please run the following analyses per Caltrans on an expedited TAT.
Thank you,
Luann

Please run WETs for the samples below.

Sample Name	Lab Sample ID	Analyte
G194-0	1100842-37	Lead
G189-.5	1100842-11	Lead
G130-0	1100842-86	Lead
G129-0	1100842-84	Lead
G129-0.5	1100842-85	Lead
G185-0	1100842-29	Lead

ADVANCED TECHNOLOGY LABORATORIES

January 06, 2012

ELAP No.: 1838
NELAP No.: 02107CA
CSDLAC No.: 10196
ORELAP No.: CA300003

Luann Beadle
Geocon Consultants, Inc.
6671 Brisa Street
Livermore, CA 94550
Tel: (925) 371-5900
Fax:(925) 371-5915

Re: ATL Work Order Number : 1200011

Client Reference : TO-16, E8560-06-16

Enclosed are the results for sample(s) received on January 04, 2012 by Advanced Technology Laboratories. The sample(s) are tested for the parameters as indicated on the enclosed chain of custody in accordance with applicable laboratory certifications. The laboratory results contained in this report specifically pertains to the sample(s) submitted.

Thank you for the opportunity to serve the needs of your company. If you have any questions, please feel free to contact me or your Project Manager.

Sincerely,

Eddie Rodriguez
Laboratory Director

The cover letter and the case narrative are an integral part of this analytical report and its absence renders the report invalid. The report cannot be reproduced without written permission from the client and Advanced Technology Laboratories.

Geocon Consultants, Inc.	Project Number : TO-16, E8560-06-16
6671 Brisa Street	Report To : Luann Beadle
Livermore , CA 94550	Reported : 01/06/2012

SUMMARY OF SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
G7-0	1200011-01	Soil	1/03/12 8:59	1/04/12 9:55
G7-.5	1200011-02	Soil	1/03/12 8:59	1/04/12 9:55
G7-1.5	1200011-03	Soil	1/03/12 8:59	1/04/12 9:55
G7-2.5	1200011-04	Soil	1/03/12 8:59	1/04/12 9:55
G7-3.5	1200011-05	Soil	1/03/12 8:59	1/04/12 9:55
G173-0	1200011-06	Soil	1/03/12 9:49	1/04/12 9:55
G173-.5	1200011-07	Soil	1/03/12 9:49	1/04/12 9:55
G173-1.5	1200011-08	Soil	1/03/12 9:49	1/04/12 9:55
G173-2.5	1200011-09	Soil	1/03/12 9:49	1/04/12 9:55
G173-3.5	1200011-10	Soil	1/03/12 9:49	1/04/12 9:55
G180-0	1200011-11	Soil	1/03/12 10:24	1/04/12 9:55
G180-0.5	1200011-12	Soil	1/03/12 10:24	1/04/12 9:55
G180-1.5	1200011-13	Soil	1/03/12 10:24	1/04/12 9:55
G180-2.5	1200011-14	Soil	1/03/12 10:24	1/04/12 9:55
G202-0	1200011-15	Soil	1/03/12 10:51	1/04/12 9:55
G202-.5	1200011-16	Soil	1/03/12 10:51	1/04/12 9:55
G202-1.5	1200011-17	Soil	1/03/12 10:51	1/04/12 9:55
G202-2.5	1200011-18	Soil	1/03/12 10:51	1/04/12 9:55
G202-3.5	1200011-19	Soil	1/03/12 10:51	1/04/12 9:55
G202-4.5	1200011-20	Soil	1/03/12 10:51	1/04/12 9:55
G202-5.5	1200011-21	Soil	1/03/12 10:51	1/04/12 9:55
G202-6.5	1200011-22	Soil	1/03/12 10:51	1/04/12 9:55
G210-0	1200011-23	Soil	1/03/12 11:37	1/04/12 9:55
G210-0.5	1200011-24	Soil	1/03/12 11:37	1/04/12 9:55
G210-1.5	1200011-25	Soil	1/03/12 11:37	1/04/12 9:55
G210-2.5	1200011-26	Soil	1/03/12 11:37	1/04/12 9:55
G230-0	1200011-27	Soil	1/03/12 12:10	1/04/12 9:55
G230-0.5	1200011-28	Soil	1/03/12 12:10	1/04/12 9:55
G230-1.5	1200011-29	Soil	1/03/12 12:10	1/04/12 9:55
G230-2.5	1200011-30	Soil	1/03/12 12:10	1/04/12 9:55
G341-0	1200011-31	Soil	1/03/12 13:01	1/04/12 9:55
G341-0.5	1200011-32	Soil	1/03/12 13:01	1/04/12 9:55
G341-1.5	1200011-33	Soil	1/03/12 13:01	1/04/12 9:55
G341-2.5	1200011-34	Soil	1/03/12 13:01	1/04/12 9:55
G341-3.5	1200011-35	Soil	1/03/12 13:01	1/04/12 9:55

Geocon Consultants, Inc.	Project Number :	TO-16, E8560-06-16	
6671 Brisa Street	Report To :	Luann Beadle	
Livermore , CA 94550	Reported :	01/06/2012	

G341-4	1200011-36	Soil	1/03/12 13:01	1/04/12 9:55
G509-0	1200011-37	Soil	1/03/12 13:47	1/04/12 9:55
G509-0.5	1200011-38	Soil	1/03/12 13:47	1/04/12 9:55
G509-1.5	1200011-39	Soil	1/03/12 13:47	1/04/12 9:55
G509-2.5	1200011-40	Soil	1/03/12 13:47	1/04/12 9:55
G509-3.5	1200011-41	Soil	1/03/12 13:47	1/04/12 9:55
G509-4.5	1200011-42	Soil	1/03/12 13:47	1/04/12 9:55
G509-5.5	1200011-43	Soil	1/03/12 13:47	1/04/12 9:55
G509-6.5	1200011-44	Soil	1/03/12 13:47	1/04/12 9:55
G410-0	1200011-45	Soil	1/03/12 14:41	1/04/12 9:55
G410-0.5	1200011-46	Soil	1/03/12 14:41	1/04/12 9:55
G410-1.5	1200011-47	Soil	1/03/12 14:41	1/04/12 9:55
G410-2.5	1200011-48	Soil	1/03/12 14:41	1/04/12 9:55
G142-0	1200011-49	Soil	1/03/12 15:41	1/04/12 9:55
G142-0.5	1200011-50	Soil	1/03/12 15:41	1/04/12 9:55

Geocon Consultants, Inc.	Project Number : TO-16, E8560-06-16
6671 Brisa Street	Report To : Luann Beadle
Livermore , CA 94550	Reported : 01/06/2012

Lead by ICP-AES EPA 6010B

Analyte: Lead **Analyst: KK**

Laboratory ID	Client Sample ID	Result	Units	PQL	MDL	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1200011-01	G7-0	**140**	mg/kg	1.0	NA	1	B2A0100	01/04/2012	01/05/12 13:39	
1200011-02	G7-.5	**250**	mg/kg	1.0	NA	1	B2A0100	01/04/2012	01/05/12 13:40	
1200011-03	G7-1.5	**110**	mg/kg	1.0	NA	1	B2A0100	01/04/2012	01/05/12 13:41	
1200011-04	G7-2.5	**160**	mg/kg	1.0	NA	1	B2A0100	01/04/2012	01/05/12 13:41	
1200011-05	G7-3.5	**160**	mg/kg	1.0	NA	1	B2A0100	01/04/2012	01/05/12 13:42	
1200011-06	G173-0	**16**	mg/kg	1.0	NA	1	B2A0100	01/04/2012	01/05/12 13:43	
1200011-07	G173-.5	**11**	mg/kg	1.0	NA	1	B2A0100	01/04/2012	01/05/12 13:43	
1200011-08	G173-1.5	**11**	mg/kg	1.0	NA	1	B2A0101	01/04/2012	01/05/12 13:52	
1200011-09	G173-2.5	**5.1**	mg/kg	1.0	NA	1	B2A0101	01/04/2012	01/05/12 13:53	
1200011-10	G173-3.5	**6.0**	mg/kg	1.0	NA	1	B2A0101	01/04/2012	01/05/12 13:56	
1200011-11	G180-0	**8.6**	mg/kg	1.0	NA	1	B2A0101	01/04/2012	01/05/12 13:56	
1200011-12	G180-0.5	**5.0**	mg/kg	1.0	NA	1	B2A0101	01/04/2012	01/05/12 13:57	
1200011-13	G180-1.5	**5.4**	mg/kg	1.0	NA	1	B2A0101	01/04/2012	01/05/12 13:58	
1200011-14	G180-2.5	**5.7**	mg/kg	1.0	NA	1	B2A0101	01/04/2012	01/05/12 13:58	
1200011-15	G202-0	**18**	mg/kg	1.0	NA	1	B2A0101	01/04/2012	01/05/12 13:59	
1200011-16	G202-.5	**14**	mg/kg	1.0	NA	1	B2A0101	01/04/2012	01/05/12 14:00	
1200011-17	G202-1.5	**16**	mg/kg	1.0	NA	1	B2A0101	01/04/2012	01/05/12 14:00	
1200011-18	G202-2.5	**23**	mg/kg	1.0	NA	1	B2A0101	01/04/2012	01/05/12 14:01	
1200011-19	G202-3.5	**9.6**	mg/kg	1.0	NA	1	B2A0101	01/04/2012	01/05/12 14:02	
1200011-20	G202-4.5	**10**	mg/kg	1.0	NA	1	B2A0101	01/04/2012	01/05/12 14:04	
1200011-21	G202-5.5	**8.7**	mg/kg	1.0	NA	1	B2A0101	01/04/2012	01/05/12 14:05	
1200011-22	G202-6.5	**5.0**	mg/kg	1.0	NA	1	B2A0101	01/04/2012	01/05/12 14:05	
1200011-23	G210-0	**7.8**	mg/kg	1.0	NA	1	B2A0101	01/04/2012	01/05/12 14:06	
1200011-24	G210-0.5	**30**	mg/kg	1.0	NA	1	B2A0101	01/04/2012	01/05/12 14:07	
1200011-25	G210-1.5	**19**	mg/kg	1.0	NA	1	B2A0101	01/04/2012	01/05/12 14:07	
1200011-26	G210-2.5	**16**	mg/kg	1.0	NA	1	B2A0101	01/04/2012	01/05/12 14:08	
1200011-27	G230-0	**50**	mg/kg	1.0	NA	1	B2A0101	01/04/2012	01/05/12 14:09	
1200011-28	G230-0.5	**17**	mg/kg	1.0	NA	1	B2A0103	01/04/2012	01/05/12 14:18	
1200011-29	G230-1.5	**6.3**	mg/kg	1.0	NA	1	B2A0103	01/04/2012	01/05/12 14:18	
1200011-30	G230-2.5	**7.5**	mg/kg	1.0	NA	1	B2A0103	01/04/2012	01/05/12 14:19	

Geocon Consultants, Inc.	Project Number : TO-16, E8560-06-16
6671 Brisa Street	Report To : Luann Beadle
Livermore , CA 94550	Reported : 01/06/2012

1200011-31	G341-0	**25**	mg/kg	1.0	NA	1	B2A0103	01/04/2012	01/05/12 14:20
1200011-32	G341-0.5	**4.6**	mg/kg	1.0	NA	1	B2A0103	01/04/2012	01/05/12 14:22
1200011-33	G341-1.5	**5.3**	mg/kg	1.0	NA	1	B2A0103	01/04/2012	01/05/12 14:23
1200011-34	G341-2.5	**6.2**	mg/kg	1.0	NA	1	B2A0103	01/04/2012	01/05/12 14:24
1200011-35	G341-3.5	**4.6**	mg/kg	1.0	NA	1	B2A0103	01/04/2012	01/05/12 14:24
1200011-36	G341-4	**3.2**	mg/kg	1.0	NA	1	B2A0103	01/04/2012	01/05/12 14:25
1200011-37	G509-0	**79**	mg/kg	1.0	NA	1	B2A0103	01/04/2012	01/05/12 14:26
1200011-38	G509-0.5	**12**	mg/kg	1.0	NA	1	B2A0103	01/04/2012	01/05/12 14:26
1200011-39	G509-1.5	**6.3**	mg/kg	1.0	NA	1	B2A0103	01/04/2012	01/05/12 14:27
1200011-40	G509-2.5	**5.5**	mg/kg	1.0	NA	1	B2A0103	01/04/2012	01/05/12 14:28
1200011-41	G509-3.5	**5.8**	mg/kg	1.0	NA	1	B2A0103	01/04/2012	01/05/12 14:28
1200011-42	G509-4.5	**6.6**	mg/kg	1.0	NA	1	B2A0103	01/04/2012	01/05/12 14:31
1200011-43	G509-5.5	**8.3**	mg/kg	1.0	NA	1	B2A0103	01/04/2012	01/05/12 14:31
1200011-44	G509-6.5	**5.1**	mg/kg	1.0	NA	1	B2A0103	01/04/2012	01/05/12 14:32
1200011-45	G410-0	**6.5**	mg/kg	1.0	NA	1	B2A0103	01/04/2012	01/05/12 14:33
1200011-46	G410-0.5	**7.2**	mg/kg	1.0	NA	1	B2A0103	01/04/2012	01/05/12 14:33
1200011-47	G410-1.5	**6.8**	mg/kg	1.0	NA	1	B2A0103	01/04/2012	01/05/12 14:34
1200011-48	G410-2.5	**6.9**	mg/kg	1.0	NA	1	B2A0104	01/04/2012	01/05/12 14:43
1200011-49	G142-0	**47**	mg/kg	1.0	NA	1	B2A0104	01/04/2012	01/05/12 14:44
1200011-50	G142-0.5	**4.4**	mg/kg	1.0	NA	1	B2A0104	01/04/2012	01/05/12 14:44

pH by EPA 9045C

Analyte: pH **Analyst: LA**

Laboratory ID	Client Sample ID	Result	Units	PQL	MDL	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1200011-10	G173-3.5	**7.5**	pH Units	0.10	NA	1	B2A0185	01/06/2012	01/06/12 09:52	
1200011-20	G202-4.5	**7.4**	pH Units	0.10	NA	1	B2A0185	01/06/2012	01/06/12 09:52	
1200011-30	G230-2.5	**7.5**	pH Units	0.10	NA	1	B2A0185	01/06/2012	01/06/12 09:52	
1200011-40	G509-2.5	**7.0**	pH Units	0.10	NA	1	B2A0185	01/06/2012	01/06/12 09:52	
1200011-50	G142-0.5	**7.1**	pH Units	0.10	NA	1	B2A0185	01/06/2012	01/06/12 09:52	

Geocon Consultants, Inc.	Project Number : TO-16, E8560-06-16
6671 Brisa Street	Report To : Luann Beadle
Livermore , CA 94550	Reported : 01/06/2012

QUALITY CONTROL SECTION

Lead by ICP-AES EPA 6010B - Quality Control

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0100 - EPA 3050 Modified									
Blank (B2A0100-BLK1)					Prepared: 1/4/2012 Analyzed: 1/5/2012				
Lead	ND	1.0			NR				
Blank (B2A0100-BLK2)					Prepared: 1/4/2012 Analyzed: 1/5/2012				
Lead	ND	1.0			NR				
LCS (B2A0100-BS1)					Prepared: 1/4/2012 Analyzed: 1/5/2012				
Lead	280	1.0	250		112	80 - 120			
Duplicate (B2A0100-DUP1)		**Source: 1200011-07**			Prepared: 1/4/2012 Analyzed: 1/5/2012				
Lead	13	1.0		11	NR		10.7	20	
Duplicate (B2A0100-DUP2)		**Source: 1100842-90**			Prepared: 1/4/2012 Analyzed: 1/5/2012				
Lead	200	1.0		170	NR		17.3	20	
Matrix Spike (B2A0100-MS1)		**Source: 1200011-07**			Prepared: 1/4/2012 Analyzed: 1/5/2012				
Lead	220	1.0	250	11	82.2	46 - 116			
Matrix Spike (B2A0100-MS2)		**Source: 1100842-90**			Prepared: 1/4/2012 Analyzed: 1/5/2012				
Lead	370	1.0	250	170	78.7	46 - 116			
Matrix Spike Dup (B2A0100-MSD1)		**Source: 1200011-07**			Prepared: 1/4/2012 Analyzed: 1/5/2012				
Lead	230	1.0	250	11	88.4	46 - 116	6.96	20	
Batch B2A0101 - EPA 3050 Modified									
Blank (B2A0101-BLK1)					Prepared: 1/4/2012 Analyzed: 1/5/2012				
Lead	ND	1.0			NR				
Blank (B2A0101-BLK2)					Prepared: 1/4/2012 Analyzed: 1/5/2012				
Lead	ND	1.0			NR				
LCS (B2A0101-BS1)					Prepared: 1/4/2012 Analyzed: 1/5/2012				
Lead	270	1.0	250		108	80 - 120			
Duplicate (B2A0101-DUP1)		**Source: 1200011-27**			Prepared: 1/4/2012 Analyzed: 1/5/2012				
Lead	52	1.0		50	NR		3.04	20	
Duplicate (B2A0101-DUP2)		**Source: 1200011-17**			Prepared: 1/4/2012 Analyzed: 1/5/2012				
Lead	25	1.0		16	NR		41.0	20	R
Matrix Spike (B2A0101-MS1)		**Source: 1200011-27**			Prepared: 1/4/2012 Analyzed: 1/5/2012				
Lead	270	1.0	250	50	88.9	46 - 116			
Matrix Spike (B2A0101-MS2)		**Source: 1200011-17**			Prepared: 1/4/2012 Analyzed: 1/5/2012				

Geocon Consultants, Inc.	Project Number : TO-16, E8560-06-16
6671 Brisa Street	Report To : Luann Beadle
Livermore , CA 94550	Reported : 01/06/2012

Lead by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0101 - EPA 3050 Modified (continued)									
Matrix Spike (B2A0101-MS2) - Continued		**Source: 1200011-17**			Prepared: 1/4/2012 Analyzed: 1/5/2012				
Lead	240	1.0	250	16	88.3	46 - 116			
Matrix Spike Dup (B2A0101-MSD1)		**Source: 1200011-27**			Prepared: 1/4/2012 Analyzed: 1/5/2012				
Lead	240	1.0	250	50	77.3	46 - 116	11.3	20	
Batch B2A0103 - EPA 3050 Modified									
Blank (B2A0103-BLK1)					Prepared: 1/4/2012 Analyzed: 1/5/2012				
Lead	ND	1.0			NR				
Blank (B2A0103-BLK2)					Prepared: 1/4/2012 Analyzed: 1/5/2012				
Lead	ND	1.0			NR				
LCS (B2A0103-BS1)					Prepared: 1/4/2012 Analyzed: 1/5/2012				
Lead	270	1.0	250		108	80 - 120			
Duplicate (B2A0103-DUP1)		**Source: 1200011-47**			Prepared: 1/4/2012 Analyzed: 1/5/2012				
Lead	9.5	1.0		6.8	NR		33.5	20	R
Duplicate (B2A0103-DUP2)		**Source: 1200011-37**			Prepared: 1/4/2012 Analyzed: 1/5/2012				
Lead	75	1.0		79	NR		5.14	20	
Matrix Spike (B2A0103-MS1)		**Source: 1200011-47**			Prepared: 1/4/2012 Analyzed: 1/5/2012				
Lead	220	1.0	250	6.8	83.7	46 - 116			
Matrix Spike (B2A0103-MS2)		**Source: 1200011-37**			Prepared: 1/4/2012 Analyzed: 1/5/2012				
Lead	290	1.0	250	79	85.2	46 - 116			
Matrix Spike Dup (B2A0103-MSD1)		**Source: 1200011-47**			Prepared: 1/4/2012 Analyzed: 1/5/2012				
Lead	220	1.0	250	6.8	85.3	46 - 116	1.83	20	
Batch B2A0104 - EPA 3050 Modified									
Blank (B2A0104-BLK1)					Prepared: 1/4/2012 Analyzed: 1/5/2012				
Lead	ND	1.0			NR				
Blank (B2A0104-BLK2)					Prepared: 1/4/2012 Analyzed: 1/5/2012				
Lead	ND	1.0			NR				
LCS (B2A0104-BS1)					Prepared: 1/4/2012 Analyzed: 1/5/2012				
Lead	250	1.0	250		102	80 - 120			
Duplicate (B2A0104-DUP1)		**Source: 1200012-AM**			Prepared: 1/4/2012 Analyzed: 1/5/2012				
Lead	9.1	1.0		7.4	NR		21.4	20	R
Duplicate (B2A0104-DUP2)		**Source: 1200012-AL**			Prepared: 1/4/2012 Analyzed: 1/5/2012				

Geocon Consultants, Inc.	Project Number : TO-16, E8560-06-16
6671 Brisa Street	Report To : Luann Beadle
Livermore , CA 94550	Reported : 01/06/2012

Lead by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0104 - EPA 3050 Modified (continued)									
Duplicate (B2A0104-DUP2) - Continued		**Source: 1200012-AL**			Prepared: 1/4/2012 Analyzed: 1/5/2012				
Lead	16	1.0		7.0	NR		78.7	20	R
Matrix Spike (B2A0104-MS1)		**Source: 1200012-AM**			Prepared: 1/4/2012 Analyzed: 1/5/2012				
Lead	200	1.0	250	7.4	77.1	46 - 116			
Matrix Spike (B2A0104-MS2)		**Source: 1200012-AL**			Prepared: 1/4/2012 Analyzed: 1/5/2012				
Lead	210	1.0	250	7.0	80.3	46 - 116			
Matrix Spike Dup (B2A0104-MSD1)		**Source: 1200012-AM**			Prepared: 1/4/2012 Analyzed: 1/5/2012				
Lead	200	1.0	250	7.4	78.9	46 - 116	2.23	20	
Batch S2A0050 - B2A0096									
Instrument Blank (S2A0050-IBL1)					Prepared: 1/5/2012 Analyzed: 1/5/2012				
Lead	ND	1.0			NR				

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/06/2012

pH by EPA 9045C - Quality Control

Analyte	Result (pH Units)	PQL (pH Units)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0185 - Prep_WC_1_S									
Duplicate (B2A0185-DUP1)		**Source: 1200034-01**			Prepared: 1/6/2012 Analyzed: 1/6/2012				
pH	8.5	0.10		8.6	NR		1	20	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/06/2012

Notes and Definitions

R	RPD value outside acceptance criteria. Calculation is based on raw values.
ND	Analyte not detected at or above reporting limit
PQL	Practical Quantitation Limit
MDL	Method Detection Limit
NR	Not Reported
RPD	Relative Percent Difference

CHAIN OF CUSTODY RECORD

Advanced Technology Laboratories
3275 Walnut Avenue
Signal Hill, CA 90755
(562) 989-4045 • Fax (562) 989-4040

FOR LABORATORY USE ONLY:

P.O.#:

Logged By: Date: 1/2/12

Method of Transport: Client ☐ ATL ☐ CA OverN ☐ FEDEX ☐ Other: GSO

Sample Condition Upon Receipt (10.0)
1. CHILLED Y☑ N☐ 4. SEALED Y☐ N☐
2. HEADSPACE (VOA) Y☐ N☐ 5. # OF SPLS MATCH COC Y☐ N☐
3. CONTAINER INTACT Y☐ N☐ 6. PRESERVED Y☐ N☐

Client: GEOCON CONSULTANTS, INC.
Attn: L. BEADLE
Address: 6671 Brisa Street
City: Livermore State: CA Zip Code: 94550
TEL: (925) 371-5900
FAX: (925) 371-5915

Project Name: TO-16 Project #: E8560-06-16 Sampler: (Printed Name) D. WATTS (Signature)

Relinquished by: (Signature and Printed Name) Date: 3 JAN 2012 Time: 1700 Received by: (Signature and Printed Name) GSO Date: 3 JAN 2012 Time: 1700
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Mary Date: 1/4/12 Time: 9:55
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:

I hereby authorize ATL to perform the work indicated below:
Project Mgr (Submitter)
D. WATTS 3 JAN 2012
Print Name Date
Signature

Send Report To:
Attn:
Co: SAME AS ABOVE
Address
City State Zip

Bill To:
Attn:
Co: SAME AS ABOVE
Address
City State Zip

Special Instructions/Comments:
10% OF CAM 17/Pb SAMPLES ANALYZED FOR pH (RANDOM-LAB)
DO NOT Composite Sample SETS

Sample/Records - Archival & Disposal
Unless otherwise requested by client, all samples will be disposed 45 days after receipt and records will be disposed 1 year after submittal of final report.
Storage Fees (applies when storage is requested):
- Sample : $2.00 / sample / mo (after 45 days)
- Records : $1.00 / ATL workorder / mo (after 1 year)

Circle or Add Analysis(es) Requested: 8081A (Pesticides), 8082 (PCB), 8260B (Volatiles), 8270C (BNA), 6010B (Total Metal) Pb, 8015B (GRO) / BTEX, 8015B (DRO), 8021 (BTEX), TITLE 22 / CAM 17 (6010 / 7000)

SPECIFY APPROPRIATE MATRIX: SOIL, WATER, GROUND WATER, WASTEWATER

QA/QC: RTNE ☐ CT ☒ SWRCB ☐ Logcode ____ OTHER ____

ITEM	LAB USE ONLY: Batch #: / Lab No.	Sample Description: Sample I.D. / Location	Date	Time	8270C (BNA)	6010B (Total Metal) Pb	SOIL	TAT	Container(s) #	Container(s) Type	PRESERVATION	REMARKS
	1200011-01/05	G7-0, .5, 1.5, 2.5, 3.5	1-3-12	0859	X		X	48 hr	5	Bg P		4' REF
	-06/10	G173-0, .5, 1.5, 2.5, 3.5	1-3-12	0949	X		X	48 hr	5	Bg P		4' REF
	-11/14	G180-0 0.5 1.5 2.5	1-3-12	1024	X		X		4	Bg P		3' REF
	-15/22	G202-0, .5, 1.5, 2.5, 3.5, 4.5, 5.5, 6.5		1051					8	Bg		
	-23/26	G210-0, 0.5, 1.5, 2.5		1137					4			3' REF
	-27/30	G230-0, 0.5, 1.5, 2.5		1210					4			3' REF
	-31/36	G341-0, 0.5, 1.5, 2.5, 3.5, 4		1301					6			4.5' REF
	-37/44	G509-0, 0.5, 1.5, 2.5, 3.5, 4.5, 5.5, 6.5		1347					8			
	-45/48	G410-0, 0.5, 1.5, 2.5		1441					4			3' REF
	-49/50	G142-0, 0.5		1541					2			1' REF

• TAT starts 8 a.m. following day if samples received after 3 p.m.

TAT: A= Overnight ≤ 24 hr B= Emergency Next workday C= Critical 2 Workdays D= Urgent 3 Workdays E= Routine 7 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=Hcl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

DISTRIBUTION: White with report Yellow to folder Pink to submitter

ADVANCED TECHNOLOGY LABORATORIES

January 12, 2012

ELAP No.: 1838
NELAP No.: 02107CA
CSDLAC No.: 10196
ORELAP No.: CA300003

Luann Beadle
Geocon Consultants, Inc.
6671 Brisa Street
Livermore, CA 94550
Tel: (925) 371-5900
Fax:(925) 371-5915

Re: ATL Work Order Number : 1200011

Client Reference : TO-16, E8560-06-16

Enclosed are the results for sample(s) received on January 04, 2012 by Advanced Technology Laboratories. The sample(s) are tested for the parameters as indicated on the enclosed chain of custody in accordance with applicable laboratory certifications. The laboratory results contained in this report specifically pertains to the sample(s) submitted.

Thank you for the opportunity to serve the needs of your company. If you have any questions, please feel free to contact me or your Project Manager.

Sincerely,

Eddie Rodriguez
Laboratory Director

The cover letter and the case narrative are an integral part of this analytical report and its absence renders the report invalid. The report cannot be reproduced without written permission from the client and Advanced Technology Laboratories.

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/12/2012

SUMMARY OF SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
G7-0	1200011-01	Soil	1/03/12 8:59	1/04/12 9:55
G7-.5	1200011-02	Soil	1/03/12 8:59	1/04/12 9:55
G7-1.5	1200011-03	Soil	1/03/12 8:59	1/04/12 9:55
G7-2.5	1200011-04	Soil	1/03/12 8:59	1/04/12 9:55
G7-3.5	1200011-05	Soil	1/03/12 8:59	1/04/12 9:55
G230-0	1200011-27	Soil	1/03/12 12:10	1/04/12 9:55
G509-0	1200011-37	Soil	1/03/12 13:47	1/04/12 9:55

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/12/2012

STLC Lead by AA (Direct Aspiration) by EPA 7420

Analyte: Lead **Analyst: VV**

Laboratory ID	Client Sample ID	Result	Units	PQL	MDL	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1200011-01	G7-0	**10**	mg/L	1.0	NA	2	B2A0249	01/09/2012	01/11/12 16:59	
1200011-02	G7-.5	**14**	mg/L	1.0	NA	2	B2A0249	01/09/2012	01/11/12 17:00	
1200011-03	G7-1.5	**8.7**	mg/L	0.50	NA	1	B2A0249	01/09/2012	01/11/12 17:00	
1200011-04	G7-2.5	**15**	mg/L	1.0	NA	2	B2A0249	01/09/2012	01/11/12 17:02	
1200011-05	G7-3.5	**9.0**	mg/L	0.50	NA	1	B2A0249	01/09/2012	01/11/12 17:02	
1200011-27	G230-0	**2.3**	mg/L	0.50	NA	1	B2A0249	01/09/2012	01/11/12 17:03	
1200011-37	G509-0	**5.0**	mg/L	0.50	NA	1	B2A0249	01/09/2012	01/11/12 17:03	

Geocon Consultants, Inc.	Project Number : TO-16, E8560-06-16
6671 Brisa Street	Report To : Luann Beadle
Livermore , CA 94550	Reported : 01/12/2012

QUALITY CONTROL SECTION

STLC Lead by AA (Direct Aspiration) by EPA 7420 - Quality Control

Analyte	Result (mg/L)	PQL (mg/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0249 - STLC Extraction									
Blank (B2A0249-BLK1)					Prepared: 1/9/2012 Analyzed: 1/11/2012				
Lead	ND	0.50			NR				
Blank (B2A0249-BLK2)					Prepared: 1/9/2012 Analyzed: 1/11/2012				
Lead	ND	0.50			NR				
LCS (B2A0249-BS1)					Prepared: 1/9/2012 Analyzed: 1/11/2012				
Lead	4.9	0.05	5.00		97.5	80 - 120			
Duplicate (B2A0249-DUP1)		**Source: 1200012-16**			Prepared: 1/9/2012 Analyzed: 1/11/2012				
Lead	6.5	0.50		6.5	NR		0.250	20	
Duplicate (B2A0249-DUP2)		**Source: 1200012-AC**			Prepared: 1/9/2012 Analyzed: 1/11/2012				
Lead	2.2	0.50		2.2	NR		0.267	20	
Matrix Spike (B2A0249-MS1)		**Source: 1200012-16**			Prepared: 1/9/2012 Analyzed: 1/11/2012				
Lead	12	0.10	5.00	6.5	103	80 - 120			
Matrix Spike (B2A0249-MS2)		**Source: 1200012-AC**			Prepared: 1/9/2012 Analyzed: 1/11/2012				
Lead	7.0	0.05	5.00	2.2	96.1	80 - 120			
Matrix Spike Dup (B2A0249-MSD1)		**Source: 1200012-16**			Prepared: 1/9/2012 Analyzed: 1/11/2012				
Lead	11	0.10	5.00	6.5	92.7	80 - 120	4.40	20	
Batch S2A0124 - B2A0250									
Instrument Blank (S2A0124-IBL1)					Prepared: 1/11/2012 Analyzed: 1/11/2012				
Lead	ND	0.50			NR				

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/12/2012

Notes and Definitions

ND	Analyte not detected at or above reporting limit
PQL	Practical Quantitation Limit
MDL	Method Detection Limit
NR	Not Reported
RPD	Relative Percent Difference

Diane Galvan

From: Luann Beadle [beadle@geoconinc.com]
Sent: Monday, January 09, 2012 11:16 AM
To: Diane Galvan
Subject: FW: TO-16 Lab Results 1200011 - Run Soluble Metals

Hi Diane,
A forwarded list from Caltrans. I'm sure they want an expedited TAT too, please.
Thank you,
Luann

-----Original Message-----
From: Rowena Hollis [mailto:rowena_hollis@dot.ca.gov]
Sent: Monday, January 09, 2012 11:03 AM
To: beadle@geoconinc.com
Cc: Chris Wilson; day@geoconinc.com; watts@geoconinc.com
Subject: TO-16 Lab Results 1200011 - Run Soluble Metals

Hi Luann,

Please run soluble metals for the following:

File 1200011.xls
WET:

Sample Name	Lab Sample ID	Analyte
G230-0	1200011-27	Lead
G509-0	1200011-37	Lead
G7-1.5	1200011-03	Lead
G7-0	1200011-01	Lead
G7-2.5	1200011-04	Lead
G7-3.5	1200011-05	Lead
G7-.5	1200011-02	Lead

Thank you,

Rowena Hollis
Transportation Engineer

Office of Environmental Engineering
111 Grand Avenue, MS 8C
Oakland, CA 94612
(510) 286-5540

ADVANCED TECHNOLOGY LABORATORIES

January 17, 2012

ELAP No.: 1838
NELAP No.: 02107CA
CSDLAC No.: 10196
ORELAP No.: CA300003

Luann Beadle
Geocon Consultants, Inc.
6671 Brisa Street
Livermore, CA 94550
Tel: (925) 371-5900
Fax:(925) 371-5915

Re: ATL Work Order Number : 1200011
Client Reference : TO-16, E8560-06-16

Enclosed are the results for sample(s) received on January 04, 2012 by Advanced Technology Laboratories. The sample(s) are tested for the parameters as indicated on the enclosed chain of custody in accordance with applicable laboratory certifications. The laboratory results contained in this report specifically pertains to the sample(s) submitted.

Thank you for the opportunity to serve the needs of your company. If you have any questions, please feel free to contact me or your Project Manager.

Sincerely,

Eddie Rodriguez
Laboratory Director

The cover letter and the case narrative are an integral part of this analytical report and its absence renders the report invalid. The report cannot be reproduced without written permission from the client and Advanced Technology Laboratories.

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/17/2012

SUMMARY OF SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
G7-0	1200011-01	Soil	1/03/12 8:59	1/04/12 9:55
G7-.5	1200011-02	Soil	1/03/12 8:59	1/04/12 9:55
G7-1.5	1200011-03	Soil	1/03/12 8:59	1/04/12 9:55
G7-2.5	1200011-04	Soil	1/03/12 8:59	1/04/12 9:55
G7-3.5	1200011-05	Soil	1/03/12 8:59	1/04/12 9:55
G509-0	1200011-37	Soil	1/03/12 13:47	1/04/12 9:55

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/17/2012

STLC-DI Lead by AA (Direct Aspiration) EPA 7420

Analyte: Lead **Analyst: VV**

Laboratory ID	Client Sample ID	Result	Units	PQL	MDL	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1200011-01	G7-0	**ND**	mg/L	0.50	NA	1	B2A0371	01/14/2012	01/16/12 17:41	
1200011-02	G7-.5	**ND**	mg/L	0.50	NA	1	B2A0371	01/14/2012	01/16/12 17:42	
1200011-03	G7-1.5	**ND**	mg/L	0.50	NA	1	B2A0371	01/14/2012	01/16/12 17:42	
1200011-04	G7-2.5	**ND**	mg/L	0.50	NA	1	B2A0372	01/14/2012	01/16/12 17:44	
1200011-05	G7-3.5	**ND**	mg/L	0.50	NA	1	B2A0372	01/14/2012	01/16/12 17:44	
1200011-37	G509-0	**ND**	mg/L	0.50	NA	1	B2A0372	01/14/2012	01/16/12 17:44	

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QUALITY CONTROL SECTION

STLC-DI Lead by AA (Direct Aspiration) EPA 7420 - Quality Control

Analyte	Result (mg/L)	PQL (mg/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0371 - STLC DI Extraction									
Blank (B2A0371-BLK1)					Prepared: 1/14/2012 Analyzed: 1/16/2012				
Lead	ND	0.50			NR				
Blank (B2A0371-BLK2)					Prepared: 1/14/2012 Analyzed: 1/16/2012				
Lead	ND	0.50			NR				
LCS (B2A0371-BS1)					Prepared: 1/14/2012 Analyzed: 1/16/2012				
Lead	5.0	0.05	5.00		101	80 - 120			
Duplicate (B2A0371-DUP1)		**Source: 1100842-76**			Prepared: 1/14/2012 Analyzed: 1/16/2012				
Lead	0.12	0.50		ND	NR			20	
Duplicate (B2A0371-DUP2)		**Source: 1200011-03**			Prepared: 1/14/2012 Analyzed: 1/16/2012				
Lead	ND	0.50		0.10	NR			20	
Matrix Spike (B2A0371-MS1)		**Source: 1100842-76**			Prepared: 1/14/2012 Analyzed: 1/16/2012				
Lead	4.8	0.05	5.00	ND	96.9	80 - 120			
Matrix Spike (B2A0371-MS2)		**Source: 1200011-03**			Prepared: 1/14/2012 Analyzed: 1/16/2012				
Lead	5.2	0.05	5.00	0.10	101	80 - 120			
Matrix Spike Dup (B2A0371-MSD1)		**Source: 1100842-76**			Prepared: 1/14/2012 Analyzed: 1/16/2012				
Lead	5.1	0.05	5.00	ND	101	80 - 120	4.38	20	
Batch B2A0372 - STLC DI Extraction									
Blank (B2A0372-BLK1)					Prepared: 1/14/2012 Analyzed: 1/16/2012				
Lead	ND	0.50			NR				
LCS (B2A0372-BS1)					Prepared: 1/14/2012 Analyzed: 1/16/2012				
Lead	5.0	0.05	5.00		100	80 - 120			
Duplicate (B2A0372-DUP1)		**Source: 1200011-37**			Prepared: 1/14/2012 Analyzed: 1/16/2012				
Lead	0.08	0.50		ND	NR			20	
Matrix Spike (B2A0372-MS1)		**Source: 1200011-37**			Prepared: 1/14/2012 Analyzed: 1/16/2012				
Lead	5.1	0.05	5.00	ND	101	80 - 120			
Matrix Spike Dup (B2A0372-MSD1)		**Source: 1200011-37**			Prepared: 1/14/2012 Analyzed: 1/16/2012				
Lead	5.1	0.05	5.00	ND	102	80 - 120	0.282	20	
Batch S2A0168 - B2A0372									
Instrument Blank (S2A0168-IBL1)					Prepared: 1/16/2012 Analyzed: 1/16/2012				
Lead	ND	0.50			NR				

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Notes and Definitions

R	RPD value outside acceptance criteria. Calculation is based on raw values.
ND	Analyte not detected at or above reporting limit
PQL	Practical Quantitation Limit
MDL	Method Detection Limit
NR	Not Reported
RPD	Relative Percent Difference

Diane Galvan

From: Luann Beadle [beadle@geoconinc.com]
Sent: Thursday, January 12, 2012 4:02 PM
To: Diane Galvan
Subject: FW: Additional Results/EDD - TO-16 (1200011add1.xls)

Hi Diane,

Per Caltrans, please run the following on an expedited TAT.

Thank you,
Luann

Run DI-WET for the following:

Sample Name	Lab Sample ID	Analyte
G509-0	1200011-37	Lead
G7-1.5	1200011-03	Lead
G7-3.5	1200011-05	Lead
G7-0	1200011-01	Lead
G7-.5	1200011-02	Lead
G7-2.5	1200011-04	Lead

ADVANCED TECHNOLOGY LABORATORIES

January 06, 2012

ELAP No.: 1838
NELAP No.: 02107CA
CSDLAC No.: 10196
ORELAP No.: CA300003

Luann Beadle
Geocon Consultants, Inc.
6671 Brisa Street
Livermore, CA 94550
Tel: (925) 371-5900
Fax:(925) 371-5915

Re: ATL Work Order Number : 1200012
Client Reference : TO-16, E8560-06-16

Enclosed are the results for sample(s) received on January 04, 2012 by Advanced Technology Laboratories. The sample(s) are tested for the parameters as indicated on the enclosed chain of custody in accordance with applicable laboratory certifications. The laboratory results contained in this report specifically pertains to the sample(s) submitted.

Thank you for the opportunity to serve the needs of your company. If you have any questions, please feel free to contact me or your Project Manager.

Sincerely,

Eddie Rodriguez
Laboratory Director

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6671 Brisa Street	Report To : Luann Beadle
Livermore , CA 94550	Reported : 01/06/2012

SUMMARY OF SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
G25-0	1200012-01	Soil	1/03/12 8:55	1/04/12 9:55
G25-0.5	1200012-02	Soil	1/03/12 8:56	1/04/12 9:55
G25-1.5	1200012-03	Soil	1/03/12 8:57	1/04/12 9:55
G25-2.5	1200012-04	Soil	1/03/12 8:58	1/04/12 9:55
G26-0	1200012-05	Soil	1/03/12 9:00	1/04/12 9:55
G26-0.5	1200012-06	Soil	1/03/12 9:01	1/04/12 9:55
G26-1.5	1200012-07	Soil	1/03/12 9:02	1/04/12 9:55
G26-2.5	1200012-08	Soil	1/03/12 9:03	1/04/12 9:55
G34-0	1200012-09	Soil	1/03/12 9:05	1/04/12 9:55
G34-0.5	1200012-10	Soil	1/03/12 9:06	1/04/12 9:55
G34-1.5	1200012-11	Soil	1/03/12 9:07	1/04/12 9:55
G34-2.5	1200012-12	Soil	1/03/12 9:08	1/04/12 9:55
G35-0	1200012-13	Soil	1/03/12 9:10	1/04/12 9:55
G35-0.5	1200012-14	Soil	1/03/12 9:11	1/04/12 9:55
G35-1.5	1200012-15	Soil	1/03/12 9:12	1/04/12 9:55
G35-2.5	1200012-16	Soil	1/03/12 9:13	1/04/12 9:55
G38-0	1200012-17	Soil	1/03/12 9:18	1/04/12 9:55
G38-0.5	1200012-18	Soil	1/03/12 9:19	1/04/12 9:55
G38-1.5	1200012-19	Soil	1/03/12 9:20	1/04/12 9:55
G38-2.5	1200012-20	Soil	1/03/12 9:21	1/04/12 9:55
G39-0	1200012-21	Soil	1/03/12 9:25	1/04/12 9:55
G39-0.5	1200012-22	Soil	1/03/12 9:26	1/04/12 9:55
G39-1.5	1200012-23	Soil	1/03/12 9:27	1/04/12 9:55
G39-2.5	1200012-24	Soil	1/03/12 9:28	1/04/12 9:55
G45-0	1200012-25	Soil	1/03/12 9:35	1/04/12 9:55
G45-0.5	1200012-26	Soil	1/03/12 9:36	1/04/12 9:55
G45-1.5	1200012-27	Soil	1/03/12 9:37	1/04/12 9:55
G45-2.5	1200012-28	Soil	1/03/12 9:38	1/04/12 9:55
G46-0	1200012-29	Soil	1/03/12 9:40	1/04/12 9:55
G46-0.5	1200012-30	Soil	1/03/12 9:41	1/04/12 9:55
G46-1.5	1200012-31	Soil	1/03/12 9:42	1/04/12 9:55
G46-2.5	1200012-32	Soil	1/03/12 9:43	1/04/12 9:55
G50-0	1200012-33	Soil	1/03/12 9:46	1/04/12 9:55
G50-0.5	1200012-34	Soil	1/03/12 9:47	1/04/12 9:55
G50-1.5	1200012-35	Soil	1/03/12 9:48	1/04/12 9:55

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G50-2.5	1200012-36	Soil	1/03/12 9:49	1/04/12 9:55
G51-0	1200012-37	Soil	1/03/12 9:51	1/04/12 9:55
G51-0.5	1200012-38	Soil	1/03/12 9:52	1/04/12 9:55
G51-1.5	1200012-39	Soil	1/03/12 9:53	1/04/12 9:55
G51-2.5	1200012-40	Soil	1/03/12 9:54	1/04/12 9:55
G80-0	1200012-41	Soil	1/03/12 10:04	1/04/12 9:55
G80-0.5	1200012-42	Soil	1/03/12 10:05	1/04/12 9:55
G80-1.5	1200012-43	Soil	1/03/12 10:06	1/04/12 9:55
G80-2.5	1200012-44	Soil	1/03/12 10:07	1/04/12 9:55
G81-0	1200012-45	Soil	1/03/12 10:10	1/04/12 9:55
G81-0.5	1200012-46	Soil	1/03/12 10:10	1/04/12 9:55
G81-1.5	1200012-47	Soil	1/03/12 10:11	1/04/12 9:55
G81-2.5	1200012-48	Soil	1/03/12 10:11	1/04/12 9:55
G82-0	1200012-49	Soil	1/03/12 10:15	1/04/12 9:55
G82-0.5	1200012-50	Soil	1/03/12 10:16	1/04/12 9:55
G82-1.5	1200012-51	Soil	1/03/12 10:17	1/04/12 9:55
G82-2.5	1200012-52	Soil	1/03/12 10:18	1/04/12 9:55
G83-0	1200012-53	Soil	1/03/12 10:28	1/04/12 9:55
G83-0.5	1200012-54	Soil	1/03/12 10:29	1/04/12 9:55
G83-1.5	1200012-55	Soil	1/03/12 10:30	1/04/12 9:55
G83-2.5	1200012-56	Soil	1/03/12 10:30	1/04/12 9:55
G84-0	1200012-57	Soil	1/03/12 10:32	1/04/12 9:55
G84-0.5	1200012-58	Soil	1/03/12 10:33	1/04/12 9:55
G84-1.5	1200012-59	Soil	1/03/12 10:34	1/04/12 9:55
G84-2.5	1200012-60	Soil	1/03/12 10:35	1/04/12 9:55
G85-0	1200012-61	Soil	1/03/12 10:45	1/04/12 9:55
G85-0.5	1200012-62	Soil	1/03/12 10:45	1/04/12 9:55
G85-1.5	1200012-63	Soil	1/03/12 10:46	1/04/12 9:55
G85-2.5	1200012-64	Soil	1/03/12 10:46	1/04/12 9:55
G86-0	1200012-65	Soil	1/03/12 10:50	1/04/12 9:55
G86-0.5	1200012-66	Soil	1/03/12 10:51	1/04/12 9:55
G86-1.5	1200012-67	Soil	1/03/12 10:52	1/04/12 9:55
G86-2.5	1200012-68	Soil	1/03/12 10:53	1/04/12 9:55
G87-0	1200012-69	Soil	1/03/12 10:55	1/04/12 9:55
G87-0.5	1200012-70	Soil	1/03/12 10:56	1/04/12 9:55
G87-1.5	1200012-71	Soil	1/03/12 10:57	1/04/12 9:55
G87-2.5	1200012-72	Soil	1/03/12 10:58	1/04/12 9:55
G88-0	1200012-73	Soil	1/03/12 11:00	1/04/12 9:55
G88-0.5	1200012-74	Soil	1/03/12 11:01	1/04/12 9:55

Geocon Consultants, Inc.	Project Number :	TO-16, E8560-06-16
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G88-1.5	1200012-75	Soil	1/03/12 11:02	1/04/12 9:55
G88-2.5	1200012-76	Soil	1/03/12 11:03	1/04/12 9:55
G89-0	1200012-77	Soil	1/03/12 11:15	1/04/12 9:55
G89-0.5	1200012-78	Soil	1/03/12 11:16	1/04/12 9:55
G89-1.5	1200012-79	Soil	1/03/12 11:17	1/04/12 9:55
G89-2.5	1200012-80	Soil	1/03/12 11:18	1/04/12 9:55
G90-0	1200012-81	Soil	1/03/12 11:20	1/04/12 9:55
G90-0.5	1200012-82	Soil	1/03/12 11:21	1/04/12 9:55
G90-1.5	1200012-83	Soil	1/03/12 11:22	1/04/12 9:55
G90-2.5	1200012-84	Soil	1/03/12 11:23	1/04/12 9:55
G91-0	1200012-85	Soil	1/03/12 11:25	1/04/12 9:55
G91-0.5	1200012-86	Soil	1/03/12 11:26	1/04/12 9:55
G91-1.5	1200012-87	Soil	1/03/12 11:27	1/04/12 9:55
G91-2.5	1200012-88	Soil	1/03/12 11:28	1/04/12 9:55
G92-0	1200012-89	Soil	1/03/12 12:00	1/04/12 9:55
G92-0.5	1200012-90	Soil	1/03/12 12:01	1/04/12 9:55
G92-1.5	1200012-91	Soil	1/03/12 12:02	1/04/12 9:55
G92-2.5	1200012-92	Soil	1/03/12 12:03	1/04/12 9:55
G93-0	1200012-93	Soil	1/03/12 12:05	1/04/12 9:55
G93-0.5	1200012-94	Soil	1/03/12 12:06	1/04/12 9:55
G93-1.5	1200012-95	Soil	1/03/12 12:07	1/04/12 9:55
G93-2.5	1200012-96	Soil	1/03/12 12:08	1/04/12 9:55
G94-0	1200012-97	Soil	1/03/12 12:10	1/04/12 9:55
G94-0.5	1200012-98	Soil	1/03/12 12:11	1/04/12 9:55
G94-1.5	1200012-99	Soil	1/03/12 12:12	1/04/12 9:55
G94-2.5	1200012-AA	Soil	1/03/12 12:13	1/04/12 9:55
G95-0	1200012-AB	Soil	1/03/12 12:15	1/04/12 9:55
G95-0.5	1200012-AC	Soil	1/03/12 12:16	1/04/12 9:55
G95-1.5	1200012-AD	Soil	1/03/12 12:17	1/04/12 9:55
G95-2.5	1200012-AE	Soil	1/03/12 12:18	1/04/12 9:55
G144-0	1200012-AF	Soil	1/03/12 13:15	1/04/12 9:55
G144-0.5	1200012-AG	Soil	1/03/12 13:16	1/04/12 9:55
G144-1.5	1200012-AH	Soil	1/03/12 13:17	1/04/12 9:55
G144-2.5	1200012-AI	Soil	1/03/12 13:18	1/04/12 9:55
G144-3.5	1200012-AJ	Soil	1/03/12 13:24	1/04/12 9:55
G144-4.5	1200012-AK	Soil	1/03/12 13:25	1/04/12 9:55
G144-5.5	1200012-AL	Soil	1/03/12 13:26	1/04/12 9:55
G144-6.5	1200012-AM	Soil	1/03/12 13:27	1/04/12 9:55

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Livermore , CA 94550		Reported :	01/06/2012

Client Sample ID G25-0
Lab ID: 1200012-01

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0137	01/05/2012	01/05/12 17:44	
Arsenic	ND	1.0	NA	1	B2A0137	01/05/2012	01/05/12 17:44	
Barium	**25**	1.0	NA	1	B2A0137	01/05/2012	01/05/12 17:44	
Beryllium	ND	1.0	NA	1	B2A0137	01/05/2012	01/05/12 17:43	
Cadmium	**1.2**	1.0	NA	1	B2A0137	01/05/2012	01/05/12 17:44	
Chromium	**11**	1.0	NA	1	B2A0137	01/05/2012	01/05/12 17:44	
Cobalt	**13**	1.0	NA	1	B2A0137	01/05/2012	01/05/12 17:44	
Copper	**32**	2.0	NA	1	B2A0137	01/05/2012	01/05/12 17:44	
Lead	**27**	1.0	NA	1	B2A0137	01/05/2012	01/05/12 17:44	
Molybdenum	ND	1.0	NA	1	B2A0137	01/05/2012	01/05/12 17:44	
Nickel	**12**	1.0	NA	1	B2A0137	01/05/2012	01/05/12 17:44	
Selenium	ND	1.0	NA	1	B2A0137	01/05/2012	01/05/12 17:44	
Silver	ND	1.0	NA	1	B2A0137	01/05/2012	01/05/12 17:44	
Thallium	ND	1.0	NA	1	B2A0137	01/05/2012	01/05/12 17:44	
Vanadium	**110**	1.0	NA	1	B2A0137	01/05/2012	01/05/12 17:44	
Zinc	**71**	1.0	NA	1	B2A0137	01/05/2012	01/05/12 17:44	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
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Livermore , CA 94550		Reported :	01/06/2012

Client Sample ID G25-0.5
Lab ID: 1200012-02

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0137	01/05/2012	01/05/12 17:53	
Arsenic	ND	1.0	NA	1	B2A0137	01/05/2012	01/05/12 17:53	
Barium	**18**	1.0	NA	1	B2A0137	01/05/2012	01/05/12 17:53	
Beryllium	ND	1.0	NA	1	B2A0137	01/05/2012	01/05/12 17:52	
Cadmium	**1.2**	1.0	NA	1	B2A0137	01/05/2012	01/05/12 17:53	
Chromium	**12**	1.0	NA	1	B2A0137	01/05/2012	01/05/12 17:53	
Cobalt	**16**	1.0	NA	1	B2A0137	01/05/2012	01/05/12 17:53	
Copper	**47**	2.0	NA	1	B2A0137	01/05/2012	01/05/12 17:53	
Lead	**1.1**	1.0	NA	1	B2A0137	01/05/2012	01/05/12 17:53	
Molybdenum	ND	1.0	NA	1	B2A0137	01/05/2012	01/05/12 17:53	
Nickel	**9.8**	1.0	NA	1	B2A0137	01/05/2012	01/05/12 17:53	
Selenium	ND	1.0	NA	1	B2A0137	01/05/2012	01/05/12 17:53	
Silver	ND	1.0	NA	1	B2A0137	01/05/2012	01/05/12 17:53	
Thallium	ND	1.0	NA	1	B2A0137	01/05/2012	01/05/12 17:53	
Vanadium	**120**	1.0	NA	1	B2A0137	01/05/2012	01/05/12 17:53	
Zinc	**45**	1.0	NA	1	B2A0137	01/05/2012	01/05/12 17:53	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/06/2012

Client Sample ID G25-1.5
Lab ID: 1200012-03

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0137	01/05/2012	01/05/12 17:56	
Arsenic	**6.1**	1.0	NA	1	B2A0137	01/05/2012	01/05/12 17:56	
Barium	**130**	1.0	NA	1	B2A0137	01/05/2012	01/05/12 17:56	
Beryllium	ND	1.0	NA	1	B2A0137	01/05/2012	01/05/12 17:56	
Cadmium	ND	1.0	NA	1	B2A0137	01/05/2012	01/05/12 17:56	
Chromium	**29**	1.0	NA	1	B2A0137	01/05/2012	01/05/12 17:56	
Cobalt	**13**	1.0	NA	1	B2A0137	01/05/2012	01/05/12 17:56	
Copper	**41**	2.0	NA	1	B2A0137	01/05/2012	01/05/12 17:56	
Lead	**15**	1.0	NA	1	B2A0137	01/05/2012	01/05/12 17:56	
Molybdenum	ND	1.0	NA	1	B2A0137	01/05/2012	01/05/12 17:56	
Nickel	**34**	1.0	NA	1	B2A0137	01/05/2012	01/05/12 17:56	
Selenium	ND	1.0	NA	1	B2A0137	01/05/2012	01/05/12 17:56	
Silver	ND	1.0	NA	1	B2A0137	01/05/2012	01/05/12 17:56	
Thallium	ND	1.0	NA	1	B2A0137	01/05/2012	01/05/12 17:56	
Vanadium	**45**	1.0	NA	1	B2A0137	01/05/2012	01/05/12 17:56	
Zinc	**53**	1.0	NA	1	B2A0137	01/05/2012	01/05/12 17:56	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/06/2012

Client Sample ID G25-2.5
Lab ID: 1200012-04

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0137	01/05/2012	01/05/12 18:00	
Arsenic	**5.4**	1.0	NA	1	B2A0137	01/05/2012	01/05/12 18:00	
Barium	**190**	1.0	NA	1	B2A0137	01/05/2012	01/05/12 18:00	
Beryllium	ND	1.0	NA	1	B2A0137	01/05/2012	01/05/12 17:59	
Cadmium	ND	1.0	NA	1	B2A0137	01/05/2012	01/05/12 18:00	
Chromium	**34**	1.0	NA	1	B2A0137	01/05/2012	01/05/12 18:00	
Cobalt	**14**	1.0	NA	1	B2A0137	01/05/2012	01/05/12 18:00	
Copper	**47**	2.0	NA	1	B2A0137	01/05/2012	01/05/12 18:00	
Lead	**8.9**	1.0	NA	1	B2A0137	01/05/2012	01/05/12 18:00	
Molybdenum	ND	1.0	NA	1	B2A0137	01/05/2012	01/05/12 18:00	
Nickel	**40**	1.0	NA	1	B2A0137	01/05/2012	01/05/12 18:00	
Selenium	ND	1.0	NA	1	B2A0137	01/05/2012	01/05/12 18:00	
Silver	ND	1.0	NA	1	B2A0137	01/05/2012	01/05/12 18:00	
Thallium	ND	1.0	NA	1	B2A0137	01/05/2012	01/05/12 18:00	
Vanadium	**48**	1.0	NA	1	B2A0137	01/05/2012	01/05/12 18:00	
Zinc	**61**	1.0	NA	1	B2A0137	01/05/2012	01/05/12 18:00	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/06/2012

Client Sample ID G26-0

Lab ID: 1200012-05

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0137	01/05/2012	01/05/12 18:10	
Arsenic	**3.9**	1.0	NA	1	B2A0137	01/05/2012	01/05/12 18:10	
Barium	**98**	1.0	NA	1	B2A0137	01/05/2012	01/05/12 18:10	
Beryllium	ND	1.0	NA	1	B2A0137	01/05/2012	01/05/12 18:10	
Cadmium	ND	1.0	NA	1	B2A0137	01/05/2012	01/05/12 18:10	
Chromium	**22**	1.0	NA	1	B2A0137	01/05/2012	01/05/12 18:10	
Cobalt	**13**	1.0	NA	1	B2A0137	01/05/2012	01/05/12 18:10	
Copper	**37**	2.0	NA	1	B2A0137	01/05/2012	01/05/12 18:10	
Lead	**11**	1.0	NA	1	B2A0137	01/05/2012	01/05/12 18:10	
Molybdenum	ND	1.0	NA	1	B2A0137	01/05/2012	01/05/12 18:10	
Nickel	**25**	1.0	NA	1	B2A0137	01/05/2012	01/05/12 18:10	
Selenium	ND	1.0	NA	1	B2A0137	01/05/2012	01/05/12 18:10	
Silver	ND	1.0	NA	1	B2A0137	01/05/2012	01/05/12 18:10	
Thallium	ND	1.0	NA	1	B2A0137	01/05/2012	01/05/12 18:10	
Vanadium	**62**	1.0	NA	1	B2A0137	01/05/2012	01/05/12 18:10	
Zinc	**45**	1.0	NA	1	B2A0137	01/05/2012	01/05/12 18:10	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/06/2012

Client Sample ID G26-0.5
Lab ID: 1200012-06

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0137	01/05/2012	01/05/12 18:14	
Arsenic	**6.2**	1.0	NA	1	B2A0137	01/05/2012	01/05/12 18:14	
Barium	**150**	1.0	NA	1	B2A0137	01/05/2012	01/05/12 18:14	
Beryllium	ND	1.0	NA	1	B2A0137	01/05/2012	01/05/12 18:13	
Cadmium	ND	1.0	NA	1	B2A0137	01/05/2012	01/05/12 18:14	
Chromium	**33**	1.0	NA	1	B2A0137	01/05/2012	01/05/12 18:14	
Cobalt	**15**	1.0	NA	1	B2A0137	01/05/2012	01/05/12 18:14	
Copper	**46**	2.0	NA	1	B2A0137	01/05/2012	01/05/12 18:14	
Lead	**14**	1.0	NA	1	B2A0137	01/05/2012	01/05/12 18:14	
Molybdenum	ND	1.0	NA	1	B2A0137	01/05/2012	01/05/12 18:14	
Nickel	**37**	1.0	NA	1	B2A0137	01/05/2012	01/05/12 18:14	
Selenium	ND	1.0	NA	1	B2A0137	01/05/2012	01/05/12 18:14	
Silver	ND	1.0	NA	1	B2A0137	01/05/2012	01/05/12 18:14	
Thallium	ND	1.0	NA	1	B2A0137	01/05/2012	01/05/12 18:14	
Vanadium	**59**	1.0	NA	1	B2A0137	01/05/2012	01/05/12 18:14	
Zinc	**61**	1.0	NA	1	B2A0137	01/05/2012	01/05/12 18:14	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/06/2012

Client Sample ID G26-1.5
Lab ID: 1200012-07

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0137	01/05/2012	01/05/12 18:17	
Arsenic	**5.8**	1.0	NA	1	B2A0137	01/05/2012	01/05/12 18:17	
Barium	**170**	1.0	NA	1	B2A0137	01/05/2012	01/05/12 18:17	
Beryllium	ND	1.0	NA	1	B2A0137	01/05/2012	01/05/12 18:17	
Cadmium	ND	1.0	NA	1	B2A0137	01/05/2012	01/05/12 18:17	
Chromium	**27**	1.0	NA	1	B2A0137	01/05/2012	01/05/12 18:17	
Cobalt	**12**	1.0	NA	1	B2A0137	01/05/2012	01/05/12 18:17	
Copper	**39**	2.0	NA	1	B2A0137	01/05/2012	01/05/12 18:17	
Lead	**15**	1.0	NA	1	B2A0137	01/05/2012	01/05/12 18:17	
Molybdenum	ND	1.0	NA	1	B2A0137	01/05/2012	01/05/12 18:17	
Nickel	**33**	1.0	NA	1	B2A0137	01/05/2012	01/05/12 18:17	
Selenium	ND	1.0	NA	1	B2A0137	01/05/2012	01/05/12 18:17	
Silver	ND	1.0	NA	1	B2A0137	01/05/2012	01/05/12 18:17	
Thallium	ND	1.0	NA	1	B2A0137	01/05/2012	01/05/12 18:17	
Vanadium	**35**	1.0	NA	1	B2A0137	01/05/2012	01/05/12 18:17	
Zinc	**47**	1.0	NA	1	B2A0137	01/05/2012	01/05/12 18:17	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/06/2012

Client Sample ID G26-2.5
Lab ID: 1200012-08

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0137	01/05/2012	01/05/12 18:21	
Arsenic	**8.5**	1.0	NA	1	B2A0137	01/05/2012	01/05/12 18:21	
Barium	**130**	1.0	NA	1	B2A0137	01/05/2012	01/05/12 18:21	
Beryllium	ND	1.0	NA	1	B2A0137	01/05/2012	01/05/12 18:20	
Cadmium	ND	1.0	NA	1	B2A0137	01/05/2012	01/05/12 18:21	
Chromium	**44**	1.0	NA	1	B2A0137	01/05/2012	01/05/12 18:21	
Cobalt	**16**	1.0	NA	1	B2A0137	01/05/2012	01/05/12 18:21	
Copper	**46**	2.0	NA	1	B2A0137	01/05/2012	01/05/12 18:21	
Lead	**8.1**	1.0	NA	1	B2A0137	01/05/2012	01/05/12 18:21	
Molybdenum	ND	1.0	NA	1	B2A0137	01/05/2012	01/05/12 18:21	
Nickel	**39**	1.0	NA	1	B2A0137	01/05/2012	01/05/12 18:21	
Selenium	ND	1.0	NA	1	B2A0137	01/05/2012	01/05/12 18:21	
Silver	ND	1.0	NA	1	B2A0137	01/05/2012	01/05/12 18:21	
Thallium	ND	1.0	NA	1	B2A0137	01/05/2012	01/05/12 18:21	
Vanadium	**53**	1.0	NA	1	B2A0137	01/05/2012	01/05/12 18:21	
Zinc	**61**	1.0	NA	1	B2A0137	01/05/2012	01/05/12 18:21	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/06/2012

Client Sample ID G34-0

Lab ID: 1200012-09

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0137	01/05/2012	01/05/12 18:24	
Arsenic	**1.4**	1.0	NA	1	B2A0137	01/05/2012	01/05/12 18:24	
Barium	**51**	1.0	NA	1	B2A0137	01/05/2012	01/05/12 18:24	
Beryllium	ND	1.0	NA	1	B2A0137	01/05/2012	01/05/12 18:24	
Cadmium	**1.1**	1.0	NA	1	B2A0137	01/05/2012	01/05/12 18:24	
Chromium	**25**	1.0	NA	1	B2A0137	01/05/2012	01/05/12 18:24	
Cobalt	**14**	1.0	NA	1	B2A0137	01/05/2012	01/05/12 18:24	
Copper	**46**	2.0	NA	1	B2A0137	01/05/2012	01/05/12 18:24	
Lead	**100**	1.0	NA	1	B2A0137	01/05/2012	01/05/12 18:24	
Molybdenum	ND	1.0	NA	1	B2A0137	01/05/2012	01/05/12 18:24	
Nickel	**20**	1.0	NA	1	B2A0137	01/05/2012	01/05/12 18:24	
Selenium	ND	1.0	NA	1	B2A0137	01/05/2012	01/05/12 18:24	
Silver	ND	1.0	NA	1	B2A0137	01/05/2012	01/05/12 18:24	
Thallium	ND	1.0	NA	1	B2A0137	01/05/2012	01/05/12 18:24	
Vanadium	**96**	1.0	NA	1	B2A0137	01/05/2012	01/05/12 18:24	
Zinc	**95**	1.0	NA	1	B2A0137	01/05/2012	01/05/12 18:24	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/06/2012

Client Sample ID G34-0.5
Lab ID: 1200012-10

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0137	01/05/2012	01/05/12 18:28	
Arsenic	ND	1.0	NA	1	B2A0137	01/05/2012	01/05/12 18:28	
Barium	**12**	1.0	NA	1	B2A0137	01/05/2012	01/05/12 18:28	
Beryllium	ND	1.0	NA	1	B2A0137	01/05/2012	01/05/12 18:27	
Cadmium	ND	1.0	NA	1	B2A0137	01/05/2012	01/05/12 18:28	
Chromium	**9.3**	1.0	NA	1	B2A0137	01/05/2012	01/05/12 18:28	
Cobalt	**11**	1.0	NA	1	B2A0137	01/05/2012	01/05/12 18:28	
Copper	**25**	2.0	NA	1	B2A0137	01/05/2012	01/05/12 18:28	
Lead	**4.8**	1.0	NA	1	B2A0137	01/05/2012	01/05/12 18:28	
Molybdenum	ND	1.0	NA	1	B2A0137	01/05/2012	01/05/12 18:28	
Nickel	**14**	1.0	NA	1	B2A0137	01/05/2012	01/05/12 18:28	
Selenium	ND	1.0	NA	1	B2A0137	01/05/2012	01/05/12 18:28	
Silver	ND	1.0	NA	1	B2A0137	01/05/2012	01/05/12 18:28	
Thallium	ND	1.0	NA	1	B2A0137	01/05/2012	01/05/12 18:28	
Vanadium	**90**	1.0	NA	1	B2A0137	01/05/2012	01/05/12 18:28	
Zinc	**31**	1.0	NA	1	B2A0137	01/05/2012	01/05/12 18:28	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/06/2012

Client Sample ID G34-1.5
Lab ID: 1200012-11

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0138	01/05/2012	01/05/12 18:56	
Arsenic	ND	1.0	NA	1	B2A0138	01/05/2012	01/05/12 18:56	
Barium	**18**	1.0	NA	1	B2A0138	01/05/2012	01/05/12 18:56	
Beryllium	ND	1.0	NA	1	B2A0138	01/05/2012	01/05/12 18:55	
Cadmium	**1.3**	1.0	NA	1	B2A0138	01/05/2012	01/05/12 18:56	
Chromium	**13**	1.0	NA	1	B2A0138	01/05/2012	01/05/12 18:56	
Cobalt	**16**	1.0	NA	1	B2A0138	01/05/2012	01/05/12 18:56	
Copper	**46**	2.0	NA	1	B2A0138	01/05/2012	01/05/12 18:56	
Lead	**1.3**	1.0	NA	1	B2A0138	01/05/2012	01/05/12 18:56	
Molybdenum	ND	1.0	NA	1	B2A0138	01/05/2012	01/05/12 18:56	
Nickel	**9.6**	1.0	NA	1	B2A0138	01/05/2012	01/05/12 18:56	
Selenium	ND	1.0	NA	1	B2A0138	01/05/2012	01/05/12 18:56	
Silver	ND	1.0	NA	1	B2A0138	01/05/2012	01/05/12 18:56	
Thallium	ND	1.0	NA	1	B2A0138	01/05/2012	01/05/12 18:56	
Vanadium	**140**	1.0	NA	1	B2A0138	01/05/2012	01/05/12 18:56	
Zinc	**49**	1.0	NA	1	B2A0138	01/05/2012	01/05/12 18:56	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/06/2012

Client Sample ID G34-2.5
Lab ID: 1200012-12

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0138	01/05/2012	01/05/12 18:59	
Arsenic	**7.2**	1.0	NA	1	B2A0138	01/05/2012	01/05/12 18:59	
Barium	**150**	1.0	NA	1	B2A0138	01/05/2012	01/05/12 18:59	
Beryllium	ND	1.0	NA	1	B2A0138	01/05/2012	01/05/12 18:59	
Cadmium	ND	1.0	NA	1	B2A0138	01/05/2012	01/05/12 18:59	
Chromium	**35**	1.0	NA	1	B2A0138	01/05/2012	01/05/12 18:59	
Cobalt	**17**	1.0	NA	1	B2A0138	01/05/2012	01/05/12 18:59	
Copper	**51**	2.0	NA	1	B2A0138	01/05/2012	01/05/12 18:59	
Lead	**16**	1.0	NA	1	B2A0138	01/05/2012	01/05/12 18:59	
Molybdenum	ND	1.0	NA	1	B2A0138	01/05/2012	01/05/12 18:59	
Nickel	**42**	1.0	NA	1	B2A0138	01/05/2012	01/05/12 18:59	
Selenium	ND	1.0	NA	1	B2A0138	01/05/2012	01/05/12 18:59	
Silver	ND	1.0	NA	1	B2A0138	01/05/2012	01/05/12 18:59	
Thallium	ND	1.0	NA	1	B2A0138	01/05/2012	01/05/12 18:59	
Vanadium	**55**	1.0	NA	1	B2A0138	01/05/2012	01/05/12 18:59	
Zinc	**60**	1.0	NA	1	B2A0138	01/05/2012	01/05/12 18:59	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/06/2012

Client Sample ID G35-0

Lab ID: 1200012-13

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0138	01/05/2012	01/05/12 19:03	
Arsenic	**3.0**	1.0	NA	1	B2A0138	01/05/2012	01/05/12 19:03	
Barium	**67**	1.0	NA	1	B2A0138	01/05/2012	01/05/12 19:03	
Beryllium	ND	1.0	NA	1	B2A0138	01/05/2012	01/05/12 19:02	
Cadmium	ND	1.0	NA	1	B2A0138	01/05/2012	01/05/12 19:03	
Chromium	**22**	1.0	NA	1	B2A0138	01/05/2012	01/05/12 19:03	
Cobalt	**8.2**	1.0	NA	1	B2A0138	01/05/2012	01/05/12 19:03	
Copper	**27**	2.0	NA	1	B2A0138	01/05/2012	01/05/12 19:03	
Lead	**110**	1.0	NA	1	B2A0138	01/05/2012	01/05/12 19:03	
Molybdenum	ND	1.0	NA	1	B2A0138	01/05/2012	01/05/12 19:03	
Nickel	**30**	1.0	NA	1	B2A0138	01/05/2012	01/05/12 19:03	
Selenium	ND	1.0	NA	1	B2A0138	01/05/2012	01/05/12 19:03	
Silver	ND	1.0	NA	1	B2A0138	01/05/2012	01/05/12 19:03	
Thallium	ND	1.0	NA	1	B2A0138	01/05/2012	01/05/12 19:03	
Vanadium	**44**	1.0	NA	1	B2A0138	01/05/2012	01/05/12 19:03	
Zinc	**83**	1.0	NA	1	B2A0138	01/05/2012	01/05/12 19:03	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/06/2012

Client Sample ID G35-0.5
Lab ID: 1200012-14

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0138	01/05/2012	01/05/12 19:06	
Arsenic	**4.4**	1.0	NA	1	B2A0138	01/05/2012	01/05/12 19:06	
Barium	**98**	1.0	NA	1	B2A0138	01/05/2012	01/05/12 19:06	
Beryllium	ND	1.0	NA	1	B2A0138	01/05/2012	01/05/12 19:06	
Cadmium	ND	1.0	NA	1	B2A0138	01/05/2012	01/05/12 19:06	
Chromium	**28**	1.0	NA	1	B2A0138	01/05/2012	01/05/12 19:06	
Cobalt	**12**	1.0	NA	1	B2A0138	01/05/2012	01/05/12 19:06	
Copper	**39**	2.0	NA	1	B2A0138	01/05/2012	01/05/12 19:06	
Lead	**39**	1.0	NA	1	B2A0138	01/05/2012	01/05/12 19:06	
Molybdenum	ND	1.0	NA	1	B2A0138	01/05/2012	01/05/12 19:06	
Nickel	**38**	1.0	NA	1	B2A0138	01/05/2012	01/05/12 19:06	
Selenium	ND	1.0	NA	1	B2A0138	01/05/2012	01/05/12 19:06	
Silver	ND	1.0	NA	1	B2A0138	01/05/2012	01/05/12 19:06	
Thallium	ND	1.0	NA	1	B2A0138	01/05/2012	01/05/12 19:06	
Vanadium	**50**	1.0	NA	1	B2A0138	01/05/2012	01/05/12 19:06	
Zinc	**64**	1.0	NA	1	B2A0138	01/05/2012	01/05/12 19:06	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/06/2012

Client Sample ID G35-1.5
Lab ID: 1200012-15

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0138	01/05/2012	01/05/12 19:09	
Arsenic	**2.5**	1.0	NA	1	B2A0138	01/05/2012	01/05/12 19:09	
Barium	**65**	1.0	NA	1	B2A0138	01/05/2012	01/05/12 19:09	
Beryllium	ND	1.0	NA	1	B2A0138	01/05/2012	01/05/12 19:09	
Cadmium	ND	1.0	NA	1	B2A0138	01/05/2012	01/05/12 19:09	
Chromium	**26**	1.0	NA	1	B2A0138	01/05/2012	01/05/12 19:09	
Cobalt	**13**	1.0	NA	1	B2A0138	01/05/2012	01/05/12 19:09	
Copper	**33**	2.0	NA	1	B2A0138	01/05/2012	01/05/12 19:09	
Lead	**6.2**	1.0	NA	1	B2A0138	01/05/2012	01/05/12 19:09	
Molybdenum	ND	1.0	NA	1	B2A0138	01/05/2012	01/05/12 19:09	
Nickel	**32**	1.0	NA	1	B2A0138	01/05/2012	01/05/12 19:09	
Selenium	ND	1.0	NA	1	B2A0138	01/05/2012	01/05/12 19:09	
Silver	ND	1.0	NA	1	B2A0138	01/05/2012	01/05/12 19:09	
Thallium	ND	1.0	NA	1	B2A0138	01/05/2012	01/05/12 19:09	
Vanadium	**37**	1.0	NA	1	B2A0138	01/05/2012	01/05/12 19:09	
Zinc	**30**	1.0	NA	1	B2A0138	01/05/2012	01/05/12 19:09	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/06/2012

Client Sample ID G35-2.5
Lab ID: 1200012-16

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	10	NA	5	B2A0138	01/05/2012	01/06/12 11:58	D5
Arsenic	**5.9**	5.0	NA	5	B2A0138	01/05/2012	01/06/12 11:58	D5
Barium	**150**	5.0	NA	5	B2A0138	01/05/2012	01/06/12 11:58	D5
Beryllium	ND	5.0	NA	5	B2A0138	01/05/2012	01/06/12 11:57	D5
Cadmium	ND	5.0	NA	5	B2A0138	01/05/2012	01/06/12 11:58	D5
Chromium	**30**	5.0	NA	5	B2A0138	01/05/2012	01/06/12 11:58	D5
Cobalt	**12**	5.0	NA	5	B2A0138	01/05/2012	01/06/12 11:58	D5
Copper	**38**	10	NA	5	B2A0138	01/05/2012	01/06/12 11:58	D5
Lead	**130**	5.0	NA	5	B2A0138	01/05/2012	01/06/12 11:58	D5
Molybdenum	ND	5.0	NA	5	B2A0138	01/05/2012	01/06/12 11:58	D5
Nickel	**40**	5.0	NA	5	B2A0138	01/05/2012	01/06/12 11:58	D5
Selenium	ND	5.0	NA	5	B2A0138	01/05/2012	01/06/12 11:58	D5
Silver	ND	5.0	NA	5	B2A0138	01/05/2012	01/06/12 11:58	D5
Thallium	ND	5.0	NA	5	B2A0138	01/05/2012	01/06/12 11:58	D5
Vanadium	**34**	5.0	NA	5	B2A0138	01/05/2012	01/06/12 11:58	D5
Zinc	**73**	5.0	NA	5	B2A0138	01/05/2012	01/06/12 11:58	D5

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/06/2012

Client Sample ID G38-0

Lab ID: 1200012-17

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0138	01/05/2012	01/05/12 19:16	
Arsenic	ND	1.0	NA	1	B2A0138	01/05/2012	01/05/12 19:16	
Barium	**15**	1.0	NA	1	B2A0138	01/05/2012	01/05/12 19:16	
Beryllium	ND	1.0	NA	1	B2A0138	01/05/2012	01/05/12 19:15	
Cadmium	**1.0**	1.0	NA	1	B2A0138	01/05/2012	01/05/12 19:16	
Chromium	**7.1**	1.0	NA	1	B2A0138	01/05/2012	01/05/12 19:16	
Cobalt	**13**	1.0	NA	1	B2A0138	01/05/2012	01/05/12 19:16	
Copper	**28**	2.0	NA	1	B2A0138	01/05/2012	01/05/12 19:16	
Lead	**15**	1.0	NA	1	B2A0138	01/05/2012	01/05/12 19:16	
Molybdenum	ND	1.0	NA	1	B2A0138	01/05/2012	01/05/12 19:16	
Nickel	**14**	1.0	NA	1	B2A0138	01/05/2012	01/05/12 19:16	
Selenium	ND	1.0	NA	1	B2A0138	01/05/2012	01/05/12 19:16	
Silver	ND	1.0	NA	1	B2A0138	01/05/2012	01/05/12 19:16	
Thallium	ND	1.0	NA	1	B2A0138	01/05/2012	01/05/12 19:16	
Vanadium	**99**	1.0	NA	1	B2A0138	01/05/2012	01/05/12 19:16	
Zinc	**41**	1.0	NA	1	B2A0138	01/05/2012	01/05/12 19:16	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
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Client Sample ID G38-0.5
Lab ID: 1200012-18

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0138	01/05/2012	01/05/12 19:20	
Arsenic	ND	1.0	NA	1	B2A0138	01/05/2012	01/05/12 19:20	
Barium	**18**	1.0	NA	1	B2A0138	01/05/2012	01/05/12 19:20	
Beryllium	ND	1.0	NA	1	B2A0138	01/05/2012	01/05/12 19:19	
Cadmium	**1.5**	1.0	NA	1	B2A0138	01/05/2012	01/05/12 19:20	
Chromium	**15**	1.0	NA	1	B2A0138	01/05/2012	01/05/12 19:20	
Cobalt	**19**	1.0	NA	1	B2A0138	01/05/2012	01/05/12 19:20	
Copper	**52**	2.0	NA	1	B2A0138	01/05/2012	01/05/12 19:20	
Lead	**3.7**	1.0	NA	1	B2A0138	01/05/2012	01/05/12 19:20	
Molybdenum	ND	1.0	NA	1	B2A0138	01/05/2012	01/05/12 19:20	
Nickel	**13**	1.0	NA	1	B2A0138	01/05/2012	01/05/12 19:20	
Selenium	ND	1.0	NA	1	B2A0138	01/05/2012	01/05/12 19:20	
Silver	ND	1.0	NA	1	B2A0138	01/05/2012	01/05/12 19:20	
Thallium	ND	1.0	NA	1	B2A0138	01/05/2012	01/05/12 19:20	
Vanadium	**160**	1.0	NA	1	B2A0138	01/05/2012	01/05/12 19:20	
Zinc	**54**	1.0	NA	1	B2A0138	01/05/2012	01/05/12 19:20	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/06/2012

Client Sample ID G38-1.5
Lab ID: 1200012-19

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0138	01/05/2012	01/05/12 19:23	
Arsenic	ND	1.0	NA	1	B2A0138	01/05/2012	01/05/12 19:23	
Barium	**16**	1.0	NA	1	B2A0138	01/05/2012	01/05/12 19:23	
Beryllium	ND	1.0	NA	1	B2A0138	01/05/2012	01/05/12 19:22	
Cadmium	**1.3**	1.0	NA	1	B2A0138	01/05/2012	01/05/12 19:23	
Chromium	**13**	1.0	NA	1	B2A0138	01/05/2012	01/05/12 19:23	
Cobalt	**15**	1.0	NA	1	B2A0138	01/05/2012	01/05/12 19:23	
Copper	**48**	2.0	NA	1	B2A0138	01/05/2012	01/05/12 19:23	
Lead	**1.2**	1.0	NA	1	B2A0138	01/05/2012	01/05/12 19:23	
Molybdenum	ND	1.0	NA	1	B2A0138	01/05/2012	01/05/12 19:23	
Nickel	**9.5**	1.0	NA	1	B2A0138	01/05/2012	01/05/12 19:23	
Selenium	ND	1.0	NA	1	B2A0138	01/05/2012	01/05/12 19:23	
Silver	ND	1.0	NA	1	B2A0138	01/05/2012	01/05/12 19:23	
Thallium	ND	1.0	NA	1	B2A0138	01/05/2012	01/05/12 19:23	
Vanadium	**140**	1.0	NA	1	B2A0138	01/05/2012	01/05/12 19:23	
Zinc	**48**	1.0	NA	1	B2A0138	01/05/2012	01/05/12 19:23	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/06/2012

Client Sample ID G38-2.5
Lab ID: 1200012-20

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0138	01/05/2012	01/05/12 19:35	
Arsenic	ND	1.0	NA	1	B2A0138	01/05/2012	01/05/12 19:35	
Barium	**9.0**	1.0	NA	1	B2A0138	01/05/2012	01/05/12 19:35	
Beryllium	ND	1.0	NA	1	B2A0138	01/05/2012	01/05/12 19:34	
Cadmium	**1.3**	1.0	NA	1	B2A0138	01/05/2012	01/05/12 19:35	
Chromium	**11**	1.0	NA	1	B2A0138	01/05/2012	01/05/12 19:35	
Cobalt	**17**	1.0	NA	1	B2A0138	01/05/2012	01/05/12 19:35	
Copper	**36**	2.0	NA	1	B2A0138	01/05/2012	01/05/12 19:35	
Lead	ND	1.0	NA	1	B2A0138	01/05/2012	01/05/12 19:35	
Molybdenum	ND	1.0	NA	1	B2A0138	01/05/2012	01/05/12 19:35	
Nickel	**9.9**	1.0	NA	1	B2A0138	01/05/2012	01/05/12 19:35	
Selenium	ND	1.0	NA	1	B2A0138	01/05/2012	01/05/12 19:35	
Silver	ND	1.0	NA	1	B2A0138	01/05/2012	01/05/12 19:35	
Thallium	ND	1.0	NA	1	B2A0138	01/05/2012	01/05/12 19:35	
Vanadium	**140**	1.0	NA	1	B2A0138	01/05/2012	01/05/12 19:35	
Zinc	**52**	1.0	NA	1	B2A0138	01/05/2012	01/05/12 19:35	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/06/2012

Client Sample ID G39-0

Lab ID: 1200012-21

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0139	01/05/2012	01/05/12 19:56	
Arsenic	**4.6**	1.0	NA	1	B2A0139	01/05/2012	01/05/12 19:56	
Barium	**100**	1.0	NA	1	B2A0139	01/05/2012	01/05/12 19:56	
Beryllium	ND	1.0	NA	1	B2A0139	01/05/2012	01/05/12 19:55	
Cadmium	**1.0**	1.0	NA	1	B2A0139	01/05/2012	01/05/12 19:56	
Chromium	**29**	1.0	NA	1	B2A0139	01/05/2012	01/05/12 19:56	
Cobalt	**13**	1.0	NA	1	B2A0139	01/05/2012	01/05/12 19:56	
Copper	**45**	2.0	NA	1	B2A0139	01/05/2012	01/05/12 19:56	
Lead	**83**	1.0	NA	1	B2A0139	01/05/2012	01/05/12 19:56	
Molybdenum	ND	1.0	NA	1	B2A0139	01/05/2012	01/05/12 19:56	
Nickel	**36**	1.0	NA	1	B2A0139	01/05/2012	01/05/12 19:56	
Selenium	ND	1.0	NA	1	B2A0139	01/05/2012	01/05/12 19:56	
Silver	ND	1.0	NA	1	B2A0139	01/05/2012	01/05/12 19:56	
Thallium	ND	1.0	NA	1	B2A0139	01/05/2012	01/05/12 19:56	
Vanadium	**69**	1.0	NA	1	B2A0139	01/05/2012	01/05/12 19:56	
Zinc	**68**	1.0	NA	1	B2A0139	01/05/2012	01/05/12 19:56	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/06/2012

Client Sample ID G39-0.5
Lab ID: 1200012-22

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0139	01/05/2012	01/05/12 19:59	
Arsenic	ND	1.0	NA	1	B2A0139	01/05/2012	01/05/12 19:59	
Barium	**22**	1.0	NA	1	B2A0139	01/05/2012	01/05/12 19:59	
Beryllium	ND	1.0	NA	1	B2A0139	01/05/2012	01/05/12 19:59	
Cadmium	**1.2**	1.0	NA	1	B2A0139	01/05/2012	01/05/12 19:59	
Chromium	**10**	1.0	NA	1	B2A0139	01/05/2012	01/05/12 19:59	
Cobalt	**16**	1.0	NA	1	B2A0139	01/05/2012	01/05/12 19:59	
Copper	**50**	2.0	NA	1	B2A0139	01/05/2012	01/05/12 19:59	
Lead	**9.4**	1.0	NA	1	B2A0139	01/05/2012	01/05/12 19:59	
Molybdenum	ND	1.0	NA	1	B2A0139	01/05/2012	01/05/12 19:59	
Nickel	**13**	1.0	NA	1	B2A0139	01/05/2012	01/05/12 19:59	
Selenium	ND	1.0	NA	1	B2A0139	01/05/2012	01/05/12 19:59	
Silver	ND	1.0	NA	1	B2A0139	01/05/2012	01/05/12 19:59	
Thallium	ND	1.0	NA	1	B2A0139	01/05/2012	01/05/12 19:59	
Vanadium	**120**	1.0	NA	1	B2A0139	01/05/2012	01/05/12 19:59	
Zinc	**52**	1.0	NA	1	B2A0139	01/05/2012	01/05/12 19:59	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/06/2012

Client Sample ID G39-1.5
Lab ID: 1200012-23

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0139	01/05/2012	01/05/12 20:03	
Arsenic	ND	1.0	NA	1	B2A0139	01/05/2012	01/05/12 20:03	
Barium	**35**	1.0	NA	1	B2A0139	01/05/2012	01/05/12 20:03	
Beryllium	ND	1.0	NA	1	B2A0139	01/05/2012	01/05/12 20:03	
Cadmium	ND	1.0	NA	1	B2A0139	01/05/2012	01/05/12 20:03	
Chromium	**74**	1.0	NA	1	B2A0139	01/05/2012	01/05/12 20:03	
Cobalt	**21**	1.0	NA	1	B2A0139	01/05/2012	01/05/12 20:03	
Copper	**68**	2.0	NA	1	B2A0139	01/05/2012	01/05/12 20:03	
Lead	ND	1.0	NA	1	B2A0139	01/05/2012	01/05/12 20:03	
Molybdenum	ND	1.0	NA	1	B2A0139	01/05/2012	01/05/12 20:03	
Nickel	**51**	1.0	NA	1	B2A0139	01/05/2012	01/05/12 20:03	
Selenium	ND	1.0	NA	1	B2A0139	01/05/2012	01/05/12 20:03	
Silver	ND	1.0	NA	1	B2A0139	01/05/2012	01/05/12 20:03	
Thallium	ND	1.0	NA	1	B2A0139	01/05/2012	01/05/12 20:03	
Vanadium	**42**	1.0	NA	1	B2A0139	01/05/2012	01/05/12 20:03	
Zinc	**22**	1.0	NA	1	B2A0139	01/05/2012	01/05/12 20:03	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/06/2012

Client Sample ID G39-2.5
Lab ID: 1200012-24

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0139	01/05/2012	01/05/12 20:08	
Arsenic	**9.8**	1.0	NA	1	B2A0139	01/05/2012	01/05/12 20:08	
Barium	**240**	1.0	NA	1	B2A0139	01/05/2012	01/05/12 20:08	
Beryllium	ND	1.0	NA	1	B2A0139	01/05/2012	01/05/12 20:07	
Cadmium	ND	1.0	NA	1	B2A0139	01/05/2012	01/05/12 20:08	
Chromium	**26**	1.0	NA	1	B2A0139	01/05/2012	01/05/12 20:08	
Cobalt	**12**	1.0	NA	1	B2A0139	01/05/2012	01/05/12 20:08	
Copper	**44**	2.0	NA	1	B2A0139	01/05/2012	01/05/12 20:08	
Lead	**13**	1.0	NA	1	B2A0139	01/05/2012	01/05/12 20:08	
Molybdenum	ND	1.0	NA	1	B2A0139	01/05/2012	01/05/12 20:08	
Nickel	**36**	1.0	NA	1	B2A0139	01/05/2012	01/05/12 20:08	
Selenium	ND	1.0	NA	1	B2A0139	01/05/2012	01/05/12 20:08	
Silver	ND	1.0	NA	1	B2A0139	01/05/2012	01/05/12 20:08	
Thallium	ND	1.0	NA	1	B2A0139	01/05/2012	01/05/12 20:08	
Vanadium	**33**	1.0	NA	1	B2A0139	01/05/2012	01/05/12 20:08	
Zinc	**60**	1.0	NA	1	B2A0139	01/05/2012	01/05/12 20:08	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/06/2012

Client Sample ID G45-0

Lab ID: 1200012-25

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0139	01/05/2012	01/05/12 20:18	
Arsenic	ND	1.0	NA	1	B2A0139	01/05/2012	01/05/12 20:18	
Barium	**24**	1.0	NA	1	B2A0139	01/05/2012	01/05/12 20:18	
Beryllium	ND	1.0	NA	1	B2A0139	01/05/2012	01/05/12 20:18	
Cadmium	**1.4**	1.0	NA	1	B2A0139	01/05/2012	01/05/12 20:18	
Chromium	**22**	1.0	NA	1	B2A0139	01/05/2012	01/05/12 20:18	
Cobalt	**16**	1.0	NA	1	B2A0139	01/05/2012	01/05/12 20:18	
Copper	**37**	2.0	NA	1	B2A0139	01/05/2012	01/05/12 20:18	
Lead	**4.4**	1.0	NA	1	B2A0139	01/05/2012	01/05/12 20:18	
Molybdenum	**3.4**	1.0	NA	1	B2A0139	01/05/2012	01/05/12 20:18	
Nickel	**12**	1.0	NA	1	B2A0139	01/05/2012	01/05/12 20:18	
Selenium	ND	1.0	NA	1	B2A0139	01/05/2012	01/05/12 20:18	
Silver	ND	1.0	NA	1	B2A0139	01/05/2012	01/05/12 20:18	
Thallium	ND	1.0	NA	1	B2A0139	01/05/2012	01/05/12 20:18	
Vanadium	**120**	1.0	NA	1	B2A0139	01/05/2012	01/05/12 20:18	
Zinc	**54**	1.0	NA	1	B2A0139	01/05/2012	01/05/12 20:18	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/06/2012

Client Sample ID G45-0.5
Lab ID: 1200012-26

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0139	01/05/2012	01/05/12 20:22	
Arsenic	ND	1.0	NA	1	B2A0139	01/05/2012	01/05/12 20:22	
Barium	**24**	1.0	NA	1	B2A0139	01/05/2012	01/05/12 20:22	
Beryllium	ND	1.0	NA	1	B2A0139	01/05/2012	01/05/12 20:21	
Cadmium	**1.4**	1.0	NA	1	B2A0139	01/05/2012	01/05/12 20:22	
Chromium	**17**	1.0	NA	1	B2A0139	01/05/2012	01/05/12 20:22	
Cobalt	**19**	1.0	NA	1	B2A0139	01/05/2012	01/05/12 20:22	
Copper	**45**	2.0	NA	1	B2A0139	01/05/2012	01/05/12 20:22	
Lead	**2.0**	1.0	NA	1	B2A0139	01/05/2012	01/05/12 20:22	
Molybdenum	ND	1.0	NA	1	B2A0139	01/05/2012	01/05/12 20:22	
Nickel	**23**	1.0	NA	1	B2A0139	01/05/2012	01/05/12 20:22	
Selenium	ND	1.0	NA	1	B2A0139	01/05/2012	01/05/12 20:22	
Silver	ND	1.0	NA	1	B2A0139	01/05/2012	01/05/12 20:22	
Thallium	ND	1.0	NA	1	B2A0139	01/05/2012	01/05/12 20:22	
Vanadium	**120**	1.0	NA	1	B2A0139	01/05/2012	01/05/12 20:22	
Zinc	**48**	1.0	NA	1	B2A0139	01/05/2012	01/05/12 20:22	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/06/2012

Client Sample ID G45-1.5
Lab ID: 1200012-27

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0139	01/05/2012	01/05/12 20:25	
Arsenic	ND	1.0	NA	1	B2A0139	01/05/2012	01/05/12 20:25	
Barium	**11**	1.0	NA	1	B2A0139	01/05/2012	01/05/12 20:25	
Beryllium	ND	1.0	NA	1	B2A0139	01/05/2012	01/05/12 20:25	
Cadmium	**1.4**	1.0	NA	1	B2A0139	01/05/2012	01/05/12 20:25	
Chromium	**9.8**	1.0	NA	1	B2A0139	01/05/2012	01/05/12 20:25	
Cobalt	**16**	1.0	NA	1	B2A0139	01/05/2012	01/05/12 20:25	
Copper	**40**	2.0	NA	1	B2A0139	01/05/2012	01/05/12 20:25	
Lead	ND	1.0	NA	1	B2A0139	01/05/2012	01/05/12 20:25	
Molybdenum	ND	1.0	NA	1	B2A0139	01/05/2012	01/05/12 20:25	
Nickel	**8.9**	1.0	NA	1	B2A0139	01/05/2012	01/05/12 20:25	
Selenium	ND	1.0	NA	1	B2A0139	01/05/2012	01/05/12 20:25	
Silver	ND	1.0	NA	1	B2A0139	01/05/2012	01/05/12 20:25	
Thallium	ND	1.0	NA	1	B2A0139	01/05/2012	01/05/12 20:25	
Vanadium	**140**	1.0	NA	1	B2A0139	01/05/2012	01/05/12 20:25	
Zinc	**53**	1.0	NA	1	B2A0139	01/05/2012	01/05/12 20:25	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/06/2012

Client Sample ID G45-2.5
Lab ID: 1200012-28

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0139	01/05/2012	01/05/12 20:29	
Arsenic	ND	1.0	NA	1	B2A0139	01/05/2012	01/05/12 20:29	
Barium	**12**	1.0	NA	1	B2A0139	01/05/2012	01/05/12 20:29	
Beryllium	ND	1.0	NA	1	B2A0139	01/05/2012	01/05/12 20:28	
Cadmium	**1.5**	1.0	NA	1	B2A0139	01/05/2012	01/05/12 20:29	
Chromium	**10**	1.0	NA	1	B2A0139	01/05/2012	01/05/12 20:29	
Cobalt	**19**	1.0	NA	1	B2A0139	01/05/2012	01/05/12 20:29	
Copper	**42**	2.0	NA	1	B2A0139	01/05/2012	01/05/12 20:29	
Lead	ND	1.0	NA	1	B2A0139	01/05/2012	01/05/12 20:29	
Molybdenum	ND	1.0	NA	1	B2A0139	01/05/2012	01/05/12 20:29	
Nickel	**11**	1.0	NA	1	B2A0139	01/05/2012	01/05/12 20:29	
Selenium	ND	1.0	NA	1	B2A0139	01/05/2012	01/05/12 20:29	
Silver	ND	1.0	NA	1	B2A0139	01/05/2012	01/05/12 20:29	
Thallium	ND	1.0	NA	1	B2A0139	01/05/2012	01/05/12 20:29	
Vanadium	**160**	1.0	NA	1	B2A0139	01/05/2012	01/05/12 20:29	
Zinc	**55**	1.0	NA	1	B2A0139	01/05/2012	01/05/12 20:29	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/06/2012

Client Sample ID G46-0

Lab ID: 1200012-29

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0139	01/05/2012	01/05/12 20:32	
Arsenic	**4.7**	1.0	NA	1	B2A0139	01/05/2012	01/05/12 20:32	
Barium	**94**	1.0	NA	1	B2A0139	01/05/2012	01/05/12 20:32	
Beryllium	ND	1.0	NA	1	B2A0139	01/05/2012	01/05/12 20:32	
Cadmium	ND	1.0	NA	1	B2A0139	01/05/2012	01/05/12 20:32	
Chromium	**34**	1.0	NA	1	B2A0139	01/05/2012	01/05/12 20:32	
Cobalt	**13**	1.0	NA	1	B2A0139	01/05/2012	01/05/12 20:32	
Copper	**52**	2.0	NA	1	B2A0139	01/05/2012	01/05/12 20:32	
Lead	**560**	1.0	NA	1	B2A0139	01/05/2012	01/05/12 20:32	
Molybdenum	ND	1.0	NA	1	B2A0139	01/05/2012	01/05/12 20:32	
Nickel	**40**	1.0	NA	1	B2A0139	01/05/2012	01/05/12 20:32	
Selenium	ND	1.0	NA	1	B2A0139	01/05/2012	01/05/12 20:32	
Silver	ND	1.0	NA	1	B2A0139	01/05/2012	01/05/12 20:32	
Thallium	ND	1.0	NA	1	B2A0139	01/05/2012	01/05/12 20:32	
Vanadium	**62**	1.0	NA	1	B2A0139	01/05/2012	01/05/12 20:32	
Zinc	**96**	1.0	NA	1	B2A0139	01/05/2012	01/05/12 20:32	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/06/2012

Client Sample ID G46-0.5
Lab ID: 1200012-30

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0139	01/05/2012	01/05/12 20:36	
Arsenic	**4.8**	1.0	NA	1	B2A0139	01/05/2012	01/05/12 20:36	
Barium	**97**	1.0	NA	1	B2A0139	01/05/2012	01/05/12 20:36	
Beryllium	ND	1.0	NA	1	B2A0139	01/05/2012	01/05/12 20:35	
Cadmium	ND	1.0	NA	1	B2A0139	01/05/2012	01/05/12 20:36	
Chromium	**30**	1.0	NA	1	B2A0139	01/05/2012	01/05/12 20:36	
Cobalt	**15**	1.0	NA	1	B2A0139	01/05/2012	01/05/12 20:36	
Copper	**46**	2.0	NA	1	B2A0139	01/05/2012	01/05/12 20:36	
Lead	**23**	1.0	NA	1	B2A0139	01/05/2012	01/05/12 20:36	
Molybdenum	ND	1.0	NA	1	B2A0139	01/05/2012	01/05/12 20:36	
Nickel	**38**	1.0	NA	1	B2A0139	01/05/2012	01/05/12 20:36	
Selenium	ND	1.0	NA	1	B2A0139	01/05/2012	01/05/12 20:36	
Silver	ND	1.0	NA	1	B2A0139	01/05/2012	01/05/12 20:36	
Thallium	ND	1.0	NA	1	B2A0139	01/05/2012	01/05/12 20:36	
Vanadium	**61**	1.0	NA	1	B2A0139	01/05/2012	01/05/12 20:36	
Zinc	**51**	1.0	NA	1	B2A0139	01/05/2012	01/05/12 20:36	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/06/2012

Client Sample ID G46-1.5
Lab ID: 1200012-31

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0140	01/05/2012	01/05/12 21:03	
Arsenic	ND	1.0	NA	1	B2A0140	01/05/2012	01/05/12 21:03	
Barium	**13**	1.0	NA	1	B2A0140	01/05/2012	01/05/12 21:03	
Beryllium	ND	1.0	NA	1	B2A0140	01/05/2012	01/05/12 21:03	
Cadmium	ND	1.0	NA	1	B2A0140	01/05/2012	01/05/12 21:03	
Chromium	**29**	1.0	NA	1	B2A0140	01/05/2012	01/05/12 21:03	
Cobalt	**15**	1.0	NA	1	B2A0140	01/05/2012	01/05/12 21:03	
Copper	**49**	2.0	NA	1	B2A0140	01/05/2012	01/05/12 21:03	
Lead	ND	1.0	NA	1	B2A0140	01/05/2012	01/05/12 21:03	
Molybdenum	ND	1.0	NA	1	B2A0140	01/05/2012	01/05/12 21:03	
Nickel	**32**	1.0	NA	1	B2A0140	01/05/2012	01/05/12 21:03	
Selenium	ND	1.0	NA	1	B2A0140	01/05/2012	01/05/12 21:03	
Silver	ND	1.0	NA	1	B2A0140	01/05/2012	01/05/12 21:03	
Thallium	ND	1.0	NA	1	B2A0140	01/05/2012	01/05/12 21:03	
Vanadium	**36**	1.0	NA	1	B2A0140	01/05/2012	01/05/12 21:03	
Zinc	**16**	1.0	NA	1	B2A0140	01/05/2012	01/05/12 21:03	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/06/2012

Client Sample ID G46-2.5
Lab ID: 1200012-32

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0140	01/05/2012	01/05/12 21:08	
Arsenic	**10**	1.0	NA	1	B2A0140	01/05/2012	01/05/12 21:08	
Barium	**200**	1.0	NA	1	B2A0140	01/05/2012	01/05/12 21:08	
Beryllium	ND	1.0	NA	1	B2A0140	01/05/2012	01/05/12 21:07	
Cadmium	ND	1.0	NA	1	B2A0140	01/05/2012	01/05/12 21:08	
Chromium	**27**	1.0	NA	1	B2A0140	01/05/2012	01/05/12 21:08	
Cobalt	**11**	1.0	NA	1	B2A0140	01/05/2012	01/05/12 21:08	
Copper	**43**	2.0	NA	1	B2A0140	01/05/2012	01/05/12 21:08	
Lead	**8.2**	1.0	NA	1	B2A0140	01/05/2012	01/05/12 21:08	
Molybdenum	ND	1.0	NA	1	B2A0140	01/05/2012	01/05/12 21:08	
Nickel	**34**	1.0	NA	1	B2A0140	01/05/2012	01/05/12 21:08	
Selenium	ND	1.0	NA	1	B2A0140	01/05/2012	01/05/12 21:08	
Silver	ND	1.0	NA	1	B2A0140	01/05/2012	01/05/12 21:08	
Thallium	ND	1.0	NA	1	B2A0140	01/05/2012	01/05/12 21:08	
Vanadium	**39**	1.0	NA	1	B2A0140	01/05/2012	01/05/12 21:08	
Zinc	**53**	1.0	NA	1	B2A0140	01/05/2012	01/05/12 21:08	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/06/2012

Client Sample ID G50-0

Lab ID: 1200012-33

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0140	01/05/2012	01/05/12 21:11	
Arsenic	**2.2**	1.0	NA	1	B2A0140	01/05/2012	01/05/12 21:11	
Barium	**57**	1.0	NA	1	B2A0140	01/05/2012	01/05/12 21:11	
Beryllium	ND	1.0	NA	1	B2A0140	01/05/2012	01/05/12 21:11	
Cadmium	**1.8**	1.0	NA	1	B2A0140	01/05/2012	01/05/12 21:11	
Chromium	**33**	1.0	NA	1	B2A0140	01/05/2012	01/05/12 21:11	
Cobalt	**16**	1.0	NA	1	B2A0140	01/05/2012	01/05/12 21:11	
Copper	**58**	2.0	NA	1	B2A0140	01/05/2012	01/05/12 21:11	
Lead	**260**	1.0	NA	1	B2A0140	01/05/2012	01/05/12 21:11	
Molybdenum	ND	1.0	NA	1	B2A0140	01/05/2012	01/05/12 21:11	
Nickel	**25**	1.0	NA	1	B2A0140	01/05/2012	01/05/12 21:11	
Selenium	ND	1.0	NA	1	B2A0140	01/05/2012	01/05/12 21:11	
Silver	ND	1.0	NA	1	B2A0140	01/05/2012	01/05/12 21:11	
Thallium	ND	1.0	NA	1	B2A0140	01/05/2012	01/05/12 21:11	
Vanadium	**97**	1.0	NA	1	B2A0140	01/05/2012	01/05/12 21:11	
Zinc	**130**	1.0	NA	1	B2A0140	01/05/2012	01/05/12 21:11	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/06/2012

Client Sample ID G50-0.5
Lab ID: 1200012-34

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0140	01/05/2012	01/05/12 21:15	
Arsenic	ND	1.0	NA	1	B2A0140	01/05/2012	01/05/12 21:15	
Barium	**25**	1.0	NA	1	B2A0140	01/05/2012	01/05/12 21:15	
Beryllium	ND	1.0	NA	1	B2A0140	01/05/2012	01/05/12 21:14	
Cadmium	**1.3**	1.0	NA	1	B2A0140	01/05/2012	01/05/12 21:15	
Chromium	**13**	1.0	NA	1	B2A0140	01/05/2012	01/05/12 21:15	
Cobalt	**17**	1.0	NA	1	B2A0140	01/05/2012	01/05/12 21:15	
Copper	**40**	2.0	NA	1	B2A0140	01/05/2012	01/05/12 21:15	
Lead	**3.9**	1.0	NA	1	B2A0140	01/05/2012	01/05/12 21:15	
Molybdenum	ND	1.0	NA	1	B2A0140	01/05/2012	01/05/12 21:15	
Nickel	**13**	1.0	NA	1	B2A0140	01/05/2012	01/05/12 21:15	
Selenium	ND	1.0	NA	1	B2A0140	01/05/2012	01/05/12 21:15	
Silver	ND	1.0	NA	1	B2A0140	01/05/2012	01/05/12 21:15	
Thallium	ND	1.0	NA	1	B2A0140	01/05/2012	01/05/12 21:15	
Vanadium	**130**	1.0	NA	1	B2A0140	01/05/2012	01/05/12 21:15	
Zinc	**47**	1.0	NA	1	B2A0140	01/05/2012	01/05/12 21:15	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/06/2012

Client Sample ID G50-1.5
Lab ID: 1200012-35

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0140	01/05/2012	01/05/12 21:18	
Arsenic	**8.9**	1.0	NA	1	B2A0140	01/05/2012	01/05/12 21:18	
Barium	**90**	1.0	NA	1	B2A0140	01/05/2012	01/05/12 21:18	
Beryllium	ND	1.0	NA	1	B2A0140	01/05/2012	01/05/12 21:18	
Cadmium	**1.0**	1.0	NA	1	B2A0140	01/05/2012	01/05/12 21:18	
Chromium	**32**	1.0	NA	1	B2A0140	01/05/2012	01/05/12 21:18	
Cobalt	**14**	1.0	NA	1	B2A0140	01/05/2012	01/05/12 21:18	
Copper	**40**	2.0	NA	1	B2A0140	01/05/2012	01/05/12 21:18	
Lead	**21**	1.0	NA	1	B2A0140	01/05/2012	01/05/12 21:18	
Molybdenum	ND	1.0	NA	1	B2A0140	01/05/2012	01/05/12 21:18	
Nickel	**36**	1.0	NA	1	B2A0140	01/05/2012	01/05/12 21:18	
Selenium	ND	1.0	NA	1	B2A0140	01/05/2012	01/05/12 21:18	
Silver	ND	1.0	NA	1	B2A0140	01/05/2012	01/05/12 21:18	
Thallium	ND	1.0	NA	1	B2A0140	01/05/2012	01/05/12 21:18	
Vanadium	**47**	1.0	NA	1	B2A0140	01/05/2012	01/05/12 21:18	
Zinc	**50**	1.0	NA	1	B2A0140	01/05/2012	01/05/12 21:18	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/06/2012

Client Sample ID G50-2.5
Lab ID: 1200012-36

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0140	01/05/2012	01/05/12 21:22	
Arsenic	ND	1.0	NA	1	B2A0140	01/05/2012	01/05/12 21:22	
Barium	**7.4**	1.0	NA	1	B2A0140	01/05/2012	01/05/12 21:22	
Beryllium	ND	1.0	NA	1	B2A0140	01/05/2012	01/05/12 21:21	
Cadmium	**1.4**	1.0	NA	1	B2A0140	01/05/2012	01/05/12 21:22	
Chromium	**9.2**	1.0	NA	1	B2A0140	01/05/2012	01/05/12 21:22	
Cobalt	**16**	1.0	NA	1	B2A0140	01/05/2012	01/05/12 21:22	
Copper	**39**	2.0	NA	1	B2A0140	01/05/2012	01/05/12 21:22	
Lead	ND	1.0	NA	1	B2A0140	01/05/2012	01/05/12 21:22	
Molybdenum	ND	1.0	NA	1	B2A0140	01/05/2012	01/05/12 21:22	
Nickel	**8.3**	1.0	NA	1	B2A0140	01/05/2012	01/05/12 21:22	
Selenium	ND	1.0	NA	1	B2A0140	01/05/2012	01/05/12 21:22	
Silver	ND	1.0	NA	1	B2A0140	01/05/2012	01/05/12 21:22	
Thallium	ND	1.0	NA	1	B2A0140	01/05/2012	01/05/12 21:22	
Vanadium	**150**	1.0	NA	1	B2A0140	01/05/2012	01/05/12 21:22	
Zinc	**49**	1.0	NA	1	B2A0140	01/05/2012	01/05/12 21:22	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/06/2012

Client Sample ID G51-0

Lab ID: 1200012-37

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0140	01/05/2012	01/05/12 21:25	
Arsenic	ND	1.0	NA	1	B2A0140	01/05/2012	01/05/12 21:25	
Barium	**45**	1.0	NA	1	B2A0140	01/05/2012	01/05/12 21:25	
Beryllium	ND	1.0	NA	1	B2A0140	01/05/2012	01/05/12 21:25	
Cadmium	**1.2**	1.0	NA	1	B2A0140	01/05/2012	01/05/12 21:25	
Chromium	**11**	1.0	NA	1	B2A0140	01/05/2012	01/05/12 21:25	
Cobalt	**15**	1.0	NA	1	B2A0140	01/05/2012	01/05/12 21:25	
Copper	**34**	2.0	NA	1	B2A0140	01/05/2012	01/05/12 21:25	
Lead	**6.2**	1.0	NA	1	B2A0140	01/05/2012	01/05/12 21:25	
Molybdenum	ND	1.0	NA	1	B2A0140	01/05/2012	01/05/12 21:25	
Nickel	**15**	1.0	NA	1	B2A0140	01/05/2012	01/05/12 21:25	
Selenium	ND	1.0	NA	1	B2A0140	01/05/2012	01/05/12 21:25	
Silver	ND	1.0	NA	1	B2A0140	01/05/2012	01/05/12 21:25	
Thallium	ND	1.0	NA	1	B2A0140	01/05/2012	01/05/12 21:25	
Vanadium	**110**	1.0	NA	1	B2A0140	01/05/2012	01/05/12 21:25	
Zinc	**51**	1.0	NA	1	B2A0140	01/05/2012	01/05/12 21:25	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/06/2012

Client Sample ID G51-0.5
Lab ID: 1200012-38

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0140	01/05/2012	01/05/12 21:29	
Arsenic	**6.6**	1.0	NA	1	B2A0140	01/05/2012	01/05/12 21:29	
Barium	**170**	1.0	NA	1	B2A0140	01/05/2012	01/05/12 21:29	
Beryllium	ND	1.0	NA	1	B2A0140	01/05/2012	01/05/12 21:28	
Cadmium	**1.1**	1.0	NA	1	B2A0140	01/05/2012	01/05/12 21:29	
Chromium	**27**	1.0	NA	1	B2A0140	01/05/2012	01/05/12 21:29	
Cobalt	**15**	1.0	NA	1	B2A0140	01/05/2012	01/05/12 21:29	
Copper	**47**	2.0	NA	1	B2A0140	01/05/2012	01/05/12 21:29	
Lead	**9.5**	1.0	NA	1	B2A0140	01/05/2012	01/05/12 21:29	
Molybdenum	ND	1.0	NA	1	B2A0140	01/05/2012	01/05/12 21:29	
Nickel	**38**	1.0	NA	1	B2A0140	01/05/2012	01/05/12 21:29	
Selenium	ND	1.0	NA	1	B2A0140	01/05/2012	01/05/12 21:29	
Silver	ND	1.0	NA	1	B2A0140	01/05/2012	01/05/12 21:29	
Thallium	ND	1.0	NA	1	B2A0140	01/05/2012	01/05/12 21:29	
Vanadium	**60**	1.0	NA	1	B2A0140	01/05/2012	01/05/12 21:29	
Zinc	**64**	1.0	NA	1	B2A0140	01/05/2012	01/05/12 21:29	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/06/2012

Client Sample ID G51-1.5
Lab ID: 1200012-39

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0140	01/05/2012	01/05/12 21:33	
Arsenic	**5.0**	1.0	NA	1	B2A0140	01/05/2012	01/05/12 21:33	
Barium	**110**	1.0	NA	1	B2A0140	01/05/2012	01/05/12 21:33	
Beryllium	ND	1.0	NA	1	B2A0140	01/05/2012	01/05/12 21:32	
Cadmium	ND	1.0	NA	1	B2A0140	01/05/2012	01/05/12 21:33	
Chromium	**24**	1.0	NA	1	B2A0140	01/05/2012	01/05/12 21:33	
Cobalt	**12**	1.0	NA	1	B2A0140	01/05/2012	01/05/12 21:33	
Copper	**36**	2.0	NA	1	B2A0140	01/05/2012	01/05/12 21:33	
Lead	**29**	1.0	NA	1	B2A0140	01/05/2012	01/05/12 21:33	
Molybdenum	ND	1.0	NA	1	B2A0140	01/05/2012	01/05/12 21:33	
Nickel	**34**	1.0	NA	1	B2A0140	01/05/2012	01/05/12 21:33	
Selenium	ND	1.0	NA	1	B2A0140	01/05/2012	01/05/12 21:33	
Silver	ND	1.0	NA	1	B2A0140	01/05/2012	01/05/12 21:33	
Thallium	ND	1.0	NA	1	B2A0140	01/05/2012	01/05/12 21:33	
Vanadium	**38**	1.0	NA	1	B2A0140	01/05/2012	01/05/12 21:33	
Zinc	**47**	1.0	NA	1	B2A0140	01/05/2012	01/05/12 21:33	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/06/2012

Client Sample ID G51-2.5
Lab ID: 1200012-40

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0140	01/05/2012	01/05/12 21:44	
Arsenic	**8.8**	1.0	NA	1	B2A0140	01/05/2012	01/05/12 21:44	
Barium	**260**	1.0	NA	1	B2A0140	01/05/2012	01/05/12 21:44	
Beryllium	ND	1.0	NA	1	B2A0140	01/05/2012	01/05/12 21:43	
Cadmium	ND	1.0	NA	1	B2A0140	01/05/2012	01/05/12 21:44	
Chromium	**30**	1.0	NA	1	B2A0140	01/05/2012	01/05/12 21:44	
Cobalt	**14**	1.0	NA	1	B2A0140	01/05/2012	01/05/12 21:44	
Copper	**38**	2.0	NA	1	B2A0140	01/05/2012	01/05/12 21:44	
Lead	**8.9**	1.0	NA	1	B2A0140	01/05/2012	01/05/12 21:44	
Molybdenum	ND	1.0	NA	1	B2A0140	01/05/2012	01/05/12 21:44	
Nickel	**41**	1.0	NA	1	B2A0140	01/05/2012	01/05/12 21:44	
Selenium	ND	1.0	NA	1	B2A0140	01/05/2012	01/05/12 21:44	
Silver	ND	1.0	NA	1	B2A0140	01/05/2012	01/05/12 21:44	
Thallium	ND	1.0	NA	1	B2A0140	01/05/2012	01/05/12 21:44	
Vanadium	**38**	1.0	NA	1	B2A0140	01/05/2012	01/05/12 21:44	
Zinc	**48**	1.0	NA	1	B2A0140	01/05/2012	01/05/12 21:44	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/06/2012

Client Sample ID G80-0

Lab ID: 1200012-41

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0141	01/05/2012	01/05/12 22:04	
Arsenic	**1.3**	1.0	NA	1	B2A0141	01/05/2012	01/05/12 22:04	
Barium	**79**	1.0	NA	1	B2A0141	01/05/2012	01/05/12 22:04	
Beryllium	ND	1.0	NA	1	B2A0141	01/05/2012	01/05/12 22:03	
Cadmium	**1.4**	1.0	NA	1	B2A0141	01/05/2012	01/05/12 22:04	
Chromium	**25**	1.0	NA	1	B2A0141	01/05/2012	01/05/12 22:04	
Cobalt	**13**	1.0	NA	1	B2A0141	01/05/2012	01/05/12 22:04	
Copper	**53**	2.0	NA	1	B2A0141	01/05/2012	01/05/12 22:04	
Lead	**170**	1.0	NA	1	B2A0141	01/05/2012	01/05/12 22:04	
Molybdenum	ND	1.0	NA	1	B2A0141	01/05/2012	01/05/12 22:04	
Nickel	**37**	1.0	NA	1	B2A0141	01/05/2012	01/05/12 22:04	
Selenium	ND	1.0	NA	1	B2A0141	01/05/2012	01/05/12 22:04	
Silver	ND	1.0	NA	1	B2A0141	01/05/2012	01/05/12 22:04	
Thallium	ND	1.0	NA	1	B2A0141	01/05/2012	01/05/12 22:04	
Vanadium	**82**	1.0	NA	1	B2A0141	01/05/2012	01/05/12 22:04	
Zinc	**130**	1.0	NA	1	B2A0141	01/05/2012	01/05/12 22:04	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/06/2012

Client Sample ID G80-0.5
Lab ID: 1200012-42

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0141	01/05/2012	01/05/12 22:07	
Arsenic	ND	1.0	NA	1	B2A0141	01/05/2012	01/05/12 22:07	
Barium	**9.0**	1.0	NA	1	B2A0141	01/05/2012	01/05/12 22:07	
Beryllium	ND	1.0	NA	1	B2A0141	01/05/2012	01/05/12 22:07	
Cadmium	**1.4**	1.0	NA	1	B2A0141	01/05/2012	01/05/12 22:07	
Chromium	**12**	1.0	NA	1	B2A0141	01/05/2012	01/05/12 22:07	
Cobalt	**17**	1.0	NA	1	B2A0141	01/05/2012	01/05/12 22:07	
Copper	**39**	2.0	NA	1	B2A0141	01/05/2012	01/05/12 22:07	
Lead	**1.6**	1.0	NA	1	B2A0141	01/05/2012	01/05/12 22:07	
Molybdenum	ND	1.0	NA	1	B2A0141	01/05/2012	01/05/12 22:07	
Nickel	**9.3**	1.0	NA	1	B2A0141	01/05/2012	01/05/12 22:07	
Selenium	ND	1.0	NA	1	B2A0141	01/05/2012	01/05/12 22:07	
Silver	ND	1.0	NA	1	B2A0141	01/05/2012	01/05/12 22:07	
Thallium	ND	1.0	NA	1	B2A0141	01/05/2012	01/05/12 22:07	
Vanadium	**130**	1.0	NA	1	B2A0141	01/05/2012	01/05/12 22:07	
Zinc	**49**	1.0	NA	1	B2A0141	01/05/2012	01/05/12 22:07	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/06/2012

Client Sample ID G80-1.5
Lab ID: 1200012-43

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0141	01/05/2012	01/05/12 22:11	
Arsenic	ND	1.0	NA	1	B2A0141	01/05/2012	01/05/12 22:11	
Barium	**11**	1.0	NA	1	B2A0141	01/05/2012	01/05/12 22:11	
Beryllium	ND	1.0	NA	1	B2A0141	01/05/2012	01/05/12 22:10	
Cadmium	**1.2**	1.0	NA	1	B2A0141	01/05/2012	01/05/12 22:11	
Chromium	**8.9**	1.0	NA	1	B2A0141	01/05/2012	01/05/12 22:11	
Cobalt	**15**	1.0	NA	1	B2A0141	01/05/2012	01/05/12 22:11	
Copper	**33**	2.0	NA	1	B2A0141	01/05/2012	01/05/12 22:11	
Lead	ND	1.0	NA	1	B2A0141	01/05/2012	01/05/12 22:11	
Molybdenum	ND	1.0	NA	1	B2A0141	01/05/2012	01/05/12 22:11	
Nickel	**8.3**	1.0	NA	1	B2A0141	01/05/2012	01/05/12 22:11	
Selenium	ND	1.0	NA	1	B2A0141	01/05/2012	01/05/12 22:11	
Silver	ND	1.0	NA	1	B2A0141	01/05/2012	01/05/12 22:11	
Thallium	ND	1.0	NA	1	B2A0141	01/05/2012	01/05/12 22:11	
Vanadium	**130**	1.0	NA	1	B2A0141	01/05/2012	01/05/12 22:11	
Zinc	**47**	1.0	NA	1	B2A0141	01/05/2012	01/05/12 22:11	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/06/2012

Client Sample ID G80-2.5
Lab ID: 1200012-44

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0141	01/05/2012	01/05/12 22:14	
Arsenic	**5.8**	1.0	NA	1	B2A0141	01/05/2012	01/05/12 22:14	
Barium	**140**	1.0	NA	1	B2A0141	01/05/2012	01/05/12 22:14	
Beryllium	ND	1.0	NA	1	B2A0141	01/05/2012	01/05/12 22:14	
Cadmium	ND	1.0	NA	1	B2A0141	01/05/2012	01/05/12 22:14	
Chromium	**32**	1.0	NA	1	B2A0141	01/05/2012	01/05/12 22:14	
Cobalt	**13**	1.0	NA	1	B2A0141	01/05/2012	01/05/12 22:14	
Copper	**38**	2.0	NA	1	B2A0141	01/05/2012	01/05/12 22:14	
Lead	**10**	1.0	NA	1	B2A0141	01/05/2012	01/05/12 22:14	
Molybdenum	ND	1.0	NA	1	B2A0141	01/05/2012	01/05/12 22:14	
Nickel	**36**	1.0	NA	1	B2A0141	01/05/2012	01/05/12 22:14	
Selenium	ND	1.0	NA	1	B2A0141	01/05/2012	01/05/12 22:14	
Silver	ND	1.0	NA	1	B2A0141	01/05/2012	01/05/12 22:14	
Thallium	ND	1.0	NA	1	B2A0141	01/05/2012	01/05/12 22:14	
Vanadium	**47**	1.0	NA	1	B2A0141	01/05/2012	01/05/12 22:14	
Zinc	**50**	1.0	NA	1	B2A0141	01/05/2012	01/05/12 22:14	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/06/2012

Client Sample ID G81-0

Lab ID: 1200012-45

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0141	01/05/2012	01/05/12 22:25	
Arsenic	**1.4**	1.0	NA	1	B2A0141	01/05/2012	01/05/12 22:25	
Barium	**84**	1.0	NA	1	B2A0141	01/05/2012	01/05/12 22:25	
Beryllium	ND	1.0	NA	1	B2A0141	01/05/2012	01/05/12 22:24	
Cadmium	**2.9**	1.0	NA	1	B2A0141	01/05/2012	01/05/12 22:25	
Chromium	**19**	1.0	NA	1	B2A0141	01/05/2012	01/05/12 22:25	
Cobalt	**12**	1.0	NA	1	B2A0141	01/05/2012	01/05/12 22:25	
Copper	**48**	2.0	NA	1	B2A0141	01/05/2012	01/05/12 22:25	
Lead	**58**	1.0	NA	1	B2A0141	01/05/2012	01/05/12 22:25	
Molybdenum	ND	1.0	NA	1	B2A0141	01/05/2012	01/05/12 22:25	
Nickel	**24**	1.0	NA	1	B2A0141	01/05/2012	01/05/12 22:25	
Selenium	ND	1.0	NA	1	B2A0141	01/05/2012	01/05/12 22:25	
Silver	ND	1.0	NA	1	B2A0141	01/05/2012	01/05/12 22:25	
Thallium	ND	1.0	NA	1	B2A0141	01/05/2012	01/05/12 22:25	
Vanadium	**79**	1.0	NA	1	B2A0141	01/05/2012	01/05/12 22:25	
Zinc	**180**	1.0	NA	1	B2A0141	01/05/2012	01/05/12 22:25	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/06/2012

Client Sample ID G81-0.5
Lab ID: 1200012-46

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0141	01/05/2012	01/05/12 22:28	
Arsenic	**6.3**	1.0	NA	1	B2A0141	01/05/2012	01/05/12 22:28	
Barium	**110**	1.0	NA	1	B2A0141	01/05/2012	01/05/12 22:28	
Beryllium	ND	1.0	NA	1	B2A0141	01/05/2012	01/05/12 22:28	
Cadmium	**1.1**	1.0	NA	1	B2A0141	01/05/2012	01/05/12 22:28	
Chromium	**42**	1.0	NA	1	B2A0141	01/05/2012	01/05/12 22:28	
Cobalt	**14**	1.0	NA	1	B2A0141	01/05/2012	01/05/12 22:28	
Copper	**57**	2.0	NA	1	B2A0141	01/05/2012	01/05/12 22:28	
Lead	**6.5**	1.0	NA	1	B2A0141	01/05/2012	01/05/12 22:28	
Molybdenum	ND	1.0	NA	1	B2A0141	01/05/2012	01/05/12 22:28	
Nickel	**54**	1.0	NA	1	B2A0141	01/05/2012	01/05/12 22:28	
Selenium	ND	1.0	NA	1	B2A0141	01/05/2012	01/05/12 22:28	
Silver	ND	1.0	NA	1	B2A0141	01/05/2012	01/05/12 22:28	
Thallium	ND	1.0	NA	1	B2A0141	01/05/2012	01/05/12 22:28	
Vanadium	**41**	1.0	NA	1	B2A0141	01/05/2012	01/05/12 22:28	
Zinc	**71**	1.0	NA	1	B2A0141	01/05/2012	01/05/12 22:28	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/06/2012

Client Sample ID G81-1.5
Lab ID: 1200012-47

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0141	01/05/2012	01/05/12 22:33	
Arsenic	**7.7**	1.0	NA	1	B2A0141	01/05/2012	01/05/12 22:33	
Barium	**130**	1.0	NA	1	B2A0141	01/05/2012	01/05/12 22:33	
Beryllium	ND	1.0	NA	1	B2A0141	01/05/2012	01/05/12 22:32	
Cadmium	ND	1.0	NA	1	B2A0141	01/05/2012	01/05/12 22:33	
Chromium	**44**	1.0	NA	1	B2A0141	01/05/2012	01/05/12 22:33	
Cobalt	**16**	1.0	NA	1	B2A0141	01/05/2012	01/05/12 22:33	
Copper	**38**	2.0	NA	1	B2A0141	01/05/2012	01/05/12 22:33	
Lead	**8.8**	1.0	NA	1	B2A0141	01/05/2012	01/05/12 22:33	
Molybdenum	ND	1.0	NA	1	B2A0141	01/05/2012	01/05/12 22:33	
Nickel	**37**	1.0	NA	1	B2A0141	01/05/2012	01/05/12 22:33	
Selenium	ND	1.0	NA	1	B2A0141	01/05/2012	01/05/12 22:33	
Silver	ND	1.0	NA	1	B2A0141	01/05/2012	01/05/12 22:33	
Thallium	ND	1.0	NA	1	B2A0141	01/05/2012	01/05/12 22:33	
Vanadium	**48**	1.0	NA	1	B2A0141	01/05/2012	01/05/12 22:33	
Zinc	**46**	1.0	NA	1	B2A0141	01/05/2012	01/05/12 22:33	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/06/2012

Client Sample ID G81-2.5
Lab ID: 1200012-48

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0141	01/05/2012	01/05/12 22:36	
Arsenic	**7.2**	1.0	NA	1	B2A0141	01/05/2012	01/05/12 22:36	
Barium	**130**	1.0	NA	1	B2A0141	01/05/2012	01/05/12 22:36	
Beryllium	ND	1.0	NA	1	B2A0141	01/05/2012	01/05/12 22:36	
Cadmium	ND	1.0	NA	1	B2A0141	01/05/2012	01/05/12 22:36	
Chromium	**48**	1.0	NA	1	B2A0141	01/05/2012	01/05/12 22:36	
Cobalt	**10**	1.0	NA	1	B2A0141	01/05/2012	01/05/12 22:36	
Copper	**40**	2.0	NA	1	B2A0141	01/05/2012	01/05/12 22:36	
Lead	**12**	1.0	NA	1	B2A0141	01/05/2012	01/05/12 22:36	
Molybdenum	ND	1.0	NA	1	B2A0141	01/05/2012	01/05/12 22:36	
Nickel	**42**	1.0	NA	1	B2A0141	01/05/2012	01/05/12 22:36	
Selenium	ND	1.0	NA	1	B2A0141	01/05/2012	01/05/12 22:36	
Silver	ND	1.0	NA	1	B2A0141	01/05/2012	01/05/12 22:36	
Thallium	ND	1.0	NA	1	B2A0141	01/05/2012	01/05/12 22:36	
Vanadium	**46**	1.0	NA	1	B2A0141	01/05/2012	01/05/12 22:36	
Zinc	**53**	1.0	NA	1	B2A0141	01/05/2012	01/05/12 22:36	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/06/2012

Client Sample ID G82-0

Lab ID: 1200012-49

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0141	01/05/2012	01/05/12 22:40	
Arsenic	**5.2**	1.0	NA	1	B2A0141	01/05/2012	01/05/12 22:40	
Barium	**110**	1.0	NA	1	B2A0141	01/05/2012	01/05/12 22:40	
Beryllium	ND	1.0	NA	1	B2A0141	01/05/2012	01/05/12 22:39	
Cadmium	ND	1.0	NA	1	B2A0141	01/05/2012	01/05/12 22:40	
Chromium	**36**	1.0	NA	1	B2A0141	01/05/2012	01/05/12 22:40	
Cobalt	**12**	1.0	NA	1	B2A0141	01/05/2012	01/05/12 22:40	
Copper	**45**	2.0	NA	1	B2A0141	01/05/2012	01/05/12 22:40	
Lead	**9.5**	1.0	NA	1	B2A0141	01/05/2012	01/05/12 22:40	
Molybdenum	ND	1.0	NA	1	B2A0141	01/05/2012	01/05/12 22:40	
Nickel	**45**	1.0	NA	1	B2A0141	01/05/2012	01/05/12 22:40	
Selenium	ND	1.0	NA	1	B2A0141	01/05/2012	01/05/12 22:40	
Silver	ND	1.0	NA	1	B2A0141	01/05/2012	01/05/12 22:40	
Thallium	ND	1.0	NA	1	B2A0141	01/05/2012	01/05/12 22:40	
Vanadium	**36**	1.0	NA	1	B2A0141	01/05/2012	01/05/12 22:40	
Zinc	**63**	1.0	NA	1	B2A0141	01/05/2012	01/05/12 22:40	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/06/2012

Client Sample ID G82-0.5
Lab ID: 1200012-50

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0141	01/05/2012	01/05/12 22:43	
Arsenic	**8.2**	1.0	NA	1	B2A0141	01/05/2012	01/05/12 22:43	
Barium	**180**	1.0	NA	1	B2A0141	01/05/2012	01/05/12 22:43	
Beryllium	ND	1.0	NA	1	B2A0141	01/05/2012	01/05/12 22:43	
Cadmium	ND	1.0	NA	1	B2A0141	01/05/2012	01/05/12 22:43	
Chromium	**41**	1.0	NA	1	B2A0141	01/05/2012	01/05/12 22:43	
Cobalt	**18**	1.0	NA	1	B2A0141	01/05/2012	01/05/12 22:43	
Copper	**45**	2.0	NA	1	B2A0141	01/05/2012	01/05/12 22:43	
Lead	**15**	1.0	NA	1	B2A0141	01/05/2012	01/05/12 22:43	
Molybdenum	ND	1.0	NA	1	B2A0141	01/05/2012	01/05/12 22:43	
Nickel	**47**	1.0	NA	1	B2A0141	01/05/2012	01/05/12 22:43	
Selenium	ND	1.0	NA	1	B2A0141	01/05/2012	01/05/12 22:43	
Silver	ND	1.0	NA	1	B2A0141	01/05/2012	01/05/12 22:43	
Thallium	ND	1.0	NA	1	B2A0141	01/05/2012	01/05/12 22:43	
Vanadium	**47**	1.0	NA	1	B2A0141	01/05/2012	01/05/12 22:43	
Zinc	**61**	1.0	NA	1	B2A0141	01/05/2012	01/05/12 22:43	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/06/2012

Client Sample ID G82-1.5
Lab ID: 1200012-51

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0142	01/05/2012	01/06/12 10:38	
Arsenic	**3.6**	1.0	NA	1	B2A0142	01/05/2012	01/06/12 10:38	
Barium	**59**	1.0	NA	1	B2A0142	01/05/2012	01/06/12 10:38	
Beryllium	ND	1.0	NA	1	B2A0142	01/05/2012	01/06/12 10:38	
Cadmium	ND	1.0	NA	1	B2A0142	01/05/2012	01/06/12 10:38	
Chromium	**18**	1.0	NA	1	B2A0142	01/05/2012	01/06/12 10:38	
Cobalt	**6.2**	1.0	NA	1	B2A0142	01/05/2012	01/06/12 10:38	
Copper	**17**	2.0	NA	1	B2A0142	01/05/2012	01/06/12 10:38	
Lead	**15**	1.0	NA	1	B2A0142	01/05/2012	01/06/12 10:38	
Molybdenum	ND	1.0	NA	1	B2A0142	01/05/2012	01/06/12 10:38	
Nickel	**20**	1.0	NA	1	B2A0142	01/05/2012	01/06/12 10:38	
Selenium	ND	1.0	NA	1	B2A0142	01/05/2012	01/06/12 10:38	
Silver	ND	1.0	NA	1	B2A0142	01/05/2012	01/06/12 10:38	
Thallium	ND	1.0	NA	1	B2A0142	01/05/2012	01/06/12 10:38	
Vanadium	**24**	1.0	NA	1	B2A0142	01/05/2012	01/06/12 10:38	
Zinc	**27**	1.0	NA	1	B2A0142	01/05/2012	01/06/12 10:38	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/06/2012

Client Sample ID G82-2.5
Lab ID: 1200012-52

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0142	01/05/2012	01/06/12 10:40	
Arsenic	**8.1**	1.0	NA	1	B2A0142	01/05/2012	01/06/12 10:40	
Barium	**91**	1.0	NA	1	B2A0142	01/05/2012	01/06/12 10:40	
Beryllium	ND	1.0	NA	1	B2A0142	01/05/2012	01/06/12 10:40	
Cadmium	ND	1.0	NA	1	B2A0142	01/05/2012	01/06/12 10:40	
Chromium	**35**	1.0	NA	1	B2A0142	01/05/2012	01/06/12 10:40	
Cobalt	**9.8**	1.0	NA	1	B2A0142	01/05/2012	01/06/12 10:40	
Copper	**29**	2.0	NA	1	B2A0142	01/05/2012	01/06/12 10:40	
Lead	**98**	1.0	NA	1	B2A0142	01/05/2012	01/06/12 10:40	
Molybdenum	ND	1.0	NA	1	B2A0142	01/05/2012	01/06/12 10:40	
Nickel	**40**	1.0	NA	1	B2A0142	01/05/2012	01/06/12 10:40	
Selenium	ND	1.0	NA	1	B2A0142	01/05/2012	01/06/12 10:40	
Silver	ND	1.0	NA	1	B2A0142	01/05/2012	01/06/12 10:40	
Thallium	ND	1.0	NA	1	B2A0142	01/05/2012	01/06/12 10:40	
Vanadium	**33**	1.0	NA	1	B2A0142	01/05/2012	01/06/12 10:40	
Zinc	**55**	1.0	NA	1	B2A0142	01/05/2012	01/06/12 10:40	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/06/2012

Client Sample ID G83-0

Lab ID: 1200012-53

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0142	01/05/2012	01/06/12 10:42	
Arsenic	**1.7**	1.0	NA	1	B2A0142	01/05/2012	01/06/12 10:42	
Barium	**52**	1.0	NA	1	B2A0142	01/05/2012	01/06/12 10:42	
Beryllium	ND	1.0	NA	1	B2A0142	01/05/2012	01/06/12 10:42	
Cadmium	ND	1.0	NA	1	B2A0142	01/05/2012	01/06/12 10:42	
Chromium	**16**	1.0	NA	1	B2A0142	01/05/2012	01/06/12 10:42	
Cobalt	**12**	1.0	NA	1	B2A0142	01/05/2012	01/06/12 10:42	
Copper	**31**	2.0	NA	1	B2A0142	01/05/2012	01/06/12 10:42	
Lead	**36**	1.0	NA	1	B2A0142	01/05/2012	01/06/12 10:42	
Molybdenum	ND	1.0	NA	1	B2A0142	01/05/2012	01/06/12 10:42	
Nickel	**31**	1.0	NA	1	B2A0142	01/05/2012	01/06/12 10:42	
Selenium	ND	1.0	NA	1	B2A0142	01/05/2012	01/06/12 10:42	
Silver	ND	1.0	NA	1	B2A0142	01/05/2012	01/06/12 10:42	
Thallium	ND	1.0	NA	1	B2A0142	01/05/2012	01/06/12 10:42	
Vanadium	**76**	1.0	NA	1	B2A0142	01/05/2012	01/06/12 10:42	
Zinc	**83**	1.0	NA	1	B2A0142	01/05/2012	01/06/12 10:42	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/06/2012

Client Sample ID G83-0.5
Lab ID: 1200012-54

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0142	01/05/2012	01/06/12 10:44	
Arsenic	**6.0**	1.0	NA	1	B2A0142	01/05/2012	01/06/12 10:44	
Barium	**200**	1.0	NA	1	B2A0142	01/05/2012	01/06/12 10:44	
Beryllium	ND	1.0	NA	1	B2A0142	01/05/2012	01/06/12 10:44	
Cadmium	ND	1.0	NA	1	B2A0142	01/05/2012	01/06/12 10:44	
Chromium	**22**	1.0	NA	1	B2A0142	01/05/2012	01/06/12 10:44	
Cobalt	**10**	1.0	NA	1	B2A0142	01/05/2012	01/06/12 10:44	
Copper	**29**	2.0	NA	1	B2A0142	01/05/2012	01/06/12 10:44	
Lead	**18**	1.0	NA	1	B2A0142	01/05/2012	01/06/12 10:44	
Molybdenum	ND	1.0	NA	1	B2A0142	01/05/2012	01/06/12 10:44	
Nickel	**28**	1.0	NA	1	B2A0142	01/05/2012	01/06/12 10:44	
Selenium	ND	1.0	NA	1	B2A0142	01/05/2012	01/06/12 10:44	
Silver	ND	1.0	NA	1	B2A0142	01/05/2012	01/06/12 10:44	
Thallium	ND	1.0	NA	1	B2A0142	01/05/2012	01/06/12 10:44	
Vanadium	**25**	1.0	NA	1	B2A0142	01/05/2012	01/06/12 10:44	
Zinc	**53**	1.0	NA	1	B2A0142	01/05/2012	01/06/12 10:44	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/06/2012

Client Sample ID G83-1.5
Lab ID: 1200012-55

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0142	01/05/2012	01/06/12 10:46	
Arsenic	**6.7**	1.0	NA	1	B2A0142	01/05/2012	01/06/12 10:46	
Barium	**150**	1.0	NA	1	B2A0142	01/05/2012	01/06/12 10:46	
Beryllium	ND	1.0	NA	1	B2A0142	01/05/2012	01/06/12 10:46	
Cadmium	ND	1.0	NA	1	B2A0142	01/05/2012	01/06/12 10:46	
Chromium	**38**	1.0	NA	1	B2A0142	01/05/2012	01/06/12 10:46	
Cobalt	**16**	1.0	NA	1	B2A0142	01/05/2012	01/06/12 10:46	
Copper	**35**	2.0	NA	1	B2A0142	01/05/2012	01/06/12 10:46	
Lead	**26**	1.0	NA	1	B2A0142	01/05/2012	01/06/12 10:46	
Molybdenum	ND	1.0	NA	1	B2A0142	01/05/2012	01/06/12 10:46	
Nickel	**44**	1.0	NA	1	B2A0142	01/05/2012	01/06/12 10:46	
Selenium	ND	1.0	NA	1	B2A0142	01/05/2012	01/06/12 10:46	
Silver	ND	1.0	NA	1	B2A0142	01/05/2012	01/06/12 10:46	
Thallium	ND	1.0	NA	1	B2A0142	01/05/2012	01/06/12 10:46	
Vanadium	**39**	1.0	NA	1	B2A0142	01/05/2012	01/06/12 10:46	
Zinc	**58**	1.0	NA	1	B2A0142	01/05/2012	01/06/12 10:46	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/06/2012

Client Sample ID G83-2.5
Lab ID: 1200012-56

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	40	NA	20	B2A0142	01/05/2012	01/06/12 14:45	D5
Arsenic	ND	20	NA	20	B2A0142	01/05/2012	01/06/12 14:45	D5
Barium	**46**	20	NA	20	B2A0142	01/05/2012	01/06/12 14:45	D5
Beryllium	ND	20	NA	20	B2A0142	01/05/2012	01/06/12 14:45	D5
Cadmium	ND	20	NA	20	B2A0142	01/05/2012	01/06/12 14:45	D5
Chromium	ND	20	NA	20	B2A0142	01/05/2012	01/06/12 14:45	D5
Cobalt	ND	20	NA	20	B2A0142	01/05/2012	01/06/12 14:45	D5
Copper	ND	40	NA	20	B2A0142	01/05/2012	01/06/12 14:45	D5
Lead	**170**	20	NA	20	B2A0142	01/05/2012	01/06/12 14:45	D5
Molybdenum	ND	20	NA	20	B2A0142	01/05/2012	01/06/12 14:45	D5
Nickel	**21**	20	NA	20	B2A0142	01/05/2012	01/06/12 14:45	D5
Selenium	ND	20	NA	20	B2A0142	01/05/2012	01/06/12 14:45	D5
Silver	ND	20	NA	20	B2A0142	01/05/2012	01/06/12 14:45	D5
Thallium	ND	20	NA	20	B2A0142	01/05/2012	01/06/12 14:45	D5
Vanadium	ND	20	NA	20	B2A0142	01/05/2012	01/06/12 14:45	D5
Zinc	**47**	20	NA	20	B2A0142	01/05/2012	01/06/12 14:45	D5

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/06/2012

Client Sample ID G84-0

Lab ID: 1200012-57

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0142	01/05/2012	01/06/12 10:49	
Arsenic	**3.7**	1.0	NA	1	B2A0142	01/05/2012	01/06/12 10:49	
Barium	**86**	1.0	NA	1	B2A0142	01/05/2012	01/06/12 10:49	
Beryllium	ND	1.0	NA	1	B2A0142	01/05/2012	01/06/12 10:49	
Cadmium	ND	1.0	NA	1	B2A0142	01/05/2012	01/06/12 10:49	
Chromium	**24**	1.0	NA	1	B2A0142	01/05/2012	01/06/12 10:49	
Cobalt	**13**	1.0	NA	1	B2A0142	01/05/2012	01/06/12 10:49	
Copper	**53**	2.0	NA	1	B2A0142	01/05/2012	01/06/12 10:49	
Lead	**330**	1.0	NA	1	B2A0142	01/05/2012	01/06/12 10:49	
Molybdenum	ND	1.0	NA	1	B2A0142	01/05/2012	01/06/12 10:49	
Nickel	**35**	1.0	NA	1	B2A0142	01/05/2012	01/06/12 10:49	
Selenium	ND	1.0	NA	1	B2A0142	01/05/2012	01/06/12 10:49	
Silver	ND	1.0	NA	1	B2A0142	01/05/2012	01/06/12 10:49	
Thallium	ND	1.0	NA	1	B2A0142	01/05/2012	01/06/12 10:49	
Vanadium	**71**	1.0	NA	1	B2A0142	01/05/2012	01/06/12 10:49	
Zinc	**130**	1.0	NA	1	B2A0142	01/05/2012	01/06/12 10:49	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/06/2012

Client Sample ID G84-0.5
Lab ID: 1200012-58

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0142	01/05/2012	01/06/12 10:51	
Arsenic	ND	1.0	NA	1	B2A0142	01/05/2012	01/06/12 10:51	
Barium	**11**	1.0	NA	1	B2A0142	01/05/2012	01/06/12 10:51	
Beryllium	ND	1.0	NA	1	B2A0142	01/05/2012	01/06/12 10:51	
Cadmium	ND	1.0	NA	1	B2A0142	01/05/2012	01/06/12 10:51	
Chromium	**12**	1.0	NA	1	B2A0142	01/05/2012	01/06/12 10:51	
Cobalt	**15**	1.0	NA	1	B2A0142	01/05/2012	01/06/12 10:51	
Copper	**38**	2.0	NA	1	B2A0142	01/05/2012	01/06/12 10:51	
Lead	**1.5**	1.0	NA	1	B2A0142	01/05/2012	01/06/12 10:51	
Molybdenum	ND	1.0	NA	1	B2A0142	01/05/2012	01/06/12 10:51	
Nickel	**11**	1.0	NA	1	B2A0142	01/05/2012	01/06/12 10:51	
Selenium	ND	1.0	NA	1	B2A0142	01/05/2012	01/06/12 10:51	
Silver	ND	1.0	NA	1	B2A0142	01/05/2012	01/06/12 10:51	
Thallium	ND	1.0	NA	1	B2A0142	01/05/2012	01/06/12 10:51	
Vanadium	**120**	1.0	NA	1	B2A0142	01/05/2012	01/06/12 10:51	
Zinc	**46**	1.0	NA	1	B2A0142	01/05/2012	01/06/12 10:51	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/06/2012

Client Sample ID G84-1.5
Lab ID: 1200012-59

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0142	01/05/2012	01/06/12 10:58	
Arsenic	ND	1.0	NA	1	B2A0142	01/05/2012	01/06/12 10:58	
Barium	**10**	1.0	NA	1	B2A0142	01/05/2012	01/06/12 10:58	
Beryllium	ND	1.0	NA	1	B2A0142	01/05/2012	01/06/12 10:58	
Cadmium	ND	1.0	NA	1	B2A0142	01/05/2012	01/06/12 10:58	
Chromium	**10**	1.0	NA	1	B2A0142	01/05/2012	01/06/12 10:58	
Cobalt	**17**	1.0	NA	1	B2A0142	01/05/2012	01/06/12 10:58	
Copper	**37**	2.0	NA	1	B2A0142	01/05/2012	01/06/12 10:58	
Lead	ND	1.0	NA	1	B2A0142	01/05/2012	01/06/12 10:58	
Molybdenum	ND	1.0	NA	1	B2A0142	01/05/2012	01/06/12 10:58	
Nickel	**11**	1.0	NA	1	B2A0142	01/05/2012	01/06/12 10:58	
Selenium	ND	1.0	NA	1	B2A0142	01/05/2012	01/06/12 10:58	
Silver	ND	1.0	NA	1	B2A0142	01/05/2012	01/06/12 10:58	
Thallium	ND	1.0	NA	1	B2A0142	01/05/2012	01/06/12 10:58	
Vanadium	**150**	1.0	NA	1	B2A0142	01/05/2012	01/06/12 10:58	
Zinc	**53**	1.0	NA	1	B2A0142	01/05/2012	01/06/12 10:58	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/06/2012

Client Sample ID G84-2.5
Lab ID: 1200012-60

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0142	01/05/2012	01/06/12 11:18	
Arsenic	ND	1.0	NA	1	B2A0142	01/05/2012	01/06/12 11:18	
Barium	**8.6**	1.0	NA	1	B2A0142	01/05/2012	01/06/12 11:18	
Beryllium	ND	1.0	NA	1	B2A0142	01/05/2012	01/06/12 11:18	
Cadmium	ND	1.0	NA	1	B2A0142	01/05/2012	01/06/12 11:18	
Chromium	**8.2**	1.0	NA	1	B2A0142	01/05/2012	01/06/12 11:18	
Cobalt	**17**	1.0	NA	1	B2A0142	01/05/2012	01/06/12 11:18	
Copper	**33**	2.0	NA	1	B2A0142	01/05/2012	01/06/12 11:18	
Lead	ND	1.0	NA	1	B2A0142	01/05/2012	01/06/12 11:18	
Molybdenum	ND	1.0	NA	1	B2A0142	01/05/2012	01/06/12 11:18	
Nickel	**10**	1.0	NA	1	B2A0142	01/05/2012	01/06/12 11:18	
Selenium	ND	1.0	NA	1	B2A0142	01/05/2012	01/06/12 11:18	
Silver	ND	1.0	NA	1	B2A0142	01/05/2012	01/06/12 11:18	
Thallium	ND	1.0	NA	1	B2A0142	01/05/2012	01/06/12 11:18	
Vanadium	**140**	1.0	NA	1	B2A0142	01/05/2012	01/06/12 11:18	
Zinc	**47**	1.0	NA	1	B2A0142	01/05/2012	01/06/12 11:18	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/06/2012

Client Sample ID G85-0

Lab ID: 1200012-61

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	800	NA	400	B2A0143	01/05/2012	01/06/12 15:09	D5
Arsenic	ND	400	NA	400	B2A0143	01/05/2012	01/06/12 15:09	D5
Barium	ND	400	NA	400	B2A0143	01/05/2012	01/06/12 15:09	D5
Beryllium	ND	400	NA	400	B2A0143	01/05/2012	01/06/12 15:09	D5
Cadmium	ND	400	NA	400	B2A0143	01/05/2012	01/06/12 15:09	D5
Chromium	ND	400	NA	400	B2A0143	01/05/2012	01/06/12 15:09	D5
Cobalt	ND	400	NA	400	B2A0143	01/05/2012	01/06/12 15:09	D5
Copper	ND	800	NA	400	B2A0143	01/05/2012	01/06/12 15:09	D5
Lead	ND	400	NA	400	B2A0143	01/05/2012	01/06/12 15:09	D5
Molybdenum	ND	400	NA	400	B2A0143	01/05/2012	01/06/12 15:09	D5
Nickel	ND	400	NA	400	B2A0143	01/05/2012	01/06/12 15:09	D5
Selenium	ND	400	NA	400	B2A0143	01/05/2012	01/06/12 15:09	D5
Silver	ND	400	NA	400	B2A0143	01/05/2012	01/06/12 15:09	D5
Thallium	ND	400	NA	400	B2A0143	01/05/2012	01/06/12 15:09	D5
Vanadium	ND	400	NA	400	B2A0143	01/05/2012	01/06/12 15:09	D5
Zinc	ND	400	NA	400	B2A0143	01/05/2012	01/06/12 15:09	D5

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/06/2012

Client Sample ID G85-0.5
Lab ID: 1200012-62

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0143	01/05/2012	01/06/12 11:31	
Arsenic	**7.3**	1.0	NA	1	B2A0143	01/05/2012	01/06/12 11:31	
Barium	**120**	1.0	NA	1	B2A0143	01/05/2012	01/06/12 11:31	
Beryllium	ND	1.0	NA	1	B2A0143	01/05/2012	01/06/12 11:31	
Cadmium	ND	1.0	NA	1	B2A0143	01/05/2012	01/06/12 11:31	
Chromium	**31**	1.0	NA	1	B2A0143	01/05/2012	01/06/12 11:31	
Cobalt	**15**	1.0	NA	1	B2A0143	01/05/2012	01/06/12 11:31	
Copper	**33**	2.0	NA	1	B2A0143	01/05/2012	01/06/12 11:31	
Lead	**25**	1.0	NA	1	B2A0143	01/05/2012	01/06/12 11:31	
Molybdenum	ND	1.0	NA	1	B2A0143	01/05/2012	01/06/12 11:31	
Nickel	**34**	1.0	NA	1	B2A0143	01/05/2012	01/06/12 11:31	
Selenium	ND	1.0	NA	1	B2A0143	01/05/2012	01/06/12 11:31	
Silver	ND	1.0	NA	1	B2A0143	01/05/2012	01/06/12 11:31	
Thallium	ND	1.0	NA	1	B2A0143	01/05/2012	01/06/12 11:31	
Vanadium	**37**	1.0	NA	1	B2A0143	01/05/2012	01/06/12 11:31	
Zinc	**56**	1.0	NA	1	B2A0143	01/05/2012	01/06/12 11:31	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/06/2012

Client Sample ID G85-1.5
Lab ID: 1200012-63

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0143	01/05/2012	01/06/12 11:32	
Arsenic	**6.9**	1.0	NA	1	B2A0143	01/05/2012	01/06/12 11:32	
Barium	**170**	1.0	NA	1	B2A0143	01/05/2012	01/06/12 11:32	
Beryllium	ND	1.0	NA	1	B2A0143	01/05/2012	01/06/12 11:32	
Cadmium	ND	1.0	NA	1	B2A0143	01/05/2012	01/06/12 11:32	
Chromium	**40**	1.0	NA	1	B2A0143	01/05/2012	01/06/12 11:32	
Cobalt	**18**	1.0	NA	1	B2A0143	01/05/2012	01/06/12 11:32	
Copper	**49**	2.0	NA	1	B2A0143	01/05/2012	01/06/12 11:32	
Lead	**10**	1.0	NA	1	B2A0143	01/05/2012	01/06/12 11:32	
Molybdenum	ND	1.0	NA	1	B2A0143	01/05/2012	01/06/12 11:32	
Nickel	**53**	1.0	NA	1	B2A0143	01/05/2012	01/06/12 11:32	
Selenium	ND	1.0	NA	1	B2A0143	01/05/2012	01/06/12 11:32	
Silver	ND	1.0	NA	1	B2A0143	01/05/2012	01/06/12 11:32	
Thallium	ND	1.0	NA	1	B2A0143	01/05/2012	01/06/12 11:32	
Vanadium	**42**	1.0	NA	1	B2A0143	01/05/2012	01/06/12 11:32	
Zinc	**65**	1.0	NA	1	B2A0143	01/05/2012	01/06/12 11:32	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/06/2012

Client Sample ID G85-2.5
Lab ID: 1200012-64

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	200	NA	100	B2A0143	01/05/2012	01/06/12 15:02	D5
Arsenic	ND	100	NA	100	B2A0143	01/05/2012	01/06/12 15:02	D5
Barium	ND	100	NA	100	B2A0143	01/05/2012	01/06/12 15:02	D5
Beryllium	ND	100	NA	100	B2A0143	01/05/2012	01/06/12 15:02	D5
Cadmium	ND	100	NA	100	B2A0143	01/05/2012	01/06/12 15:02	D5
Chromium	ND	100	NA	100	B2A0143	01/05/2012	01/06/12 15:02	D5
Cobalt	ND	100	NA	100	B2A0143	01/05/2012	01/06/12 15:02	D5
Copper	ND	200	NA	100	B2A0143	01/05/2012	01/06/12 15:02	D5
Lead	ND	100	NA	100	B2A0143	01/05/2012	01/06/12 15:02	D5
Molybdenum	ND	100	NA	100	B2A0143	01/05/2012	01/06/12 15:02	D5
Nickel	ND	100	NA	100	B2A0143	01/05/2012	01/06/12 15:02	D5
Selenium	ND	100	NA	100	B2A0143	01/05/2012	01/06/12 15:02	D5
Silver	ND	100	NA	100	B2A0143	01/05/2012	01/06/12 15:02	D5
Thallium	ND	100	NA	100	B2A0143	01/05/2012	01/06/12 15:02	D5
Vanadium	ND	100	NA	100	B2A0143	01/05/2012	01/06/12 15:02	D5
Zinc	ND	100	NA	100	B2A0143	01/05/2012	01/06/12 15:02	D5

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/06/2012

Client Sample ID G86-0

Lab ID: 1200012-65

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0143	01/05/2012	01/06/12 11:39	
Arsenic	**8.6**	1.0	NA	1	B2A0143	01/05/2012	01/06/12 11:39	
Barium	**140**	1.0	NA	1	B2A0143	01/05/2012	01/06/12 11:39	
Beryllium	ND	1.0	NA	1	B2A0143	01/05/2012	01/06/12 11:39	
Cadmium	ND	1.0	NA	1	B2A0143	01/05/2012	01/06/12 11:39	
Chromium	**45**	1.0	NA	1	B2A0143	01/05/2012	01/06/12 11:39	
Cobalt	**12**	1.0	NA	1	B2A0143	01/05/2012	01/06/12 11:39	
Copper	**39**	2.0	NA	1	B2A0143	01/05/2012	01/06/12 11:39	
Lead	**16**	1.0	NA	1	B2A0143	01/05/2012	01/06/12 11:39	
Molybdenum	ND	1.0	NA	1	B2A0143	01/05/2012	01/06/12 11:39	
Nickel	**50**	1.0	NA	1	B2A0143	01/05/2012	01/06/12 11:39	
Selenium	ND	1.0	NA	1	B2A0143	01/05/2012	01/06/12 11:39	
Silver	ND	1.0	NA	1	B2A0143	01/05/2012	01/06/12 11:39	
Thallium	ND	1.0	NA	1	B2A0143	01/05/2012	01/06/12 11:39	
Vanadium	**48**	1.0	NA	1	B2A0143	01/05/2012	01/06/12 11:39	
Zinc	**56**	1.0	NA	1	B2A0143	01/05/2012	01/06/12 11:39	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/06/2012

Client Sample ID G86-0.5
Lab ID: 1200012-66

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0143	01/05/2012	01/06/12 11:41	
Arsenic	**8.6**	1.0	NA	1	B2A0143	01/05/2012	01/06/12 11:41	
Barium	**160**	1.0	NA	1	B2A0143	01/05/2012	01/06/12 11:41	
Beryllium	ND	1.0	NA	1	B2A0143	01/05/2012	01/06/12 11:41	
Cadmium	ND	1.0	NA	1	B2A0143	01/05/2012	01/06/12 11:41	
Chromium	**42**	1.0	NA	1	B2A0143	01/05/2012	01/06/12 11:41	
Cobalt	**16**	1.0	NA	1	B2A0143	01/05/2012	01/06/12 11:41	
Copper	**36**	2.0	NA	1	B2A0143	01/05/2012	01/06/12 11:41	
Lead	**8.5**	1.0	NA	1	B2A0143	01/05/2012	01/06/12 11:41	
Molybdenum	ND	1.0	NA	1	B2A0143	01/05/2012	01/06/12 11:41	
Nickel	**44**	1.0	NA	1	B2A0143	01/05/2012	01/06/12 11:41	
Selenium	ND	1.0	NA	1	B2A0143	01/05/2012	01/06/12 11:41	
Silver	ND	1.0	NA	1	B2A0143	01/05/2012	01/06/12 11:41	
Thallium	ND	1.0	NA	1	B2A0143	01/05/2012	01/06/12 11:41	
Vanadium	**47**	1.0	NA	1	B2A0143	01/05/2012	01/06/12 11:41	
Zinc	**51**	1.0	NA	1	B2A0143	01/05/2012	01/06/12 11:41	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/06/2012

Client Sample ID G86-1.5
Lab ID: 1200012-67

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0143	01/05/2012	01/06/12 11:42	
Arsenic	**2.8**	1.0	NA	1	B2A0143	01/05/2012	01/06/12 11:42	
Barium	**120**	1.0	NA	1	B2A0143	01/05/2012	01/06/12 11:42	
Beryllium	ND	1.0	NA	1	B2A0143	01/05/2012	01/06/12 11:42	
Cadmium	ND	1.0	NA	1	B2A0143	01/05/2012	01/06/12 11:42	
Chromium	**27**	1.0	NA	1	B2A0143	01/05/2012	01/06/12 11:42	
Cobalt	**11**	1.0	NA	1	B2A0143	01/05/2012	01/06/12 11:42	
Copper	**18**	2.0	NA	1	B2A0143	01/05/2012	01/06/12 11:42	
Lead	**40**	1.0	NA	1	B2A0143	01/05/2012	01/06/12 11:42	
Molybdenum	ND	1.0	NA	1	B2A0143	01/05/2012	01/06/12 11:42	
Nickel	**52**	1.0	NA	1	B2A0143	01/05/2012	01/06/12 11:42	
Selenium	ND	1.0	NA	1	B2A0143	01/05/2012	01/06/12 11:42	
Silver	ND	1.0	NA	1	B2A0143	01/05/2012	01/06/12 11:42	
Thallium	ND	1.0	NA	1	B2A0143	01/05/2012	01/06/12 11:42	
Vanadium	**21**	1.0	NA	1	B2A0143	01/05/2012	01/06/12 11:42	
Zinc	**31**	1.0	NA	1	B2A0143	01/05/2012	01/06/12 11:42	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/06/2012

Client Sample ID G86-2.5
Lab ID: 1200012-68

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	20	NA	10	B2A0143	01/05/2012	01/06/12 13:27	D5
Arsenic	ND	10	NA	10	B2A0143	01/05/2012	01/06/12 13:27	D5
Barium	**32**	10	NA	10	B2A0143	01/05/2012	01/06/12 13:27	D5
Beryllium	ND	10	NA	10	B2A0143	01/05/2012	01/06/12 13:26	D5
Cadmium	ND	10	NA	10	B2A0143	01/05/2012	01/06/12 13:27	D5
Chromium	**23**	10	NA	10	B2A0143	01/05/2012	01/06/12 13:27	D5
Cobalt	ND	10	NA	10	B2A0143	01/05/2012	01/06/12 13:27	D5
Copper	ND	20	NA	10	B2A0143	01/05/2012	01/06/12 13:27	D5
Lead	**16**	10	NA	10	B2A0143	01/05/2012	01/06/12 13:27	D5
Molybdenum	ND	10	NA	10	B2A0143	01/05/2012	01/06/12 13:27	D5
Nickel	**31**	10	NA	10	B2A0143	01/05/2012	01/06/12 13:27	D5
Selenium	ND	10	NA	10	B2A0143	01/05/2012	01/06/12 13:27	D5
Silver	ND	10	NA	10	B2A0143	01/05/2012	01/06/12 13:27	D5
Thallium	ND	10	NA	10	B2A0143	01/05/2012	01/06/12 13:27	D5
Vanadium	**23**	10	NA	10	B2A0143	01/05/2012	01/06/12 13:27	D5
Zinc	**41**	10	NA	10	B2A0143	01/05/2012	01/06/12 13:27	D5

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/06/2012

Client Sample ID G87-0

Lab ID: 1200012-69

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0143	01/05/2012	01/06/12 11:47	
Arsenic	**7.4**	1.0	NA	1	B2A0143	01/05/2012	01/06/12 11:47	
Barium	**130**	1.0	NA	1	B2A0143	01/05/2012	01/06/12 11:47	
Beryllium	ND	1.0	NA	1	B2A0143	01/05/2012	01/06/12 11:47	
Cadmium	ND	1.0	NA	1	B2A0143	01/05/2012	01/06/12 11:47	
Chromium	**38**	1.0	NA	1	B2A0143	01/05/2012	01/06/12 11:47	
Cobalt	**12**	1.0	NA	1	B2A0143	01/05/2012	01/06/12 11:47	
Copper	**35**	2.0	NA	1	B2A0143	01/05/2012	01/06/12 11:47	
Lead	**14**	1.0	NA	1	B2A0143	01/05/2012	01/06/12 11:47	
Molybdenum	ND	1.0	NA	1	B2A0143	01/05/2012	01/06/12 11:47	
Nickel	**41**	1.0	NA	1	B2A0143	01/05/2012	01/06/12 11:47	
Selenium	ND	1.0	NA	1	B2A0143	01/05/2012	01/06/12 11:47	
Silver	ND	1.0	NA	1	B2A0143	01/05/2012	01/06/12 11:47	
Thallium	ND	1.0	NA	1	B2A0143	01/05/2012	01/06/12 11:47	
Vanadium	**41**	1.0	NA	1	B2A0143	01/05/2012	01/06/12 11:47	
Zinc	**51**	1.0	NA	1	B2A0143	01/05/2012	01/06/12 11:47	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/06/2012

Client Sample ID G87-0.5
Lab ID: 1200012-70

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0143	01/05/2012	01/06/12 11:48	
Arsenic	**6.2**	1.0	NA	1	B2A0143	01/05/2012	01/06/12 11:48	
Barium	**110**	1.0	NA	1	B2A0143	01/05/2012	01/06/12 11:48	
Beryllium	ND	1.0	NA	1	B2A0143	01/05/2012	01/06/12 11:48	
Cadmium	ND	1.0	NA	1	B2A0143	01/05/2012	01/06/12 11:48	
Chromium	**29**	1.0	NA	1	B2A0143	01/05/2012	01/06/12 11:48	
Cobalt	**12**	1.0	NA	1	B2A0143	01/05/2012	01/06/12 11:48	
Copper	**32**	2.0	NA	1	B2A0143	01/05/2012	01/06/12 11:48	
Lead	**38**	1.0	NA	1	B2A0143	01/05/2012	01/06/12 11:48	
Molybdenum	ND	1.0	NA	1	B2A0143	01/05/2012	01/06/12 11:48	
Nickel	**36**	1.0	NA	1	B2A0143	01/05/2012	01/06/12 11:48	
Selenium	ND	1.0	NA	1	B2A0143	01/05/2012	01/06/12 11:48	
Silver	ND	1.0	NA	1	B2A0143	01/05/2012	01/06/12 11:48	
Thallium	ND	1.0	NA	1	B2A0143	01/05/2012	01/06/12 11:48	
Vanadium	**34**	1.0	NA	1	B2A0143	01/05/2012	01/06/12 11:48	
Zinc	**54**	1.0	NA	1	B2A0143	01/05/2012	01/06/12 11:48	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/06/2012

Client Sample ID G87-1.5
Lab ID: 1200012-71

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0144	01/05/2012	01/06/12 12:04	
Arsenic	**5.7**	1.0	NA	1	B2A0144	01/05/2012	01/06/12 12:04	
Barium	**140**	1.0	NA	1	B2A0144	01/05/2012	01/06/12 12:04	
Beryllium	ND	1.0	NA	1	B2A0144	01/05/2012	01/06/12 12:04	
Cadmium	ND	1.0	NA	1	B2A0144	01/05/2012	01/06/12 12:04	
Chromium	**30**	1.0	NA	1	B2A0144	01/05/2012	01/06/12 12:04	
Cobalt	**12**	1.0	NA	1	B2A0144	01/05/2012	01/06/12 12:04	
Copper	**29**	2.0	NA	1	B2A0144	01/05/2012	01/06/12 12:04	
Lead	**37**	1.0	NA	1	B2A0144	01/05/2012	01/06/12 12:04	
Molybdenum	ND	1.0	NA	1	B2A0144	01/05/2012	01/06/12 12:04	
Nickel	**37**	1.0	NA	1	B2A0144	01/05/2012	01/06/12 12:04	
Selenium	ND	1.0	NA	1	B2A0144	01/05/2012	01/06/12 12:04	
Silver	ND	1.0	NA	1	B2A0144	01/05/2012	01/06/12 12:04	
Thallium	ND	1.0	NA	1	B2A0144	01/05/2012	01/06/12 12:04	
Vanadium	**31**	1.0	NA	1	B2A0144	01/05/2012	01/06/12 12:04	
Zinc	**47**	1.0	NA	1	B2A0144	01/05/2012	01/06/12 12:04	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/06/2012

Client Sample ID G87-2.5
Lab ID: 1200012-72

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0144	01/05/2012	01/06/12 12:06	
Arsenic	**3.7**	1.0	NA	1	B2A0144	01/05/2012	01/06/12 12:06	
Barium	**89**	1.0	NA	1	B2A0144	01/05/2012	01/06/12 12:06	
Beryllium	ND	1.0	NA	1	B2A0144	01/05/2012	01/06/12 12:06	
Cadmium	ND	1.0	NA	1	B2A0144	01/05/2012	01/06/12 12:06	
Chromium	**24**	1.0	NA	1	B2A0144	01/05/2012	01/06/12 12:06	
Cobalt	**8.0**	1.0	NA	1	B2A0144	01/05/2012	01/06/12 12:06	
Copper	**26**	2.0	NA	1	B2A0144	01/05/2012	01/06/12 12:06	
Lead	**26**	1.0	NA	1	B2A0144	01/05/2012	01/06/12 12:06	
Molybdenum	ND	1.0	NA	1	B2A0144	01/05/2012	01/06/12 12:06	
Nickel	**28**	1.0	NA	1	B2A0144	01/05/2012	01/06/12 12:06	
Selenium	ND	1.0	NA	1	B2A0144	01/05/2012	01/06/12 12:06	
Silver	ND	1.0	NA	1	B2A0144	01/05/2012	01/06/12 12:06	
Thallium	ND	1.0	NA	1	B2A0144	01/05/2012	01/06/12 12:06	
Vanadium	**25**	1.0	NA	1	B2A0144	01/05/2012	01/06/12 12:06	
Zinc	**44**	1.0	NA	1	B2A0144	01/05/2012	01/06/12 12:06	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/06/2012

Client Sample ID G88-0

Lab ID: 1200012-73

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0144	01/05/2012	01/06/12 12:08	
Arsenic	ND	1.0	NA	1	B2A0144	01/05/2012	01/06/12 12:08	
Barium	**61**	1.0	NA	1	B2A0144	01/05/2012	01/06/12 12:08	
Beryllium	ND	1.0	NA	1	B2A0144	01/05/2012	01/06/12 12:08	
Cadmium	ND	1.0	NA	1	B2A0144	01/05/2012	01/06/12 12:08	
Chromium	**17**	1.0	NA	1	B2A0144	01/05/2012	01/06/12 12:08	
Cobalt	**13**	1.0	NA	1	B2A0144	01/05/2012	01/06/12 12:08	
Copper	**43**	2.0	NA	1	B2A0144	01/05/2012	01/06/12 12:08	
Lead	**98**	1.0	NA	1	B2A0144	01/05/2012	01/06/12 12:08	
Molybdenum	ND	1.0	NA	1	B2A0144	01/05/2012	01/06/12 12:08	
Nickel	**22**	1.0	NA	1	B2A0144	01/05/2012	01/06/12 12:08	
Selenium	ND	1.0	NA	1	B2A0144	01/05/2012	01/06/12 12:08	
Silver	ND	1.0	NA	1	B2A0144	01/05/2012	01/06/12 12:08	
Thallium	ND	1.0	NA	1	B2A0144	01/05/2012	01/06/12 12:08	
Vanadium	**85**	1.0	NA	1	B2A0144	01/05/2012	01/06/12 12:08	
Zinc	**130**	1.0	NA	1	B2A0144	01/05/2012	01/06/12 12:08	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/06/2012

Client Sample ID G88-0.5
Lab ID: 1200012-74

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0144	01/05/2012	01/06/12 12:09	
Arsenic	ND	1.0	NA	1	B2A0144	01/05/2012	01/06/12 12:09	
Barium	**8.1**	1.0	NA	1	B2A0144	01/05/2012	01/06/12 12:09	
Beryllium	ND	1.0	NA	1	B2A0144	01/05/2012	01/06/12 12:09	
Cadmium	ND	1.0	NA	1	B2A0144	01/05/2012	01/06/12 12:09	
Chromium	**10**	1.0	NA	1	B2A0144	01/05/2012	01/06/12 12:09	
Cobalt	**14**	1.0	NA	1	B2A0144	01/05/2012	01/06/12 12:09	
Copper	**28**	2.0	NA	1	B2A0144	01/05/2012	01/06/12 12:09	
Lead	**2.6**	1.0	NA	1	B2A0144	01/05/2012	01/06/12 12:09	
Molybdenum	ND	1.0	NA	1	B2A0144	01/05/2012	01/06/12 12:09	
Nickel	**9.5**	1.0	NA	1	B2A0144	01/05/2012	01/06/12 12:09	
Selenium	ND	1.0	NA	1	B2A0144	01/05/2012	01/06/12 12:09	
Silver	ND	1.0	NA	1	B2A0144	01/05/2012	01/06/12 12:09	
Thallium	ND	1.0	NA	1	B2A0144	01/05/2012	01/06/12 12:09	
Vanadium	**120**	1.0	NA	1	B2A0144	01/05/2012	01/06/12 12:09	
Zinc	**42**	1.0	NA	1	B2A0144	01/05/2012	01/06/12 12:09	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/06/2012

Client Sample ID G88-1.5
Lab ID: 1200012-75

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0144	01/05/2012	01/06/12 12:11	
Arsenic	ND	1.0	NA	1	B2A0144	01/05/2012	01/06/12 12:11	
Barium	**10**	1.0	NA	1	B2A0144	01/05/2012	01/06/12 12:11	
Beryllium	ND	1.0	NA	1	B2A0144	01/05/2012	01/06/12 12:11	
Cadmium	ND	1.0	NA	1	B2A0144	01/05/2012	01/06/12 12:11	
Chromium	**7.9**	1.0	NA	1	B2A0144	01/05/2012	01/06/12 12:11	
Cobalt	**16**	1.0	NA	1	B2A0144	01/05/2012	01/06/12 12:11	
Copper	**28**	2.0	NA	1	B2A0144	01/05/2012	01/06/12 12:11	
Lead	ND	1.0	NA	1	B2A0144	01/05/2012	01/06/12 12:11	
Molybdenum	ND	1.0	NA	1	B2A0144	01/05/2012	01/06/12 12:11	
Nickel	**10**	1.0	NA	1	B2A0144	01/05/2012	01/06/12 12:11	
Selenium	ND	1.0	NA	1	B2A0144	01/05/2012	01/06/12 12:11	
Silver	ND	1.0	NA	1	B2A0144	01/05/2012	01/06/12 12:11	
Thallium	ND	1.0	NA	1	B2A0144	01/05/2012	01/06/12 12:11	
Vanadium	**120**	1.0	NA	1	B2A0144	01/05/2012	01/06/12 12:11	
Zinc	**46**	1.0	NA	1	B2A0144	01/05/2012	01/06/12 12:11	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/06/2012

Client Sample ID G88-2.5
Lab ID: 1200012-76

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0144	01/05/2012	01/06/12 12:12	
Arsenic	ND	1.0	NA	1	B2A0144	01/05/2012	01/06/12 12:12	
Barium	**14**	1.0	NA	1	B2A0144	01/05/2012	01/06/12 12:12	
Beryllium	ND	1.0	NA	1	B2A0144	01/05/2012	01/06/12 12:12	
Cadmium	ND	1.0	NA	1	B2A0144	01/05/2012	01/06/12 12:12	
Chromium	**8.8**	1.0	NA	1	B2A0144	01/05/2012	01/06/12 12:12	
Cobalt	**17**	1.0	NA	1	B2A0144	01/05/2012	01/06/12 12:12	
Copper	**35**	2.0	NA	1	B2A0144	01/05/2012	01/06/12 12:12	
Lead	ND	1.0	NA	1	B2A0144	01/05/2012	01/06/12 12:12	
Molybdenum	ND	1.0	NA	1	B2A0144	01/05/2012	01/06/12 12:12	
Nickel	**10**	1.0	NA	1	B2A0144	01/05/2012	01/06/12 12:12	
Selenium	ND	1.0	NA	1	B2A0144	01/05/2012	01/06/12 12:12	
Silver	ND	1.0	NA	1	B2A0144	01/05/2012	01/06/12 12:12	
Thallium	ND	1.0	NA	1	B2A0144	01/05/2012	01/06/12 12:12	
Vanadium	**130**	1.0	NA	1	B2A0144	01/05/2012	01/06/12 12:12	
Zinc	**48**	1.0	NA	1	B2A0144	01/05/2012	01/06/12 12:12	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/06/2012

Client Sample ID G89-0

Lab ID: 1200012-77

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0144	01/05/2012	01/06/12 12:14	
Arsenic	ND	1.0	NA	1	B2A0144	01/05/2012	01/06/12 12:14	
Barium	**25**	1.0	NA	1	B2A0144	01/05/2012	01/06/12 12:14	
Beryllium	ND	1.0	NA	1	B2A0144	01/05/2012	01/06/12 12:14	
Cadmium	ND	1.0	NA	1	B2A0144	01/05/2012	01/06/12 12:14	
Chromium	**16**	1.0	NA	1	B2A0144	01/05/2012	01/06/12 12:14	
Cobalt	**17**	1.0	NA	1	B2A0144	01/05/2012	01/06/12 12:14	
Copper	**46**	2.0	NA	1	B2A0144	01/05/2012	01/06/12 12:14	
Lead	**17**	1.0	NA	1	B2A0144	01/05/2012	01/06/12 12:14	
Molybdenum	ND	1.0	NA	1	B2A0144	01/05/2012	01/06/12 12:14	
Nickel	**14**	1.0	NA	1	B2A0144	01/05/2012	01/06/12 12:14	
Selenium	ND	1.0	NA	1	B2A0144	01/05/2012	01/06/12 12:14	
Silver	ND	1.0	NA	1	B2A0144	01/05/2012	01/06/12 12:14	
Thallium	ND	1.0	NA	1	B2A0144	01/05/2012	01/06/12 12:14	
Vanadium	**110**	1.0	NA	1	B2A0144	01/05/2012	01/06/12 12:14	
Zinc	**52**	1.0	NA	1	B2A0144	01/05/2012	01/06/12 12:14	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/06/2012

Client Sample ID G89-0.5
Lab ID: 1200012-78

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0144	01/05/2012	01/06/12 12:16	D5
Arsenic	ND	1.0	NA	1	B2A0144	01/05/2012	01/06/12 12:16	D5
Barium	**21**	1.0	NA	1	B2A0144	01/05/2012	01/06/12 12:16	D5
Beryllium	ND	1.0	NA	1	B2A0144	01/05/2012	01/06/12 12:16	D5
Cadmium	ND	1.0	NA	1	B2A0144	01/05/2012	01/06/12 12:16	D5
Chromium	**8.8**	1.0	NA	1	B2A0144	01/05/2012	01/06/12 12:16	D5
Cobalt	**15**	1.0	NA	1	B2A0144	01/05/2012	01/06/12 12:16	D5
Copper	**35**	2.0	NA	1	B2A0144	01/05/2012	01/06/12 12:16	D5
Lead	**3.0**	1.0	NA	1	B2A0144	01/05/2012	01/06/12 12:16	D5
Molybdenum	ND	1.0	NA	1	B2A0144	01/05/2012	01/06/12 12:16	D5
Nickel	**11**	1.0	NA	1	B2A0144	01/05/2012	01/06/12 12:16	D5
Selenium	ND	1.0	NA	1	B2A0144	01/05/2012	01/06/12 12:16	D5
Silver	ND	1.0	NA	1	B2A0144	01/05/2012	01/06/12 12:16	D5
Thallium	ND	1.0	NA	1	B2A0144	01/05/2012	01/06/12 12:16	D5
Vanadium	**130**	1.0	NA	1	B2A0144	01/05/2012	01/06/12 12:16	D5
Zinc	**45**	1.0	NA	1	B2A0144	01/05/2012	01/06/12 12:16	D5

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/06/2012

Client Sample ID G89-1.5
Lab ID: 1200012-79

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0144	01/05/2012	01/06/12 12:21	
Arsenic	**6.2**	1.0	NA	1	B2A0144	01/05/2012	01/06/12 12:21	
Barium	**130**	1.0	NA	1	B2A0144	01/05/2012	01/06/12 12:21	
Beryllium	ND	1.0	NA	1	B2A0144	01/05/2012	01/06/12 12:21	
Cadmium	ND	1.0	NA	1	B2A0144	01/05/2012	01/06/12 12:21	
Chromium	**31**	1.0	NA	1	B2A0144	01/05/2012	01/06/12 12:21	
Cobalt	**24**	1.0	NA	1	B2A0144	01/05/2012	01/06/12 12:21	
Copper	**40**	2.0	NA	1	B2A0144	01/05/2012	01/06/12 12:21	
Lead	**28**	1.0	NA	1	B2A0144	01/05/2012	01/06/12 12:21	
Molybdenum	ND	1.0	NA	1	B2A0144	01/05/2012	01/06/12 12:21	
Nickel	**51**	1.0	NA	1	B2A0144	01/05/2012	01/06/12 12:21	
Selenium	ND	1.0	NA	1	B2A0144	01/05/2012	01/06/12 12:21	
Silver	ND	1.0	NA	1	B2A0144	01/05/2012	01/06/12 12:21	
Thallium	ND	1.0	NA	1	B2A0144	01/05/2012	01/06/12 12:21	
Vanadium	**35**	1.0	NA	1	B2A0144	01/05/2012	01/06/12 12:21	
Zinc	**59**	1.0	NA	1	B2A0144	01/05/2012	01/06/12 12:21	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/06/2012

Client Sample ID G89-2.5
Lab ID: 1200012-80

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0144	01/05/2012	01/06/12 12:23	
Arsenic	**4.4**	1.0	NA	1	B2A0144	01/05/2012	01/06/12 12:23	
Barium	**89**	1.0	NA	1	B2A0144	01/05/2012	01/06/12 12:23	
Beryllium	ND	1.0	NA	1	B2A0144	01/05/2012	01/06/12 12:23	
Cadmium	ND	1.0	NA	1	B2A0144	01/05/2012	01/06/12 12:23	
Chromium	**21**	1.0	NA	1	B2A0144	01/05/2012	01/06/12 12:23	
Cobalt	**9.9**	1.0	NA	1	B2A0144	01/05/2012	01/06/12 12:23	
Copper	**20**	2.0	NA	1	B2A0144	01/05/2012	01/06/12 12:23	
Lead	**26**	1.0	NA	1	B2A0144	01/05/2012	01/06/12 12:23	
Molybdenum	ND	1.0	NA	1	B2A0144	01/05/2012	01/06/12 12:23	
Nickel	**28**	1.0	NA	1	B2A0144	01/05/2012	01/06/12 12:23	
Selenium	ND	1.0	NA	1	B2A0144	01/05/2012	01/06/12 12:23	
Silver	ND	1.0	NA	1	B2A0144	01/05/2012	01/06/12 12:23	
Thallium	ND	1.0	NA	1	B2A0144	01/05/2012	01/06/12 12:23	
Vanadium	**25**	1.0	NA	1	B2A0144	01/05/2012	01/06/12 12:23	
Zinc	**34**	1.0	NA	1	B2A0144	01/05/2012	01/06/12 12:23	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/06/2012

Client Sample ID G90-0

Lab ID: 1200012-81

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0145	01/05/2012	01/06/12 12:34	
Arsenic	**7.3**	1.0	NA	1	B2A0145	01/05/2012	01/06/12 12:34	
Barium	**140**	1.0	NA	1	B2A0145	01/05/2012	01/06/12 12:34	
Beryllium	ND	1.0	NA	1	B2A0145	01/05/2012	01/06/12 12:34	
Cadmium	ND	1.0	NA	1	B2A0145	01/05/2012	01/06/12 12:34	
Chromium	**35**	1.0	NA	1	B2A0145	01/05/2012	01/06/12 12:34	
Cobalt	**13**	1.0	NA	1	B2A0145	01/05/2012	01/06/12 12:34	
Copper	**38**	2.0	NA	1	B2A0145	01/05/2012	01/06/12 12:34	
Lead	**25**	1.0	NA	1	B2A0145	01/05/2012	01/06/12 12:34	
Molybdenum	ND	1.0	NA	1	B2A0145	01/05/2012	01/06/12 12:34	
Nickel	**46**	1.0	NA	1	B2A0145	01/05/2012	01/06/12 12:34	
Selenium	ND	1.0	NA	1	B2A0145	01/05/2012	01/06/12 12:34	
Silver	ND	1.0	NA	1	B2A0145	01/05/2012	01/06/12 12:34	
Thallium	ND	1.0	NA	1	B2A0145	01/05/2012	01/06/12 12:34	
Vanadium	**41**	1.0	NA	1	B2A0145	01/05/2012	01/06/12 12:34	
Zinc	**59**	1.0	NA	1	B2A0145	01/05/2012	01/06/12 12:34	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/06/2012

Client Sample ID G90-0.5
Lab ID: 1200012-82

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0145	01/05/2012	01/06/12 12:36	
Arsenic	**7.6**	1.0	NA	1	B2A0145	01/05/2012	01/06/12 12:36	
Barium	**160**	1.0	NA	1	B2A0145	01/05/2012	01/06/12 12:36	
Beryllium	ND	1.0	NA	1	B2A0145	01/05/2012	01/06/12 12:36	
Cadmium	ND	1.0	NA	1	B2A0145	01/05/2012	01/06/12 12:36	
Chromium	**48**	1.0	NA	1	B2A0145	01/05/2012	01/06/12 12:36	
Cobalt	**16**	1.0	NA	1	B2A0145	01/05/2012	01/06/12 12:36	
Copper	**39**	2.0	NA	1	B2A0145	01/05/2012	01/06/12 12:36	
Lead	**13**	1.0	NA	1	B2A0145	01/05/2012	01/06/12 12:36	
Molybdenum	ND	1.0	NA	1	B2A0145	01/05/2012	01/06/12 12:36	
Nickel	**48**	1.0	NA	1	B2A0145	01/05/2012	01/06/12 12:36	
Selenium	ND	1.0	NA	1	B2A0145	01/05/2012	01/06/12 12:36	
Silver	ND	1.0	NA	1	B2A0145	01/05/2012	01/06/12 12:36	
Thallium	ND	1.0	NA	1	B2A0145	01/05/2012	01/06/12 12:36	
Vanadium	**45**	1.0	NA	1	B2A0145	01/05/2012	01/06/12 12:36	
Zinc	**55**	1.0	NA	1	B2A0145	01/05/2012	01/06/12 12:36	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/06/2012

Client Sample ID G90-1.5
Lab ID: 1200012-83

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0145	01/05/2012	01/06/12 12:37	
Arsenic	**7.5**	1.0	NA	1	B2A0145	01/05/2012	01/06/12 12:37	
Barium	**190**	1.0	NA	1	B2A0145	01/05/2012	01/06/12 12:37	
Beryllium	ND	1.0	NA	1	B2A0145	01/05/2012	01/06/12 12:37	
Cadmium	ND	1.0	NA	1	B2A0145	01/05/2012	01/06/12 12:37	
Chromium	**42**	1.0	NA	1	B2A0145	01/05/2012	01/06/12 12:37	
Cobalt	**19**	1.0	NA	1	B2A0145	01/05/2012	01/06/12 12:37	
Copper	**50**	2.0	NA	1	B2A0145	01/05/2012	01/06/12 12:37	
Lead	**7.9**	1.0	NA	1	B2A0145	01/05/2012	01/06/12 12:37	
Molybdenum	ND	1.0	NA	1	B2A0145	01/05/2012	01/06/12 12:37	
Nickel	**57**	1.0	NA	1	B2A0145	01/05/2012	01/06/12 12:37	
Selenium	ND	1.0	NA	1	B2A0145	01/05/2012	01/06/12 12:37	
Silver	ND	1.0	NA	1	B2A0145	01/05/2012	01/06/12 12:37	
Thallium	ND	1.0	NA	1	B2A0145	01/05/2012	01/06/12 12:37	
Vanadium	**46**	1.0	NA	1	B2A0145	01/05/2012	01/06/12 12:37	
Zinc	**69**	1.0	NA	1	B2A0145	01/05/2012	01/06/12 12:37	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/06/2012

Client Sample ID G90-2.5
Lab ID: 1200012-84

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0145	01/05/2012	01/06/12 12:43	
Arsenic	**5.1**	1.0	NA	1	B2A0145	01/05/2012	01/06/12 12:43	
Barium	**74**	1.0	NA	1	B2A0145	01/05/2012	01/06/12 12:43	
Beryllium	ND	1.0	NA	1	B2A0145	01/05/2012	01/06/12 12:43	
Cadmium	ND	1.0	NA	1	B2A0145	01/05/2012	01/06/12 12:43	
Chromium	**29**	1.0	NA	1	B2A0145	01/05/2012	01/06/12 12:43	
Cobalt	**10**	1.0	NA	1	B2A0145	01/05/2012	01/06/12 12:43	
Copper	**22**	2.0	NA	1	B2A0145	01/05/2012	01/06/12 12:43	
Lead	**38**	1.0	NA	1	B2A0145	01/05/2012	01/06/12 12:43	
Molybdenum	ND	1.0	NA	1	B2A0145	01/05/2012	01/06/12 12:43	
Nickel	**38**	1.0	NA	1	B2A0145	01/05/2012	01/06/12 12:43	
Selenium	ND	1.0	NA	1	B2A0145	01/05/2012	01/06/12 12:43	
Silver	ND	1.0	NA	1	B2A0145	01/05/2012	01/06/12 12:43	
Thallium	ND	1.0	NA	1	B2A0145	01/05/2012	01/06/12 12:43	
Vanadium	**27**	1.0	NA	1	B2A0145	01/05/2012	01/06/12 12:43	
Zinc	**45**	1.0	NA	1	B2A0145	01/05/2012	01/06/12 12:43	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/06/2012

Client Sample ID G91-0

Lab ID: 1200012-85

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0145	01/05/2012	01/06/12 12:45	
Arsenic	**7.9**	1.0	NA	1	B2A0145	01/05/2012	01/06/12 12:45	
Barium	**110**	1.0	NA	1	B2A0145	01/05/2012	01/06/12 12:45	
Beryllium	ND	1.0	NA	1	B2A0145	01/05/2012	01/06/12 12:45	
Cadmium	ND	1.0	NA	1	B2A0145	01/05/2012	01/06/12 12:45	
Chromium	**35**	1.0	NA	1	B2A0145	01/05/2012	01/06/12 12:45	
Cobalt	**13**	1.0	NA	1	B2A0145	01/05/2012	01/06/12 12:45	
Copper	**40**	2.0	NA	1	B2A0145	01/05/2012	01/06/12 12:45	
Lead	**22**	1.0	NA	1	B2A0145	01/05/2012	01/06/12 12:45	
Molybdenum	ND	1.0	NA	1	B2A0145	01/05/2012	01/06/12 12:45	
Nickel	**50**	1.0	NA	1	B2A0145	01/05/2012	01/06/12 12:45	
Selenium	ND	1.0	NA	1	B2A0145	01/05/2012	01/06/12 12:45	
Silver	ND	1.0	NA	1	B2A0145	01/05/2012	01/06/12 12:45	
Thallium	ND	1.0	NA	1	B2A0145	01/05/2012	01/06/12 12:45	
Vanadium	**40**	1.0	NA	1	B2A0145	01/05/2012	01/06/12 12:45	
Zinc	**65**	1.0	NA	1	B2A0145	01/05/2012	01/06/12 12:45	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/06/2012

Client Sample ID G91-0.5
Lab ID: 1200012-86

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0145	01/05/2012	01/06/12 12:46	
Arsenic	**6.6**	1.0	NA	1	B2A0145	01/05/2012	01/06/12 12:46	
Barium	**110**	1.0	NA	1	B2A0145	01/05/2012	01/06/12 12:46	
Beryllium	ND	1.0	NA	1	B2A0145	01/05/2012	01/06/12 12:46	
Cadmium	ND	1.0	NA	1	B2A0145	01/05/2012	01/06/12 12:46	
Chromium	**34**	1.0	NA	1	B2A0145	01/05/2012	01/06/12 12:46	
Cobalt	**12**	1.0	NA	1	B2A0145	01/05/2012	01/06/12 12:46	
Copper	**33**	2.0	NA	1	B2A0145	01/05/2012	01/06/12 12:46	
Lead	**120**	1.0	NA	1	B2A0145	01/05/2012	01/06/12 12:46	
Molybdenum	ND	1.0	NA	1	B2A0145	01/05/2012	01/06/12 12:46	
Nickel	**45**	1.0	NA	1	B2A0145	01/05/2012	01/06/12 12:46	
Selenium	ND	1.0	NA	1	B2A0145	01/05/2012	01/06/12 12:46	
Silver	ND	1.0	NA	1	B2A0145	01/05/2012	01/06/12 12:46	
Thallium	ND	1.0	NA	1	B2A0145	01/05/2012	01/06/12 12:46	
Vanadium	**35**	1.0	NA	1	B2A0145	01/05/2012	01/06/12 12:46	
Zinc	**54**	1.0	NA	1	B2A0145	01/05/2012	01/06/12 12:46	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/06/2012

Client Sample ID G91-1.5
Lab ID: 1200012-87

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0145	01/05/2012	01/06/12 12:48	
Arsenic	**6.4**	1.0	NA	1	B2A0145	01/05/2012	01/06/12 12:48	
Barium	**120**	1.0	NA	1	B2A0145	01/05/2012	01/06/12 12:48	
Beryllium	ND	1.0	NA	1	B2A0145	01/05/2012	01/06/12 12:48	
Cadmium	ND	1.0	NA	1	B2A0145	01/05/2012	01/06/12 12:48	
Chromium	**34**	1.0	NA	1	B2A0145	01/05/2012	01/06/12 12:48	
Cobalt	**14**	1.0	NA	1	B2A0145	01/05/2012	01/06/12 12:48	
Copper	**34**	2.0	NA	1	B2A0145	01/05/2012	01/06/12 12:48	
Lead	**31**	1.0	NA	1	B2A0145	01/05/2012	01/06/12 12:48	
Molybdenum	ND	1.0	NA	1	B2A0145	01/05/2012	01/06/12 12:48	
Nickel	**52**	1.0	NA	1	B2A0145	01/05/2012	01/06/12 12:48	
Selenium	ND	1.0	NA	1	B2A0145	01/05/2012	01/06/12 12:48	
Silver	ND	1.0	NA	1	B2A0145	01/05/2012	01/06/12 12:48	
Thallium	ND	1.0	NA	1	B2A0145	01/05/2012	01/06/12 12:48	
Vanadium	**35**	1.0	NA	1	B2A0145	01/05/2012	01/06/12 12:48	
Zinc	**57**	1.0	NA	1	B2A0145	01/05/2012	01/06/12 12:48	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/06/2012

Client Sample ID G91-2.5

Lab ID: 1200012-88

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	100	NA	50	B2A0145	01/05/2012	01/06/12 15:04	D5
Arsenic	ND	50	NA	50	B2A0145	01/05/2012	01/06/12 15:04	D5
Barium	ND	50	NA	50	B2A0145	01/05/2012	01/06/12 15:04	D5
Beryllium	ND	50	NA	50	B2A0145	01/05/2012	01/06/12 15:04	D5
Cadmium	ND	50	NA	50	B2A0145	01/05/2012	01/06/12 15:04	D5
Chromium	ND	50	NA	50	B2A0145	01/05/2012	01/06/12 15:04	D5
Cobalt	ND	50	NA	50	B2A0145	01/05/2012	01/06/12 15:04	D5
Copper	ND	100	NA	50	B2A0145	01/05/2012	01/06/12 15:04	D5
Lead	ND	50	NA	50	B2A0145	01/05/2012	01/06/12 15:04	D5
Molybdenum	ND	50	NA	50	B2A0145	01/05/2012	01/06/12 15:04	D5
Nickel	ND	50	NA	50	B2A0145	01/05/2012	01/06/12 15:04	D5
Selenium	ND	50	NA	50	B2A0145	01/05/2012	01/06/12 15:04	D5
Silver	ND	50	NA	50	B2A0145	01/05/2012	01/06/12 15:04	D5
Thallium	ND	50	NA	50	B2A0145	01/05/2012	01/06/12 15:04	D5
Vanadium	ND	50	NA	50	B2A0145	01/05/2012	01/06/12 15:04	D5
Zinc	ND	50	NA	50	B2A0145	01/05/2012	01/06/12 15:04	D5

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/06/2012

Client Sample ID G92-0

Lab ID: 1200012-89

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0145	01/05/2012	01/06/12 12:51	
Arsenic	ND	1.0	NA	1	B2A0145	01/05/2012	01/06/12 12:51	
Barium	**32**	1.0	NA	1	B2A0145	01/05/2012	01/06/12 12:51	
Beryllium	ND	1.0	NA	1	B2A0145	01/05/2012	01/06/12 12:51	
Cadmium	ND	1.0	NA	1	B2A0145	01/05/2012	01/06/12 12:51	
Chromium	**13**	1.0	NA	1	B2A0145	01/05/2012	01/06/12 12:51	
Cobalt	**16**	1.0	NA	1	B2A0145	01/05/2012	01/06/12 12:51	
Copper	**36**	2.0	NA	1	B2A0145	01/05/2012	01/06/12 12:51	
Lead	**36**	1.0	NA	1	B2A0145	01/05/2012	01/06/12 12:51	
Molybdenum	ND	1.0	NA	1	B2A0145	01/05/2012	01/06/12 12:51	
Nickel	**20**	1.0	NA	1	B2A0145	01/05/2012	01/06/12 12:51	
Selenium	ND	1.0	NA	1	B2A0145	01/05/2012	01/06/12 12:51	
Silver	ND	1.0	NA	1	B2A0145	01/05/2012	01/06/12 12:51	
Thallium	ND	1.0	NA	1	B2A0145	01/05/2012	01/06/12 12:51	
Vanadium	**120**	1.0	NA	1	B2A0145	01/05/2012	01/06/12 12:51	
Zinc	**75**	1.0	NA	1	B2A0145	01/05/2012	01/06/12 12:51	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/06/2012

Client Sample ID G92-0.5
Lab ID: 1200012-90

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0145	01/05/2012	01/06/12 12:53	
Arsenic	ND	1.0	NA	1	B2A0145	01/05/2012	01/06/12 12:53	
Barium	**7.8**	1.0	NA	1	B2A0145	01/05/2012	01/06/12 12:53	
Beryllium	ND	1.0	NA	1	B2A0145	01/05/2012	01/06/12 12:53	
Cadmium	ND	1.0	NA	1	B2A0145	01/05/2012	01/06/12 12:53	
Chromium	**10**	1.0	NA	1	B2A0145	01/05/2012	01/06/12 12:53	
Cobalt	**14**	1.0	NA	1	B2A0145	01/05/2012	01/06/12 12:53	
Copper	**30**	2.0	NA	1	B2A0145	01/05/2012	01/06/12 12:53	
Lead	ND	1.0	NA	1	B2A0145	01/05/2012	01/06/12 12:53	
Molybdenum	ND	1.0	NA	1	B2A0145	01/05/2012	01/06/12 12:53	
Nickel	**9.9**	1.0	NA	1	B2A0145	01/05/2012	01/06/12 12:53	
Selenium	ND	1.0	NA	1	B2A0145	01/05/2012	01/06/12 12:53	
Silver	ND	1.0	NA	1	B2A0145	01/05/2012	01/06/12 12:53	
Thallium	ND	1.0	NA	1	B2A0145	01/05/2012	01/06/12 12:53	
Vanadium	**110**	1.0	NA	1	B2A0145	01/05/2012	01/06/12 12:53	
Zinc	**41**	1.0	NA	1	B2A0145	01/05/2012	01/06/12 12:53	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/06/2012

Client Sample ID G92-1.5
Lab ID: 1200012-91

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0146	01/05/2012	01/06/12 13:07	
Arsenic	ND	1.0	NA	1	B2A0146	01/05/2012	01/06/12 13:07	
Barium	**15**	1.0	NA	1	B2A0146	01/05/2012	01/06/12 13:07	
Beryllium	ND	1.0	NA	1	B2A0146	01/05/2012	01/06/12 13:07	
Cadmium	ND	1.0	NA	1	B2A0146	01/05/2012	01/06/12 13:07	
Chromium	**12**	1.0	NA	1	B2A0146	01/05/2012	01/06/12 13:07	
Cobalt	**17**	1.0	NA	1	B2A0146	01/05/2012	01/06/12 13:07	
Copper	**38**	2.0	NA	1	B2A0146	01/05/2012	01/06/12 13:07	
Lead	ND	1.0	NA	1	B2A0146	01/05/2012	01/06/12 13:07	
Molybdenum	ND	1.0	NA	1	B2A0146	01/05/2012	01/06/12 13:07	
Nickel	**13**	1.0	NA	1	B2A0146	01/05/2012	01/06/12 13:07	
Selenium	ND	1.0	NA	1	B2A0146	01/05/2012	01/06/12 13:07	
Silver	ND	1.0	NA	1	B2A0146	01/05/2012	01/06/12 13:07	
Thallium	ND	1.0	NA	1	B2A0146	01/05/2012	01/06/12 13:07	
Vanadium	**130**	1.0	NA	1	B2A0146	01/05/2012	01/06/12 13:07	
Zinc	**49**	1.0	NA	1	B2A0146	01/05/2012	01/06/12 13:07	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/06/2012

Client Sample ID G92-2.5
Lab ID: 1200012-92

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0146	01/05/2012	01/06/12 13:09	
Arsenic	ND	1.0	NA	1	B2A0146	01/05/2012	01/06/12 13:09	
Barium	**7.1**	1.0	NA	1	B2A0146	01/05/2012	01/06/12 13:09	
Beryllium	ND	1.0	NA	1	B2A0146	01/05/2012	01/06/12 13:09	
Cadmium	ND	1.0	NA	1	B2A0146	01/05/2012	01/06/12 13:09	
Chromium	**6.9**	1.0	NA	1	B2A0146	01/05/2012	01/06/12 13:09	
Cobalt	**16**	1.0	NA	1	B2A0146	01/05/2012	01/06/12 13:09	
Copper	**27**	2.0	NA	1	B2A0146	01/05/2012	01/06/12 13:09	
Lead	ND	1.0	NA	1	B2A0146	01/05/2012	01/06/12 13:09	
Molybdenum	ND	1.0	NA	1	B2A0146	01/05/2012	01/06/12 13:09	
Nickel	**9.4**	1.0	NA	1	B2A0146	01/05/2012	01/06/12 13:09	
Selenium	ND	1.0	NA	1	B2A0146	01/05/2012	01/06/12 13:09	
Silver	ND	1.0	NA	1	B2A0146	01/05/2012	01/06/12 13:09	
Thallium	ND	1.0	NA	1	B2A0146	01/05/2012	01/06/12 13:09	
Vanadium	**120**	1.0	NA	1	B2A0146	01/05/2012	01/06/12 13:09	
Zinc	**44**	1.0	NA	1	B2A0146	01/05/2012	01/06/12 13:09	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/06/2012

Client Sample ID G93-0

Lab ID: 1200012-93

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0146	01/05/2012	01/06/12 13:11	
Arsenic	ND	1.0	NA	1	B2A0146	01/05/2012	01/06/12 13:11	
Barium	**24**	1.0	NA	1	B2A0146	01/05/2012	01/06/12 13:11	
Beryllium	ND	1.0	NA	1	B2A0146	01/05/2012	01/06/12 13:11	
Cadmium	ND	1.0	NA	1	B2A0146	01/05/2012	01/06/12 13:11	
Chromium	**12**	1.0	NA	1	B2A0146	01/05/2012	01/06/12 13:11	
Cobalt	**17**	1.0	NA	1	B2A0146	01/05/2012	01/06/12 13:11	
Copper	**30**	2.0	NA	1	B2A0146	01/05/2012	01/06/12 13:11	
Lead	**18**	1.0	NA	1	B2A0146	01/05/2012	01/06/12 13:11	
Molybdenum	ND	1.0	NA	1	B2A0146	01/05/2012	01/06/12 13:11	
Nickel	**16**	1.0	NA	1	B2A0146	01/05/2012	01/06/12 13:11	
Selenium	ND	1.0	NA	1	B2A0146	01/05/2012	01/06/12 13:11	
Silver	ND	1.0	NA	1	B2A0146	01/05/2012	01/06/12 13:11	
Thallium	ND	1.0	NA	1	B2A0146	01/05/2012	01/06/12 13:11	
Vanadium	**75**	1.0	NA	1	B2A0146	01/05/2012	01/06/12 13:11	
Zinc	**40**	1.0	NA	1	B2A0146	01/05/2012	01/06/12 13:11	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/06/2012

Client Sample ID G93-0.5
Lab ID: 1200012-94

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0146	01/05/2012	01/06/12 13:12	
Arsenic	**7.1**	1.0	NA	1	B2A0146	01/05/2012	01/06/12 13:12	
Barium	**110**	1.0	NA	1	B2A0146	01/05/2012	01/06/12 13:12	
Beryllium	ND	1.0	NA	1	B2A0146	01/05/2012	01/06/12 13:12	
Cadmium	ND	1.0	NA	1	B2A0146	01/05/2012	01/06/12 13:12	
Chromium	**30**	1.0	NA	1	B2A0146	01/05/2012	01/06/12 13:12	
Cobalt	**15**	1.0	NA	1	B2A0146	01/05/2012	01/06/12 13:12	
Copper	**33**	2.0	NA	1	B2A0146	01/05/2012	01/06/12 13:12	
Lead	**28**	1.0	NA	1	B2A0146	01/05/2012	01/06/12 13:12	
Molybdenum	ND	1.0	NA	1	B2A0146	01/05/2012	01/06/12 13:12	
Nickel	**36**	1.0	NA	1	B2A0146	01/05/2012	01/06/12 13:12	
Selenium	ND	1.0	NA	1	B2A0146	01/05/2012	01/06/12 13:12	
Silver	ND	1.0	NA	1	B2A0146	01/05/2012	01/06/12 13:12	
Thallium	ND	1.0	NA	1	B2A0146	01/05/2012	01/06/12 13:12	
Vanadium	**36**	1.0	NA	1	B2A0146	01/05/2012	01/06/12 13:12	
Zinc	**50**	1.0	NA	1	B2A0146	01/05/2012	01/06/12 13:12	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/06/2012

Client Sample ID G93-1.5
Lab ID: 1200012-95

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0146	01/05/2012	01/06/12 13:14	
Arsenic	**7.7**	1.0	NA	1	B2A0146	01/05/2012	01/06/12 13:14	
Barium	**98**	1.0	NA	1	B2A0146	01/05/2012	01/06/12 13:14	
Beryllium	ND	1.0	NA	1	B2A0146	01/05/2012	01/06/12 13:14	
Cadmium	ND	1.0	NA	1	B2A0146	01/05/2012	01/06/12 13:14	
Chromium	**27**	1.0	NA	1	B2A0146	01/05/2012	01/06/12 13:14	
Cobalt	**12**	1.0	NA	1	B2A0146	01/05/2012	01/06/12 13:14	
Copper	**37**	2.0	NA	1	B2A0146	01/05/2012	01/06/12 13:14	
Lead	**120**	1.0	NA	1	B2A0146	01/05/2012	01/06/12 13:14	
Molybdenum	ND	1.0	NA	1	B2A0146	01/05/2012	01/06/12 13:14	
Nickel	**36**	1.0	NA	1	B2A0146	01/05/2012	01/06/12 13:14	
Selenium	ND	1.0	NA	1	B2A0146	01/05/2012	01/06/12 13:14	
Silver	ND	1.0	NA	1	B2A0146	01/05/2012	01/06/12 13:14	
Thallium	ND	1.0	NA	1	B2A0146	01/05/2012	01/06/12 13:14	
Vanadium	**35**	1.0	NA	1	B2A0146	01/05/2012	01/06/12 13:14	
Zinc	**65**	1.0	NA	1	B2A0146	01/05/2012	01/06/12 13:14	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/06/2012

Client Sample ID G93-2.5
Lab ID: 1200012-96

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0146	01/05/2012	01/06/12 13:15	
Arsenic	**1.1**	1.0	NA	1	B2A0146	01/05/2012	01/06/12 13:15	
Barium	**29**	1.0	NA	1	B2A0146	01/05/2012	01/06/12 13:15	
Beryllium	ND	1.0	NA	1	B2A0146	01/05/2012	01/06/12 13:15	
Cadmium	ND	1.0	NA	1	B2A0146	01/05/2012	01/06/12 13:15	
Chromium	**21**	1.0	NA	1	B2A0146	01/05/2012	01/06/12 13:15	
Cobalt	**11**	1.0	NA	1	B2A0146	01/05/2012	01/06/12 13:15	
Copper	**28**	2.0	NA	1	B2A0146	01/05/2012	01/06/12 13:15	
Lead	**24**	1.0	NA	1	B2A0146	01/05/2012	01/06/12 13:15	
Molybdenum	ND	1.0	NA	1	B2A0146	01/05/2012	01/06/12 13:15	
Nickel	**30**	1.0	NA	1	B2A0146	01/05/2012	01/06/12 13:15	
Selenium	ND	1.0	NA	1	B2A0146	01/05/2012	01/06/12 13:15	
Silver	ND	1.0	NA	1	B2A0146	01/05/2012	01/06/12 13:15	
Thallium	ND	1.0	NA	1	B2A0146	01/05/2012	01/06/12 13:15	
Vanadium	**23**	1.0	NA	1	B2A0146	01/05/2012	01/06/12 13:15	
Zinc	**22**	1.0	NA	1	B2A0146	01/05/2012	01/06/12 13:15	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/06/2012

Client Sample ID G94-0

Lab ID: 1200012-97

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0146	01/05/2012	01/06/12 13:17	
Arsenic	**2.0**	1.0	NA	1	B2A0146	01/05/2012	01/06/12 13:17	
Barium	**32**	1.0	NA	1	B2A0146	01/05/2012	01/06/12 13:17	
Beryllium	ND	1.0	NA	1	B2A0146	01/05/2012	01/06/12 13:17	
Cadmium	ND	1.0	NA	1	B2A0146	01/05/2012	01/06/12 13:17	
Chromium	**24**	1.0	NA	1	B2A0146	01/05/2012	01/06/12 13:17	
Cobalt	**9.0**	1.0	NA	1	B2A0146	01/05/2012	01/06/12 13:17	
Copper	**20**	2.0	NA	1	B2A0146	01/05/2012	01/06/12 13:17	
Lead	**33**	1.0	NA	1	B2A0146	01/05/2012	01/06/12 13:17	
Molybdenum	ND	1.0	NA	1	B2A0146	01/05/2012	01/06/12 13:17	
Nickel	**29**	1.0	NA	1	B2A0146	01/05/2012	01/06/12 13:17	
Selenium	ND	1.0	NA	1	B2A0146	01/05/2012	01/06/12 13:17	
Silver	ND	1.0	NA	1	B2A0146	01/05/2012	01/06/12 13:17	
Thallium	ND	1.0	NA	1	B2A0146	01/05/2012	01/06/12 13:17	
Vanadium	**26**	1.0	NA	1	B2A0146	01/05/2012	01/06/12 13:17	
Zinc	**38**	1.0	NA	1	B2A0146	01/05/2012	01/06/12 13:17	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/06/2012

Client Sample ID G94-0.5
Lab ID: 1200012-98

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0146	01/05/2012	01/06/12 13:19	
Arsenic	**7.2**	1.0	NA	1	B2A0146	01/05/2012	01/06/12 13:19	
Barium	**290**	1.0	NA	1	B2A0146	01/05/2012	01/06/12 13:19	
Beryllium	ND	1.0	NA	1	B2A0146	01/05/2012	01/06/12 13:19	
Cadmium	ND	1.0	NA	1	B2A0146	01/05/2012	01/06/12 13:19	
Chromium	**20**	1.0	NA	1	B2A0146	01/05/2012	01/06/12 13:19	
Cobalt	**12**	1.0	NA	1	B2A0146	01/05/2012	01/06/12 13:19	
Copper	**30**	2.0	NA	1	B2A0146	01/05/2012	01/06/12 13:19	
Lead	**38**	1.0	NA	1	B2A0146	01/05/2012	01/06/12 13:19	
Molybdenum	ND	1.0	NA	1	B2A0146	01/05/2012	01/06/12 13:19	
Nickel	**30**	1.0	NA	1	B2A0146	01/05/2012	01/06/12 13:19	
Selenium	ND	1.0	NA	1	B2A0146	01/05/2012	01/06/12 13:19	
Silver	ND	1.0	NA	1	B2A0146	01/05/2012	01/06/12 13:19	
Thallium	**1.6**	1.0	NA	1	B2A0146	01/05/2012	01/06/12 13:19	
Vanadium	**29**	1.0	NA	1	B2A0146	01/05/2012	01/06/12 13:19	
Zinc	**53**	1.0	NA	1	B2A0146	01/05/2012	01/06/12 13:19	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/06/2012

Client Sample ID G94-1.5
Lab ID: 1200012-99

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0146	01/05/2012	01/06/12 13:25	
Arsenic	**12**	1.0	NA	1	B2A0146	01/05/2012	01/06/12 13:25	
Barium	**130**	1.0	NA	1	B2A0146	01/05/2012	01/06/12 13:25	
Beryllium	ND	1.0	NA	1	B2A0146	01/05/2012	01/06/12 13:25	
Cadmium	ND	1.0	NA	1	B2A0146	01/05/2012	01/06/12 13:25	
Chromium	**35**	1.0	NA	1	B2A0146	01/05/2012	01/06/12 13:25	
Cobalt	**22**	1.0	NA	1	B2A0146	01/05/2012	01/06/12 13:25	
Copper	**52**	2.0	NA	1	B2A0146	01/05/2012	01/06/12 13:25	
Lead	**16**	1.0	NA	1	B2A0146	01/05/2012	01/06/12 13:25	
Molybdenum	ND	1.0	NA	1	B2A0146	01/05/2012	01/06/12 13:25	
Nickel	**53**	1.0	NA	1	B2A0146	01/05/2012	01/06/12 13:25	
Selenium	ND	1.0	NA	1	B2A0146	01/05/2012	01/06/12 13:25	
Silver	ND	1.0	NA	1	B2A0146	01/05/2012	01/06/12 13:25	
Thallium	ND	1.0	NA	1	B2A0146	01/05/2012	01/06/12 13:25	
Vanadium	**52**	1.0	NA	1	B2A0146	01/05/2012	01/06/12 13:25	
Zinc	**82**	1.0	NA	1	B2A0146	01/05/2012	01/06/12 13:25	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/06/2012

Client Sample ID G94-2.5
Lab ID: 1200012-AA

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0146	01/05/2012	01/06/12 13:26	
Arsenic	**1.5**	1.0	NA	1	B2A0146	01/05/2012	01/06/12 13:26	
Barium	**28**	1.0	NA	1	B2A0146	01/05/2012	01/06/12 13:26	
Beryllium	ND	1.0	NA	1	B2A0146	01/05/2012	01/06/12 13:26	
Cadmium	ND	1.0	NA	1	B2A0146	01/05/2012	01/06/12 13:26	
Chromium	**26**	1.0	NA	1	B2A0146	01/05/2012	01/06/12 13:26	
Cobalt	**13**	1.0	NA	1	B2A0146	01/05/2012	01/06/12 13:26	
Copper	**40**	2.0	NA	1	B2A0146	01/05/2012	01/06/12 13:26	
Lead	**20**	1.0	NA	1	B2A0146	01/05/2012	01/06/12 13:26	
Molybdenum	ND	1.0	NA	1	B2A0146	01/05/2012	01/06/12 13:26	
Nickel	**41**	1.0	NA	1	B2A0146	01/05/2012	01/06/12 13:26	
Selenium	ND	1.0	NA	1	B2A0146	01/05/2012	01/06/12 13:26	
Silver	ND	1.0	NA	1	B2A0146	01/05/2012	01/06/12 13:26	
Thallium	ND	1.0	NA	1	B2A0146	01/05/2012	01/06/12 13:26	
Vanadium	**27**	1.0	NA	1	B2A0146	01/05/2012	01/06/12 13:26	
Zinc	**26**	1.0	NA	1	B2A0146	01/05/2012	01/06/12 13:26	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/06/2012

Client Sample ID G95-0

Lab ID: 1200012-AB

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0147	01/05/2012	01/06/12 11:48	
Arsenic	**10**	1.0	NA	1	B2A0147	01/05/2012	01/06/12 11:48	
Barium	**140**	1.0	NA	1	B2A0147	01/05/2012	01/06/12 11:48	
Beryllium	ND	1.0	NA	1	B2A0147	01/05/2012	01/06/12 11:47	
Cadmium	ND	1.0	NA	1	B2A0147	01/05/2012	01/06/12 11:48	
Chromium	**32**	1.0	NA	1	B2A0147	01/05/2012	01/06/12 11:48	
Cobalt	**15**	1.0	NA	1	B2A0147	01/05/2012	01/06/12 11:48	
Copper	**52**	2.0	NA	1	B2A0147	01/05/2012	01/06/12 11:48	
Lead	**26**	1.0	NA	1	B2A0147	01/05/2012	01/06/12 11:48	
Molybdenum	ND	1.0	NA	1	B2A0147	01/05/2012	01/06/12 11:48	
Nickel	**44**	1.0	NA	1	B2A0147	01/05/2012	01/06/12 11:48	
Selenium	ND	1.0	NA	1	B2A0147	01/05/2012	01/06/12 11:48	
Silver	ND	1.0	NA	1	B2A0147	01/05/2012	01/06/12 11:48	
Thallium	ND	1.0	NA	1	B2A0147	01/05/2012	01/06/12 11:48	
Vanadium	**39**	1.0	NA	1	B2A0147	01/05/2012	01/06/12 11:48	
Zinc	**75**	1.0	NA	1	B2A0147	01/05/2012	01/06/12 11:48	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/06/2012

Client Sample ID G95-0.5
Lab ID: 1200012-AC

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0147	01/05/2012	01/06/12 11:51	
Arsenic	**8.0**	1.0	NA	1	B2A0147	01/05/2012	01/06/12 11:51	
Barium	**180**	1.0	NA	1	B2A0147	01/05/2012	01/06/12 11:51	
Beryllium	ND	1.0	NA	1	B2A0147	01/05/2012	01/06/12 11:51	
Cadmium	ND	1.0	NA	1	B2A0147	01/05/2012	01/06/12 11:51	
Chromium	**30**	1.0	NA	1	B2A0147	01/05/2012	01/06/12 11:51	
Cobalt	**15**	1.0	NA	1	B2A0147	01/05/2012	01/06/12 11:51	
Copper	**40**	2.0	NA	1	B2A0147	01/05/2012	01/06/12 11:51	
Lead	**59**	1.0	NA	1	B2A0147	01/05/2012	01/06/12 11:51	
Molybdenum	ND	1.0	NA	1	B2A0147	01/05/2012	01/06/12 11:51	
Nickel	**46**	1.0	NA	1	B2A0147	01/05/2012	01/06/12 11:51	
Selenium	ND	1.0	NA	1	B2A0147	01/05/2012	01/06/12 11:51	
Silver	ND	1.0	NA	1	B2A0147	01/05/2012	01/06/12 11:51	
Thallium	ND	1.0	NA	1	B2A0147	01/05/2012	01/06/12 11:51	
Vanadium	**43**	1.0	NA	1	B2A0147	01/05/2012	01/06/12 11:51	
Zinc	**70**	1.0	NA	1	B2A0147	01/05/2012	01/06/12 11:51	

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Client Sample ID G95-1.5
Lab ID: 1200012-AD

Total Metals by ICP-AES EPA 6010B **Analyst: KK**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0147	01/05/2012	01/06/12 12:15	
Arsenic	**16**	1.0	NA	1	B2A0147	01/05/2012	01/06/12 12:15	
Barium	**97**	1.0	NA	1	B2A0147	01/05/2012	01/06/12 12:15	
Beryllium	ND	1.0	NA	1	B2A0147	01/05/2012	01/06/12 12:14	
Cadmium	**1.1**	1.0	NA	1	B2A0147	01/05/2012	01/06/12 12:15	
Chromium	**33**	1.0	NA	1	B2A0147	01/05/2012	01/06/12 12:15	
Cobalt	**17**	1.0	NA	1	B2A0147	01/05/2012	01/06/12 12:15	
Copper	**54**	2.0	NA	1	B2A0147	01/05/2012	01/06/12 12:15	
Lead	**15**	1.0	NA	1	B2A0147	01/05/2012	01/06/12 12:15	
Molybdenum	ND	1.0	NA	1	B2A0147	01/05/2012	01/06/12 12:15	
Nickel	**47**	1.0	NA	1	B2A0147	01/05/2012	01/06/12 12:15	
Selenium	ND	1.0	NA	1	B2A0147	01/05/2012	01/06/12 12:15	
Silver	ND	1.0	NA	1	B2A0147	01/05/2012	01/06/12 12:15	
Thallium	ND	1.0	NA	1	B2A0147	01/05/2012	01/06/12 12:15	
Vanadium	**44**	1.0	NA	1	B2A0147	01/05/2012	01/06/12 12:15	
Zinc	**74**	1.0	NA	1	B2A0147	01/05/2012	01/06/12 12:15	

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Client Sample ID G95-2.5
Lab ID: 1200012-AE

Total Metals by ICP-AES EPA 6010B

Analyst: KK

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2A0147	01/05/2012	01/06/12 12:18	
Arsenic	**1.5**	1.0	NA	1	B2A0147	01/05/2012	01/06/12 12:18	
Barium	**30**	1.0	NA	1	B2A0147	01/05/2012	01/06/12 12:18	
Beryllium	ND	1.0	NA	1	B2A0147	01/05/2012	01/06/12 12:17	
Cadmium	ND	1.0	NA	1	B2A0147	01/05/2012	01/06/12 12:18	
Chromium	**31**	1.0	NA	1	B2A0147	01/05/2012	01/06/12 12:18	
Cobalt	**13**	1.0	NA	1	B2A0147	01/05/2012	01/06/12 12:18	
Copper	**32**	2.0	NA	1	B2A0147	01/05/2012	01/06/12 12:18	
Lead	**2.2**	1.0	NA	1	B2A0147	01/05/2012	01/06/12 12:18	
Molybdenum	ND	1.0	NA	1	B2A0147	01/05/2012	01/06/12 12:18	
Nickel	**32**	1.0	NA	1	B2A0147	01/05/2012	01/06/12 12:18	
Selenium	ND	1.0	NA	1	B2A0147	01/05/2012	01/06/12 12:18	
Silver	ND	1.0	NA	1	B2A0147	01/05/2012	01/06/12 12:18	
Thallium	ND	1.0	NA	1	B2A0147	01/05/2012	01/06/12 12:18	
Vanadium	**34**	1.0	NA	1	B2A0147	01/05/2012	01/06/12 12:18	
Zinc	**27**	1.0	NA	1	B2A0147	01/05/2012	01/06/12 12:18	

Lead by ICP-AES EPA 6010B

Analyte: Lead

Analyst: KK

Laboratory ID	Client Sample ID	Result	Units	PQL	MDL	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1200012-AF	G144-0	**19**	mg/kg	1.0	NA	1	B2A0104	01/04/2012	01/05/12 14:45	
1200012-AG	G144-0.5	**150**	mg/kg	1.0	NA	1	B2A0104	01/04/2012	01/05/12 14:46	
1200012-AH	G144-1.5	**160**	mg/kg	1.0	NA	1	B2A0104	01/04/2012	01/05/12 14:46	
1200012-AI	G144-2.5	**6.4**	mg/kg	1.0	NA	1	B2A0104	01/04/2012	01/05/12 14:49	
1200012-AJ	G144-3.5	**23**	mg/kg	1.0	NA	1	B2A0104	01/04/2012	01/05/12 14:50	
1200012-AK	G144-4.5	**7.0**	mg/kg	1.0	NA	1	B2A0104	01/04/2012	01/05/12 14:50	
1200012-AL	G144-5.5	**7.0**	mg/kg	1.0	NA	1	B2A0104	01/04/2012	01/05/12 14:51	
1200012-AM	G144-6.5	**7.4**	mg/kg	1.0	NA	1	B2A0104	01/04/2012	01/05/12 14:52	

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Mercury by AA (Cold Vapor) EPA 7471

Analyte: Mercury **Analyst: VV**

Laboratory ID	Client Sample ID	Result	Units	PQL	MDL	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1200012-01	G25-0	**5.3**	mg/kg	1.0	NA	10	B2A0151	01/05/2012	01/05/12 23:23	
1200012-02	G25-0.5	**4.1**	mg/kg	1.0	NA	10	B2A0151	01/05/2012	01/05/12 23:25	
1200012-03	G25-1.5	**0.55**	mg/kg	0.10	NA	1	B2A0151	01/05/2012	01/05/12 21:41	
1200012-04	G25-2.5	**0.22**	mg/kg	0.10	NA	1	B2A0151	01/05/2012	01/05/12 21:47	
1200012-05	G26-0	**0.35**	mg/kg	0.10	NA	1	B2A0151	01/05/2012	01/05/12 21:49	
1200012-06	G26-0.5	**ND**	mg/kg	0.10	NA	1	B2A0151	01/05/2012	01/05/12 21:51	
1200012-07	G26-1.5	**ND**	mg/kg	0.10	NA	1	B2A0151	01/05/2012	01/05/12 21:53	
1200012-08	G26-2.5	**0.26**	mg/kg	0.10	NA	1	B2A0151	01/05/2012	01/05/12 21:55	
1200012-09	G34-0	**13**	mg/kg	1.0	NA	10	B2A0151	01/05/2012	01/05/12 23:27	
1200012-10	G34-0.5	**3.2**	mg/kg	0.20	NA	2	B2A0151	01/05/2012	01/05/12 23:17	
1200012-11	G34-1.5	**3.4**	mg/kg	1.0	NA	10	B2A0152	01/05/2012	01/05/12 23:33	
1200012-12	G34-2.5	**0.19**	mg/kg	0.10	NA	1	B2A0152	01/05/2012	01/05/12 22:20	
1200012-13	G35-0	**0.21**	mg/kg	0.10	NA	1	B2A0152	01/05/2012	01/05/12 22:22	
1200012-14	G35-0.5	**0.13**	mg/kg	0.10	NA	1	B2A0152	01/05/2012	01/05/12 22:24	
1200012-15	G35-1.5	**ND**	mg/kg	0.10	NA	1	B2A0152	01/05/2012	01/05/12 22:26	
1200012-16	G35-2.5	**ND**	mg/kg	0.10	NA	1	B2A0152	01/05/2012	01/05/12 22:28	
1200012-17	G38-0	**1.8**	mg/kg	0.10	NA	1	B2A0152	01/05/2012	01/05/12 22:30	
1200012-18	G38-0.5	**6.7**	mg/kg	1.0	NA	10	B2A0152	01/05/2012	01/05/12 23:35	
1200012-19	G38-1.5	**6.5**	mg/kg	1.0	NA	10	B2A0152	01/05/2012	01/05/12 23:37	
1200012-20	G38-2.5	**0.36**	mg/kg	0.10	NA	1	B2A0152	01/05/2012	01/05/12 22:13	
1200012-21	G39-0	**0.13**	mg/kg	0.10	NA	1	B2A0153	01/05/2012	01/06/12 11:38	
1200012-22	G39-0.5	**1.1**	mg/kg	0.10	NA	1	B2A0153	01/05/2012	01/06/12 11:40	
1200012-23	G39-1.5	**0.11**	mg/kg	0.10	NA	1	B2A0153	01/05/2012	01/06/12 11:44	
1200012-24	G39-2.5	**ND**	mg/kg	0.10	NA	1	B2A0153	01/05/2012	01/06/12 11:46	
1200012-25	G45-0	**2.3**	mg/kg	0.20	NA	2	B2A0153	01/05/2012	01/06/12 14:51	
1200012-26	G45-0.5	**2.5**	mg/kg	0.20	NA	2	B2A0153	01/05/2012	01/06/12 14:53	
1200012-27	G45-1.5	**0.54**	mg/kg	0.10	NA	1	B2A0153	01/05/2012	01/06/12 11:56	
1200012-28	G45-2.5	**0.25**	mg/kg	0.10	NA	1	B2A0153	01/05/2012	01/06/12 11:58	
1200012-29	G46-0	**0.47**	mg/kg	0.10	NA	1	B2A0153	01/05/2012	01/06/12 12:00	
1200012-30	G46-0.5	**0.46**	mg/kg	0.10	NA	1	B2A0153	01/05/2012	01/06/12 11:33	

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1200012-31	G46-1.5	**ND**	mg/kg	0.10	NA	1	B2A0154	01/05/2012	01/06/12 12:21
1200012-32	G46-2.5	**ND**	mg/kg	0.10	NA	1	B2A0154	01/05/2012	01/06/12 12:23
1200012-33	G50-0	**1.2**	mg/kg	0.10	NA	1	B2A0154	01/05/2012	01/06/12 12:25
1200012-34	G50-0.5	**5.2**	mg/kg	0.40	NA	4	B2A0154	01/05/2012	01/06/12 15:34
1200012-35	G50-1.5	**0.37**	mg/kg	0.10	NA	1	B2A0154	01/05/2012	01/06/12 12:29
1200012-36	G50-2.5	**0.15**	mg/kg	0.10	NA	1	B2A0154	01/05/2012	01/06/12 12:31
1200012-37	G51-0	**1.2**	mg/kg	0.10	NA	1	B2A0154	01/05/2012	01/06/12 12:34
1200012-38	G51-0.5	**0.17**	mg/kg	0.10	NA	1	B2A0154	01/05/2012	01/06/12 12:36
1200012-39	G51-1.5	**0.17**	mg/kg	0.10	NA	1	B2A0154	01/05/2012	01/06/12 12:42
1200012-40	G51-2.5	**ND**	mg/kg	0.10	NA	1	B2A0154	01/05/2012	01/06/12 12:17
1200012-41	G80-0	**0.58**	mg/kg	0.10	NA	1	B2A0155	01/05/2012	01/06/12 12:58
1200012-42	G80-0.5	**35**	mg/kg	2.0	NA	20	B2A0155	01/05/2012	01/06/12 14:58
1200012-43	G80-1.5	**1.2**	mg/kg	0.10	NA	1	B2A0155	01/05/2012	01/06/12 13:07
1200012-44	G80-2.5	**0.13**	mg/kg	0.10	NA	1	B2A0155	01/05/2012	01/06/12 13:09
1200012-45	G81-0	**0.29**	mg/kg	0.10	NA	1	B2A0155	01/05/2012	01/06/12 13:11
1200012-46	G81-0.5	**ND**	mg/kg	0.10	NA	1	B2A0155	01/05/2012	01/06/12 13:13
1200012-47	G81-1.5	**ND**	mg/kg	0.10	NA	1	B2A0155	01/05/2012	01/06/12 13:15
1200012-48	G81-2.5	**ND**	mg/kg	0.10	NA	1	B2A0155	01/05/2012	01/06/12 13:17
1200012-49	G82-0	**0.15**	mg/kg	0.10	NA	1	B2A0155	01/05/2012	01/06/12 13:19
1200012-50	G82-0.5	**0.12**	mg/kg	0.10	NA	1	B2A0155	01/05/2012	01/06/12 12:54
1200012-51	G82-1.5	**ND**	mg/kg	0.10	NA	1	B2A0156	01/05/2012	01/06/12 13:46
1200012-52	G82-2.5	**ND**	mg/kg	0.10	NA	1	B2A0156	01/05/2012	01/06/12 13:48
1200012-53	G83-0	**0.27**	mg/kg	0.10	NA	1	B2A0156	01/05/2012	01/06/12 13:50
1200012-54	G83-0.5	**ND**	mg/kg	0.10	NA	1	B2A0156	01/05/2012	01/06/12 13:52
1200012-55	G83-1.5	**ND**	mg/kg	0.10	NA	1	B2A0156	01/05/2012	01/06/12 13:54
1200012-56	G83-2.5	**ND**	mg/kg	0.10	NA	1	B2A0156	01/05/2012	01/06/12 13:56
1200012-57	G84-0	**0.36**	mg/kg	0.10	NA	1	B2A0156	01/05/2012	01/06/12 14:02
1200012-58	G84-0.5	**0.24**	mg/kg	0.10	NA	1	B2A0156	01/05/2012	01/06/12 14:04
1200012-59	G84-1.5	**0.53**	mg/kg	0.10	NA	1	B2A0156	01/05/2012	01/06/12 14:06
1200012-60	G84-2.5	**4.7**	mg/kg	1.0	NA	10	B2A0156	01/05/2012	01/06/12 13:41
1200012-61	G85-0	**0.12**	mg/kg	0.10	NA	1	B2A0157	01/05/2012	01/06/12 12:54
1200012-62	G85-0.5	**0.14**	mg/kg	0.10	NA	1	B2A0157	01/05/2012	01/06/12 12:56
1200012-63	G85-1.5	**ND**	mg/kg	0.10	NA	1	B2A0157	01/05/2012	01/06/12 12:58
1200012-64	G85-2.5	**0.11**	mg/kg	0.10	NA	1	B2A0157	01/05/2012	01/06/12 13:00
1200012-65	G86-0	**ND**	mg/kg	0.10	NA	1	B2A0157	01/05/2012	01/06/12 13:06

1200012-66	G86-0.5	**ND**	mg/kg	0.10	NA	1	B2A0157	01/05/2012	01/06/12 13:08
1200012-67	G86-1.5	**0.19**	mg/kg	0.10	NA	1	B2A0157	01/05/2012	01/06/12 13:10
1200012-68	G86-2.5	**0.14**	mg/kg	0.10	NA	1	B2A0157	01/05/2012	01/06/12 13:12
1200012-69	G87-0	**ND**	mg/kg	0.10	NA	1	B2A0157	01/05/2012	01/06/12 13:14
1200012-70	G87-0.5	**ND**	mg/kg	0.10	NA	1	B2A0157	01/05/2012	01/06/12 12:50
1200012-71	G87-1.5	**0.12**	mg/kg	0.10	NA	1	B2A0158	01/05/2012	01/06/12 13:43
1200012-72	G87-2.5	**ND**	mg/kg	0.10	NA	1	B2A0158	01/05/2012	01/06/12 13:45
1200012-73	G88-0	**1.8**	mg/kg	0.10	NA	1	B2A0158	01/05/2012	01/06/12 13:47
1200012-74	G88-0.5	**0.83**	mg/kg	0.10	NA	1	B2A0158	01/05/2012	01/06/12 13:49
1200012-75	G88-1.5	**0.82**	mg/kg	0.10	NA	1	B2A0158	01/05/2012	01/06/12 13:51
1200012-76	G88-2.5	**0.25**	mg/kg	0.10	NA	1	B2A0158	01/05/2012	01/06/12 13:53
1200012-77	G89-0	**3.4**	mg/kg	1.0	NA	10	B2A0158	01/05/2012	01/06/12 14:43
1200012-78	G89-0.5	**4.6**	mg/kg	1.0	NA	10	B2A0158	01/05/2012	01/06/12 15:06
1200012-79	G89-1.5	**0.12**	mg/kg	0.10	NA	1	B2A0158	01/05/2012	01/06/12 14:04
1200012-80	G89-2.5	**0.13**	mg/kg	0.10	NA	1	B2A0158	01/05/2012	01/06/12 13:39
1200012-81	G90-0	**ND**	mg/kg	0.10	NA	1	B2A0159	01/05/2012	01/06/12 14:20
1200012-82	G90-0.5	**ND**	mg/kg	0.10	NA	1	B2A0159	01/05/2012	01/06/12 14:22
1200012-83	G90-1.5	**ND**	mg/kg	0.10	NA	1	B2A0159	01/05/2012	01/06/12 14:28
1200012-84	G90-2.5	**0.13**	mg/kg	0.10	NA	1	B2A0159	01/05/2012	01/06/12 14:30
1200012-85	G91-0	**ND**	mg/kg	0.10	NA	1	B2A0159	01/05/2012	01/06/12 14:31
1200012-86	G91-0.5	**0.12**	mg/kg	0.10	NA	1	B2A0159	01/05/2012	01/06/12 14:33
1200012-87	G91-1.5	**ND**	mg/kg	0.10	NA	1	B2A0159	01/05/2012	01/06/12 14:35
1200012-88	G91-2.5	**ND**	mg/kg	0.10	NA	1	B2A0159	01/05/2012	01/06/12 14:37
1200012-89	G92-0	**2.1**	mg/kg	0.10	NA	1	B2A0159	01/05/2012	01/06/12 14:39
1200012-90	G92-0.5	**0.70**	mg/kg	0.10	NA	1	B2A0159	01/05/2012	01/06/12 14:16
1200012-91	G92-1.5	**0.28**	mg/kg	0.10	NA	1	B2A0160	01/05/2012	01/06/12 14:27
1200012-92	G92-2.5	**2.5**	mg/kg	0.20	NA	2	B2A0160	01/05/2012	01/06/12 15:00
1200012-93	G93-0	**1.6**	mg/kg	0.10	NA	1	B2A0160	01/05/2012	01/06/12 14:31
1200012-94	G93-0.5	**0.17**	mg/kg	0.10	NA	1	B2A0160	01/05/2012	01/06/12 14:33
1200012-95	G93-1.5	**ND**	mg/kg	0.10	NA	1	B2A0160	01/05/2012	01/06/12 14:35
1200012-96	G93-2.5	**ND**	mg/kg	0.10	NA	1	B2A0160	01/05/2012	01/06/12 14:37
1200012-97	G94-0	**0.15**	mg/kg	0.10	NA	1	B2A0160	01/05/2012	01/06/12 14:39
1200012-98	G94-0.5	**ND**	mg/kg	0.10	NA	1	B2A0160	01/05/2012	01/06/12 14:41
1200012-99	G94-1.5	**ND**	mg/kg	0.10	NA	1	B2A0160	01/05/2012	01/06/12 14:43
1200012-AA	G94-2.5	**ND**	mg/kg	0.10	NA	1	B2A0160	01/05/2012	01/06/12 14:19

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1200012-AB	G95-0	**ND**	mg/kg	0.10	NA	1	B2A0161	01/05/2012	01/05/12 11:54
1200012-AC	G95-0.5	**0.20**	mg/kg	0.10	NA	1	B2A0161	01/05/2012	01/05/12 11:54
1200012-AD	G95-1.5	**ND**	mg/kg	0.10	NA	1	B2A0161	01/05/2012	01/05/12 11:54
1200012-AE	G95-2.5	**ND**	mg/kg	0.10	NA	1	B2A0161	01/05/2012	01/05/12 11:54

pH by EPA 9045C

Analyte: pH **Analyst: LA**

Laboratory ID	Client Sample ID	Result	Units	PQL	MDL	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1200012-02	G25-0.5	**8.0**	pH Units	0.10	NA	1	B2A0186	01/06/2012	01/06/12 09:58	
1200012-13	G35-0	**7.5**	pH Units	0.10	NA	1	B2A0186	01/06/2012	01/06/12 09:58	
1200012-24	G39-2.5	**7.8**	pH Units	0.10	NA	1	B2A0186	01/06/2012	01/06/12 09:58	
1200012-35	G50-1.5	**8.3**	pH Units	0.10	NA	1	B2A0186	01/06/2012	01/06/12 09:58	
1200012-46	G81-0.5	**8.3**	pH Units	0.10	NA	1	B2A0186	01/06/2012	01/06/12 09:58	
1200012-57	G84-0	**8.2**	pH Units	0.10	NA	1	B2A0186	01/06/2012	01/06/12 09:58	
1200012-68	G86-2.5	**8.2**	pH Units	0.10	NA	1	B2A0186	01/06/2012	01/06/12 09:58	
1200012-79	G89-1.5	**8.1**	pH Units	0.10	NA	1	B2A0186	01/06/2012	01/06/12 09:58	
1200012-81	G90-0	**7.8**	pH Units	0.10	NA	1	B2A0186	01/06/2012	01/06/12 09:58	
1200012-92	G92-2.5	**7.7**	pH Units	0.10	NA	1	B2A0186	01/06/2012	01/06/12 09:58	
1200012-AD	G95-1.5	**7.0**	pH Units	0.10	NA	1	B2A0185	01/06/2012	01/06/12 09:52	
1200012-AL	G144-5.5	**7.9**	pH Units	0.10	NA	1	B2A0185	01/06/2012	01/06/12 09:52	

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QUALITY CONTROL SECTION

Total Metals by ICP-AES EPA 6010B - Quality Control

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0137 - EPA 3050B									
Blank (B2A0137-BLK1)					Prepared: 1/5/2012 Analyzed: 1/5/2012				
Antimony	ND	2.0			NR				
Arsenic	ND	1.0			NR				
Barium	ND	1.0			NR				
Beryllium	ND	1.0			NR				
Cadmium	ND	1.0			NR				
Chromium	ND	1.0			NR				
Cobalt	ND	1.0			NR				
Copper	ND	2.0			NR				
Lead	ND	1.0			NR				
Molybdenum	ND	1.0			NR				
Nickel	ND	1.0			NR				
Selenium	ND	1.0			NR				
Silver	ND	1.0			NR				
Thallium	ND	1.0			NR				
Vanadium	ND	1.0			NR				
Zinc	ND	1.0			NR				
LCS (B2A0137-BS1)					Prepared: 1/5/2012 Analyzed: 1/5/2012				
Antimony	43	2.0	50.0		86.3	80 - 120			
Arsenic	42	1.0	50.0		84.1	80 - 120			
Barium	46	1.0	50.0		92.3	80 - 120			
Beryllium	44	1.0	50.0		87.0	80 - 120			
Cadmium	43	1.0	50.0		86.6	80 - 120			
Chromium	45	1.0	50.0		90.8	80 - 120			
Cobalt	44	1.0	50.0		87.1	80 - 120			
Copper	46	2.0	50.0		92.5	80 - 120			
Lead	45	1.0	50.0		90.9	80 - 120			
Molybdenum	46	1.0	50.0		92.6	80 - 120			
Nickel	44	1.0	50.0		87.3	80 - 120			
Selenium	40	1.0	50.0		80.2	80 - 120			
Silver	47	1.0	50.0		94.9	80 - 120			
Thallium	46	1.0	50.0		92.3	80 - 120			
Vanadium	46	1.0	50.0		91.5	80 - 120			
Zinc	43	1.0	50.0		86.4	80 - 120			
Duplicate (B2A0137-DUP1)		**Source: 1200012-10**			Prepared: 1/5/2012 Analyzed: 1/5/2012				
Antimony	ND	2.0		ND	NR			20	
Arsenic	ND	1.0		ND	NR			20	
Barium	12	1.0		12	NR		4.50	20	
Beryllium	ND	1.0		ND	NR			20	
Cadmium	0.92	1.0		0.73	NR		22.2	20	R
Chromium	5.0	1.0		9.3	NR		59.6	20	R

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Total Metals by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0137 - EPA 3050B (continued)									
Duplicate (B2A0137-DUP1) - Continued		**Source: 1200012-10**			Prepared: 1/5/2012 Analyzed: 1/5/2012				
Cobalt	12	1.0		11	NR		11.4	20	
Copper	26	2.0		25	NR		5.68	20	
Lead	3.8	1.0		4.8	NR		22.8	20	R
Molybdenum	ND	1.0		ND	NR			20	
Nickel	12	1.0		14	NR		16.1	20	
Selenium	ND	1.0		ND	NR			20	
Silver	ND	1.0		ND	NR			20	
Thallium	ND	1.0		ND	NR			20	
Vanadium	96	1.0		90	NR		5.95	20	
Zinc	36	1.0		31	NR		13.4	20	
Matrix Spike (B2A0137-MS1)		**Source: 1200012-10**			Prepared: 1/5/2012 Analyzed: 1/5/2012				
Antimony	97	2.0	125	ND	77.4	44 - 105			
Arsenic	95	1.0	125	ND	76.4	57 - 103			
Barium	110	1.0	125	12	77.6	36 - 134			
Beryllium	98	1.0	125	ND	78.6	64 - 106			
Cadmium	91	1.0	125	0.73	71.9	58 - 102			
Chromium	110	1.0	125	9.3	77.0	55 - 105			
Cobalt	110	1.0	125	11	75.4	59 - 105			
Copper	140	2.0	125	25	90.8	64 - 117			
Lead	97	1.0	125	4.8	73.9	46 - 116			
Molybdenum	98	1.0	125	ND	78.7	59 - 108			
Nickel	100	1.0	125	14	71.0	52 - 109			
Selenium	82	1.0	125	ND	65.3	56 - 100			
Silver	110	1.0	125	ND	84.5	65 - 107			
Thallium	86	1.0	125	ND	68.9	47 - 100			
Vanadium	200	1.0	125	90	84.0	64 - 110			
Zinc	120	1.0	125	31	71.9	37 - 123			
Matrix Spike Dup (B2A0137-MSD1)		**Source: 1200012-10**			Prepared: 1/5/2012 Analyzed: 1/5/2012				
Antimony	93	2.0	125	ND	74.3	44 - 105	4.09	20	
Arsenic	92	1.0	125	ND	73.6	57 - 103	3.75	20	
Barium	110	1.0	125	12	80.7	36 - 134	3.52	20	
Beryllium	95	1.0	125	ND	75.9	64 - 106	3.46	20	
Cadmium	91	1.0	125	0.73	72.0	58 - 102	0.0979	20	
Chromium	100	1.0	125	9.3	75.2	55 - 105	2.20	20	
Cobalt	100	1.0	125	11	71.3	59 - 105	5.07	20	
Copper	130	2.0	125	25	81.3	64 - 117	9.00	20	
Lead	98	1.0	125	4.8	74.2	46 - 116	0.403	20	
Molybdenum	97	1.0	125	ND	77.6	59 - 108	1.37	20	
Nickel	99	1.0	125	14	68.2	52 - 109	3.37	20	
Selenium	81	1.0	125	ND	65.2	56 - 100	0.255	20	
Silver	100	1.0	125	ND	82.6	65 - 107	2.31	20	

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Total Metals by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0137 - EPA 3050B (continued)									
Matrix Spike Dup (B2A0137-MSD1) - Continued		**Source: 1200012-10**			Prepared: 1/5/2012 Analyzed: 1/5/2012				
Thallium	86	1.0	125	ND	68.7	47 - 100	0.397	20	
Vanadium	170	1.0	125	90	65.3	64 - 110	12.7	20	
Zinc	120	1.0	125	31	69.7	37 - 123	2.25	20	
Batch B2A0138 - EPA 3050B									
Blank (B2A0138-BLK1)					Prepared: 1/5/2012 Analyzed: 1/5/2012				
Antimony	ND	2.0			NR				
Arsenic	ND	1.0			NR				
Barium	ND	1.0			NR				
Beryllium	ND	1.0			NR				
Cadmium	ND	1.0			NR				
Chromium	ND	1.0			NR				
Cobalt	ND	1.0			NR				
Copper	ND	2.0			NR				
Lead	ND	1.0			NR				
Molybdenum	ND	1.0			NR				
Nickel	ND	1.0			NR				
Selenium	ND	1.0			NR				
Silver	ND	1.0			NR				
Thallium	ND	1.0			NR				
Vanadium	ND	1.0			NR				
Zinc	ND	1.0			NR				
LCS (B2A0138-BS1)					Prepared: 1/5/2012 Analyzed: 1/5/2012				
Antimony	43	2.0	50.0		86.2	80 - 120			
Arsenic	42	1.0	50.0		84.5	80 - 120			
Barium	47	1.0	50.0		93.2	80 - 120			
Beryllium	46	1.0	50.0		91.2	80 - 120			
Cadmium	44	1.0	50.0		87.2	80 - 120			
Chromium	46	1.0	50.0		91.3	80 - 120			
Cobalt	43	1.0	50.0		86.9	80 - 120			
Copper	46	2.0	50.0		92.7	80 - 120			
Lead	46	1.0	50.0		91.1	80 - 120			
Molybdenum	47	1.0	50.0		93.0	80 - 120			
Nickel	44	1.0	50.0		87.8	80 - 120			
Selenium	40	1.0	50.0		80.6	80 - 120			
Silver	48	1.0	50.0		95.2	80 - 120			
Thallium	46	1.0	50.0		92.5	80 - 120			
Vanadium	45	1.0	50.0		91.0	80 - 120			
Zinc	43	1.0	50.0		86.9	80 - 120			
Duplicate (B2A0138-DUP1)		**Source: 1200012-20**			Prepared: 1/5/2012 Analyzed: 1/5/2012				
Antimony	ND	2.0		ND	NR			20	

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Total Metals by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0138 - EPA 3050B (continued)									
Duplicate (B2A0138-DUP1) - Continued		**Source: 1200012-20**			Prepared: 1/5/2012 Analyzed: 1/5/2012				
Arsenic	ND	1.0		ND	NR			20	
Barium	8.0	1.0		9.0	NR		11.0	20	
Beryllium	ND	1.0		ND	NR			20	
Cadmium	1.3	1.0		1.3	NR		2.03	20	
Chromium	8.8	1.0		11	NR		17.3	20	
Cobalt	17	1.0		17	NR		3.55	20	
Copper	36	2.0		36	NR		1.33	20	
Lead	0.70	1.0		0.70	NR		0.938	20	
Molybdenum	ND	1.0		ND	NR			20	
Nickel	8.7	1.0		9.9	NR		13.1	20	
Selenium	ND	1.0		ND	NR			20	
Silver	ND	1.0		ND	NR			20	
Thallium	ND	1.0		ND	NR			20	
Vanadium	140	1.0		140	NR		2.19	20	
Zinc	50	1.0		52	NR		4.04	20	
Matrix Spike (B2A0138-MS1)		**Source: 1200012-20**			Prepared: 1/5/2012 Analyzed: 1/5/2012				
Antimony	71	2.0	125	ND	56.7	44 - 105			
Arsenic	77	1.0	125	ND	61.9	57 - 103			
Barium	96	1.0	125	9.0	69.5	36 - 134			
Beryllium	81	1.0	125	ND	64.9	64 - 106			
Cadmium	78	1.0	125	1.3	61.6	58 - 102			
Chromium	95	1.0	125	11	67.6	55 - 105			
Cobalt	97	1.0	125	17	63.8	59 - 105			
Copper	140	2.0	125	36	81.6	64 - 117			
Lead	81	1.0	125	0.70	64.3	46 - 116			
Molybdenum	80	1.0	125	ND	63.8	59 - 108			
Nickel	89	1.0	125	9.9	62.9	52 - 109			
Selenium	57	1.0	125	ND	45.6	56 - 100			M1
Silver	89	1.0	125	ND	71.2	65 - 107			
Thallium	66	1.0	125	ND	52.5	47 - 100			
Vanadium	240	1.0	125	140	76.2	64 - 110			
Zinc	130	1.0	125	52	59.7	37 - 123			
Matrix Spike Dup (B2A0138-MSD1)		**Source: 1200012-20**			Prepared: 1/5/2012 Analyzed: 1/5/2012				
Antimony	77	2.0	125	ND	61.7	44 - 105	8.49	20	
Arsenic	81	1.0	125	ND	64.7	57 - 103	4.37	20	
Barium	100	1.0	125	9.0	72.6	36 - 134	4.00	20	
Beryllium	84	1.0	125	ND	66.9	64 - 106	3.11	20	
Cadmium	81	1.0	125	1.3	63.7	58 - 102	3.30	20	
Chromium	97	1.0	125	11	69.5	55 - 105	2.42	20	
Cobalt	100	1.0	125	17	66.4	59 - 105	3.24	20	
Copper	150	2.0	125	36	87.4	64 - 117	5.12	20	

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Total Metals by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0138 - EPA 3050B (continued)									
Matrix Spike Dup (B2A0138-MSD1) - Continued		**Source: 1200012-20**			Prepared: 1/5/2012 Analyzed: 1/5/2012				
Lead	85	1.0	125	0.70	67.0	46 - 116	4.07	20	
Molybdenum	84	1.0	125	ND	67.4	59 - 108	5.47	20	
Nickel	91	1.0	125	9.9	65.1	52 - 109	2.96	20	
Selenium	60	1.0	125	ND	48.0	56 - 100	5.16	20	M1
Silver	93	1.0	125	ND	74.3	65 - 107	4.33	20	
Thallium	67	1.0	125	ND	53.4	47 - 100	1.82	20	
Vanadium	240	1.0	125	140	79.7	64 - 110	1.82	20	
Zinc	130	1.0	125	52	62.7	37 - 123	2.85	20	
Batch B2A0139 - EPA 3050B									
Blank (B2A0139-BLK1)					Prepared: 1/5/2012 Analyzed: 1/5/2012				
Antimony	ND	2.0			NR				
Arsenic	ND	1.0			NR				
Barium	ND	1.0			NR				
Beryllium	ND	1.0			NR				
Cadmium	ND	1.0			NR				
Chromium	ND	1.0			NR				
Cobalt	ND	1.0			NR				
Copper	ND	2.0			NR				
Lead	ND	1.0			NR				
Molybdenum	ND	1.0			NR				
Nickel	ND	1.0			NR				
Selenium	ND	1.0			NR				
Silver	ND	1.0			NR				
Thallium	ND	1.0			NR				
Vanadium	ND	1.0			NR				
Zinc	ND	1.0			NR				
Duplicate (B2A0139-DUP1)		**Source: 1200012-30**			Prepared: 1/5/2012 Analyzed: 1/5/2012				
Antimony	0.26	2.0		0.24	NR		8.81	20	
Arsenic	4.0	1.0		4.8	NR		18.8	20	
Barium	76	1.0		97	NR		24.9	20	R
Beryllium	ND	1.0		ND	NR			20	
Cadmium	0.73	1.0		0.85	NR		15.6	20	
Chromium	25	1.0		30	NR		16.8	20	
Cobalt	13	1.0		15	NR		14.3	20	
Copper	40	2.0		46	NR		14.1	20	
Lead	23	1.0		23	NR		1.32	20	
Molybdenum	ND	1.0		ND	NR			20	
Nickel	33	1.0		38	NR		15.5	20	
Selenium	ND	1.0		ND	NR			20	
Silver	ND	1.0		ND	NR			20	
Thallium	ND	1.0		ND	NR			20	

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Total Metals by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0139 - EPA 3050B (continued)									
Duplicate (B2A0139-DUP1) - Continued		**Source: 1200012-30**			Prepared: 1/5/2012 Analyzed: 1/5/2012				
Vanadium	51	1.0		61	NR		17.3	20	
Zinc	49	1.0		51	NR		2.84	20	
Matrix Spike (B2A0139-MS1)		**Source: 1200012-30**			Prepared: 1/5/2012 Analyzed: 1/6/2012				
Antimony	92	20	125	0.24	73.8	44 - 105			
Arsenic	100	10	125	4.8	79.7	57 - 103			
Barium	130	10	125	97	24.2	36 - 134			M1
Beryllium	110	10	125	ND	89.3	64 - 106			
Cadmium	110	10	125	0.85	91.3	58 - 102			
Chromium	130	10	125	30	81.5	55 - 105			
Cobalt	140	10	125	15	104	59 - 105			
Copper	160	20	125	46	92.4	64 - 117			
Lead	120	10	125	23	74.5	46 - 116			
Molybdenum	110	10	125	ND	85.1	59 - 108			
Nickel	130	10	125	38	74.5	52 - 109			
Selenium	82	10	125	ND	65.4	56 - 100			
Silver	110	10	125	ND	86.1	65 - 107			
Thallium	94	10	125	ND	75.2	47 - 100			
Vanadium	310	10	125	61	198	64 - 110			M1
Zinc	190	10	125	51	113	37 - 123			
Matrix Spike Dup (B2A0139-MSD1)		**Source: 1200012-30**			Prepared: 1/5/2012 Analyzed: 1/5/2012				
Antimony	78	2.0	125	0.24	62.0	44 - 105	17.4	20	
Arsenic	92	1.0	125	4.8	70.1	57 - 103	12.2	20	
Barium	180	1.0	125	97	63.0	36 - 134	32.0	20	R
Beryllium	93	1.0	125	ND	74.3	64 - 106	18.3	20	
Cadmium	87	1.0	125	0.85	68.8	58 - 102	27.8	20	R
Chromium	120	1.0	125	30	74.1	55 - 105	7.32	20	
Cobalt	100	1.0	125	15	68.3	59 - 105	35.9	20	R
Copper	150	2.0	125	46	82.5	64 - 117	7.97	20	
Lead	110	1.0	125	23	69.6	46 - 116	5.46	20	
Molybdenum	91	1.0	125	ND	72.8	59 - 108	15.6	20	
Nickel	120	1.0	125	38	66.1	52 - 109	8.34	20	
Selenium	77	1.0	125	ND	61.3	56 - 100	6.46	20	
Silver	100	1.0	125	ND	80.0	65 - 107	7.37	20	
Thallium	88	1.0	125	ND	70.0	47 - 100	7.16	20	
Vanadium	150	1.0	125	61	72.3	64 - 110	68.5	20	R
Zinc	130	1.0	125	51	63.5	37 - 123	38.3	20	R
Batch B2A0140 - EPA 3050B									
Blank (B2A0140-BLK1)					Prepared: 1/5/2012 Analyzed: 1/5/2012				
Antimony	ND	2.0			NR				
Arsenic	ND	1.0			NR				

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Total Metals by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0140 - EPA 3050B (continued)									
Blank (B2A0140-BLK1) - Continued					Prepared: 1/5/2012 Analyzed: 1/5/2012				
Barium	ND	1.0			NR				
Beryllium	ND	1.0			NR				
Cadmium	ND	1.0			NR				
Chromium	ND	1.0			NR				
Cobalt	ND	1.0			NR				
Copper	ND	2.0			NR				
Lead	ND	1.0			NR				
Molybdenum	ND	1.0			NR				
Nickel	ND	1.0			NR				
Selenium	ND	1.0			NR				
Silver	ND	1.0			NR				
Thallium	ND	1.0			NR				
Vanadium	ND	1.0			NR				
Zinc	ND	1.0			NR				
LCS (B2A0140-BS1)					Prepared: 1/5/2012 Analyzed: 1/5/2012				
Antimony	44	2.0	50.0		89.0	80 - 120			
Arsenic	43	1.0	50.0		86.7	80 - 120			
Barium	47	1.0	50.0		93.4	80 - 120			
Beryllium	46	1.0	50.0		92.9	80 - 120			
Cadmium	44	1.0	50.0		88.1	80 - 120			
Chromium	46	1.0	50.0		91.5	80 - 120			
Cobalt	43	1.0	50.0		86.8	80 - 120			
Copper	46	2.0	50.0		92.0	80 - 120			
Lead	47	1.0	50.0		93.1	80 - 120			
Molybdenum	46	1.0	50.0		92.9	80 - 120			
Nickel	44	1.0	50.0		88.4	80 - 120			
Selenium	41	1.0	50.0		82.2	80 - 120			
Silver	47	1.0	50.0		94.7	80 - 120			
Thallium	47	1.0	50.0		94.1	80 - 120			
Vanadium	45	1.0	50.0		90.6	80 - 120			
Zinc	44	1.0	50.0		88.1	80 - 120			
Duplicate (B2A0140-DUP1)		**Source: 1200012-40**			Prepared: 1/5/2012 Analyzed: 1/5/2012				
Antimony	0.79	2.0		0.75	NR		5.26	20	
Arsenic	8.7	1.0		8.8	NR		1.17	20	
Barium	290	1.0		260	NR		9.66	20	
Beryllium	0.64	1.0		0.75	NR		14.8	20	
Cadmium	0.78	1.0		0.84	NR		8.32	20	
Chromium	31	1.0		30	NR		6.34	20	
Cobalt	12	1.0		14	NR		16.7	20	
Copper	40	2.0		38	NR		3.42	20	
Lead	7.8	1.0		8.9	NR		12.6	20	

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Total Metals by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0140 - EPA 3050B (continued)									
Duplicate (B2A0140-DUP1) - Continued		**Source: 1200012-40**			Prepared: 1/5/2012 Analyzed: 1/5/2012				
Molybdenum	ND	1.0		ND	NR			20	
Nickel	36	1.0		41	NR		13.2	20	
Selenium	ND	1.0		ND	NR			20	
Silver	ND	1.0		ND	NR			20	
Thallium	ND	1.0		ND	NR			20	
Vanadium	40	1.0		38	NR		5.32	20	
Zinc	48	1.0		48	NR		1.78	20	
Matrix Spike (B2A0140-MS1)		**Source: 1200012-40**			Prepared: 1/5/2012 Analyzed: 1/5/2012				
Antimony	94	2.0	125	0.75	74.7	44 - 105			
Arsenic	100	1.0	125	8.8	76.0	57 - 103			
Barium	340	1.0	125	260	62.7	36 - 134			
Beryllium	100	1.0	125	0.75	83.4	64 - 106			
Cadmium	98	1.0	125	0.84	77.7	58 - 102			
Chromium	130	1.0	125	30	82.8	55 - 105			
Cobalt	110	1.0	125	14	78.4	59 - 105			
Copper	150	2.0	125	38	92.8	64 - 117			
Lead	110	1.0	125	8.9	80.6	46 - 116			
Molybdenum	100	1.0	125	ND	81.2	59 - 108			
Nickel	130	1.0	125	41	71.9	52 - 109			
Selenium	84	1.0	125	ND	67.6	56 - 100			
Silver	110	1.0	125	ND	86.3	65 - 107			
Thallium	100	1.0	125	ND	80.9	47 - 100			
Vanadium	140	1.0	125	38	82.6	64 - 110			
Zinc	140	1.0	125	48	75.2	37 - 123			
Matrix Spike Dup (B2A0140-MSD1)		**Source: 1200012-40**			Prepared: 1/5/2012 Analyzed: 1/5/2012				
Antimony	97	2.0	125	0.75	77.1	44 - 105	3.10	20	
Arsenic	110	1.0	125	8.8	79.2	57 - 103	3.83	20	
Barium	350	1.0	125	260	68.5	36 - 134	2.09	20	
Beryllium	110	1.0	125	0.75	85.6	64 - 106	2.64	20	
Cadmium	100	1.0	125	0.84	79.1	58 - 102	1.69	20	
Chromium	130	1.0	125	30	83.4	55 - 105	0.570	20	
Cobalt	110	1.0	125	14	78.7	59 - 105	0.346	20	
Copper	150	2.0	125	38	91.3	64 - 117	1.22	20	
Lead	110	1.0	125	8.9	82.1	46 - 116	1.72	20	
Molybdenum	100	1.0	125	ND	83.0	59 - 108	2.21	20	
Nickel	130	1.0	125	41	71.9	52 - 109	0.0496	20	
Selenium	86	1.0	125	ND	69.2	56 - 100	2.34	20	
Silver	110	1.0	125	ND	87.4	65 - 107	1.25	20	
Thallium	100	1.0	125	ND	83.0	47 - 100	2.52	20	
Vanadium	140	1.0	125	38	83.0	64 - 110	0.381	20	
Zinc	140	1.0	125	48	74.1	37 - 123	0.969	20	

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Total Metals by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0141 - EPA 3050B									
Blank (B2A0141-BLK1)					Prepared: 1/5/2012 Analyzed: 1/5/2012				
Antimony	ND	2.0			NR				
Arsenic	ND	1.0			NR				
Barium	ND	1.0			NR				
Beryllium	ND	1.0			NR				
Cadmium	ND	1.0			NR				
Chromium	ND	1.0			NR				
Cobalt	ND	1.0			NR				
Copper	ND	2.0			NR				
Lead	ND	1.0			NR				
Molybdenum	ND	1.0			NR				
Nickel	ND	1.0			NR				
Selenium	ND	1.0			NR				
Silver	ND	1.0			NR				
Thallium	ND	1.0			NR				
Vanadium	ND	1.0			NR				
Zinc	ND	1.0			NR				
LCS (B2A0141-BS1)					Prepared: 1/5/2012 Analyzed: 1/5/2012				
Antimony	45	2.0	50.0		89.8	80 - 120			
Arsenic	43	1.0	50.0		86.2	80 - 120			
Barium	47	1.0	50.0		94.7	80 - 120			
Beryllium	47	1.0	50.0		93.6	80 - 120			
Cadmium	44	1.0	50.0		88.5	80 - 120			
Chromium	46	1.0	50.0		92.9	80 - 120			
Cobalt	44	1.0	50.0		88.2	80 - 120			
Copper	47	2.0	50.0		94.6	80 - 120			
Lead	46	1.0	50.0		92.7	80 - 120			
Molybdenum	47	1.0	50.0		94.2	80 - 120			
Nickel	45	1.0	50.0		89.3	80 - 120			
Selenium	41	1.0	50.0		81.8	80 - 120			
Silver	49	1.0	50.0		98.6	80 - 120			
Thallium	47	1.0	50.0		94.2	80 - 120			
Vanadium	46	1.0	50.0		92.4	80 - 120			
Zinc	44	1.0	50.0		88.6	80 - 120			
Duplicate (B2A0141-DUP1)		**Source: 1200012-50**			Prepared: 1/5/2012 Analyzed: 1/5/2012				
Antimony	1.1	2.0		1.0	NR		3.64	20	
Arsenic	7.3	1.0		8.2	NR		12.1	20	
Barium	180	1.0		180	NR		1.24	20	
Beryllium	0.39	1.0		0.38	NR		2.62	20	
Cadmium	0.92	1.0		0.88	NR		4.14	20	
Chromium	44	1.0		41	NR		7.81	20	
Cobalt	15	1.0		18	NR		19.0	20	
Copper	49	2.0		45	NR		8.99	20	

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Total Metals by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0141 - EPA 3050B (continued)									
Duplicate (B2A0141-DUP1) - Continued		**Source: 1200012-50**			Prepared: 1/5/2012 Analyzed: 1/5/2012				
Lead	14	1.0		15	NR		3.55	20	
Molybdenum	ND	1.0		ND	NR			20	
Nickel	49	1.0		47	NR		3.72	20	
Selenium	ND	1.0		ND	NR			20	
Silver	ND	1.0		ND	NR			20	
Thallium	ND	1.0		ND	NR			20	
Vanadium	45	1.0		47	NR		2.71	20	
Zinc	67	1.0		61	NR		8.84	20	
Matrix Spike (B2A0141-MS1)		**Source: 1200012-50**			Prepared: 1/5/2012 Analyzed: 1/5/2012				
Antimony	86	2.0	125	1.0	67.6	44 - 105			
Arsenic	99	1.0	125	8.2	72.7	57 - 103			
Barium	280	1.0	125	180	78.2	36 - 134			
Beryllium	100	1.0	125	0.38	79.6	64 - 106			
Cadmium	92	1.0	125	0.88	72.9	58 - 102			
Chromium	140	1.0	125	41	80.5	55 - 105			
Cobalt	110	1.0	125	18	75.1	59 - 105			
Copper	160	2.0	125	45	90.6	64 - 117			
Lead	110	1.0	125	15	78.3	46 - 116			
Molybdenum	96	1.0	125	ND	76.8	59 - 108			
Nickel	140	1.0	125	47	74.3	52 - 109			
Selenium	78	1.0	125	ND	62.3	56 - 100			
Silver	100	1.0	125	ND	82.2	65 - 107			
Thallium	95	1.0	125	ND	75.7	47 - 100			
Vanadium	150	1.0	125	47	79.0	64 - 110			
Zinc	150	1.0	125	61	73.0	37 - 123			
Matrix Spike Dup (B2A0141-MSD1)		**Source: 1200012-50**			Prepared: 1/5/2012 Analyzed: 1/5/2012				
Antimony	91	2.0	125	1.0	71.9	44 - 105	6.12	20	
Arsenic	100	1.0	125	8.2	75.5	57 - 103	3.44	20	
Barium	250	1.0	125	180	57.1	36 - 134	10.0	20	
Beryllium	100	1.0	125	0.38	81.7	64 - 106	2.59	20	
Cadmium	95	1.0	125	0.88	75.3	58 - 102	3.11	20	
Chromium	140	1.0	125	41	78.9	55 - 105	1.39	20	
Cobalt	110	1.0	125	18	73.6	59 - 105	1.64	20	
Copper	160	2.0	125	45	91.9	64 - 117	0.994	20	
Lead	110	1.0	125	15	77.1	46 - 116	1.31	20	
Molybdenum	98	1.0	125	ND	78.1	59 - 108	1.73	20	
Nickel	140	1.0	125	47	74.9	52 - 109	0.499	20	
Selenium	82	1.0	125	ND	65.7	56 - 100	5.31	20	
Silver	110	1.0	125	ND	84.9	65 - 107	3.19	20	
Thallium	100	1.0	125	ND	80.0	47 - 100	5.43	20	
Vanadium	140	1.0	125	47	74.8	64 - 110	3.67	20	

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Total Metals by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0141 - EPA 3050B (continued)									
Matrix Spike Dup (B2A0141-MSD1) - Continued		**Source: 1200012-50**			Prepared: 1/5/2012 Analyzed: 1/5/2012				
Zinc	160	1.0	125	61	75.5	37 - 123	1.98	20	
Batch B2A0142 - EPA 3050B									
Blank (B2A0142-BLK1)					Prepared: 1/5/2012 Analyzed: 1/6/2012				
Antimony	ND	2.0			NR				
Arsenic	ND	1.0			NR				
Barium	ND	1.0			NR				
Beryllium	ND	1.0			NR				
Cadmium	ND	1.0			NR				
Chromium	ND	1.0			NR				
Cobalt	ND	1.0			NR				
Copper	ND	2.0			NR				
Lead	ND	1.0			NR				
Molybdenum	ND	1.0			NR				
Nickel	ND	1.0			NR				
Selenium	ND	1.0			NR				
Silver	ND	1.0			NR				
Thallium	ND	1.0			NR				
Vanadium	ND	1.0			NR				
Zinc	ND	1.0			NR				
LCS (B2A0142-BS1)					Prepared: 1/5/2012 Analyzed: 1/6/2012				
Antimony	45	2.0	50.0		89.6	80 - 120			
Arsenic	45	1.0	50.0		89.3	80 - 120			
Barium	47	1.0	50.0		94.7	80 - 120			
Beryllium	48	1.0	50.0		95.0	80 - 120			
Cadmium	45	1.0	50.0		90.7	80 - 120			
Chromium	46	1.0	50.0		92.6	80 - 120			
Cobalt	46	1.0	50.0		92.5	80 - 120			
Copper	47	2.0	50.0		93.7	80 - 120			
Lead	47	1.0	50.0		94.1	80 - 120			
Molybdenum	49	1.0	50.0		97.1	80 - 120			
Nickel	46	1.0	50.0		92.0	80 - 120			
Selenium	43	1.0	50.0		86.2	80 - 120			
Silver	46	1.0	50.0		91.7	80 - 120			
Thallium	47	1.0	50.0		94.6	80 - 120			
Vanadium	48	1.0	50.0		95.0	80 - 120			
Zinc	46	1.0	50.0		91.3	80 - 120			
Duplicate (B2A0142-DUP1)		**Source: 1200012-60**			Prepared: 1/5/2012 Analyzed: 1/6/2012				
Antimony	ND	2.0		ND	NR			20	
Arsenic	ND	1.0		ND	NR			20	
Barium	10	1.0		8.6	NR		18.2	20	

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Total Metals by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0142 - EPA 3050B (continued)									
Duplicate (B2A0142-DUP1) - Continued		**Source: 1200012-60**			Prepared: 1/5/2012 Analyzed: 1/6/2012				
Beryllium	ND	1.0		ND	NR			20	
Cadmium	ND	1.0		ND	NR			20	
Chromium	8.3	1.0		8.2	NR		1.30	20	
Cobalt	16	1.0		17	NR		1.99	20	
Copper	30	2.0		33	NR		9.44	20	
Lead	ND	1.0		ND	NR			20	
Molybdenum	ND	1.0		ND	NR			20	
Nickel	10	1.0		10	NR		2.74	20	
Selenium	ND	1.0		ND	NR			20	
Silver	0.22	1.0		0.17	NR		27.1	20	R
Thallium	ND	1.0		ND	NR			20	
Vanadium	140	1.0		140	NR		4.07	20	
Zinc	48	1.0		47	NR		1.46	20	
Matrix Spike (B2A0142-MS1)		**Source: 1200012-60**			Prepared: 1/5/2012 Analyzed: 1/6/2012				
Antimony	68	2.0	125	ND	54.2	44 - 105			
Arsenic	77	1.0	125	ND	61.2	57 - 103			
Barium	94	1.0	125	8.6	68.5	36 - 134			
Beryllium	79	1.0	125	ND	63.3	64 - 106			M1
Cadmium	73	1.0	125	ND	58.8	58 - 102			
Chromium	89	1.0	125	8.2	64.5	55 - 105			
Cobalt	95	1.0	125	17	62.6	59 - 105			
Copper	120	2.0	125	33	73.1	64 - 117			
Lead	78	1.0	125	ND	62.3	46 - 116			
Molybdenum	78	1.0	125	ND	62.1	59 - 108			
Nickel	92	1.0	125	10	65.3	52 - 109			
Selenium	67	1.0	125	ND	53.4	56 - 100			M1
Silver	89	1.0	125	0.17	70.7	65 - 107			
Thallium	74	1.0	125	ND	59.6	47 - 100			
Vanadium	220	1.0	125	140	65.5	64 - 110			
Zinc	130	1.0	125	47	62.5	37 - 123			
Matrix Spike Dup (B2A0142-MSD1)		**Source: 1200012-60**			Prepared: 1/5/2012 Analyzed: 1/6/2012				
Antimony	76	2.0	125	ND	61.2	44 - 105	12.0	20	
Arsenic	81	1.0	125	ND	64.9	57 - 103	5.76	20	
Barium	98	1.0	125	8.6	71.9	36 - 134	4.41	20	
Beryllium	82	1.0	125	ND	66.0	64 - 106	4.15	20	
Cadmium	77	1.0	125	ND	61.9	58 - 102	5.11	20	
Chromium	94	1.0	125	8.2	68.8	55 - 105	5.96	20	
Cobalt	99	1.0	125	17	65.7	59 - 105	4.07	20	
Copper	140	2.0	125	33	83.2	64 - 117	9.75	20	
Lead	83	1.0	125	ND	66.2	46 - 116	6.04	20	
Molybdenum	83	1.0	125	ND	66.4	59 - 108	6.68	20	

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Total Metals by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0142 - EPA 3050B (continued)									
Matrix Spike Dup (B2A0142-MSD1) - Continued		**Source: 1200012-60**			Prepared: 1/5/2012 Analyzed: 1/6/2012				
Nickel	97	1.0	125	10	69.6	52 - 109	5.70	20	
Selenium	73	1.0	125	ND	58.2	56 - 100	8.55	20	
Silver	94	1.0	125	0.17	74.7	65 - 107	5.49	20	
Thallium	76	1.0	125	ND	61.1	47 - 100	2.53	20	
Vanadium	220	1.0	125	140	65.5	64 - 110	0.0165	20	
Zinc	130	1.0	125	47	66.4	37 - 123	3.82	20	
Batch B2A0143 - EPA 3050B									
Blank (B2A0143-BLK1)					Prepared: 1/5/2012 Analyzed: 1/6/2012				
Antimony	ND	2.0			NR				
Arsenic	ND	1.0			NR				
Barium	ND	1.0			NR				
Beryllium	ND	1.0			NR				
Cadmium	ND	1.0			NR				
Chromium	ND	1.0			NR				
Cobalt	ND	1.0			NR				
Copper	ND	2.0			NR				
Lead	ND	1.0			NR				
Molybdenum	ND	1.0			NR				
Nickel	ND	1.0			NR				
Selenium	ND	1.0			NR				
Silver	ND	1.0			NR				
Thallium	ND	1.0			NR				
Vanadium	ND	1.0			NR				
Zinc	ND	1.0			NR				
LCS (B2A0143-BS1)					Prepared: 1/5/2012 Analyzed: 1/6/2012				
Antimony	46	2.0	50.0		91.1	80 - 120			
Arsenic	45	1.0	50.0		90.1	80 - 120			
Barium	48	1.0	50.0		95.5	80 - 120			
Beryllium	47	1.0	50.0		94.0	80 - 120			
Cadmium	46	1.0	50.0		92.5	80 - 120			
Chromium	47	1.0	50.0		94.2	80 - 120			
Cobalt	47	1.0	50.0		94.6	80 - 120			
Copper	47	2.0	50.0		94.9	80 - 120			
Lead	48	1.0	50.0		96.2	80 - 120			
Molybdenum	49	1.0	50.0		98.5	80 - 120			
Nickel	47	1.0	50.0		94.1	80 - 120			
Selenium	44	1.0	50.0		87.9	80 - 120			
Silver	47	1.0	50.0		93.5	80 - 120			
Thallium	48	1.0	50.0		96.2	80 - 120			
Vanadium	48	1.0	50.0		96.8	80 - 120			
Zinc	47	1.0	50.0		94.0	80 - 120			

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Total Metals by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0143 - EPA 3050B (continued)									
LCS (B2A0143-BS1) - Continued					Prepared: 1/5/2012 Analyzed: 1/6/2012				
Duplicate (B2A0143-DUP1)		**Source: 1200012-70**			Prepared: 1/5/2012 Analyzed: 1/6/2012				
Antimony	ND	200		ND	NR			20	D5
Arsenic	12	100		6.2	NR		65.4	20	D5, R
Barium	29	100		110	NR		117	20	D5, R
Beryllium	ND	100		0.30	NR			20	D5
Cadmium	ND	100		ND	NR			20	D5
Chromium	3.6	100		29	NR		155	20	D5, R
Cobalt	3.6	100		12	NR		107	20	D5, R
Copper	ND	200		32	NR			20	D5, R
Lead	5.5	100		38	NR		149	20	D5, R
Molybdenum	ND	100		ND	NR			20	D5
Nickel	9.8	100		36	NR		114	20	D5, R
Selenium	ND	100		ND	NR			20	D5
Silver	ND	100		0.10	NR			20	D5
Thallium	ND	100		ND	NR			20	D5
Vanadium	7.2	100		34	NR		131	20	D5, R
Zinc	ND	100		54	NR			20	D5, R
Matrix Spike (B2A0143-MS1)		**Source: 1200012-70**			Prepared: 1/5/2012 Analyzed: 1/6/2012				
Antimony	73	2.0	125	ND	58.1	44 - 105			
Arsenic	95	1.0	125	6.2	71.0	57 - 103			
Barium	190	1.0	125	110	65.9	36 - 134			
Beryllium	94	1.0	125	0.30	75.0	64 - 106			
Cadmium	87	1.0	125	ND	69.5	58 - 102			
Chromium	120	1.0	125	29	73.5	55 - 105			
Cobalt	100	1.0	125	12	73.5	59 - 105			
Copper	130	2.0	125	32	77.7	64 - 117			
Lead	130	1.0	125	38	73.0	46 - 116			
Molybdenum	92	1.0	125	ND	73.6	59 - 108			
Nickel	120	1.0	125	36	71.4	52 - 109			
Selenium	85	1.0	125	ND	68.3	56 - 100			
Silver	96	1.0	125	0.10	76.6	65 - 107			
Thallium	92	1.0	125	ND	73.3	47 - 100			
Vanadium	130	1.0	125	34	74.0	64 - 110			
Zinc	140	1.0	125	54	67.1	37 - 123			
Matrix Spike Dup (B2A0143-MSD1)		**Source: 1200012-70**			Prepared: 1/5/2012 Analyzed: 1/6/2012				
Antimony	71	2.0	125	ND	56.6	44 - 105	2.53	20	
Arsenic	96	1.0	125	6.2	71.5	57 - 103	0.730	20	
Barium	200	1.0	125	110	72.7	36 - 134	4.35	20	
Beryllium	97	1.0	125	0.30	77.7	64 - 106	3.46	20	
Cadmium	89	1.0	125	ND	71.3	58 - 102	2.54	20	
Chromium	130	1.0	125	29	79.0	55 - 105	5.56	20	

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Total Metals by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0143 - EPA 3050B (continued)									
Matrix Spike Dup (B2A0143-MSD1) - Continued		**Source: 1200012-70**			Prepared: 1/5/2012 Analyzed: 1/6/2012				
Cobalt	110	1.0	125	12	75.4	59 - 105	2.18	20	
Copper	140	2.0	125	32	83.0	64 - 117	4.96	20	
Lead	160	1.0	125	38	101	46 - 116	24.1	20	R
Molybdenum	94	1.0	125	ND	75.6	59 - 108	2.65	20	
Nickel	130	1.0	125	36	74.4	52 - 109	2.96	20	
Selenium	89	1.0	125	ND	71.6	56 - 100	4.73	20	
Silver	100	1.0	125	0.10	79.8	65 - 107	4.01	20	
Thallium	94	1.0	125	ND	75.4	47 - 100	2.83	20	
Vanadium	130	1.0	125	34	80.1	64 - 110	5.75	20	
Zinc	140	1.0	125	54	69.8	37 - 123	2.34	20	
Batch B2A0144 - EPA 3050B									
Blank (B2A0144-BLK1)					Prepared: 1/5/2012 Analyzed: 1/6/2012				
Antimony	ND	2.0			NR				
Arsenic	ND	1.0			NR				
Barium	ND	1.0			NR				
Beryllium	ND	1.0			NR				
Cadmium	ND	1.0			NR				
Chromium	ND	1.0			NR				
Cobalt	ND	1.0			NR				
Copper	ND	2.0			NR				
Lead	ND	1.0			NR				
Molybdenum	ND	1.0			NR				
Nickel	ND	1.0			NR				
Selenium	ND	1.0			NR				
Silver	ND	1.0			NR				
Thallium	ND	1.0			NR				
Vanadium	ND	1.0			NR				
Zinc	ND	1.0			NR				
LCS (B2A0144-BS1)					Prepared: 1/5/2012 Analyzed: 1/6/2012				
Antimony	46	2.0	50.0		92.5	80 - 120			
Arsenic	45	1.0	50.0		90.9	80 - 120			
Barium	46	1.0	50.0		92.8	80 - 120			
Beryllium	46	1.0	50.0		92.4	80 - 120			
Cadmium	44	1.0	50.0		88.9	80 - 120			
Chromium	46	1.0	50.0		91.2	80 - 120			
Cobalt	46	1.0	50.0		92.5	80 - 120			
Copper	46	2.0	50.0		92.3	80 - 120			
Lead	49	1.0	50.0		97.5	80 - 120			
Molybdenum	50	1.0	50.0		99.4	80 - 120			
Nickel	46	1.0	50.0		92.0	80 - 120			
Selenium	44	1.0	50.0		88.2	80 - 120			

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Total Metals by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0144 - EPA 3050B (continued)									
LCS (B2A0144-BS1) - Continued					Prepared: 1/5/2012 Analyzed: 1/6/2012				
Silver	46	1.0	50.0		92.0	80 - 120			
Thallium	49	1.0	50.0		97.9	80 - 120			
Vanadium	47	1.0	50.0		94.3	80 - 120			
Zinc	45	1.0	50.0		90.3	80 - 120			
Duplicate (B2A0144-DUP1)		**Source: 1200012-80**			Prepared: 1/5/2012 Analyzed: 1/6/2012				
Antimony	ND	2.0		ND	NR			20	
Arsenic	4.5	1.0		4.4	NR		3.03	20	
Barium	130	1.0		89	NR		35.2	20	R
Beryllium	0.25	1.0		0.21	NR		16.1	20	
Cadmium	ND	1.0		ND	NR			20	
Chromium	22	1.0		21	NR		5.40	20	
Cobalt	16	1.0		9.9	NR		48.2	20	R
Copper	23	2.0		20	NR		11.5	20	
Lead	22	1.0		26	NR		16.5	20	
Molybdenum	ND	1.0		ND	NR			20	
Nickel	39	1.0		28	NR		33.2	20	R
Selenium	ND	1.0		ND	NR			20	
Silver	0.11	1.0		0.06	NR		64.8	20	R
Thallium	0.25	1.0		ND	NR			20	
Vanadium	30	1.0		25	NR		15.3	20	
Zinc	37	1.0		34	NR		8.94	20	
Matrix Spike (B2A0144-MS1)		**Source: 1200012-80**			Prepared: 1/5/2012 Analyzed: 1/6/2012				
Antimony	77	2.0	125	ND	61.7	44 - 105			
Arsenic	97	1.0	125	4.4	74.1	57 - 103			
Barium	230	1.0	125	89	112	36 - 134			
Beryllium	96	1.0	125	0.21	76.8	64 - 106			
Cadmium	89	1.0	125	ND	71.1	58 - 102			
Chromium	130	1.0	125	21	83.8	55 - 105			
Cobalt	110	1.0	125	9.9	77.1	59 - 105			
Copper	140	2.0	125	20	92.8	64 - 117			
Lead	110	1.0	125	26	69.4	46 - 116			
Molybdenum	95	1.0	125	ND	76.3	59 - 108			
Nickel	130	1.0	125	28	85.2	52 - 109			
Selenium	88	1.0	125	ND	70.2	56 - 100			
Silver	100	1.0	125	0.06	80.1	65 - 107			
Thallium	94	1.0	125	ND	75.1	47 - 100			
Vanadium	130	1.0	125	25	85.7	64 - 110			
Zinc	140	1.0	125	34	87.3	37 - 123			
Matrix Spike Dup (B2A0144-MSD1)		**Source: 1200012-80**			Prepared: 1/5/2012 Analyzed: 1/6/2012				
Antimony	71	2.0	125	ND	57.1	44 - 105	7.63	20	
Arsenic	99	1.0	125	4.4	75.8	57 - 103	2.17	20	

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Total Metals by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0144 - EPA 3050B (continued)									
Matrix Spike Dup (B2A0144-MSD1) - Continued		**Source: 1200012-80**			Prepared: 1/5/2012 Analyzed: 1/6/2012				
Barium	240	1.0	125	89	119	36 - 134	4.11	20	
Beryllium	97	1.0	125	0.21	77.8	64 - 106	1.32	20	
Cadmium	88	1.0	125	ND	70.6	58 - 102	0.666	20	
Chromium	130	1.0	125	21	86.4	55 - 105	2.56	20	
Cobalt	110	1.0	125	9.9	80.9	59 - 105	4.39	20	
Copper	140	2.0	125	20	98.0	64 - 117	4.67	20	
Lead	120	1.0	125	26	72.1	46 - 116	2.92	20	
Molybdenum	96	1.0	125	ND	76.4	59 - 108	0.201	20	
Nickel	140	1.0	125	28	89.7	52 - 109	4.17	20	
Selenium	88	1.0	125	ND	70.6	56 - 100	0.595	20	
Silver	100	1.0	125	0.06	80.4	65 - 107	0.442	20	
Thallium	94	1.0	125	ND	75.4	47 - 100	0.332	20	
Vanadium	130	1.0	125	25	86.4	64 - 110	0.664	20	
Zinc	150	1.0	125	34	91.7	37 - 123	3.75	20	
Batch B2A0145 - EPA 3050B									
Blank (B2A0145-BLK1)					Prepared: 1/5/2012 Analyzed: 1/6/2012				
Antimony	ND	2.0			NR				
Arsenic	ND	1.0			NR				
Barium	ND	1.0			NR				
Beryllium	ND	1.0			NR				
Cadmium	ND	1.0			NR				
Chromium	ND	1.0			NR				
Cobalt	ND	1.0			NR				
Copper	ND	2.0			NR				
Lead	ND	1.0			NR				
Molybdenum	ND	1.0			NR				
Nickel	ND	1.0			NR				
Selenium	ND	1.0			NR				
Silver	ND	1.0			NR				
Thallium	ND	1.0			NR				
Vanadium	ND	1.0			NR				
Zinc	ND	1.0			NR				
LCS (B2A0145-BS1)					Prepared: 1/5/2012 Analyzed: 1/6/2012				
Antimony	46	2.0	50.0		91.3	80 - 120			
Arsenic	45	1.0	50.0		89.5	80 - 120			
Barium	47	1.0	50.0		94.2	80 - 120			
Beryllium	47	1.0	50.0		93.8	80 - 120			
Cadmium	45	1.0	50.0		90.8	80 - 120			
Chromium	46	1.0	50.0		92.5	80 - 120			
Cobalt	47	1.0	50.0		94.6	80 - 120			
Copper	47	2.0	50.0		94.1	80 - 120			

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Total Metals by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0145 - EPA 3050B (continued)									
LCS (B2A0145-BS1) - Continued					Prepared: 1/5/2012 Analyzed: 1/6/2012				
Lead	48	1.0	50.0		96.3	80 - 120			
Molybdenum	49	1.0	50.0		98.4	80 - 120			
Nickel	47	1.0	50.0		93.5	80 - 120			
Selenium	44	1.0	50.0		88.1	80 - 120			
Silver	47	1.0	50.0		93.1	80 - 120			
Thallium	49	1.0	50.0		97.0	80 - 120			
Vanadium	48	1.0	50.0		96.3	80 - 120			
Zinc	46	1.0	50.0		92.7	80 - 120			
Duplicate (B2A0145-DUP1)		**Source: 1200012-90**			Prepared: 1/5/2012 Analyzed: 1/6/2012				
Antimony	ND	2.0		ND	NR			20	
Arsenic	ND	1.0		ND	NR			20	
Barium	9.3	1.0		7.8	NR		17.5	20	
Beryllium	ND	1.0		ND	NR			20	
Cadmium	ND	1.0		ND	NR			20	
Chromium	12	1.0		10	NR		13.3	20	
Cobalt	17	1.0		14	NR		21.0	20	R
Copper	34	2.0		30	NR		12.7	20	
Lead	0.50	1.0		0.42	NR		17.6	20	
Molybdenum	ND	1.0		ND	NR			20	
Nickel	12	1.0		9.9	NR		15.7	20	
Selenium	ND	1.0		ND	NR			20	
Silver	0.25	1.0		0.19	NR		29.5	20	R
Thallium	ND	1.0		ND	NR			20	
Vanadium	140	1.0		110	NR		26.7	20	R
Zinc	52	1.0		41	NR		24.0	20	R
Matrix Spike (B2A0145-MS1)		**Source: 1200012-90**			Prepared: 1/5/2012 Analyzed: 1/6/2012				
Antimony	65	2.0	125	ND	52.0	44 - 105			
Arsenic	79	1.0	125	ND	63.5	57 - 103			
Barium	90	1.0	125	7.8	65.4	36 - 134			
Beryllium	80	1.0	125	ND	64.2	64 - 106			
Cadmium	74	1.0	125	ND	58.9	58 - 102			
Chromium	92	1.0	125	10	65.4	55 - 105			
Cobalt	95	1.0	125	14	64.8	59 - 105			
Copper	130	2.0	125	30	76.6	64 - 117			
Lead	81	1.0	125	0.42	64.6	46 - 116			
Molybdenum	82	1.0	125	ND	65.4	59 - 108			
Nickel	96	1.0	125	9.9	68.8	52 - 109			
Selenium	72	1.0	125	ND	57.6	56 - 100			
Silver	91	1.0	125	0.19	72.3	65 - 107			
Thallium	74	1.0	125	ND	59.6	47 - 100			
Vanadium	210	1.0	125	110	87.5	64 - 110			

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Total Metals by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0145 - EPA 3050B (continued)									
Matrix Spike (B2A0145-MS1) - Continued		**Source: 1200012-90**			Prepared: 1/5/2012 Analyzed: 1/6/2012				
Zinc	120	1.0	125	41	62.9	37 - 123			
Matrix Spike Dup (B2A0145-MSD1)		**Source: 1200012-90**			Prepared: 1/5/2012 Analyzed: 1/6/2012				
Antimony	75	2.0	125	ND	59.8	44 - 105	13.9	20	
Arsenic	84	1.0	125	ND	67.0	57 - 103	5.41	20	
Barium	93	1.0	125	7.8	68.1	36 - 134	3.75	20	
Beryllium	85	1.0	125	ND	68.0	64 - 106	5.79	20	
Cadmium	78	1.0	125	ND	62.8	58 - 102	6.28	20	
Chromium	97	1.0	125	10	69.0	55 - 105	4.72	20	
Cobalt	98	1.0	125	14	67.5	59 - 105	3.45	20	
Copper	120	2.0	125	30	75.4	64 - 117	1.23	20	
Lead	85	1.0	125	0.42	67.5	46 - 116	4.35	20	
Molybdenum	86	1.0	125	ND	68.7	59 - 108	4.82	20	
Nickel	98	1.0	125	9.9	70.3	52 - 109	1.95	20	
Selenium	78	1.0	125	ND	62.3	56 - 100	7.79	20	
Silver	95	1.0	125	0.19	75.5	65 - 107	4.42	20	
Thallium	80	1.0	125	ND	64.4	47 - 100	7.74	20	
Vanadium	200	1.0	125	110	75.1	64 - 110	7.53	20	
Zinc	120	1.0	125	41	61.1	37 - 123	1.99	20	
Batch B2A0146 - EPA 3050B									
Blank (B2A0146-BLK1)					Prepared: 1/5/2012 Analyzed: 1/6/2012				
Antimony	ND	2.0			NR				
Arsenic	ND	1.0			NR				
Barium	ND	1.0			NR				
Beryllium	ND	1.0			NR				
Cadmium	ND	1.0			NR				
Chromium	ND	1.0			NR				
Cobalt	ND	1.0			NR				
Copper	ND	2.0			NR				
Lead	ND	1.0			NR				
Molybdenum	ND	1.0			NR				
Nickel	ND	1.0			NR				
Selenium	ND	1.0			NR				
Silver	ND	1.0			NR				
Thallium	ND	1.0			NR				
Vanadium	ND	1.0			NR				
Zinc	ND	1.0			NR				
LCS (B2A0146-BS1)					Prepared: 1/5/2012 Analyzed: 1/6/2012				
Antimony	44	2.0	50.0		87.6	80 - 120			
Arsenic	43	1.0	50.0		85.5	80 - 120			
Barium	45	1.0	50.0		90.3	80 - 120			

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Total Metals by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0146 - EPA 3050B (continued)									
LCS (B2A0146-BS1) - Continued					Prepared: 1/5/2012 Analyzed: 1/6/2012				
Beryllium	45	1.0	50.0		90.4	80 - 120			
Cadmium	43	1.0	50.0		86.7	80 - 120			
Chromium	45	1.0	50.0		89.4	80 - 120			
Cobalt	45	1.0	50.0		91.0	80 - 120			
Copper	45	2.0	50.0		90.7	80 - 120			
Lead	46	1.0	50.0		92.5	80 - 120			
Molybdenum	47	1.0	50.0		94.5	80 - 120			
Nickel	45	1.0	50.0		90.9	80 - 120			
Selenium	42	1.0	50.0		84.8	80 - 120			
Silver	44	1.0	50.0		88.9	80 - 120			
Thallium	47	1.0	50.0		93.4	80 - 120			
Vanadium	46	1.0	50.0		92.8	80 - 120			
Zinc	44	1.0	50.0		88.8	80 - 120			
Duplicate (B2A0146-DUP1)		**Source: 1200012-AA**			Prepared: 1/5/2012 Analyzed: 1/6/2012				
Antimony	ND	2.0		ND	NR			20	
Arsenic	1.8	1.0		1.5	NR		18.0	20	
Barium	31	1.0		28	NR		11.0	20	
Beryllium	ND	1.0		ND	NR			20	
Cadmium	ND	1.0		ND	NR			20	
Chromium	36	1.0		26	NR		30.4	20	R
Cobalt	12	1.0		13	NR		8.91	20	
Copper	36	2.0		40	NR		9.91	20	
Lead	15	1.0		20	NR		24.2	20	R
Molybdenum	ND	1.0		ND	NR			20	
Nickel	43	1.0		41	NR		4.69	20	
Selenium	ND	1.0		ND	NR			20	
Silver	0.06	1.0		0.09	NR		37.1	20	R
Thallium	ND	1.0		ND	NR			20	
Vanadium	29	1.0		27	NR		6.26	20	
Zinc	29	1.0		26	NR		9.31	20	
Matrix Spike (B2A0146-MS1)		**Source: 1200012-AA**			Prepared: 1/5/2012 Analyzed: 1/6/2012				
Antimony	62	2.0	125	ND	49.8	44 - 105			
Arsenic	82	1.0	125	1.5	64.2	57 - 103			
Barium	110	1.0	125	28	69.3	36 - 134			
Beryllium	81	1.0	125	ND	65.0	64 - 106			
Cadmium	73	1.0	125	ND	58.2	58 - 102			
Chromium	110	1.0	125	26	64.3	55 - 105			
Cobalt	89	1.0	125	13	60.3	59 - 105			
Copper	120	2.0	125	40	61.1	64 - 117			M1
Lead	100	1.0	125	20	64.5	46 - 116			
Molybdenum	81	1.0	125	ND	65.1	59 - 108			

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Total Metals by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0146 - EPA 3050B (continued)									
Matrix Spike (B2A0146-MS1) - Continued		**Source: 1200012-AA**			Prepared: 1/5/2012 Analyzed: 1/6/2012				
Nickel	110	1.0	125	41	55.2	52 - 109			
Selenium	78	1.0	125	ND	62.8	56 - 100			
Silver	87	1.0	125	0.09	69.2	65 - 107			
Thallium	79	1.0	125	ND	63.1	47 - 100			
Vanadium	110	1.0	125	27	64.3	64 - 110			
Zinc	100	1.0	125	26	59.0	37 - 123			
Matrix Spike Dup (B2A0146-MSD1)		**Source: 1200012-AA**			Prepared: 1/5/2012 Analyzed: 1/6/2012				
Antimony	83	2.0	125	ND	66.4	44 - 105	28.6	20	R
Arsenic	100	1.0	125	1.5	81.4	57 - 103	23.2	20	R
Barium	130	1.0	125	28	81.9	36 - 134	12.9	20	
Beryllium	100	1.0	125	ND	81.9	64 - 106	23.0	20	R
Cadmium	91	1.0	125	ND	73.2	58 - 102	22.8	20	R
Chromium	130	1.0	125	26	82.0	55 - 105	18.7	20	
Cobalt	110	1.0	125	13	77.2	59 - 105	21.3	20	R
Copper	140	2.0	125	40	83.9	64 - 117	21.8	20	R
Lead	120	1.0	125	20	80.6	46 - 116	18.2	20	
Molybdenum	100	1.0	125	ND	83.1	59 - 108	24.3	20	R
Nickel	130	1.0	125	41	72.5	52 - 109	18.0	20	
Selenium	99	1.0	125	ND	79.2	56 - 100	23.2	20	R
Silver	110	1.0	125	0.09	86.0	65 - 107	21.6	20	R
Thallium	100	1.0	125	ND	80.4	47 - 100	24.1	20	R
Vanadium	140	1.0	125	27	87.1	64 - 110	23.4	20	R
Zinc	130	1.0	125	26	80.6	37 - 123	23.8	20	R
Batch B2A0147 - EPA 3050B									
Blank (B2A0147-BLK1)					Prepared: 1/5/2012 Analyzed: 1/6/2012				
Antimony	ND	2.0			NR				
Arsenic	ND	1.0			NR				
Barium	ND	1.0			NR				
Beryllium	ND	1.0			NR				
Cadmium	ND	1.0			NR				
Chromium	ND	1.0			NR				
Cobalt	ND	1.0			NR				
Copper	ND	2.0			NR				
Lead	ND	1.0			NR				
Molybdenum	ND	1.0			NR				
Nickel	ND	1.0			NR				
Selenium	ND	1.0			NR				
Silver	ND	1.0			NR				
Thallium	ND	1.0			NR				
Vanadium	ND	1.0			NR				
Zinc	ND	1.0			NR				

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Total Metals by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0147 - EPA 3050B (continued)									
Blank (B2A0147-BLK1) - Continued					Prepared: 1/5/2012 Analyzed: 1/6/2012				
LCS (B2A0147-BS1)					Prepared: 1/5/2012 Analyzed: 1/6/2012				
Antimony	45	2.0	50.0		89.1	80 - 120			
Arsenic	44	1.0	50.0		88.9	80 - 120			
Barium	47	1.0	50.0		94.9	80 - 120			
Beryllium	48	1.0	50.0		95.3	80 - 120			
Cadmium	46	1.0	50.0		92.4	80 - 120			
Chromium	47	1.0	50.0		93.4	80 - 120			
Cobalt	46	1.0	50.0		92.8	80 - 120			
Copper	46	2.0	50.0		92.6	80 - 120			
Lead	47	1.0	50.0		94.2	80 - 120			
Molybdenum	47	1.0	50.0		94.1	80 - 120			
Nickel	46	1.0	50.0		92.7	80 - 120			
Selenium	43	1.0	50.0		85.8	80 - 120			
Silver	45	1.0	50.0		90.6	80 - 120			
Thallium	47	1.0	50.0		93.9	80 - 120			
Vanadium	47	1.0	50.0		93.7	80 - 120			
Zinc	46	1.0	50.0		92.6	80 - 120			
Duplicate (B2A0147-DUP1)		**Source: 1200012-AB**			Prepared: 1/5/2012 Analyzed: 1/6/2012				
Antimony	0.93	2.0		1.1	NR		14.6	20	
Arsenic	12	1.0		10	NR		20.7	20	R
Barium	160	1.0		140	NR		12.8	20	
Beryllium	0.42	1.0		0.44	NR		5.70	20	
Cadmium	1.0	1.0		0.94	NR		9.24	20	
Chromium	33	1.0		32	NR		3.85	20	
Cobalt	20	1.0		15	NR		25.9	20	R
Copper	60	2.0		52	NR		14.2	20	
Lead	26	1.0		26	NR		0.248	20	
Molybdenum	ND	1.0		ND	NR			20	
Nickel	47	1.0		44	NR		6.28	20	
Selenium	ND	1.0		ND	NR			20	
Silver	ND	1.0		ND	NR			20	
Thallium	ND	1.0		ND	NR			20	
Vanadium	46	1.0		39	NR		17.3	20	
Zinc	84	1.0		75	NR		10.7	20	
Matrix Spike (B2A0147-MS1)		**Source: 1200012-AB**			Prepared: 1/5/2012 Analyzed: 1/6/2012				
Antimony	72	2.0	125	1.1	56.7	44 - 105			
Arsenic	110	1.0	125	10	77.4	57 - 103			
Barium	220	1.0	125	140	63.0	36 - 134			
Beryllium	100	1.0	125	0.44	82.9	64 - 106			
Cadmium	97	1.0	125	0.94	77.1	58 - 102			
Chromium	140	1.0	125	32	83.8	55 - 105			

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Total Metals by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0147 - EPA 3050B (continued)									
Matrix Spike (B2A0147-MS1) - Continued		**Source: 1200012-AB**			Prepared: 1/5/2012 Analyzed: 1/6/2012				
Cobalt	120	1.0	125	15	80.2	59 - 105			
Copper	170	2.0	125	52	92.5	64 - 117			
Lead	120	1.0	125	26	72.3	46 - 116			
Molybdenum	96	1.0	125	ND	76.9	59 - 108			
Nickel	140	1.0	125	44	77.5	52 - 109			
Selenium	81	1.0	125	ND	64.5	56 - 100			
Silver	100	1.0	125	ND	81.1	65 - 107			
Thallium	95	1.0	125	ND	76.1	47 - 100			
Vanadium	150	1.0	125	39	92.5	64 - 110			
Zinc	170	1.0	125	75	77.1	37 - 123			
Matrix Spike Dup (B2A0147-MSD1)		**Source: 1200012-AB**			Prepared: 1/5/2012 Analyzed: 1/6/2012				
Antimony	78	2.0	125	1.1	61.7	44 - 105	8.34	20	
Arsenic	120	1.0	125	10	85.3	57 - 103	8.84	20	
Barium	240	1.0	125	140	77.6	36 - 134	8.03	20	
Beryllium	110	1.0	125	0.44	85.2	64 - 106	2.70	20	
Cadmium	100	1.0	125	0.94	79.6	58 - 102	3.18	20	
Chromium	140	1.0	125	32	85.4	55 - 105	1.51	20	
Cobalt	120	1.0	125	15	82.3	59 - 105	2.32	20	
Copper	180	2.0	125	52	98.8	64 - 117	4.64	20	
Lead	120	1.0	125	26	74.4	46 - 116	2.21	20	
Molybdenum	100	1.0	125	ND	79.6	59 - 108	3.52	20	
Nickel	140	1.0	125	44	77.2	52 - 109	0.306	20	
Selenium	86	1.0	125	ND	68.5	56 - 100	6.00	20	
Silver	100	1.0	125	ND	83.1	65 - 107	2.49	20	
Thallium	98	1.0	125	ND	78.5	47 - 100	3.11	20	
Vanadium	160	1.0	125	39	99.4	64 - 110	5.46	20	
Zinc	180	1.0	125	75	83.0	37 - 123	4.18	20	
Batch S2A0053 - B2A0064									
Instrument Blank (S2A0053-IBL1)					Prepared: 1/5/2012 Analyzed: 1/5/2012				
Antimony	ND	2.0			NR				
Arsenic	ND	1.0			NR				
Barium	ND	1.0			NR				
Beryllium	ND	1.0			NR				
Cadmium	ND	1.0			NR				
Chromium	ND	1.0			NR				
Cobalt	ND	1.0			NR				
Copper	ND	2.0			NR				
Lead	ND	1.0			NR				
Molybdenum	ND	1.0			NR				
Nickel	ND	1.0			NR				
Selenium	ND	1.0			NR				

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Total Metals by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/L)	PQL (mg/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch S2A0053 - B2A0064 (continued)									
Instrument Blank (S2A0053-IBL1) - Continued					Prepared: 1/5/2012 Analyzed: 1/5/2012				
Silver	ND	1.0			NR				
Thallium	ND	1.0			NR				
Vanadium	ND	1.0			NR				
Zinc	ND	1.0			NR				

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Lead by ICP-AES EPA 6010B - Quality Control

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0104 - EPA 3050 Modified									
Blank (B2A0104-BLK1)					Prepared: 1/4/2012 Analyzed: 1/5/2012				
Lead	ND	1.0			NR				
Blank (B2A0104-BLK2)					Prepared: 1/4/2012 Analyzed: 1/5/2012				
Lead	ND	1.0			NR				
LCS (B2A0104-BS1)					Prepared: 1/4/2012 Analyzed: 1/5/2012				
Lead	250	1.0	250		102	80 - 120			
Duplicate (B2A0104-DUP1)		**Source: 1200012-AM**			Prepared: 1/4/2012 Analyzed: 1/5/2012				
Lead	9.1	1.0		7.4	NR		21.4	20	R
Duplicate (B2A0104-DUP2)		**Source: 1200012-AL**			Prepared: 1/4/2012 Analyzed: 1/5/2012				
Lead	16	1.0		7.0	NR		78.7	20	R
Matrix Spike (B2A0104-MS1)		**Source: 1200012-AM**			Prepared: 1/4/2012 Analyzed: 1/5/2012				
Lead	200	1.0	250	7.4	77.1	46 - 116			
Matrix Spike (B2A0104-MS2)		**Source: 1200012-AL**			Prepared: 1/4/2012 Analyzed: 1/5/2012				
Lead	210	1.0	250	7.0	80.3	46 - 116			
Matrix Spike Dup (B2A0104-MSD1)		**Source: 1200012-AM**			Prepared: 1/4/2012 Analyzed: 1/5/2012				
Lead	200	1.0	250	7.4	78.9	46 - 116	2.23	20	
Batch S2A0050 - B2A0096									
Instrument Blank (S2A0050-IBL1)					Prepared: 1/5/2012 Analyzed: 1/5/2012				
Lead	ND	1.0			NR				

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Mercury by AA (Cold Vapor) EPA 7471 - Quality Control

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0151 - EPA 7471									
Blank (B2A0151-BLK1)					Prepared: 1/5/2012 Analyzed: 1/5/2012				
Mercury	ND	0.10			NR				
LCS (B2A0151-BS1)					Prepared: 1/5/2012 Analyzed: 1/5/2012				
Mercury	0.83	0.10	0.833		99.7	80 - 120			
Duplicate (B2A0151-DUP1)		**Source: 1200012-10**			Prepared: 1/5/2012 Analyzed: 1/5/2012				
Mercury	3.4	0.20		3.2	NR		4.84	20	
Matrix Spike (B2A0151-MS1)		**Source: 1200012-10**			Prepared: 1/5/2012 Analyzed: 1/5/2012				
Mercury	1.6	0.10	0.833	3.2	-188	70 - 130			M1
Matrix Spike Dup (B2A0151-MSD1)		**Source: 1200012-10**			Prepared: 1/5/2012 Analyzed: 1/5/2012				
Mercury	1.6	0.10	0.833	3.2	-188	70 - 130	0.0352	20	M1
Batch B2A0152 - EPA 7471									
Blank (B2A0152-BLK1)					Prepared: 1/5/2012 Analyzed: 1/5/2012				
Mercury	ND	0.10			NR				
LCS (B2A0152-BS1)					Prepared: 1/5/2012 Analyzed: 1/5/2012				
Mercury	0.83	0.10	0.833		100	80 - 120			
Duplicate (B2A0152-DUP1)		**Source: 1200012-20**			Prepared: 1/5/2012 Analyzed: 1/5/2012				
Mercury	0.67	0.10		0.36	NR		60.4	20	R
Matrix Spike (B2A0152-MS1)		**Source: 1200012-20**			Prepared: 1/5/2012 Analyzed: 1/5/2012				
Mercury	1.2	0.10	0.833	0.36	102	70 - 130			
Matrix Spike Dup (B2A0152-MSD1)		**Source: 1200012-20**			Prepared: 1/5/2012 Analyzed: 1/5/2012				
Mercury	1.2	0.10	0.833	0.36	102	70 - 130	0.147	20	
Batch B2A0153 - EPA 7471									
Blank (B2A0153-BLK1)					Prepared: 1/5/2012 Analyzed: 1/6/2012				
Mercury	ND	0.10			NR				
LCS (B2A0153-BS1)					Prepared: 1/5/2012 Analyzed: 1/6/2012				
Mercury	0.83	0.10	0.833		100	80 - 120			
Duplicate (B2A0153-DUP1)		**Source: 1200012-30**			Prepared: 1/5/2012 Analyzed: 1/6/2012				
Mercury	0.31	0.10		0.46	NR		40.7	20	R
Matrix Spike (B2A0153-MS1)		**Source: 1200012-30**			Prepared: 1/5/2012 Analyzed: 1/6/2012				
Mercury	1.3	0.10	0.833	0.46	104	70 - 130			
Matrix Spike Dup (B2A0153-MSD1)		**Source: 1200012-30**			Prepared: 1/5/2012 Analyzed: 1/6/2012				

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Mercury by AA (Cold Vapor) EPA 7471 - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0153 - EPA 7471 (continued)									
Matrix Spike Dup (B2A0153-MSD1) - Continued		**Source: 1200012-30**			Prepared: 1/5/2012 Analyzed: 1/6/2012				
Mercury	1.9	0.10	0.833	0.46	176	70 - 130	36.8	20	M1
Batch B2A0154 - EPA 7471									
Blank (B2A0154-BLK1)					Prepared: 1/5/2012 Analyzed: 1/6/2012				
Mercury	ND	0.10			NR				
LCS (B2A0154-BS1)					Prepared: 1/5/2012 Analyzed: 1/6/2012				
Mercury	0.85	0.10	0.833		102	80 - 120			
Duplicate (B2A0154-DUP1)		**Source: 1200012-40**			Prepared: 1/5/2012 Analyzed: 1/6/2012				
Mercury	0.07	0.10		0.06	NR		14.3	20	
Matrix Spike (B2A0154-MS1)		**Source: 1200012-40**			Prepared: 1/5/2012 Analyzed: 1/6/2012				
Mercury	0.88	0.10	0.833	0.06	97.9	70 - 130			
Matrix Spike Dup (B2A0154-MSD1)		**Source: 1200012-40**			Prepared: 1/5/2012 Analyzed: 1/6/2012				
Mercury	0.88	0.10	0.833	0.06	97.9	70 - 130	0.00485	20	
Batch B2A0155 - EPA 7471									
Blank (B2A0155-BLK1)					Prepared: 1/5/2012 Analyzed: 1/6/2012				
Mercury	ND	0.10			NR				
LCS (B2A0155-BS1)					Prepared: 1/5/2012 Analyzed: 1/6/2012				
Mercury	0.87	0.10	0.833		104	80 - 120			
Duplicate (B2A0155-DUP1)		**Source: 1200012-50**			Prepared: 1/5/2012 Analyzed: 1/6/2012				
Mercury	0.06	0.10		0.12	NR		74.4	20	R
Matrix Spike (B2A0155-MS1)		**Source: 1200012-50**			Prepared: 1/5/2012 Analyzed: 1/6/2012				
Mercury	0.91	0.10	0.833	0.12	94.6	70 - 130			
Matrix Spike Dup (B2A0155-MSD1)		**Source: 1200012-50**			Prepared: 1/5/2012 Analyzed: 1/6/2012				
Mercury	0.92	0.10	0.833	0.12	95.6	70 - 130	0.874	20	
Batch B2A0156 - EPA 7471									
LCS (B2A0156-BS1)					Prepared: 1/5/2012 Analyzed: 1/6/2012				
Mercury	0.86	0.10	0.833		104	80 - 120			
Duplicate (B2A0156-DUP1)		**Source: 1200012-60**			Prepared: 1/5/2012 Analyzed: 1/6/2012				
Mercury	4.4	1.0		4.7	NR		6.16	20	
Matrix Spike (B2A0156-MS1)		**Source: 1200012-60**			Prepared: 1/5/2012 Analyzed: 1/6/2012				
Mercury	2.4	0.20	0.833	4.7	-276	70 - 130			M1

Geocon Consultants, Inc.	Project Number : TO-16, E8560-06-16
6671 Brisa Street	Report To : Luann Beadle
Livermore , CA 94550	Reported : 01/06/2012

Mercury by AA (Cold Vapor) EPA 7471 - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0156 - EPA 7471 (continued)									
Matrix Spike Dup (B2A0156-MSD1)		**Source: 1200012-60**			Prepared: 1/5/2012 Analyzed: 1/6/2012				
Mercury	2.4	0.20	0.833	4.7	-269	70 - 130	2.42	20	M1
Batch B2A0157 - EPA 7471									
Blank (B2A0157-BLK1)					Prepared: 1/5/2012 Analyzed: 1/6/2012				
Mercury	ND	0.10			NR				
LCS (B2A0157-BS1)					Prepared: 1/5/2012 Analyzed: 1/6/2012				
Mercury	0.87	0.10	0.833		104	80 - 120			
Duplicate (B2A0157-DUP1)		**Source: 1200012-70**			Prepared: 1/5/2012 Analyzed: 1/6/2012				
Mercury	0.02	0.10		0.02	NR		25.7	20	R
Matrix Spike (B2A0157-MS1)		**Source: 1200012-70**			Prepared: 1/5/2012 Analyzed: 1/6/2012				
Mercury	0.43	0.10	0.833	0.02	49.5	70 - 130			M1
Matrix Spike Dup (B2A0157-MSD1)		**Source: 1200012-70**			Prepared: 1/5/2012 Analyzed: 1/6/2012				
Mercury	0.38	0.10	0.833	0.02	43.8	70 - 130	11.7	20	M1
Batch B2A0158 - EPA 7471									
Blank (B2A0158-BLK1)					Prepared: 1/5/2012 Analyzed: 1/6/2012				
Mercury	ND	0.10			NR				
LCS (B2A0158-BS1)					Prepared: 1/5/2012 Analyzed: 1/6/2012				
Mercury	1.0	0.10	0.833		120	80 - 120			
Duplicate (B2A0158-DUP1)		**Source: 1200012-80**			Prepared: 1/5/2012 Analyzed: 1/6/2012				
Mercury	0.09	0.10		0.13	NR		35.1	20	R
Matrix Spike (B2A0158-MS1)		**Source: 1200012-80**			Prepared: 1/5/2012 Analyzed: 1/6/2012				
Mercury	1.1	0.10	0.833	0.13	111	70 - 130			
Matrix Spike Dup (B2A0158-MSD1)		**Source: 1200012-80**			Prepared: 1/5/2012 Analyzed: 1/6/2012				
Mercury	1.1	0.10	0.833	0.13	121	70 - 130	8.11	20	
Batch B2A0159 - EPA 7471									
Blank (B2A0159-BLK1)					Prepared: 1/5/2012 Analyzed: 1/6/2012				
Mercury	ND	0.10			NR				
LCS (B2A0159-BS1)					Prepared: 1/5/2012 Analyzed: 1/6/2012				
Mercury	0.86	0.10	0.833		103	80 - 120			
Duplicate (B2A0159-DUP1)		**Source: 1200012-90**			Prepared: 1/5/2012 Analyzed: 1/6/2012				
Mercury	0.71	0.10		0.70	NR		0.795	20	

Geocon Consultants, Inc.	Project Number : TO-16, E8560-06-16
6671 Brisa Street	Report To : Luann Beadle
Livermore , CA 94550	Reported : 01/06/2012

Mercury by AA (Cold Vapor) EPA 7471 - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0159 - EPA 7471 (continued)									
Matrix Spike (B2A0159-MS1)		**Source: 1200012-90**			Prepared: 1/5/2012 Analyzed: 1/6/2012				
Mercury	1.6	0.10	0.833	0.70	105	70 - 130			
Matrix Spike Dup (B2A0159-MSD1)		**Source: 1200012-90**			Prepared: 1/5/2012 Analyzed: 1/6/2012				
Mercury	2.1	0.10	0.833	0.70	170	70 - 130	29.3	20	M1
Batch B2A0160 - EPA 7471									
Blank (B2A0160-BLK1)					Prepared: 1/5/2012 Analyzed: 1/6/2012				
Mercury	ND	0.10			NR				
LCS (B2A0160-BS1)					Prepared: 1/5/2012 Analyzed: 1/6/2012				
Mercury	0.88	0.10	0.833		106	80 - 120			
Duplicate (B2A0160-DUP1)		**Source: 1200012-AA**			Prepared: 1/5/2012 Analyzed: 1/6/2012				
Mercury	0.08	0.10		0.08	NR		1.76	20	
Matrix Spike (B2A0160-MS1)		**Source: 1200012-AA**			Prepared: 1/5/2012 Analyzed: 1/6/2012				
Mercury	0.94	0.10	0.833	0.08	103	70 - 130			
Matrix Spike Dup (B2A0160-MSD1)		**Source: 1200012-AA**			Prepared: 1/5/2012 Analyzed: 1/6/2012				
Mercury	0.94	0.10	0.833	0.08	104	70 - 130	0.517	20	
Batch B2A0161 - EPA 7471									
Blank (B2A0161-BLK1)					Prepared: 1/5/2012 Analyzed: 1/5/2012				
Mercury	ND	0.10			NR				
LCS (B2A0161-BS1)					Prepared: 1/5/2012 Analyzed: 1/5/2012				
Mercury	0.83	0.10	0.833		99.5	80 - 120			
Duplicate (B2A0161-DUP1)		**Source: 1200012-AE**			Prepared: 1/5/2012 Analyzed: 1/5/2012				
Mercury	0.05	0.10		0.05	NR		2.79	20	
Matrix Spike (B2A0161-MS1)		**Source: 1200012-AE**			Prepared: 1/5/2012 Analyzed: 1/5/2012				
Mercury	0.97	0.10	0.833	0.05	111	70 - 130			
Matrix Spike Dup (B2A0161-MSD1)		**Source: 1200012-AE**			Prepared: 1/5/2012 Analyzed: 1/5/2012				
Mercury	0.88	0.10	0.833	0.05	100	70 - 130	9.97	20	
Batch S2A0068 - B2A0149									
Instrument Blank (S2A0068-IBL1)					Prepared: 1/5/2012 Analyzed: 1/5/2012				
Mercury	ND	0.10			NR				
Batch S2A0070 - B2A0158									
Instrument Blank (S2A0070-IBL1)					Prepared: 1/6/2012 Analyzed: 1/6/2012				

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/06/2012

Mercury by AA (Cold Vapor) EPA 7471 - Quality Control (cont'd)

Analyte	Result (mg/L)	PQL (mg/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch S2A0070 - B2A0158 (continued)									
Instrument Blank (S2A0070-IBL1) - Continued					Prepared: 1/6/2012 Analyzed: 1/6/2012				
Mercury	ND	0.10			NR				
Batch S2A0071 - B2A0159									
Instrument Blank (S2A0071-IBL1)					Prepared: 1/6/2012 Analyzed: 1/6/2012				
Mercury	ND	0.10			NR				

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/06/2012

pH by EPA 9045C - Quality Control

Analyte	Result (pH Units)	PQL (pH Units)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0185 - Prep_WC_1_S									
Duplicate (B2A0185-DUP1)		**Source: 1200034-01**			Prepared: 1/6/2012 Analyzed: 1/6/2012				
pH	8.5	0.10		8.6	NR		1	20	
Batch B2A0186 - Prep_WC_1_S									
Duplicate (B2A0186-DUP1)		**Source: 1200012-92**			Prepared: 1/6/2012 Analyzed: 1/6/2012				
pH	7.7	0.10		7.7	NR		0.9	20	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/06/2012

Notes and Definitions

R	RPD value outside acceptance criteria. Calculation is based on raw values.
M1	Matrix spike recovery outside of acceptance limit. The analytical batch was validated by the laboratory control sample.
D5	Sample diluted due to failing internal standard in the original run.
ND	Analyte not detected at or above reporting limit
PQL	Practical Quantitation Limit
MDL	Method Detection Limit
NR	Not Reported
RPD	Relative Percent Difference

CHAIN OF CUSTODY RECORD

Advanced Technology Laboratories
3275 Walnut Avenue
Signal Hill, CA 90755
(562) 989-4045 • Fax (562) 989-4040

FOR LABORATORY USE ONLY:

P.O.#: _____

Logged By: _____ Date: _____

Method of Transport: Client ☐ ATL ☐ CA OverN ☐ FEDEX ☐ Other: GSO

Sample Condition Upon Receipt: 1. CHILLED Y☑ N☐ (11.4) 2. HEADSPACE (VOA) Y☐ N☐ 3. CONTAINER INTACT Y☐ N☐ 4. SEALED Y☐ N☐ 5. # OF SPLS MATCH COC Y☐ N☐ 6. PRESERVED Y☐ N☐

Client: GEOCON CONSULTANTS, INC.
Attn: L. BEADLE
Address: 6671 Brisa Street
City: Livermore State: CA Zip Code: 94550
TEL: (925) 371-5900
FAX: (925) 371-5915

Project Name: TO-16 Project #: E8560-06-16 Sampler: (Printed Name) L. Beadle (Signature) L. Beadle

Relinquished by: (Signature and Printed Name)	Date	Time	Received by: (Signature and Printed Name)	Date	Time
Luann Beadle L. Beadle	1/3/12		GSO →		
			Meg	1/4/12	955

I hereby authorize ATL to perform the work indicated below:
Project Mgr (Submitter): D. WATTS
Print Name _____ Date _____
Signature: Will L

Send Report To: Attn: _____ Co: SAME AS ABOVE Address _____ City _____ State _____ Zip _____

Bill To: Attn: _____ Co: SAME AS ABOVE Address _____ City _____ State _____ Zip _____

Special Instructions/Comments:
Lab - please run pH analysis on random 10% of CAM 17 and total lead samples

Sample/Records - Archival & Disposal
Unless otherwise requested by client, all samples will be disposed 45 days after receipt and records will be disposed 1 year after submittal of final report.

Storage Fees (applies when storage is requested):
- Sample : $2.00 / sample / mo (after 45 days)
- Records : $1.00 / ATL workorder / mo (after 1 year)

Circle or Add Analysis(es) Requested

ITEM	LAB USE ONLY: Batch #: / Lab No.	Sample Description: Sample I.D. / Location	Date	Time	8081A (Pesticides)	8082 (PCB)	8260B (Volatiles)	8270C (BNA)	6010B (Total Metal)	8015B (GRO) / BTEX	8015B (DRO)	8021 (BTEX)	TITLE 22 / CAM 17 (6010 / 7000)	SOIL	WATER	GROUND WATER	WASTEWATER	TAT	Container(s) #	Container(s) Type	PRESERVATION	REMARKS
	1200012 -01	G25 - 0	1/3/12	0855									X	X					1	G		
	-2	-0.5		0856																		
	-3	-1.5		57																		
	-4	-2.5		58																		
	-5	G26 - 0		0900																		
	-6	-0.5		01																		
	-7	-1.5		02																		
	-8	-2.5		03																		
	-9	G34 - 0		0905																		
	-10	-0.5		06																		

QA/QC: RTNE ☐ CT ☒ SWRCB ☐ Logcode ____ OTHER ____

• TAT starts 8 a.m. following day if samples received after 3 p.m.

TAT: A= Overnight ≤ 24 hr B= Emergency Next workday C= Critical 2 Workdays D= Urgent 3 Workdays E= Routine 7 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=Hcl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

DISTRIBUTION: White with report Yellow to folder Pink to submitter

CHAIN OF CUSTODY RECORD

Advanced Technology Laboratories
3275 Walnut Avenue
Signal Hill, CA 90755
(562) 989-4045 • Fax (562) 989-4040

FOR LABORATORY USE ONLY:

P.O.#: _____

Logged By: _____ Date: _____

Method of Transport: Client ☐ ATL ☐ CA OverN ☐ FEDEX ☐ Other: _____

Sample Condition Upon Receipt: 1. CHILLED Y☐ N☐ 2. HEADSPACE (VOA) Y☐ N☐ 3. CONTAINER INTACT Y☐ N☐ 4. SEALED Y☐ N☐ 5. # OF SPLS MATCH COC Y☐ N☐ 6. PRESERVED Y☐ N☐

Client: GEOCON CONSULTANTS, INC.
Attn: L. BEADLE
Address: 6671 Brisa Street
City: Livermore State: CA Zip Code: 94550
TEL: (925) 371-5900
FAX: (925) 371-5915

Project Name: TO-16 Project #: E8560-06-16 Sampler: (Printed Name) L. Beadle (Signature) L. Beadle

Relinquished by: (Signature and Printed Name) L. Beadle L. Beadle Date: 1/3/12 Time: Received by: (Signature and Printed Name) GSO Date: Time:

Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: 1/4/12 Time: 955

Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:

I hereby authorize ATL to perform the work indicated below:
Project Mgr / Submitter: D. WATTS
Print Name Date
Signature

Send Report To: Attn: _____ Co: SAME AS ABOVE Address _____ City _____ State _____ Zip _____

Bill To: Attn: _____ Co: SAME AS ABOVE Address _____ City _____ State _____ Zip _____

Special Instructions/Comments: see p. 1

Sample/Records - Archival & Disposal
Unless otherwise requested by client, all samples will be disposed 45 days after receipt and records will be disposed 1 year after submittal of final report.

Storage Fees (applies when storage is requested):
- Sample : $2.00 / sample / mo (after 45 days)
- Records : $1.00 / ATL workorder / mo (after 1 year)

Circle or Add Analysis(es) Requested: 8081A (Pesticides), 8082 (PCB), 8260B (Volatiles), 8270C (BNA), 6010B (Total Metal), 8015B (GRO) / BTEX, 8015B (DRO), 8021 (BTEX), TITLE 22 / CAM 17 (6010 / 7000)

SPECIFY APPROPRIATE MATRIX: SOIL, WATER, GROUND WATER, WASTEWATER

TAT

Container(s): # / Type

PRESERVATION

Q A / Q C: RTNE ☐ CT ☒ SWRCB ☐ Logcode _____ OTHER _____

REMARKS

ITEM	LAB USE ONLY: Batch #: / Lab No.	Sample Description: Sample I.D. / Location	Date	Time	8081A	8082	8260B	8270C	6010B	8015B (GRO) / BTEX	8015B (DRO)	8021 (BTEX)	TITLE 22 / CAM 17 (6010 / 7000)	SOIL	WATER	GROUND WATER	WASTEWATER	TAT	#	Type	PRESERVATION	REMARKS
	1200012-11	G34-1.5	1/3/12	0907								X		X					1	G 5		
	12	-2.5		0908																		
	13	G35-0		0910																		
	14	-0.5		0911																		
	15	-1.5		0912																		
	16	-2.5		0913																		
	17	G38-0		0918																		
	18	-0.5		0919																		
	19	-1.5		0920																		
	20	-2.5		0921																		

• TAT starts 8 a.m. following day if samples received after 3 p.m.

TAT: A= Overnight ≤ 24 hr B= Emergency Next workday C= Critical 2 Workdays D= Urgent 3 Workdays E= Routine 7 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=HCl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

DISTRIBUTION: White with report Yellow to folder Pink to submitter

CHAIN OF CUSTODY RECORD

Advanced Technology Laboratories
3275 Walnut Avenue
Signal Hill, CA 90755
(562) 989-4045 • Fax (562) 989-4040

FOR LABORATORY USE ONLY:

P.O.#:
Logged By: Date:

Method of Transport: Client ☐ ATL ☐ CA OverN ☐ FEDEX ☐ Other:

Sample Condition Upon Receipt
1. CHILLED Y☐ N☐ 4. SEALED Y☐ N☐
2. HEADSPACE (VOA) Y☐ N☐ 5. # OF SPLS MATCH COC Y☐ N☐
3. CONTAINER INTACT Y☐ N☐ 6. PRESERVED Y☐ N☐

Client: GEOCON CONSULTANTS, INC.
Attn: L. BEADLE
Address: 6671 Brisa Street
City: Livemore State: CA Zip Code: 94550
TEL: (925) 371-5900
FAX: (925) 371-5915

Project Name: TO-16 Project #: E8560-06-16 Sampler: (Printed Name) L. Beadle (Signature) L. Beadle

Relinquished by: (Signature and Printed Name) L Beadle Date: 1/3/12 Time: Received by: (Signature and Printed Name) GSO Date: Time:
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Marg Date: 1/4/12 Time: 955
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:

I hereby authorize ATL to perform the work indicated below:
Project Mgr / Submitter: D. WATTS
Print Name Date
Signature

Send Report To:
Attn:
Co: SAME AS ABOVE
Address
City State Zip

Bill To:
Attn:
Co: SAME AS ABOVE
Address
City State Zip

Special Instructions/Comments: See p.1

Sample/Records - Archival & Disposal
Unless otherwise requested by client, all samples will be disposed 45 days after receipt and records will be disposed 1 year after submittal of final report.

Storage Fees (applies when storage is requested):
- Sample : $2.00 / sample / mo (after 45 days)
- Records : $1.00 / ATL workorder / mo (after 1 year)

Circle or Add Analysis(es) Requested

QA/QC: RTNE ☐ CT ☒ SWRCB ☐ Logcode ____ OTHER ____

ITEM	LAB USE ONLY: Batch #: / Lab No.	Sample Description: Sample I.D. / Location	Date	Time	8081A (Pesticides)	8082 (PCB)	8260B (Volatiles)	8270C (BNA)	6010B (Total Metal)	8015B (GRO) / BTEX	8015B (DRO)	8021 (BTEX)	TITLE 22 / CAM 17 (6010 / 7000)	SOIL	WATER	GROUND WATER	WASTEWATER	TAT	Container(s) #	Container(s) Type	PRESERVATION	REMARKS
	1200012-21	G39-0	1/3/12	0925									X	X					1	G		
	-22	-0.5		0926																		
	-23	-1.5		0927																		
	-24	-2.5		0928																		
	-25	G45-0		0935																		
	-26	-0.5		0936																		
	-27	-1.5		0937																		
	-28	-2.5		0938																		
	-29	G46-0		0940																		
	-30	-0.5		0941																		

• TAT starts 8 a.m. following day if samples received after 3 p.m.

TAT: A= Overnight ≤ 24 hr B= Emergency Next workday C= Critical 2 Workdays D= Urgent 3 Workdays E= Routine 7 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=Hcl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

DISTRIBUTION: White with report Yellow to folder Pink to submitter

CHAIN OF CUSTODY RECORD

Advanced Technology Laboratories
3275 Walnut Avenue
Signal Hill, CA 90755
(562) 989-4045 • Fax (562) 989-4040

FOR LABORATORY USE ONLY:

P.O.#: _____
Logged By: _____ Date: _____

Method of Transport: Client ☐ ATL ☐ CA OverN ☐ FEDEX ☐ Other: _____

Sample Condition Upon Receipt:
1. CHILLED Y☐ N☐ 4. SEALED Y☐ N☐
2. HEADSPACE (VOA) Y☐ N☐ 5. # OF SPLS MATCH COC Y☐ N☐
3. CONTAINER INTACT Y☐ N☐ 6. PRESERVED Y☐ N☐

Client: GEOCON CONSULTANTS, INC.
Attn: L. BEADLE
Address: 6671 Brisa Street
City: Livermore State: CA Zip Code: 94550
TEL: (925) 371-5900
FAX: (925) 371-5915

Project Name: TO-16 Project #: E8560-06-16 Sampler: (Printed Name) L. Beadle (Signature) L. Beadle

Relinquished by: (Signature and Printed Name) L Beadle L Beadle Date: 1/3/12 Time: Received by: (Signature and Printed Name) Date: Time:
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Mage Date: 1/4/12 Time: 935
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:

I hereby authorize ATL to perform the work indicated below:
Project Mgr / Submitter:
D. WATTS
Print Name Date
Signature

Send Report To:
Attn: _____
Co: SAME AS ABOVE
Address _____
City _____ State _____ Zip _____

Bill To:
Attn: _____
Co: SAME AS ABOVE
Address _____
City _____ State _____ Zip _____

Special Instructions/Comments:
See p.1

Sample/Records - Archival & Disposal
Unless otherwise requested by client, all samples will be disposed 45 days after receipt and records will be disposed 1 year after submittal of final report.

Storage Fees (applies when storage is requested):
- Sample : $2.00 / sample / mo (after 45 days)
- Records : $1.00 / ATL workorder / mo (after 1 year)

Circle or Add Analysis(es) Requested: 8081A (Pesticides), 8082 (PCB), 8260B (Volatiles), 8270C (BNA), 6010B (Total Metal), 8015B (GRO) / BTEX, 8015B (DRO), 8021 (BTEX), TITLE 22 / CAM 17 (6010 / 7000)

SPECIFY APPROPRIATE MATRIX: SOIL, WATER, GROUND WATER, WASTEWATER

QA/QC: RTNE ☐ CT ☒ SWRCB ☐ Logcode ____ OTHER ____

ITEM	LAB USE ONLY: Batch #: / Lab No.	Sample Description: Sample I.D. / Location	Date	Time	8081A (Pesticides)	8082 (PCB)	8260B (Volatiles)	8270C (BNA)	6010B (Total Metal)	8015B (GRO) / BTEX	8015B (DRO)	8021 (BTEX)	TITLE 22 / CAM 17 (6010 / 7000)	SOIL	WATER	GROUND WATER	WASTEWATER	TAT	Container(s) #	Container(s) Type	PRESERVATION	REMARKS
	1200012 - 31	G46 - 1.5	1/3/12	0942									X	X					1	G5		
	32	2.5		0943																		
	33	G50 - 0		0946																		
	34	-0.5		0947																		
	35	-1.5		0948																		
	36	-2.5		0949																		
	37	G51 - 0		0951																		
	38	-0.5		0952																		
	39	-1.5		0953																		
	40	-2.5		0954																		

• TAT starts 8 a.m. following day if samples received after 3 p.m.

TAT: A= Overnight ≤ 24 hr B= Emergency Next workday C= Critical 2 Workdays D= Urgent 3 Workdays E= Routine 7 Workdays

Preservatives: H=Hcl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

DISTRIBUTION: White with report Yellow to folder Pink to submitter

CHAIN OF CUSTODY RECORD

Advanced Technology Laboratories
3275 Walnut Avenue
Signal Hill, CA 90755
(562) 989-4045 • Fax (562) 989-4040

FOR LABORATORY USE ONLY:

P.O.#: _____

Logged By: _____ Date: _____

Method of Transport: Client ☐ ATL ☐ CA OverN ☐ FEDEX ☐ Other: _____

Sample Condition Upon Receipt:
1. CHILLED Y☐ N☐ 4. SEALED Y☐ N☐
2. HEADSPACE (VOA) Y☐ N☐ 5. # OF SPLS MATCH COC Y☐ N☐
3. CONTAINER INTACT Y☐ N☐ 6. PRESERVED Y☐ N☐

Client: GEOCON CONSULTANTS, INC.
Attn: L. BEADLE
Address: 6671 Brisa Street
City: Livermore State: CA Zip Code: 94550
TEL: (925) 371-5900
FAX: (925) 371-5915

Project Name: TO-16
Project #: E8560-06-16
Sampler: (Printed Name) L. Beadle (Signature) L. Beadle

Relinquished by: (Signature and Printed Name) L. Beadle L. Beadle Date: 1/3/12 Time: Received by: (Signature and Printed Name) ESO Date: Time:
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Mary Date: 1/4/12 Time: 955
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:

I hereby authorize ATL to perform the work indicated below:
Project Mgr / Submitter: D. WATTS
Print Name Date
Signature

Send Report To: Attn: _____ Co: SAME AS ABOVE Address _____ City _____ State _____ Zip _____

Bill To: Attn: _____ Co: SAME AS ABOVE Address _____ City _____ State _____ Zip _____

Special Instructions/Comments: See p.1

Sample/Records - Archival & Disposal
Unless otherwise requested by client, all samples will be disposed 45 days after receipt and records will be disposed 1 year after submittal of final report.

Storage Fees (applies when storage is requested):
- Sample : $2.00 / sample / mo (after 45 days)
- Records : $1.00 / ATL workorder / mo (after 1 year)

Circle or Add Analysis(es) Requested: 8081A (Pesticides), 8082 (PCB), 8260B (Volatiles), 8270C (BNA), 6010B (Total Metal), 8015B (GRO) / BTEX, 8015B (DRO), 8021 (BTEX), TITLE 22 / CAM 17 (6010 / 7000)

SPECIFY APPROPRIATE MATRIX: SOIL, WATER, GROUND WATER, WASTEWATER

QA/QC: RTNE ☐ CT ☒ SWRCB ☐ Logcode ____ OTHER ____

ITEM	LAB USE ONLY: Batch #: / Lab No.	Sample Description: Sample I.D. / Location	Date	Time	8081A	8082	8260B	8270C	6010B	8015B (GRO) / BTEX	8015B (DRO)	8021 (BTEX)	TITLE 22 / CAM 17	SOIL	WATER	GROUND WATER	WASTEWATER	TAT	Container(s) #	Type	PRESERVATION	REMARKS
	1200012 - 41	G80 - 0	1/3/12	1004								X		X					1	G S		
	42	-0.5		1005																		
	43	-1.5		1006																		
	44	-2.5		1007																		
	45	G81 - 0		1010																		
	46	-0.5		1010																		
	47	-1.5		1011																		
	48	-2.5		1011																		
	49	G82 - 0		1015																P T		
	50	-0.5		1016																		

• TAT starts 8 a.m. following day if samples received after 3 p.m.

TAT: A= Overnight ≤ 24 hr B= Emergency Next workday C= Critical 2 Workdays D= Urgent 3 Workdays E= Routine 7 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=Hcl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

DISTRIBUTION: White with report Yellow to folder Pink to submitter

CHAIN OF CUSTODY RECORD

Advanced Technology Laboratories
3275 Walnut Avenue
Signal Hill, CA 90755
(562) 989-4045 • Fax (562) 989-4040

FOR LABORATORY USE ONLY:

P.O.#: _____

Logged By: _____ Date: _____

Method of Transport: Client ☐ ATL ☐ CA OverN ☐ FEDEX ☐ Other: _____

Sample Condition Upon Receipt:
1. CHILLED Y☐ N☐ 4. SEALED Y☐ N☐
2. HEADSPACE (VOA) Y☐ N☐ 5. # OF SPLS MATCH COC Y☐ N☐
3. CONTAINER INTACT Y☐ N☐ 6. PRESERVED Y☐ N☐

Client: GEOCON CONSULTANTS, INC.
Attn: L. BEADLE
Address: 6671 Brisa Street
City: Livermore State: CA Zip Code: 94550
TEL: (925) 371-5900
FAX: (925) 371-5915

Project Name: TP-16 Project #: E8560-06-16 Sampler: L. Beadle (Printed Name) L. Beadle (Signature)

Relinquished by: (Signature and Printed Name) L. Beadle L. Beadle Date: 1/3/12 Time: Received by: (Signature and Printed Name) GSO Date: Time:
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Mag Date: 1/4/12 Time: 935
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:

I hereby authorize ATL to perform the work indicated below:
Project Mgr / Submitter: D. WATTS
Print Name Date
Signature

Send Report To: Attn: _____ Co: SAME AS ABOVE Address _____ City _____ State _____ Zip _____

Bill To: Attn: _____ Co: SAME AS ABOVE Address _____ City _____ State _____ Zip _____

Special Instructions/Comments: See p.1

Sample/Records - Archival & Disposal
Unless otherwise requested by client, all samples will be disposed 45 days after receipt and records will be disposed 1 year after submittal of final report.

Storage Fees (applies when storage is requested):
- Sample : $2.00 / sample / mo (after 45 days)
- Records : $1.00 / ATL workorder / mo (after 1 year)

Circle or Add Analysis(es) Requested: 8081A (Pesticides), 8082 (PCB), 8260B (Volatiles), 8270C (BNA), 6010B (Total Metal), 8015B (GRO) / BTEX, 8015B (DRO), 8021 (BTEX), TITLE 22 / CAM 17 (6010 / 7000)

SPECIFY APPROPRIATE MATRIX: SOIL, WATER, GROUND WATER, WASTEWATER

QA/QC: RTNE ☐ CT ☒ SWRCB ☐ Logcode ____ OTHER ____

ITEM	LAB USE ONLY: Batch #: / Lab No.	Sample Description: Sample I.D. / Location	Date	Time	8081A	8082	8260B	8270C	6010B	8015B (GRO) / BTEX	8015B (DRO)	8021 (BTEX)	TITLE 22 / CAM 17	SOIL	WATER	GROUND WATER	WASTEWATER	TAT	Container(s) #	Type	PRESERVATION	REMARKS
	12000 12 -51	G82 -1.5	1/3/12	1017								X		X					1	P T		
	52	-2.5		1018																		
	53	G83 -0		1028																		
	54	-0.5		1029																		
	55	-1.5		1030																		
	56	-2.5		1030																		
	57	G84 -0		1032																		
	58	-0.5		1033																		
	59	-1.5		1034																		
	60	-2.5		1035																		

• TAT starts 8 a.m. following day if samples received after 3 p.m.

TAT: A= Overnight ≤ 24 hr B= Emergency Next workday C= Critical 2 Workdays D= Urgent 3 Workdays E= Routine 7 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=Hcl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

DISTRIBUTION: White with report Yellow to folder Pink to submitter

CHAIN OF CUSTODY RECORD

Advanced Technology Laboratories
3275 Walnut Avenue
Signal Hill, CA 90755
(562) 989-4045 • Fax (562) 989-4040

FOR LABORATORY USE ONLY:

P.O.#: _____

Logged By: _____ Date: _____

Method of Transport: Client ☐ ATL ☐ CA OverN ☐ FEDEX ☐ Other: _____

Sample Condition Upon Receipt: 1. CHILLED Y☐ N☐ 2. HEADSPACE (VOA) Y☐ N☐ 3. CONTAINER INTACT Y☐ N☐ 4. SEALED Y☐ N☐ 5. # OF SPLS MATCH COC Y☐ N☐ 6. PRESERVED Y☐ N☐

Client: GEOCON CONSULTANTS, INC.
Attn: L. BEADLE
Address: 6671 Brisa Street
City: Livermore State: CA Zip Code: 94550
TEL: (925) 371-5900
FAX: (925) 371-5915

Project Name: TO-16 Project #: E8560-06-16 Sampler: (Printed Name) L. Beadle (Signature) L. Beadle

Relinquished by: (Signature and Printed Name) L. Beadle L Beadle Date: 1/3/12 Time: Received by: (Signature and Printed Name) GSO Date: Time:

Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Mage Date: 1/4/12 Time: 955

Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:

I hereby authorize ATL to perform the work indicated below:
Project Mgr / Submitter: D. WATTS
Print Name Date
Signature

Send Report To:
Attn: _____
Co: SAME AS ABOVE
Address _____
City _____ State _____ Zip _____

Bill To:
Attn: _____
Co: SAME AS ABOVE
Address _____
City _____ State _____ Zip _____

Special Instructions/Comments: See p.1

Sample/Records - Archival & Disposal
Unless otherwise requested by client, all samples will be disposed 45 days after receipt and records will be disposed 1 year after submittal of final report.

Storage Fees (applies when storage is requested):
- Sample : $2.00 / sample / mo (after 45 days)
- Records : $1.00 / ATL workorder / mo (after 1 year)

Circle or Add Analysis(es) Requested: 8081A (Pesticides), 8082 (PCB), 8260B (Volatiles), 8270C (BNA), 6010B (Total Metal), 8015B (GRO) / BTEX, 8015B (DRO), 8021 (BTEX), TITLE 22 / CAM 17 (6010 / 7000)

SPECIFY APPROPRIATE MATRIX: SOIL, WATER, GROUND WATER, WASTEWATER

ITEM	LAB USE ONLY: Batch #: / Lab No.	Sample Description: Sample I.D. / Location	Date	Time	8081A (Pesticides)	8082 (PCB)	8260B (Volatiles)	8270C (BNA)	6010B (Total Metal)	8015B (GRO) / BTEX	8015B (DRO)	8021 (BTEX)	TITLE 22 / CAM 17 (6010 / 7000)	SOIL	WATER	GROUND WATER	WASTEWATER	TAT	Container(s) #	Container(s) Type	PRESERVATION	REMARKS
	1W012-C1	G85-0	1/3/12	1045									X	X						P	T	
	C2	-0.5		↓																		
	C3	-1.5		1046																		
	C4	-2.5		↓																		
	C5	G86-0		1050																		
	C6	-0.5		1051																		
	C7	-1.5		1052																		
	C8	-2.5		1053																		
	C9	G87-0		1055																		
	70	-0.5		1056																		

Q A / Q C: RTNE ☐ CT ☒ SWRCB ☐ Logcode ____ OTHER ____

• TAT starts 8 a.m. following day if samples received after 3 p.m.

TAT: A= Overnight ≤ 24 hr B= Emergency Next workday C= Critical 2 Workdays D= Urgent 3 Workdays E= Routine 7 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=Hcl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

DISTRIBUTION: White with report Yellow to folder Pink to submitter

CHAIN OF CUSTODY RECORD

Advanced Technology Laboratories
3275 Walnut Avenue
Signal Hill, CA 90755
(562) 989-4045 • Fax (562) 989-4040

FOR LABORATORY USE ONLY:

P.O.#: _____

Logged By: _____ Date: _____

Method of Transport: Client ☐ ATL ☐ CA OverN ☐ FEDEX ☐ Other: _____

Sample Condition Upon Receipt: 1. CHILLED Y☐ N☐ 2. HEADSPACE (VOA) Y☐ N☐ 3. CONTAINER INTACT Y☐ N☐ 4. SEALED Y☐ N☐ 5. # OF SPLS MATCH COC Y☐ N☐ 6. PRESERVED Y☐ N☐

Client: GEOCON CONSULTANTS, INC.
Attn: L. BEADLE
Address: 6671 Brisa Street
City: Livermore State: CA Zip Code: 94550
TEL: (925) 371-5900
FAX: (925) 371-5915

Project Name: TO-16 Project #: E8560-06-16 Sampler: (Printed Name) L. Beadle (Signature) L. Beadle

Relinquished by: (Signature and Printed Name) L. Beadle Date: 1/3/12 Time: Received by: (Signature and Printed Name) GSO Date: Time:

Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: 1/4/12 Time: 955

Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:

I hereby authorize ATL to perform the work indicated below:
Project Mgr / Submitter:
D. WATTS
Print Name Date
Signature

Send Report To:
Attn: _____
Co: SAME AS ABOVE
Address _____
City _____ State _____ Zip _____

Bill To:
Attn: _____
Co: SAME AS ABOVE
Address _____
City _____ State _____ Zip _____

Special Instructions/Comments: See p. 1

Sample/Records - Archival & Disposal
Unless otherwise requested by client, all samples will be disposed 45 days after receipt and records will be disposed 1 year after submittal of final report.

Storage Fees (applies when storage is requested):
- Sample : $2.00 / sample / mo (after 45 days)
- Records : $1.00 / ATL workorder / mo (after 1 year)

Circle or Add Analysis(es) Requested: 8081A (Pesticides), 8082 (PCB), 8260B (Volatiles), 8270C (BNA), 6010B (Total Metal), 8015B (GRO) / BTEX, 8015B (DRO), 8021 (BTEX), TITLE 22 / CAM 17 (6010 / 7000)

SPECIFY APPROPRIATE MATRIX: SOIL, WATER, GROUND WATER, WASTEWATER

QA/QC: RTNE ☐ CT ☒ SWRCB ☐ Logcode _____ OTHER _____

ITEM	LAB USE ONLY: Batch #: / Lab No.	Sample Description: Sample I.D. / Location	Date	Time	8081A	8082	8260B	8270C	6010B	8015B (GRO)	8015B (DRO)	8021	TITLE 22 / CAM 17	SOIL	WATER	GROUND WATER	WASTEWATER	TAT	Container(s) #	Type	PRESERVATION	REMARKS
	1200012 -71	G87 -1.5	1/3/12	1057									X	X					1	P		
	-72	-2.5		1058																		
	-73	G88 -0		1100																		
	-74	-0.5		1101																		
	-75	-1.5		1102																		
	-76	-2.5		1103																		
	-77	G89 -0		1115																		
	-78	-0.5		1116																		
	-79	-1.5		1117																		
	-80	-2.5		1118																		

• TAT starts 8 a.m. following day if samples received after 3 p.m.

TAT: A= Overnight ≤ 24 hr B= Emergency Next workday C= Critical 2 Workdays D= Urgent 3 Workdays E= Routine 7 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=HCl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

DISTRIBUTION: White with report Yellow to folder Pink to submitter

CHAIN OF CUSTODY RECORD

Advanced Technology Laboratories
3275 Walnut Avenue
Signal Hill, CA 90755
(562) 989-4045 • Fax (562) 989-4040

FOR LABORATORY USE ONLY:

P.O.#: _____

Logged By: _____ Date: _____

Method of Transport: Client ☐ ATL ☐ CA OverN ☐ FEDEX ☐ Other: _____

Sample Condition Upon Receipt: 1. CHILLED Y☐ N☐ 2. HEADSPACE (VOA) Y☐ N☐ 3. CONTAINER INTACT Y☐ N☐ 4. SEALED Y☐ N☐ 5. # OF SPLS MATCH COC Y☐ N☐ 6. PRESERVED Y☐ N☐

Client: GEOCON CONSULTANTS, INC.
Attn: L. BEADLE
Address: 6671 Brisa Street
City: Livemore State: CA Zip Code: 94550
TEL: (925) 371-5900
FAX: (925) 371-5915

Project Name: TO-16 Project #: E8560-06-16 Sampler: L. Beadle (Printed Name) L. Beadle (Signature)

Relinquished by: (Signature and Printed Name) L. Beadle L. Beadle Date: 1/3/12 Time: Received by: (Signature and Printed Name) Date: Time:
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: 1/3/12 Time: 955
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:

I hereby authorize ATL to perform the work indicated below:
Project Mgr (Submitter): D. WATTS
Print Name Date
Signature

Send Report To: Attn: _____ Co: SAME AS ABOVE Address _____ City _____ State _____ Zip _____

Bill To: Attn: _____ Co: SAME AS ABOVE Address _____ City _____ State _____ Zip _____

Special Instructions/Comments: See p.1

Sample/Records - Archival & Disposal
Unless otherwise requested by client, all samples will be disposed 45 days after receipt and records will be disposed 1 year after submittal of final report.
Storage Fees (applies when storage is requested):
- Sample : $2.00 / sample / mo (after 45 days)
- Records : $1.00 / ATL workorder / mo (after 1 year)

Circle or Add Analysis(es) Requested: 8081A (Pesticides), 8082 (PCB), 8260B (Volatiles), 8270C (BNA), 6010B (Total Metal), 8015B (GRO) / BTEX, 8015B (DRO), 8021 (BTEX), TITLE 22 / CAM 17 (6010 / 7000)

SPECIFY APPROPRIATE MATRIX: SOIL, WATER, GROUND WATER, WASTEWATER

QA/QC: RTNE ☐ CT ☒ SWRCB ☐ Logcode ____ OTHER ____

ITEM	LAB USE ONLY: Batch #: 1200012 Lab No.	Sample Description: Sample I.D. / Location	Date	Time	8081A	8082	8260B	8270C	6010B	8015B (GRO) / BTEX	8015B (DRO)	8021 (BTEX)	TITLE 22 / CAM 17 (6010 / 7000)	SOIL	WATER	GROUND WATER	WASTEWATER	TAT	Container(s) #	Type	PRESERVATION	REMARKS
	-81	G90 -0	1/3/12	1120									X			X				1	P	T
	-82	-0.5		1121																		
	-83	-1.5		1122																		
	-84	-2.5		1123																		
	-85	G91 -0		1125																		
	-86	-0.5		1126																		
	-87	-1.5		1127																		
	-88	-2.5		1128																		
	-89	G92 -0		1200																		
	-90	-0.5		1201																		

• TAT starts 8 a.m. following day if samples received after 3 p.m.

TAT: A= Overnight ≤ 24 hr B= Emergency Next workday C= Critical 2 Workdays D= Urgent 3 Workdays E= Routine 7 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=HCl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

DISTRIBUTION: White with report Yellow to folder Pink to submitter

CHAIN OF CUSTODY RECORD

Advanced Technology Laboratories
3275 Walnut Avenue
Signal Hill, CA 90755
(562) 989-4045 • Fax (562) 989-4040

FOR LABORATORY USE ONLY:

P.O.#: _____

Logged By: _____ Date: _____

Method of Transport: Client ☐ ATL ☐ CA OverN ☐ FEDEX ☐ Other: _____

Sample Condition Upon Receipt:
1. CHILLED Y☐ N☐ 4. SEALED Y☐ N☐
2. HEADSPACE (VOA) Y☐ N☐ 5. # OF SPLS MATCH COC Y☐ N☐
3. CONTAINER INTACT Y☐ N☐ 6. PRESERVED Y☐ N☐

Client: GEOCON CONSULTANTS, INC.
Attn: L. BEADLE
Address: 6671 Brisa Street
City: Livermore State: CA Zip Code: 94550
TEL: (925) 371-5900
FAX: (925) 371-5915

Project Name: TO-16 Project #: E8560-06-16 Sampler: (Printed Name) L. Beadle (Signature) L. Beadle

Relinquished by: (Signature and Printed Name) Liam Beadle Date: 1/3/12 Time: Received by: (Signature and Printed Name) GSO Date: Time:
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Mary [illegible] Date: 1/4/12 Time: 955
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:

I hereby authorize ATL to perform the work indicated below:
Project Mgr / Submitter:
D. WATTS
Print Name Date
Signature

Send Report To:
Attn: _____
Co: SAME AS ABOVE
Address _____
City _____ State _____ Zip _____

Bill To:
Attn: _____
Co: SAME AS ABOVE
Address _____
City _____ State _____ Zip _____

Special Instructions/Comments: See p.1

Sample/Records - Archival & Disposal
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- Records : $1.00 / ATL workorder / mo (after 1 year)

Circle or Add Analysis(es) Requested: 8081A (Pesticides), 8082 (PCB), 8260B (Volatiles), 8270C (BNA), 6010B (Total Metal), 8015B (GRO) / BTEX, 8015B (DRO), 8021 (BTEX), TITLE 22 / CAM 17 (6010 / 7000)

SPECIFY APPROPRIATE MATRIX: SOIL, WATER, GROUND WATER, WASTEWATER

QA/QC: RTNE ☐ CT ☒ SWRCB ☐ Logcode ____ OTHER ____

ITEM	LAB USE ONLY: Batch #: / Lab No.	Sample Description: Sample I.D. / Location	Date	Time	8081A (Pesticides)	8082 (PCB)	8260B (Volatiles)	8270C (BNA)	6010B (Total Metal)	8015B (GRO) / BTEX	8015B (DRO)	8021 (BTEX)	TITLE 22 / CAM 17 (6010 / 7000)	SOIL	WATER	GROUND WATER	WASTEWATER	TAT	Container(s) #	Container(s) Type	PRESERVATION	REMARKS
	1200012-91	G92-1.5	1/3/12	1202									X	X					1	P	N	
	92	-2.5		1203																		
	93	G93-0		1205																		
	94	-0.5		1206																		
	95	-1.5		1207																		
	96	-2.5		1208																		
	97	G94-0		1210																		
	98	-0.5		1211																		
	99	-1.5		1212																		
100		-2.5		1213																		

• TAT starts 8 a.m. following day if samples received after 3 p.m.

TAT: A= Overnight ≤ 24 hr B= Emergency Next workday C= Critical 2 Workdays D= Urgent 3 Workdays E= Routine 7 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=Hcl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

DISTRIBUTION: White with report Yellow to folder Pink to submitter

CHAIN OF CUSTODY RECORD

Advanced Technology Laboratories
3275 Walnut Avenue
Signal Hill, CA 90755
(562) 989-4045 • Fax (562) 989-4040

FOR LABORATORY USE ONLY:

P.O.#: _____
Logged By: _____ Date: _____

Method of Transport: Client ☐ ATL ☐ CA OverN ☐ FEDEX ☐ Other: _____

Sample Condition Upon Receipt: 1. CHILLED Y☐ N☐ 2. HEADSPACE (VOA) Y☐ N☐ 3. CONTAINER INTACT Y☐ N☐ 4. SEALED Y☐ N☐ 5. # OF SPLS MATCH COC Y☐ N☐ 6. PRESERVED Y☐ N☐

Client: GEOCON CONSULTANTS, INC.
Attn: L. BEADLE
Address: 6671 Brisa Street
City: Livermore State: CA Zip Code: 94550
TEL: (925) 371-5900
FAX: (925) 371-5915

Project Name: TO-16 Project #: E8560-06-16 Sampler: (Printed Name) L. Beadle (Signature) L. Beadle

Relinquished by: (Signature and Printed Name) L. Beadle Date: 1/3/12 Time: Received by: (Signature and Printed Name) ESI Date: Time:
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Mary Date: 1/4/12 Time: 955
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:

I hereby authorize ATL to perform the work indicated below:
Project Mgr / Submitter:
D. WATTS
Print Name Date
Signature

Send Report To:
Attn: _____
Co: SAME AS ABOVE
Address _____
City _____ State _____ Zip _____

Bill To:
Attn: _____
Co: SAME AS ABOVE
Address _____
City _____ State _____ Zip _____

Special Instructions/Comments: See p.1

Sample/Records - Archival & Disposal
Unless otherwise requested by client, all samples will be disposed 45 days after receipt and records will be disposed 1 year after submittal of final report.

Storage Fees (applies when storage is requested):
- Sample : $2.00 / sample / mo (after 45 days)
- Records : $1.00 / ATL workorder / mo (after 1 year)

Circle or Add Analysis(es) Requested: 8081A (Pesticides), 8082 (PCB), 8260B (Volatiles), 8270C (BNA), 6010B (Total Metal) Lead, 8015B (GRO) / BTEX, 8015B (DRO), 8021 (BTEX), TITLE 22 / CAM 17 (6010/7000)

SPECIFY APPROPRIATE MATRIX: SOIL, WATER, GROUND WATER, WASTEWATER

QA/QC: RTNE ☐ CT ☒ SWRCB ☐ Logcode _____ OTHER _____

ITEM	LAB USE ONLY: Batch #: / Lab No.	Sample Description: Sample I.D. / Location	Date	Time	8081A	8082	8260B	8270C	6010B Lead	8015B (GRO) / BTEX	8015B (DRO)	8021 (BTEX)	TITLE 22 / CAM 17	SOIL	WATER	GROUND WATER	WASTEWATER	TAT	Container(s) #	Type	PRESERVATION	REMARKS
101	12001L - AB	G95-0	1/3/12	1215									X	X					1	P T		
102	- AC	-0.5		1216																		
103	- AD	-1.5		1217																		
104	- AE	-2.5		1218																		
105	- AF	G144-0		1315					X											P B		
106	- AG	0.5		1316																		
107	- AH	1.5		1317																		
108	- AI	2.5		1318																		
109	- AJ	3.5		1324																		
110	- AK	4.5		1325																		

• TAT starts 8 a.m. following day if samples received after 3 p.m.

TAT: A= Overnight ≤ 24 hr B= Emergency Next workday C= Critical 2 Workdays D= Urgent 3 Workdays E= Routine 7 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=Hcl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

DISTRIBUTION: White with report Yellow to folder Pink to submitter

CHAIN OF CUSTODY RECORD

Advanced Technology Laboratories
3275 Walnut Avenue
Signal Hill, CA 90755
(562) 989-4045 • Fax (562) 989-4040

FOR LABORATORY USE ONLY:

P.O.#: _____

Logged By: _____ Date: _____

Method of Transport: Client ☐ ATL ☐ CA OverN ☐ FEDEX ☐ Other: _____

Sample Condition Upon Receipt: 1. CHILLED Y☐ N☐ 2. HEADSPACE (VOA) Y☐ N☐ 3. CONTAINER INTACT Y☐ N☐ 4. SEALED Y☐ N☐ 5. # OF SPLS MATCH COC Y☐ N☐ 6. PRESERVED Y☐ N☐

Client: GEOCON CONSULTANTS, INC.
Attn: L. BEADLE
Address: 6671 Brisa Street
City: Livermore State: CA Zip Code: 94550
TEL: (925) 371-5900
FAX: (925) 371-5915

Project Name: TO-16 Project #: E8560-06-16 Sampler: (Printed Name) L. Beadle (Signature) L Beadle

Relinquished by: (Signature and Printed Name)	Date:	Time:	Received by: (Signature and Printed Name)	Date:	Time:
L Beadle L. Beadle	1/3/12		GSO		
			Mayo	1/4/12	955

I hereby authorize ATL to perform the work indicated below:
Project Mgr (Submitter): D. WATTS
Print Name _____ Date _____
Signature: WILE

Send Report To: Attn: _____ Co: SAME AS ABOVE Address _____ City _____ State _____ Zip _____

Bill To: Attn: _____ Co: SAME AS ABOVE Address _____ City _____ State _____ Zip _____

Special Instructions/Comments: See p.1

Sample/Records - Archival & Disposal
Unless otherwise requested by client, all samples will be disposed 45 days after receipt and records will be disposed 1 year after submittal of final report.

Storage Fees (applies when storage is requested):
- Sample : $2.00 / sample / mo (after 45 days)
- Records : $1.00 / ATL workorder / mo (after 1 year)

Circle or Add Analysis(es) Requested

ITEM	LAB USE ONLY: Batch #: Lab No.	Sample Description: Sample I.D. / Location	Date	Time	8081A (Pesticides)	8082 (PCB)	8260B (Volatiles)	8270C (BNA)	6010B (Total Metal) Lead	8015B (GRO) / BTEX	8015B (DRO)	8021 (BTEX)	TITLE 22 / CAM 17 (6010/7000)	SOIL	WATER	GROUND WATER	WASTEWATER	TAT	Container(s) #	Container(s) Type	PRESERVATION	REMARKS
112	12001 - AL	G14-5.5	1/3/12	1326					X					X					1	P B		
113	1 - AM	-6.5	1	1327					X					X								

QA/QC: RTNE ☐ CT ☒ SWRCB ☐ Logcode ____ OTHER ____

• TAT starts 8 a.m. following day if samples received after 3 p.m.

TAT: A= Overnight ≤ 24 hr B= Emergency Next workday C= Critical 2 Workdays D= Urgent 3 Workdays E= Routine 7 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=Hcl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

DISTRIBUTION: White with report Yellow to folder Pink to submitter

ADVANCED TECHNOLOGY LABORATORIES

January 12, 2012

ELAP No.: 1838
NELAP No.: 02107CA
CSDLAC No.: 10196
ORELAP No.: CA300003

Luann Beadle
Geocon Consultants, Inc.
6671 Brisa Street
Livermore, CA 94550
Tel: (925) 371-5900
Fax:(925) 371-5915

Re: ATL Work Order Number : 1200012
Client Reference : TO-16, E8560-06-16

Enclosed are the results for sample(s) received on January 04, 2012 by Advanced Technology Laboratories. The sample(s) are tested for the parameters as indicated on the enclosed chain of custody in accordance with applicable laboratory certifications. The laboratory results contained in this report specifically pertains to the sample(s) submitted.

Thank you for the opportunity to serve the needs of your company. If you have any questions, please feel free to contact me or your Project Manager.

Sincerely,

Eddie Rodriguez
Laboratory Director

The cover letter and the case narrative are an integral part of this analytical report and its absence renders the report invalid. The report cannot be reproduced without written permission from the client and Advanced Technology Laboratories.

3275 Walnut Avenue, Signal Hill, CA 90755 • Tel: 562-989-4045 • Fax: 562-989-4040
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Geocon Consultants, Inc.	Project Number : TO-16, E8560-06-16
6671 Brisa Street	Report To : Luann Beadle
Livermore , CA 94550	Reported : 01/12/2012

SUMMARY OF SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
G25-0	1200012-01	Soil	1/03/12 8:55	1/04/12 9:55
G25-0	1200012-01	Soil	1/03/12 8:55	1/04/12 9:55
G25-0.5	1200012-02	Soil	1/03/12 8:56	1/04/12 9:55
G25-0.5	1200012-02	Soil	1/03/12 8:56	1/04/12 9:55
G34-0	1200012-09	Soil	1/03/12 9:05	1/04/12 9:55
G34-0	1200012-09	Soil	1/03/12 9:05	1/04/12 9:55
G34-0.5	1200012-10	Soil	1/03/12 9:06	1/04/12 9:55
G34-0.5	1200012-10	Soil	1/03/12 9:06	1/04/12 9:55
G34-1.5	1200012-11	Soil	1/03/12 9:07	1/04/12 9:55
G34-1.5	1200012-11	Soil	1/03/12 9:07	1/04/12 9:55
G35-0	1200012-13	Soil	1/03/12 9:10	1/04/12 9:55
G35-2.5	1200012-16	Soil	1/03/12 9:13	1/04/12 9:55
G38-0.5	1200012-18	Soil	1/03/12 9:19	1/04/12 9:55
G38-0.5	1200012-18	Soil	1/03/12 9:19	1/04/12 9:55
G38-1.5	1200012-19	Soil	1/03/12 9:20	1/04/12 9:55
G38-1.5	1200012-19	Soil	1/03/12 9:20	1/04/12 9:55
G39-0	1200012-21	Soil	1/03/12 9:25	1/04/12 9:55
G39-1.5	1200012-23	Soil	1/03/12 9:27	1/04/12 9:55
G45-0	1200012-25	Soil	1/03/12 9:35	1/04/12 9:55
G45-0	1200012-25	Soil	1/03/12 9:35	1/04/12 9:55
G45-0.5	1200012-26	Soil	1/03/12 9:36	1/04/12 9:55
G45-0.5	1200012-26	Soil	1/03/12 9:36	1/04/12 9:55
G46-0	1200012-29	Soil	1/03/12 9:40	1/04/12 9:55
G46-0	1200012-29	Soil	1/03/12 9:40	1/04/12 9:55
G50-0	1200012-33	Soil	1/03/12 9:46	1/04/12 9:55
G50-0.5	1200012-34	Soil	1/03/12 9:47	1/04/12 9:55
G50-0.5	1200012-34	Soil	1/03/12 9:47	1/04/12 9:55
G80-0	1200012-41	Soil	1/03/12 10:04	1/04/12 9:55
G80-0.5	1200012-42	Soil	1/03/12 10:05	1/04/12 9:55
G80-0.5	1200012-42	Soil	1/03/12 10:05	1/04/12 9:55
G81-0	1200012-45	Soil	1/03/12 10:10	1/04/12 9:55
G82-2.5	1200012-52	Soil	1/03/12 10:18	1/04/12 9:55
G83-2.5	1200012-56	Soil	1/03/12 10:30	1/04/12 9:55
G84-0	1200012-57	Soil	1/03/12 10:32	1/04/12 9:55

Geocon Consultants, Inc.	Project Number :	TO-16, E8560-06-16
6671 Brisa Street	Report To :	Luann Beadle
Livermore , CA 94550	Reported :	01/12/2012

G84-0	1200012-57	Soil	1/03/12 10:32	1/04/12 9:55
G84-2.5	1200012-60	Soil	1/03/12 10:35	1/04/12 9:55
G84-2.5	1200012-60	Soil	1/03/12 10:35	1/04/12 9:55
G88-0	1200012-73	Soil	1/03/12 11:00	1/04/12 9:55
G89-0	1200012-77	Soil	1/03/12 11:15	1/04/12 9:55
G89-0	1200012-77	Soil	1/03/12 11:15	1/04/12 9:55
G89-0.5	1200012-78	Soil	1/03/12 11:16	1/04/12 9:55
G89-0.5	1200012-78	Soil	1/03/12 11:16	1/04/12 9:55
G91-0.5	1200012-86	Soil	1/03/12 11:26	1/04/12 9:55
G92-0	1200012-89	Soil	1/03/12 12:00	1/04/12 9:55
G92-0	1200012-89	Soil	1/03/12 12:00	1/04/12 9:55
G92-2.5	1200012-92	Soil	1/03/12 12:03	1/04/12 9:55
G92-2.5	1200012-92	Soil	1/03/12 12:03	1/04/12 9:55
G93-1.5	1200012-95	Soil	1/03/12 12:07	1/04/12 9:55
G95-0.5	1200012-AC	Soil	1/03/12 12:16	1/04/12 9:55
G144-0.5	1200012-AG	Soil	1/03/12 13:16	1/04/12 9:55
G144-1.5	1200012-AH	Soil	1/03/12 13:17	1/04/12 9:55

Geocon Consultants, Inc.	Project Number : TO-16, E8560-06-16
6671 Brisa Street	Report To : Luann Beadle
Livermore , CA 94550	Reported : 01/12/2012

TCLP Mercury by AA (Cold Vapor) by EPA 7470

Analyte: Mercury **Analyst: VV**

Laboratory ID	Client Sample ID	Result	Units	PQL	MDL	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1200012-01	G25-0	**ND**	ug/L	0.20	NA	1	B2A0269	01/10/2012	01/10/12 17:11	
1200012-02	G25-0.5	**ND**	ug/L	0.20	NA	1	B2A0269	01/10/2012	01/10/12 17:14	
1200012-09	G34-0	**ND**	ug/L	0.20	NA	1	B2A0269	01/10/2012	01/10/12 17:16	
1200012-18	G38-0.5	**ND**	ug/L	0.20	NA	1	B2A0269	01/10/2012	01/10/12 17:18	
1200012-19	G38-1.5	**ND**	ug/L	0.20	NA	1	B2A0269	01/10/2012	01/10/12 17:21	
1200012-34	G50-0.5	**ND**	ug/L	0.20	NA	1	B2A0269	01/10/2012	01/10/12 17:25	
1200012-42	G80-0.5	**1.2**	ug/L	0.20	NA	1	B2A0269	01/10/2012	01/10/12 17:32	
1200012-60	G84-2.5	**ND**	ug/L	0.20	NA	1	B2A0269	01/10/2012	01/10/12 17:35	
1200012-78	G89-0.5	**ND**	ug/L	0.20	NA	1	B2A0269	01/10/2012	01/10/12 17:07	

STLC Metals by ICP-AES by EPA 6010B

Analyte: Chromium **Analyst: KK**

Laboratory ID	Client Sample ID	Result	Units	PQL	MDL	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1200012-23	G39-1.5	**ND**	mg/L	1.0	NA	20	B2A0251	01/09/2012	01/12/12 09:34	

Geocon Consultants, Inc.	Project Number : TO-16, E8560-06-16
6671 Brisa Street	Report To : Luann Beadle
Livermore , CA 94550	Reported : 01/12/2012

STLC Lead by AA (Direct Aspiration) by EPA 7420

Analyte: Lead **Analyst: VV**

Laboratory ID	Client Sample ID	Result	Units	PQL	MDL	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1200012-09	G34-0	**6.5**	mg/L	0.50	NA	1	B2A0249	01/09/2012	01/11/12 17:04	
1200012-13	G35-0	**4.5**	mg/L	0.50	NA	1	B2A0249	01/09/2012	01/11/12 17:05	
1200012-16	G35-2.5	**6.5**	mg/L	0.50	NA	1	B2A0249	01/09/2012	01/11/12 17:05	
1200012-21	G39-0	**5.0**	mg/L	0.50	NA	1	B2A0249	01/09/2012	01/11/12 17:06	
1200012-33	G50-0	**8.7**	mg/L	1.0	NA	2	B2A0249	01/09/2012	01/11/12 17:07	
1200012-41	G80-0	**9.9**	mg/L	1.0	NA	2	B2A0249	01/09/2012	01/11/12 17:08	
1200012-45	G81-0	**3.8**	mg/L	0.50	NA	1	B2A0249	01/09/2012	01/11/12 17:08	
1200012-52	G82-2.5	**0.54**	mg/L	0.50	NA	1	B2A0249	01/09/2012	01/11/12 17:09	
1200012-56	G83-2.5	**1.6**	mg/L	0.50	NA	1	B2A0249	01/09/2012	01/11/12 17:10	
1200012-73	G88-0	**9.9**	mg/L	1.0	NA	2	B2A0249	01/09/2012	01/11/12 17:10	
1200012-86	G91-0.5	**1.2**	mg/L	0.50	NA	1	B2A0249	01/09/2012	01/11/12 17:11	
1200012-95	G93-1.5	**3.4**	mg/L	0.50	NA	1	B2A0249	01/09/2012	01/11/12 17:11	
1200012-AC	G95-0.5	**2.2**	mg/L	0.50	NA	1	B2A0249	01/09/2012	01/11/12 17:12	
1200012-AG	G144-0.5	**15**	mg/L	1.0	NA	2	B2A0250	01/09/2012	01/11/12 17:15	
1200012-AH	G144-1.5	**8.7**	mg/L	0.50	NA	1	B2A0250	01/09/2012	01/11/12 17:16	

TCLP Lead by AA (Direct Aspiration) EPA 7420

Analyte: Lead **Analyst: CB**

Laboratory ID	Client Sample ID	Result	Units	PQL	MDL	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1200012-29	G46-0	**1.2**	mg/L	0.50	NA	1	B2A0258	01/10/2012	01/10/12 14:54	
1200012-57	G84-0	**ND**	mg/L	0.50	NA	1	B2A0258	01/10/2012	01/10/12 14:55	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/12/2012

STLC Mercury by AA (Cold Vapor) EPA 7470A

Analyte: Mercury **Analyst: VV**

Laboratory ID	Client Sample ID	Result	Units	PQL	MDL	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1200012-01	G25-0	**ND**	ug/L	1.0	NA	1	B2A0312	01/11/2012	01/11/12 18:52	
1200012-02	G25-0.5	**ND**	ug/L	1.0	NA	1	B2A0312	01/11/2012	01/11/12 18:55	
1200012-09	G34-0	**ND**	ug/L	1.0	NA	1	B2A0312	01/11/2012	01/11/12 18:57	
1200012-10	G34-0.5	**ND**	ug/L	1.0	NA	1	B2A0312	01/11/2012	01/11/12 19:04	
1200012-11	G34-1.5	**ND**	ug/L	1.0	NA	1	B2A0312	01/11/2012	01/11/12 19:06	
1200012-18	G38-0.5	**ND**	ug/L	1.0	NA	1	B2A0312	01/11/2012	01/11/12 19:08	
1200012-19	G38-1.5	**ND**	ug/L	1.0	NA	1	B2A0312	01/11/2012	01/11/12 19:11	
1200012-25	G45-0	**ND**	ug/L	1.0	NA	1	B2A0312	01/11/2012	01/11/12 19:13	
1200012-26	G45-0.5	**ND**	ug/L	1.0	NA	1	B2A0312	01/11/2012	01/11/12 19:15	
1200012-34	G50-0.5	**ND**	ug/L	1.0	NA	1	B2A0312	01/11/2012	01/11/12 18:48	
1200012-42	G80-0.5	**ND**	ug/L	1.0	NA	1	B2A0313	01/11/2012	01/11/12 21:55	
1200012-60	G84-2.5	**ND**	ug/L	1.0	NA	1	B2A0313	01/11/2012	01/11/12 21:58	
1200012-77	G89-0	**ND**	ug/L	1.0	NA	1	B2A0313	01/11/2012	01/11/12 22:00	
1200012-78	G89-0.5	**ND**	ug/L	1.0	NA	1	B2A0313	01/11/2012	01/11/12 22:02	
1200012-89	G92-0	**ND**	ug/L	1.0	NA	1	B2A0313	01/11/2012	01/11/12 22:04	
1200012-92	G92-2.5	**ND**	ug/L	1.0	NA	1	B2A0313	01/11/2012	01/11/12 21:51	

Geocon Consultants, Inc.	Project Number : TO-16, E8560-06-16
6671 Brisa Street	Report To : Luann Beadle
Livermore , CA 94550	Reported : 01/12/2012

QUALITY CONTROL SECTION

TCLP Mercury by AA (Cold Vapor) by EPA 7470 - Quality Control

Analyte	Result (ug/L)	PQL (ug/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0269 - EPA 245.1/7470									
Blank (B2A0269-BLK1)					Prepared: 1/10/2012 Analyzed: 1/10/2012				
Mercury	ND	0.20			NR				
Blank (B2A0269-BLK2)					Prepared: 1/10/2012 Analyzed: 1/10/2012				
Mercury	ND	0.20			NR				
LCS (B2A0269-BS1)					Prepared: 1/10/2012 Analyzed: 1/10/2012				
Mercury	9.8	0.20	10.0		98.3	85 - 115			
Duplicate (B2A0269-DUP1)		**Source: 1200012-78**			Prepared: 1/10/2012 Analyzed: 1/10/2012				
Mercury	0.07	0.20		0.07	NR		0.850	20	
Matrix Spike (B2A0269-MS1)		**Source: 1200012-78**			Prepared: 1/10/2012 Analyzed: 1/10/2012				
Mercury	9.9	0.20	10.0	0.07	98.2	70 - 130			
Matrix Spike Dup (B2A0269-MSD1)		**Source: 1200012-78**			Prepared: 1/10/2012 Analyzed: 1/10/2012				
Mercury	11	0.20	10.0	0.07	105	70 - 130	7.01	20	
Batch S2A0106 - B2A0269									
Instrument Blank (S2A0106-IBL1)					Prepared: 1/10/2012 Analyzed: 1/10/2012				
Mercury	ND	0.20			NR				

Geocon Consultants, Inc.	Project Number : TO-16, E8560-06-16
6671 Brisa Street	Report To : Luann Beadle
Livermore , CA 94550	Reported : 01/12/2012

STLC Metals by ICP-AES by EPA 6010B - Quality Control

Analyte	Result (mg/L)	PQL (mg/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0251 - STLC Extraction									
Blank (B2A0251-BLK1)					Prepared: 1/9/2012 Analyzed: 1/12/2012				
Chromium	ND	1.0			NR				
Blank (B2A0251-BLK2)					Prepared: 1/9/2012 Analyzed: 1/12/2012				
Chromium	ND	1.0			NR				
LCS (B2A0251-BS1)					Prepared: 1/9/2012 Analyzed: 1/12/2012				
Chromium	1.8	0.10	2.00		91.6	85 - 115			
Duplicate (B2A0251-DUP1)		**Source: 1200012-26**			Prepared: 1/9/2012 Analyzed: 1/12/2012				
Chromium	0.07	1.0		0.06	NR		24.6	20	R
Duplicate (B2A0251-DUP2)		**Source: 1200012-92**			Prepared: 1/9/2012 Analyzed: 1/12/2012				
Chromium	0.04	1.0		0.02	NR		35.3	20	R
Matrix Spike (B2A0251-MS1)		**Source: 1200012-26**			Prepared: 1/9/2012 Analyzed: 1/12/2012				
Chromium	2.3	0.10	2.50	0.06	90.3	74 - 103			
Matrix Spike (B2A0251-MS2)		**Source: 1200012-92**			Prepared: 1/9/2012 Analyzed: 1/12/2012				
Chromium	2.3	0.10	2.50	0.02	91.5	74 - 103			
Matrix Spike Dup (B2A0251-MSD1)		**Source: 1200012-26**			Prepared: 1/9/2012 Analyzed: 1/12/2012				
Chromium	2.4	0.10	2.50	0.06	93.5	74 - 103	3.40	20	

Geocon Consultants, Inc.	Project Number : TO-16, E8560-06-16
6671 Brisa Street	Report To : Luann Beadle
Livermore , CA 94550	Reported : 01/12/2012

STLC Lead by AA (Direct Aspiration) by EPA 7420 - Quality Control

Analyte	Result (mg/L)	PQL (mg/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0249 - STLC Extraction									
Blank (B2A0249-BLK1)					Prepared: 1/9/2012 Analyzed: 1/11/2012				
Lead	ND	0.50			NR				
Blank (B2A0249-BLK2)					Prepared: 1/9/2012 Analyzed: 1/11/2012				
Lead	ND	0.50			NR				
LCS (B2A0249-BS1)					Prepared: 1/9/2012 Analyzed: 1/11/2012				
Lead	4.9	0.05	5.00		97.5	80 - 120			
Duplicate (B2A0249-DUP1)		**Source: 1200012-16**			Prepared: 1/9/2012 Analyzed: 1/11/2012				
Lead	6.5	0.50		6.5	NR		0.250	20	
Duplicate (B2A0249-DUP2)		**Source: 1200012-AC**			Prepared: 1/9/2012 Analyzed: 1/11/2012				
Lead	2.2	0.50		2.2	NR		0.267	20	
Matrix Spike (B2A0249-MS1)		**Source: 1200012-16**			Prepared: 1/9/2012 Analyzed: 1/11/2012				
Lead	12	0.10	5.00	6.5	103	80 - 120			
Matrix Spike (B2A0249-MS2)		**Source: 1200012-AC**			Prepared: 1/9/2012 Analyzed: 1/11/2012				
Lead	7.0	0.05	5.00	2.2	96.1	80 - 120			
Matrix Spike Dup (B2A0249-MSD1)		**Source: 1200012-16**			Prepared: 1/9/2012 Analyzed: 1/11/2012				
Lead	11	0.10	5.00	6.5	92.7	80 - 120	4.40	20	
Batch B2A0250 - STLC Extraction									
Blank (B2A0250-BLK1)					Prepared: 1/9/2012 Analyzed: 1/11/2012				
Lead	ND	0.50			NR				
LCS (B2A0250-BS1)					Prepared: 1/9/2012 Analyzed: 1/11/2012				
Lead	5.1	0.05	5.00		103	80 - 120			
Duplicate (B2A0250-DUP1)		**Source: 1200012-AG**			Prepared: 1/9/2012 Analyzed: 1/11/2012				
Lead	15	1.0		15	NR		1.20	20	
Matrix Spike (B2A0250-MS1)		**Source: 1200012-AG**			Prepared: 1/9/2012 Analyzed: 1/11/2012				
Lead	21	0.20	5.00	15	116	80 - 120			
Matrix Spike Dup (B2A0250-MSD1)		**Source: 1200012-AG**			Prepared: 1/9/2012 Analyzed: 1/11/2012				
Lead	20	0.20	5.00	15	101	80 - 120	3.59	20	
Batch S2A0124 - B2A0250									
Instrument Blank (S2A0124-IBL1)					Prepared: 1/11/2012 Analyzed: 1/11/2012				
Lead	ND	0.50			NR				

Geocon Consultants, Inc.	Project Number : TO-16, E8560-06-16
6671 Brisa Street	Report To : Luann Beadle
Livermore , CA 94550	Reported : 01/12/2012

TCLP Lead by AA (Direct Aspiration) EPA 7420 - Quality Control

Analyte	Result (mg/L)	PQL (mg/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0258 - EPA 3010A									
Blank (B2A0258-BLK1)					Prepared: 1/10/2012 Analyzed: 1/10/2012				
Lead	ND	0.50			NR				
Blank (B2A0258-BLK2)					Prepared: 1/10/2012 Analyzed: 1/10/2012				
Lead	ND	0.50			NR				
Blank (B2A0258-BLK3)					Prepared: 1/10/2012 Analyzed: 1/10/2012				
Lead	ND	0.50			NR				
Blank (B2A0258-BLK4)					Prepared: 1/10/2012 Analyzed: 1/10/2012				
Lead	ND	0.50			NR				
LCS (B2A0258-BS1)					Prepared: 1/10/2012 Analyzed: 1/10/2012				
Lead	1.1	0.50	1.00		112	80 - 120			
Duplicate (B2A0258-DUP1)		**Source: 1200012-57**			Prepared: 1/10/2012 Analyzed: 1/10/2012				
Lead	0.55	0.50		0.46	NR		18.2	20	
Duplicate (B2A0258-DUP2)		**Source: 1100589-29**			Prepared: 1/10/2012 Analyzed: 1/10/2012				
Lead	0.32	0.50		0.23	NR		33.8	20	R
Matrix Spike (B2A0258-MS1)		**Source: 1200012-57**			Prepared: 1/10/2012 Analyzed: 1/10/2012				
Lead	3.1	0.50	2.50	0.46	104	80 - 120			
Matrix Spike (B2A0258-MS2)		**Source: 1100589-29**			Prepared: 1/10/2012 Analyzed: 1/10/2012				
Lead	3.0	0.50	2.50	0.23	112	80 - 120			
Matrix Spike Dup (B2A0258-MSD1)		**Source: 1200012-57**			Prepared: 1/10/2012 Analyzed: 1/10/2012				
Lead	3.1	0.50	2.50	0.46	107	80 - 120	2.21	20	
Batch S2A0105 - B2A0258									
Instrument Blank (S2A0105-IBL1)					Prepared: 1/10/2012 Analyzed: 1/10/2012				
Lead	ND	0.50			NR				

Geocon Consultants, Inc.	Project Number : TO-16, E8560-06-16
6671 Brisa Street	Report To : Luann Beadle
Livermore , CA 94550	Reported : 01/12/2012

STLC Mercury by AA (Cold Vapor) EPA 7470A - Quality Control

Analyte	Result (ug/L)	PQL (ug/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0312 - EPA 245.1/7470									
Blank (B2A0312-BLK1)					Prepared: 1/11/2012 Analyzed: 1/11/2012				
Mercury	ND	0.20			NR				
Blank (B2A0312-BLK2)					Prepared: 1/11/2012 Analyzed: 1/11/2012				
Mercury	ND	0.20			NR				
LCS (B2A0312-BS1)					Prepared: 1/11/2012 Analyzed: 1/11/2012				
Mercury	10	0.20	10.0		104	85 - 115			
Duplicate (B2A0312-DUP1)		**Source: 1200012-34**			Prepared: 1/11/2012 Analyzed: 1/11/2012				
Mercury	ND	1.0		ND	NR			20	
Matrix Spike (B2A0312-MS1)		**Source: 1200012-34**			Prepared: 1/11/2012 Analyzed: 1/11/2012				
Mercury	9.9	1.0	50.0	ND	19.9	70 - 130			M2
Matrix Spike Dup (B2A0312-MSD1)		**Source: 1200012-34**			Prepared: 1/11/2012 Analyzed: 1/11/2012				
Mercury	2.8	1.0	50.0	ND	5.57	70 - 130	112	20	M2
Batch B2A0313 - EPA 245.1/7470									
Blank (B2A0313-BLK1)					Prepared: 1/11/2012 Analyzed: 1/11/2012				
Mercury	ND	0.20			NR				
Blank (B2A0313-BLK2)					Prepared: 1/11/2012 Analyzed: 1/11/2012				
Mercury	ND	0.20			NR				
LCS (B2A0313-BS1)					Prepared: 1/11/2012 Analyzed: 1/11/2012				
Mercury	10	0.20	10.0		101	85 - 115			
Duplicate (B2A0313-DUP1)		**Source: 1200012-92**			Prepared: 1/11/2012 Analyzed: 1/11/2012				
Mercury	ND	1.0		ND	NR			20	
Matrix Spike (B2A0313-MS1)		**Source: 1200012-92**			Prepared: 1/11/2012 Analyzed: 1/11/2012				
Mercury	1.4	1.0	50.0	ND	2.76	70 - 130			M2
Matrix Spike Dup (B2A0313-MSD1)		**Source: 1200012-92**			Prepared: 1/11/2012 Analyzed: 1/11/2012				
Mercury	1.5	1.0	50.0	ND	3.07	70 - 130	10.7	20	M2
Batch S2A0127 - B2A0313									
Instrument Blank (S2A0127-IBL1)					Prepared: 1/11/2012 Analyzed: 1/11/2012				
Mercury	ND	0.20			NR				
Batch S2A0128 - B2A0313									
Instrument Blank (S2A0128-IBL1)					Prepared: 1/11/2012 Analyzed: 1/11/2012				
Mercury	ND	0.20			NR				

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/12/2012

Notes and Definitions

R	RPD value outside acceptance criteria. Calculation is based on raw values.
M2	Matrix spike recovery outside of acceptance limit due to possible matrix interference. The analytical batch was validated by the laboratory control sample.
ND	Analyte not detected at or above reporting limit
PQL	Practical Quantitation Limit
MDL	Method Detection Limit
NR	Not Reported
RPD	Relative Percent Difference

Diane Galvan

From: Luann Beadle [beadle@geoconinc.com]
Sent: Monday, January 09, 2012 11:32 AM
To: Diane Galvan
Subject: FW: TO-16 Lab Results 1200012 - Run Soluble Metals
Attachments: pic21625.jpg

Hi Diane,
Forwarded from Caltrans-expedited TAT again, please.
Thank you,
Luann

-----Original Message-----
From: Rowena Hollis [mailto:rowena_hollis@dot.ca.gov]
Sent: Monday, January 09, 2012 11:37 AM
To: beadle@geoconinc.com
Cc: Chris Wilson; day@geoconinc.com; watts@geoconinc.com
Subject: TO-16 Lab Results 1200012 - Run Soluble Metals

Hi Luann,

Please run soluble metals for the following:

File 1200012.xls
WET:

Sample Name	Lab Sample ID	Analyte
G39-1.5	1200012-23	Chromium
G81-0	1200012-45	Lead
G95-0.5	1200012-AC	Lead
G39-0	1200012-21	Lead
G82-2.5	1200012-52	Lead
G88-0	1200012-73	Lead
G34-0	1200012-09	Lead
G35-0	1200012-13	Lead
G91-0.5	1200012-86	Lead
G93-1.5	1200012-95	Lead
G35-2.5	1200012-16	Lead
G144-0.5	1200012-AG	Lead

G144-1.5	1200012-AH	Lead
G80-0	1200012-41	Lead
G83-2.5	1200012-56	Lead
G50-0	1200012-33	Lead

G92-0	1200012-89	Mercury
G45-0	1200012-25	Mercury
G45-0.5	1200012-26	Mercury
G92-2.5	1200012-92	Mercury
G34-0.5	1200012-10	Mercury
G34-1.5	1200012-11	Mercury
G89-0	1200012-77	Mercury

WET & TCLP:

G25-0.5	1200012-02	Mercury
G89-0.5	1200012-78	Mercury
G84-2.5	1200012-60	Mercury
G50-0.5	1200012-34	Mercury
G25-0	1200012-01	Mercury
G38-1.5	1200012-19	Mercury
G38-0.5	1200012-18	Mercury
G34-0	1200012-09	Mercury
G80-0.5	1200012-42	Mercury

TCLP:

G84-0	1200012-57	Lead
G46-0	1200012-29	Lead

Thank you. Please contact me if you have any questions.

Rowena Hollis
Transportation Engineer

Office of Environmental Engineering
111 Grand Avenue, MS 8C
Oakland, CA 94612
(510) 286-5540
----- Forwarded by Rowena Hollis/D04/Caltrans/CAGov on 01/09/2012 09:33 AM -----

Livermore Office <livermore@geocon inc.com>		To
01/06/2012 04:03 PM	Rowena Hollis <rowena_hollis@dot.ca.gov>	cc
		Subject
	FW: Results/EDD - TO-16 (1200012)	

From: Diane Galvan [mailto:diane@atlglobal.com]
Sent: Friday, January 06, 2012 4:05 PM
To: beadle@geoconinc.com
Cc: livermore@geoconinc.com
Subject: Results/EDD - TO-16 (1200012)

Hi Luann,

Here are the results and EDD, invoice to follow.

Thanks,
Diane Galvan
Project Manager
(Embedded image moved to file: pic21625.jpg)atl logoAdvanced Technology Laboratories www.atlglobal.com
Tel: (562) 989-4045 ext. 238
Fax: (562) 989-4040
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certificates and a USDA soil permit. ATL takes pride in providing our customers with quick turnaround time, excellent customer service and defensible data while offering very competitive rates. Advanced Technology Labs - Your Partner for Quality Environmental Testing This message is intended for the use of the individual or entity to which it is addressed. This may contain information that is privileged, confidential, and exempt from disclosure under applicable law. If the reader of this message is not the intended recipient, or the employee or agent responsible for delivering the message to the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is strictly prohibited. If you have received this communication in error, please notify us immediately by telephone and delete the original message. Thank you.
[attachment "1200012.pdf" deleted by Rowena Hollis/D04/Caltrans/CAGov]
[attachment "1200012.xls" deleted by Rowena Hollis/D04/Caltrans/CAGov]

ADVANCED TECHNOLOGY LABORATORIES

January 20, 2012

ELAP No.: 1838
NELAP No.: 02107CA
CSDLAC No.: 10196
ORELAP No.: CA300003

Luann Beadle
Geocon Consultants, Inc.
6671 Brisa Street
Livermore, CA 94550
Tel: (925) 371-5900
Fax:(925) 371-5915

Re: ATL Work Order Number : 1200012
Client Reference : TO-16, E8560-06-16

Enclosed are the results for sample(s) received on January 04, 2012 by Advanced Technology Laboratories. The sample(s) are tested for the parameters as indicated on the enclosed chain of custody in accordance with applicable laboratory certifications. The laboratory results contained in this report specifically pertains to the sample(s) submitted.

Thank you for the opportunity to serve the needs of your company. If you have any questions, please feel free to contact me or your Project Manager.

Sincerely,

Eddie Rodriguez
Laboratory Director

The cover letter and the case narrative are an integral part of this analytical report and its absence renders the report invalid. The report cannot be reproduced without written permission from the client and Advanced Technology Laboratories.

3275 Walnut Avenue, Signal Hill, CA 90755 • Tel: 562-989-4045 • Fax: 562-989-4040
www.atlglobal.com

Geocon Consultants, Inc.	Project Number : TO-16, E8560-06-16
6671 Brisa Street	Report To : Luann Beadle
Livermore , CA 94550	Reported : 01/20/2012

SUMMARY OF SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
G34-0	1200012-09	Soil	1/03/12 9:05	1/04/12 9:55
G35-2.5	1200012-16	Soil	1/03/12 9:13	1/04/12 9:55
G39-0	1200012-21	Soil	1/03/12 9:25	1/04/12 9:55
G46-0	1200012-29	Soil	1/03/12 9:40	1/04/12 9:55
G50-0	1200012-33	Soil	1/03/12 9:46	1/04/12 9:55
G80-0	1200012-41	Soil	1/03/12 10:04	1/04/12 9:55
G84-0	1200012-57	Soil	1/03/12 10:32	1/04/12 9:55
G88-0	1200012-73	Soil	1/03/12 11:00	1/04/12 9:55
G144-0.5	1200012-AG	Soil	1/03/12 13:16	1/04/12 9:55
G144-1.5	1200012-AH	Soil	1/03/12 13:17	1/04/12 9:55

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/20/2012

STLC Lead by AA (Direct Aspiration) by EPA 7420

Analyte: Lead **Analyst: VV**

Laboratory ID	Client Sample ID	Result	Units	PQL	MDL	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1200012-29	G46-0	**11**	mg/L	1.0	NA	2	B2A0459	01/18/2012	01/20/12 12:30	
1200012-57	G84-0	**17**	mg/L	2.5	NA	5	B2A0459	01/18/2012	01/20/12 12:33	

STLC-DI Lead by AA (Direct Aspiration) EPA 7420

Analyte: Lead **Analyst: VV**

Laboratory ID	Client Sample ID	Result	Units	PQL	MDL	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1200012-09	G34-0	**ND**	mg/L	0.50	NA	1	B2A0397	01/16/2012	01/18/12 12:38	
1200012-16	G35-2.5	**ND**	mg/L	0.50	NA	1	B2A0397	01/16/2012	01/18/12 12:38	
1200012-21	G39-0	**ND**	mg/L	0.50	NA	1	B2A0397	01/16/2012	01/18/12 12:39	
1200012-33	G50-0	**ND**	mg/L	0.50	NA	1	B2A0397	01/16/2012	01/18/12 12:39	
1200012-41	G80-0	**ND**	mg/L	0.50	NA	1	B2A0397	01/16/2012	01/18/12 12:39	
1200012-73	G88-0	**ND**	mg/L	0.50	NA	1	B2A0397	01/16/2012	01/18/12 12:40	
1200012-AG	G144-0.5	**ND**	mg/L	0.50	NA	1	B2A0397	01/16/2012	01/18/12 12:40	
1200012-AH	G144-1.5	**ND**	mg/L	0.50	NA	1	B2A0397	01/16/2012	01/18/12 12:40	

Geocon Consultants, Inc.	Project Number : TO-16, E8560-06-16
6671 Brisa Street	Report To : Luann Beadle
Livermore , CA 94550	Reported : 01/20/2012

QUALITY CONTROL SECTION

STLC Lead by AA (Direct Aspiration) by EPA 7420 - Quality Control

Analyte	Result (mg/L)	PQL (mg/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0459 - STLC Extraction									
Blank (B2A0459-BLK1)					Prepared: 1/18/2012 Analyzed: 1/20/2012				
Lead	ND	0.50			NR				
Blank (B2A0459-BLK2)					Prepared: 1/18/2012 Analyzed: 1/20/2012				
Lead	ND	0.50			NR				
LCS (B2A0459-BS1)					Prepared: 1/18/2012 Analyzed: 1/20/2012				
Lead	4.9	0.05	5.00		98.8	80 - 120			
Duplicate (B2A0459-DUP1)		**Source: 1100837-CN**			Prepared: 1/18/2012 Analyzed: 1/20/2012				
Lead	2.9	0.50		2.9	NR		0.613	20	
Duplicate (B2A0459-DUP2)		**Source: 1200023-28**			Prepared: 1/18/2012 Analyzed: 1/20/2012				
Lead	26	2.5		25	NR		4.72	20	
Matrix Spike (B2A0459-MS1)		**Source: 1100837-CN**			Prepared: 1/18/2012 Analyzed: 1/20/2012				
Lead	8.0	0.05	5.00	2.9	102	80 - 120			
Matrix Spike (B2A0459-MS2)		**Source: 1200023-28**			Prepared: 1/18/2012 Analyzed: 1/20/2012				
Lead	31	0.25	5.00	25	124	80 - 120			M1
Matrix Spike Dup (B2A0459-MSD1)		**Source: 1100837-CN**			Prepared: 1/18/2012 Analyzed: 1/20/2012				
Lead	8.1	0.05	5.00	2.9	104	80 - 120	0.964	20	
Batch S2A0124 - B2A0250									
Instrument Blank (S2A0124-IBL1)					Prepared: 1/11/2012 Analyzed: 1/11/2012				
Lead	ND	0.50			NR				
Batch S2A0236 - B2A0475									
Instrument Blank (S2A0236-IBL1)					Prepared: 1/20/2012 Analyzed: 1/20/2012				
Lead	ND	0.50			NR				

Geocon Consultants, Inc.	Project Number : TO-16, E8560-06-16
6671 Brisa Street	Report To : Luann Beadle
Livermore , CA 94550	Reported : 01/20/2012

STLC-DI Lead by AA (Direct Aspiration) EPA 7420 - Quality Control

Analyte	Result (mg/L)	PQL (mg/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0397 - STLC DI Extraction									
Blank (B2A0397-BLK1)					Prepared: 1/16/2012 Analyzed: 1/18/2012				
Lead	ND	0.50			NR				
LCS (B2A0397-BS1)					Prepared: 1/16/2012 Analyzed: 1/18/2012				
Lead	4.9	0.05	5.00		98.4	80 - 120			
Duplicate (B2A0397-DUP1)		**Source: 1200022-23**			Prepared: 1/16/2012 Analyzed: 1/18/2012				
Lead	ND	0.50		ND	NR			20	
Matrix Spike (B2A0397-MS1)		**Source: 1200022-23**			Prepared: 1/16/2012 Analyzed: 1/18/2012				
Lead	5.1	0.05	5.00	ND	101	80 - 120			
Matrix Spike Dup (B2A0397-MSD1)		**Source: 1200022-23**			Prepared: 1/16/2012 Analyzed: 1/18/2012				
Lead	5.0	0.05	5.00	ND	100	80 - 120	1.13	20	
Batch S2A0199 - B2A0454									
Instrument Blank (S2A0199-IBL1)					Prepared: 1/18/2012 Analyzed: 1/18/2012				
Lead	ND	0.50			NR				

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/20/2012

Notes and Definitions

M1	Matrix spike recovery outside of acceptance limit. The analytical batch was validated by the laboratory control sample.
ND	Analyte not detected at or above reporting limit
PQL	Practical Quantitation Limit
MDL	Method Detection Limit
NR	Not Reported
RPD	Relative Percent Difference

Diane Galvan

From: Luann Beadle [beadle@geoconinc.com]
Sent: Friday, January 13, 2012 10:29 AM
To: Diane Galvan
Subject: TO-16 (Lab Order 1200012)

Good Morning Diane,
Per Caltrans, please run the following on an expedited TAT.
Thank you,
Luann

Run DI-WET for the following:

Sample Name	Lab Sample ID	Analyte
G39-0	1200012-21	Lead
G34-0	1200012-09	Lead
G35-2.5	1200012-16	Lead
G50-0	1200012-33	Lead
G144-1.5	1200012-AH	Lead
G80-0	1200012-41	Lead
G88-0	1200012-73	Lead
G144-0.5	1200012-AG	Lead

Diane Galvan

From: Luann Beadle [beadle@geoconinc.com]
Sent: Tuesday, January 17, 2012 3:53 PM
To: Diane Galvan
Subject: FW: TO-16 Lab Results 1200012 - Run Soluble Metals

Hi Diane,
Per Caltrans,
Please run the following analyses on an expedited TAT.
Thank you,
Luann

Please run WETs for the samples below.

File 1200012.xls

Sample Name	Lab Sample ID	Analyte
G84-0	1200012-57	Lead
G46-0	1200012-29	Lead

ADVANCED TECHNOLOGY LABORATORIES

February 03, 2012

ELAP No.: 1838
NELAP No.: 02107CA
CSDLAC No.: 10196
ORELAP No.: CA300003

Luann Beadle
Geocon Consultants, Inc.
6671 Brisa Street
Livermore, CA 94550
Tel: (925) 371-5900
Fax:(925) 371-5915

Re: ATL Work Order Number : 1200012
Client Reference : TO-16, E8560-06-16

Enclosed are the results for sample(s) received on January 04, 2012 by Advanced Technology Laboratories. The sample(s) are tested for the parameters as indicated on the enclosed chain of custody in accordance with applicable laboratory certifications. The laboratory results contained in this report specifically pertains to the sample(s) submitted.

Thank you for the opportunity to serve the needs of your company. If you have any questions, please feel free to contact me or your Project Manager.

Sincerely,

Eddie Rodriguez
Laboratory Director

The cover letter and the case narrative are an integral part of this analytical report and its absence renders the report invalid. The report cannot be reproduced without written permission from the client and Advanced Technology Laboratories.

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	02/03/2012

SUMMARY OF SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
G83-2.5	1200012-56	Soil	1/03/12 10:30	1/04/12 9:55
G85-0	1200012-61	Soil	1/03/12 10:45	1/04/12 9:55
G85-2.5	1200012-64	Soil	1/03/12 10:46	1/04/12 9:55
G91-2.5	1200012-88	Soil	1/03/12 11:28	1/04/12 9:55

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	02/03/2012

Client Sample ID G83-2.5
Lab ID: 1200012-56

Total Metals by ICP-AES EPA 6010B **Analyst: CB**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	4.0	NA	2	B2B0090	02/03/2012	02/03/12 14:00	
Arsenic	**2.6**	2.0	NA	2	B2B0090	02/03/2012	02/03/12 14:00	
Barium	**55**	2.0	NA	2	B2B0090	02/03/2012	02/03/12 14:00	
Beryllium	ND	2.0	NA	2	B2B0090	02/03/2012	02/03/12 14:00	
Cadmium	ND	2.0	NA	2	B2B0090	02/03/2012	02/03/12 14:00	
Chromium	**18**	2.0	NA	2	B2B0090	02/03/2012	02/03/12 14:00	
Cobalt	**8.0**	2.0	NA	2	B2B0090	02/03/2012	02/03/12 14:00	
Copper	**23**	4.0	NA	2	B2B0090	02/03/2012	02/03/12 14:00	
Lead	**38**	2.0	NA	2	B2B0090	02/03/2012	02/03/12 14:00	
Molybdenum	ND	2.0	NA	2	B2B0090	02/03/2012	02/03/12 14:00	
Nickel	**24**	2.0	NA	2	B2B0090	02/03/2012	02/03/12 14:00	
Selenium	ND	2.0	NA	2	B2B0090	02/03/2012	02/03/12 14:00	
Silver	ND	2.0	NA	2	B2B0090	02/03/2012	02/03/12 14:00	
Thallium	ND	2.0	NA	2	B2B0090	02/03/2012	02/03/12 14:00	
Vanadium	**21**	2.0	NA	2	B2B0090	02/03/2012	02/03/12 14:00	
Zinc	**40**	2.0	NA	2	B2B0090	02/03/2012	02/03/12 14:00	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	02/03/2012

Client Sample ID G85-0
Lab ID: 1200012-61

Total Metals by ICP-AES EPA 6010B **Analyst: CB**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2B0090	02/03/2012	02/03/12 13:35	
Arsenic	**8.9**	1.0	NA	1	B2B0090	02/03/2012	02/03/12 13:35	
Barium	**130**	1.0	NA	1	B2B0090	02/03/2012	02/03/12 13:35	
Beryllium	ND	1.0	NA	1	B2B0090	02/03/2012	02/03/12 13:35	
Cadmium	ND	1.0	NA	1	B2B0090	02/03/2012	02/03/12 13:35	
Chromium	**28**	1.0	NA	1	B2B0090	02/03/2012	02/03/12 13:35	
Cobalt	**13**	1.0	NA	1	B2B0090	02/03/2012	02/03/12 13:35	
Copper	**42**	2.0	NA	1	B2B0090	02/03/2012	02/03/12 13:35	
Lead	**55**	1.0	NA	1	B2B0090	02/03/2012	02/03/12 13:35	
Molybdenum	ND	1.0	NA	1	B2B0090	02/03/2012	02/03/12 13:35	
Nickel	**40**	1.0	NA	1	B2B0090	02/03/2012	02/03/12 13:35	
Selenium	ND	1.0	NA	1	B2B0090	02/03/2012	02/03/12 13:35	
Silver	ND	1.0	NA	1	B2B0090	02/03/2012	02/03/12 13:35	
Thallium	ND	1.0	NA	1	B2B0090	02/03/2012	02/03/12 13:35	
Vanadium	**36**	1.0	NA	1	B2B0090	02/03/2012	02/03/12 13:35	
Zinc	**68**	1.0	NA	1	B2B0090	02/03/2012	02/03/12 13:35	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	02/03/2012

Client Sample ID G85-2.5
Lab ID: 1200012-64

Total Metals by ICP-AES EPA 6010B **Analyst: CB**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2B0090	02/03/2012	02/03/12 13:36	
Arsenic	**3.9**	1.0	NA	1	B2B0090	02/03/2012	02/03/12 13:36	
Barium	**41**	1.0	NA	1	B2B0090	02/03/2012	02/03/12 13:36	
Beryllium	ND	1.0	NA	1	B2B0090	02/03/2012	02/03/12 13:36	
Cadmium	ND	1.0	NA	1	B2B0090	02/03/2012	02/03/12 13:36	
Chromium	**14**	1.0	NA	1	B2B0090	02/03/2012	02/03/12 13:36	
Cobalt	**6.9**	1.0	NA	1	B2B0090	02/03/2012	02/03/12 13:36	
Copper	**19**	2.0	NA	1	B2B0090	02/03/2012	02/03/12 13:36	
Lead	**23**	1.0	NA	1	B2B0090	02/03/2012	02/03/12 13:36	
Molybdenum	ND	1.0	NA	1	B2B0090	02/03/2012	02/03/12 13:36	
Nickel	**20**	1.0	NA	1	B2B0090	02/03/2012	02/03/12 13:36	
Selenium	ND	1.0	NA	1	B2B0090	02/03/2012	02/03/12 13:36	
Silver	ND	1.0	NA	1	B2B0090	02/03/2012	02/03/12 13:36	
Thallium	ND	1.0	NA	1	B2B0090	02/03/2012	02/03/12 13:36	
Vanadium	**20**	1.0	NA	1	B2B0090	02/03/2012	02/03/12 13:36	
Zinc	**38**	1.0	NA	1	B2B0090	02/03/2012	02/03/12 13:36	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	02/03/2012

Client Sample ID G91-2.5
Lab ID: 1200012-88

Total Metals by ICP-AES EPA 6010B **Analyst: CB**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B2B0090	02/03/2012	02/03/12 13:38	
Arsenic	**1.7**	1.0	NA	1	B2B0090	02/03/2012	02/03/12 13:38	
Barium	**26**	1.0	NA	1	B2B0090	02/03/2012	02/03/12 13:38	
Beryllium	ND	1.0	NA	1	B2B0090	02/03/2012	02/03/12 13:38	
Cadmium	ND	1.0	NA	1	B2B0090	02/03/2012	02/03/12 13:38	
Chromium	**5.9**	1.0	NA	1	B2B0090	02/03/2012	02/03/12 13:38	
Cobalt	**2.2**	1.0	NA	1	B2B0090	02/03/2012	02/03/12 13:38	
Copper	**7.3**	2.0	NA	1	B2B0090	02/03/2012	02/03/12 13:38	
Lead	**3.0**	1.0	NA	1	B2B0090	02/03/2012	02/03/12 13:38	
Molybdenum	ND	1.0	NA	1	B2B0090	02/03/2012	02/03/12 13:38	
Nickel	**6.9**	1.0	NA	1	B2B0090	02/03/2012	02/03/12 13:38	
Selenium	ND	1.0	NA	1	B2B0090	02/03/2012	02/03/12 13:38	
Silver	ND	1.0	NA	1	B2B0090	02/03/2012	02/03/12 13:38	
Thallium	ND	1.0	NA	1	B2B0090	02/03/2012	02/03/12 13:38	
Vanadium	**4.8**	1.0	NA	1	B2B0090	02/03/2012	02/03/12 13:38	
Zinc	**14**	1.0	NA	1	B2B0090	02/03/2012	02/03/12 13:38	

Geocon Consultants, Inc.	Project Number :	TO-16, E8560-06-16
6671 Brisa Street	Report To :	Luann Beadle
Livermore , CA 94550	Reported :	02/03/2012

QUALITY CONTROL SECTION

Total Metals by ICP-AES EPA 6010B - Quality Control

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2B0090 - EPA 3050B									
Blank (B2B0090-BLK1)				Prepared: 2/3/2012 Analyzed: 2/3/2012					
Antimony	ND	2.0			NR				
Arsenic	ND	1.0			NR				
Barium	ND	1.0			NR				
Beryllium	ND	1.0			NR				
Cadmium	ND	1.0			NR				
Chromium	ND	1.0			NR				
Cobalt	ND	1.0			NR				
Copper	ND	2.0			NR				
Lead	ND	1.0			NR				
Molybdenum	ND	1.0			NR				
Nickel	ND	1.0			NR				
Selenium	ND	1.0			NR				
Silver	ND	1.0			NR				
Thallium	ND	1.0			NR				
Vanadium	ND	1.0			NR				
Zinc	ND	1.0			NR				
LCS (B2B0090-BS1)				Prepared: 2/3/2012 Analyzed: 2/3/2012					
Antimony	48	2.0	50.0		95.3	80 - 120			
Arsenic	47	1.0	50.0		94.3	80 - 120			
Barium	49	1.0	50.0		98.5	80 - 120			
Beryllium	48	1.0	50.0		96.6	80 - 120			
Cadmium	46	1.0	50.0		92.6	80 - 120			
Chromium	47	1.0	50.0		94.5	80 - 120			
Cobalt	47	1.0	50.0		94.6	80 - 120			
Copper	49	2.0	50.0		98.9	80 - 120			
Lead	50	1.0	50.0		99.5	80 - 120			
Molybdenum	52	1.0	50.0		104	80 - 120			
Nickel	46	1.0	50.0		92.7	80 - 120			
Selenium	47	1.0	50.0		93.4	80 - 120			
Silver	48	1.0	50.0		95.5	80 - 120			
Thallium	49	1.0	50.0		97.7	80 - 120			
Vanadium	50	1.0	50.0		99.3	80 - 120			
Zinc	47	1.0	50.0		93.0	80 - 120			
Duplicate (B2B0090-DUP1)		**Source: 1100837-DORE1**		Prepared: 2/3/2012 Analyzed: 2/3/2012					
Antimony	ND	10		ND	NR			20	
Arsenic	1.3	5.0		1.6	NR		20.9	20	R
Barium	42	5.0		53	NR		23.4	20	R
Beryllium	0.48	5.0		0.55	NR		13.6	20	

Geocon Consultants, Inc.	Project Number : TO-16, E8560-06-16
6671 Brisa Street	Report To : Luann Beadle
Livermore , CA 94550	Reported : 02/03/2012

Total Metals by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2B0090 - EPA 3050B (continued)									
Duplicate (B2B0090-DUP1) - Continued		**Source: 1100837-DORE1**		Prepared: 2/3/2012 Analyzed: 2/3/2012					
Cadmium	ND	5.0		ND	NR			20	
Chromium	7.6	5.0		13	NR		50.8	20	R
Cobalt	3.8	5.0		4.7	NR		20.9	20	R
Copper	7.6	10		9.5	NR		21.4	20	R
Lead	16	5.0		19	NR		17.6	20	
Molybdenum	ND	5.0		ND	NR			20	
Nickel	12	5.0		19	NR		43.1	20	R
Selenium	ND	5.0		ND	NR			20	
Silver	ND	5.0		ND	NR			20	
Thallium	1.5	5.0		2.4	NR		42.6	20	R
Vanadium	14	5.0		16	NR		13.8	20	
Zinc	34	5.0		41	NR		17.6	20	
Matrix Spike (B2B0090-MS1)		**Source: 1100837-DORE1**		Prepared: 2/3/2012 Analyzed: 2/3/2012					
Antimony	91	10	125	ND	73.2	44 - 105			
Arsenic	100	5.0	125	1.6	80.4	57 - 103			
Barium	160	5.0	125	53	87.7	36 - 134			
Beryllium	110	5.0	125	0.55	83.9	64 - 106			
Cadmium	100	5.0	125	ND	80.6	58 - 102			
Chromium	120	5.0	125	13	84.2	55 - 105			
Cobalt	110	5.0	125	4.7	85.2	59 - 105			
Copper	120	10	125	9.5	85.8	64 - 117			
Lead	130	5.0	125	19	86.7	46 - 116			
Molybdenum	100	5.0	125	ND	83.4	59 - 108			
Nickel	130	5.0	125	19	89.8	52 - 109			
Selenium	100	5.0	125	ND	80.5	56 - 100			
Silver	110	5.0	125	ND	84.4	65 - 107			
Thallium	110	5.0	125	2.4	85.2	47 - 100			
Vanadium	130	5.0	125	16	87.2	64 - 110			
Zinc	140	5.0	125	41	82.5	37 - 123			
Matrix Spike Dup (B2B0090-MSD1)		**Source: 1100837-DORE1**		Prepared: 2/3/2012 Analyzed: 2/3/2012					
Antimony	91	10	125	ND	72.9	44 - 105	0.391	20	
Arsenic	100	5.0	125	1.6	78.8	57 - 103	1.95	20	
Barium	150	5.0	125	53	74.4	36 - 134	10.8	20	
Beryllium	100	5.0	125	0.55	82.7	64 - 106	1.47	20	
Cadmium	100	5.0	125	ND	80.6	58 - 102	0.0834	20	
Chromium	110	5.0	125	13	79.4	55 - 105	5.27	20	
Cobalt	110	5.0	125	4.7	84.1	59 - 105	1.23	20	
Copper	110	10	125	9.5	82.1	64 - 117	4.05	20	
Lead	130	5.0	125	19	85.8	46 - 116	0.939	20	
Molybdenum	100	5.0	125	ND	81.8	59 - 108	1.94	20	

Geocon Consultants, Inc.	Project Number :	TO-16, E8560-06-16
6671 Brisa Street	Report To :	Luann Beadle
Livermore , CA 94550	Reported :	02/03/2012

Total Metals by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2B0090 - EPA 3050B (continued)									
Matrix Spike Dup (B2B0090-MSD1) - Continued		**Source: 1100837-DORE1**		Prepared: 2/3/2012 Analyzed: 2/3/2012					
Nickel	120	5.0	125	19	83.2	52 - 109	6.48	20	
Selenium	99	5.0	125	ND	78.9	56 - 100	1.94	20	
Silver	100	5.0	125	ND	82.2	65 - 107	2.68	20	
Thallium	110	5.0	125	2.4	83.5	47 - 100	1.95	20	
Vanadium	120	5.0	125	16	80.5	64 - 110	6.88	20	
Zinc	140	5.0	125	41	79.5	37 - 123	2.69	20	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	02/03/2012

Notes and Definitions

R	RPD value outside acceptance criteria. Calculation is based on raw values.
ND	Analyte not detected at or above reporting limit
PQL	Practical Quantitation Limit
MDL	Method Detection Limit
NR	Not Reported
RPD	Relative Percent Difference
CA1	CA-NELAP (CDPH)
CA2	CA-ELAP (CDPH)
OR1	OR-NELAP (OSPHL)
TX1	TX-NELAP (TCEQ)

Diane Galvan

From: Luann Beadle [beadle@geoconinc.com]
Sent: Wednesday, February 01, 2012 3:27 PM
To: Diane Galvan
Subject: RE: E8560-06-16 SOL-80 FPI

Sorry. The elevated level samples were analyzed for CAM 17 metals EPA Method 6010, and the detection limits were, in the case of antimony for example, from 40 to 200 mg/kg. Actually, add G83-2.5 (1200012-56) to the list too, I just noticed.

Thanks again,
Luann

From: Diane Galvan [mailto:diane@atlglobal.com]
Sent: Wednesday, February 01, 2012 3:20 PM
To: Luann Beadle
Subject: RE: E8560-06-16 SOL-80 FPI

Hi Luann,

What analysis are you referring to for the elevated DL's? Please advise.

Thanks,

Diane

From: Luann Beadle [mailto:beadle@geoconinc.com]
Sent: Wednesday, February 01, 2012 3:01 PM
To: Diane Galvan
Subject: E8560-06-16 SOL-80 FPI

Hi Diane,

For the following samples, the detection limits were quite high although the reported analytes concentrations weren't elevated much. Could you please check into them and see if anything could be done to reduce the detection limits?

Sample ID	Lab ID
G79-2.5	1100837-DO
G85-0	1200012-61
G85-2.5	1200012-64
G91-2.5	1200012-88

Thank you,
Luann

Luann Beadle | *Senior Staff Scientist*
Geocon Consultants, Inc.
6671 Brisa Street, Livermore, California 94550
Tel 925.371.5900 Fax 925.371.5915
www.geoconinc.com

ADVANCED TECHNOLOGY LABORATORIES

January 09, 2012

ELAP No.: 1838
NELAP No.: 02107CA
CSDLAC No.: 10196
ORELAP No.: CA300003

Luann Beadle
Geocon Consultants, Inc.
6671 Brisa Street
Livermore, CA 94550
Tel: (925) 371-5900
Fax:(925) 371-5915

Re: ATL Work Order Number : 1200022
Client Reference : TO-16, E8560-06-16

Enclosed are the results for sample(s) received on January 05, 2012 by Advanced Technology Laboratories. The sample(s) are tested for the parameters as indicated on the enclosed chain of custody in accordance with applicable laboratory certifications. The laboratory results contained in this report specifically pertains to the sample(s) submitted.

Thank you for the opportunity to serve the needs of your company. If you have any questions, please feel free to contact me or your Project Manager.

Sincerely,

Eddie Rodriguez
Laboratory Director

The cover letter and the case narrative are an integral part of this analytical report and its absence renders the report invalid. The report cannot be reproduced without written permission from the client and Advanced Technology Laboratories.

Geocon Consultants, Inc.	Project Number : TO-16, E8560-06-16
6671 Brisa Street	Report To : Luann Beadle
Livermore , CA 94550	Reported : 01/09/2012

SUMMARY OF SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
G151-0	1200022-01	Soil	1/04/12 8:20	1/05/12 0:00
G151-0.5	1200022-02	Soil	1/04/12 8:20	1/05/12 0:00
G151-1.5	1200022-03	Soil	1/04/12 8:20	1/05/12 0:00
G151-2.5	1200022-04	Soil	1/04/12 8:20	1/05/12 0:00
G151-3.5	1200022-05	Soil	1/04/12 8:20	1/05/12 0:00
G151-4.5	1200022-06	Soil	1/04/12 8:20	1/05/12 0:00
G141-0	1200022-07	Soil	1/04/12 8:50	1/05/12 0:00
G141-0.5	1200022-08	Soil	1/04/12 8:50	1/05/12 0:00
G141-1.5	1200022-09	Soil	1/04/12 8:50	1/05/12 0:00
G141-2.5	1200022-10	Soil	1/04/12 8:50	1/05/12 0:00
G141-3.5	1200022-11	Soil	1/04/12 8:50	1/05/12 0:00
G114-0	1200022-12	Soil	1/04/12 9:11	1/05/12 0:00
G114-.5	1200022-13	Soil	1/04/12 9:11	1/05/12 0:00
G114-1.5	1200022-14	Soil	1/04/12 9:11	1/05/12 0:00
G114-2.5	1200022-15	Soil	1/04/12 9:11	1/05/12 0:00
G114-3.5	1200022-16	Soil	1/04/12 9:11	1/05/12 0:00
G114-4.5	1200022-17	Soil	1/04/12 9:11	1/05/12 0:00
G328-0	1200022-18	Soil	1/04/12 10:07	1/05/12 0:00
G328-0.5	1200022-19	Soil	1/04/12 10:07	1/05/12 0:00
G328-1.5	1200022-20	Soil	1/04/12 10:07	1/05/12 0:00
G328-2.5	1200022-21	Soil	1/04/12 10:07	1/05/12 0:00
G328-3.5	1200022-22	Soil	1/04/12 10:07	1/05/12 0:00
G315-0	1200022-23	Soil	1/04/12 10:51	1/05/12 0:00
G315-0.5	1200022-24	Soil	1/04/12 10:51	1/05/12 0:00
G315-1.5	1200022-25	Soil	1/04/12 10:51	1/05/12 0:00
G315-2.5	1200022-26	Soil	1/04/12 10:51	1/05/12 0:00
G315-3.5	1200022-27	Soil	1/04/12 10:51	1/05/12 0:00
G315-4.5	1200022-28	Soil	1/04/12 10:51	1/05/12 0:00
G315-5.5	1200022-29	Soil	1/04/12 10:51	1/05/12 0:00
G315-6.5	1200022-30	Soil	1/04/12 10:51	1/05/12 0:00
G256-0	1200022-31	Soil	1/04/12 11:24	1/05/12 0:00
G256-.5	1200022-32	Soil	1/04/12 11:24	1/05/12 0:00
G256-1.5	1200022-33	Soil	1/04/12 11:24	1/05/12 0:00
G256-2.5	1200022-34	Soil	1/04/12 11:24	1/05/12 0:00

Geocon Consultants, Inc.	Project Number :	TO-16, E8560-06-16
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Livermore , CA 94550	Reported :	01/09/2012

G256-3.5	1200022-35	Soil	1/04/12 11:24	1/05/12 0:00
G249-0	1200022-36	Soil	1/04/12 12:04	1/05/12 0:00
G249-0.5	1200022-37	Soil	1/04/12 12:04	1/05/12 0:00
G249-1.5	1200022-38	Soil	1/04/12 12:04	1/05/12 0:00
G249-2.5	1200022-39	Soil	1/04/12 12:04	1/05/12 0:00
G249-3.5	1200022-40	Soil	1/04/12 12:04	1/05/12 0:00
G249-4.5	1200022-41	Soil	1/04/12 12:04	1/05/12 0:00
G249-5.5	1200022-42	Soil	1/04/12 12:04	1/05/12 0:00
G249-6.5	1200022-43	Soil	1/04/12 12:04	1/05/12 0:00
G188-0	1200022-44	Soil	1/04/12 12:41	1/05/12 0:00
G188-.5	1200022-45	Soil	1/04/12 12:41	1/05/12 0:00
G188-1.5	1200022-46	Soil	1/04/12 12:41	1/05/12 0:00
G188-2.5	1200022-47	Soil	1/04/12 12:41	1/05/12 0:00
G188-3.5	1200022-48	Soil	1/04/12 12:41	1/05/12 0:00
G188-4.5	1200022-49	Soil	1/04/12 12:41	1/05/12 0:00
G188-5.5	1200022-50	Soil	1/04/12 12:41	1/05/12 0:00
G188-6.5	1200022-51	Soil	1/04/12 12:41	1/05/12 0:00

Geocon Consultants, Inc.	Project Number : TO-16, E8560-06-16
6671 Brisa Street	Report To : Luann Beadle
Livermore , CA 94550	Reported : 01/09/2012

Lead by ICP-AES EPA 6010B

Analyte: Lead **Analyst: SB**

Laboratory ID	Client Sample ID	Result	Units	PQL	MDL	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1200022-01	G151-0	**120**	mg/kg	1.0	NA	1	B2A0162	01/05/2012	01/09/12 11:13	
1200022-02	G151-0.5	**77**	mg/kg	1.0	NA	1	B2A0162	01/05/2012	01/09/12 11:13	
1200022-03	G151-1.5	**8.3**	mg/kg	1.0	NA	1	B2A0162	01/05/2012	01/09/12 11:14	
1200022-04	G151-2.5	**4.6**	mg/kg	1.0	NA	1	B2A0162	01/05/2012	01/09/12 11:15	
1200022-05	G151-3.5	**6.3**	mg/kg	1.0	NA	1	B2A0162	01/05/2012	01/09/12 11:15	
1200022-06	G151-4.5	**9.3**	mg/kg	1.0	NA	1	B2A0162	01/05/2012	01/09/12 11:16	
1200022-07	G141-0	**52**	mg/kg	1.0	NA	1	B2A0162	01/05/2012	01/09/12 11:17	
1200022-08	G141-0.5	**12**	mg/kg	1.0	NA	1	B2A0162	01/05/2012	01/09/12 11:19	
1200022-09	G141-1.5	**9.2**	mg/kg	1.0	NA	1	B2A0162	01/05/2012	01/09/12 11:20	
1200022-10	G141-2.5	**7.9**	mg/kg	1.0	NA	1	B2A0162	01/05/2012	01/09/12 11:21	
1200022-11	G141-3.5	**5.6**	mg/kg	1.0	NA	1	B2A0162	01/05/2012	01/09/12 11:23	
1200022-12	G114-0	**15**	mg/kg	1.0	NA	1	B2A0162	01/05/2012	01/09/12 11:23	
1200022-13	G114-.5	**9.7**	mg/kg	1.0	NA	1	B2A0162	01/05/2012	01/09/12 11:24	
1200022-14	G114-1.5	**10**	mg/kg	1.0	NA	1	B2A0162	01/05/2012	01/09/12 11:27	
1200022-15	G114-2.5	**9.1**	mg/kg	1.0	NA	1	B2A0162	01/05/2012	01/09/12 11:27	
1200022-16	G114-3.5	**7.8**	mg/kg	1.0	NA	1	B2A0162	01/05/2012	01/09/12 11:28	
1200022-17	G114-4.5	**11**	mg/kg	1.0	NA	1	B2A0162	01/05/2012	01/09/12 11:29	
1200022-18	G328-0	**140**	mg/kg	1.0	NA	1	B2A0162	01/05/2012	01/09/12 11:29	
1200022-19	G328-0.5	**14**	mg/kg	1.0	NA	1	B2A0162	01/05/2012	01/09/12 11:30	
1200022-20	G328-1.5	**13**	mg/kg	1.0	NA	1	B2A0162	01/05/2012	01/09/12 11:31	
1200022-21	G328-2.5	**10**	mg/kg	1.0	NA	1	B2A0163	01/05/2012	01/09/12 11:38	
1200022-22	G328-3.5	**14**	mg/kg	1.0	NA	1	B2A0163	01/05/2012	01/09/12 11:39	
1200022-23	G315-0	**170**	mg/kg	1.0	NA	1	B2A0163	01/05/2012	01/09/12 11:39	
1200022-24	G315-0.5	**49**	mg/kg	1.0	NA	1	B2A0163	01/05/2012	01/09/12 11:40	
1200022-25	G315-1.5	**36**	mg/kg	1.0	NA	1	B2A0163	01/05/2012	01/09/12 11:41	
1200022-26	G315-2.5	**30**	mg/kg	1.0	NA	1	B2A0163	01/05/2012	01/09/12 11:41	
1200022-27	G315-3.5	**31**	mg/kg	1.0	NA	1	B2A0163	01/05/2012	01/09/12 11:42	
1200022-28	G315-4.5	**29**	mg/kg	1.0	NA	1	B2A0163	01/05/2012	01/09/12 11:45	
1200022-29	G315-5.5	**11**	mg/kg	1.0	NA	1	B2A0163	01/05/2012	01/09/12 11:45	
1200022-30	G315-6.5	**9.6**	mg/kg	1.0	NA	1	B2A0163	01/05/2012	01/09/12 11:46	

Geocon Consultants, Inc.	Project Number : TO-16, E8560-06-16
6671 Brisa Street	Report To : Luann Beadle
Livermore , CA 94550	Reported : 01/09/2012

1200022-31	G256-0	**34**	mg/kg	1.0	NA	1	B2A0163	01/05/2012	01/09/12 11:48
1200022-32	G256-.5	**15**	mg/kg	1.0	NA	1	B2A0163	01/05/2012	01/09/12 11:49
1200022-33	G256-1.5	**11**	mg/kg	1.0	NA	1	B2A0163	01/05/2012	01/09/12 11:49
1200022-34	G256-2.5	**15**	mg/kg	1.0	NA	1	B2A0163	01/05/2012	01/09/12 11:50
1200022-35	G256-3.5	**13**	mg/kg	1.0	NA	1	B2A0163	01/05/2012	01/09/12 11:51
1200022-36	G249-0	**100**	mg/kg	1.0	NA	1	B2A0163	01/05/2012	01/09/12 11:53
1200022-37	G249-0.5	**17**	mg/kg	1.0	NA	1	B2A0163	01/05/2012	01/09/12 11:54
1200022-38	G249-1.5	**14**	mg/kg	1.0	NA	1	B2A0163	01/05/2012	01/09/12 11:55
1200022-39	G249-2.5	**15**	mg/kg	1.0	NA	1	B2A0163	01/05/2012	01/09/12 11:55
1200022-40	G249-3.5	**9.8**	mg/kg	1.0	NA	1	B2A0163	01/05/2012	01/09/12 11:56
1200022-41	G249-4.5	**8.8**	mg/kg	1.0	NA	1	B2A0164	01/05/2012	01/09/12 12:41
1200022-42	G249-5.5	**9.8**	mg/kg	1.0	NA	1	B2A0164	01/05/2012	01/09/12 12:42
1200022-43	G249-6.5	**8.8**	mg/kg	1.0	NA	1	B2A0164	01/05/2012	01/09/12 12:42
1200022-44	G188-0	**53**	mg/kg	1.0	NA	1	B2A0164	01/05/2012	01/09/12 12:43
1200022-45	G188-.5	**15**	mg/kg	1.0	NA	1	B2A0164	01/05/2012	01/09/12 12:44
1200022-46	G188-1.5	**14**	mg/kg	1.0	NA	1	B2A0164	01/05/2012	01/09/12 12:44
1200022-47	G188-2.5	**15**	mg/kg	1.0	NA	1	B2A0164	01/05/2012	01/09/12 12:45
1200022-48	G188-3.5	**8.6**	mg/kg	1.0	NA	1	B2A0164	01/05/2012	01/09/12 12:48
1200022-49	G188-4.5	**6.5**	mg/kg	1.0	NA	1	B2A0164	01/05/2012	01/09/12 12:48
1200022-50	G188-5.5	**5.4**	mg/kg	1.0	NA	1	B2A0164	01/05/2012	01/09/12 12:49
1200022-51	G188-6.5	**6.4**	mg/kg	1.0	NA	1	B2A0164	01/05/2012	01/09/12 12:51

pH by EPA 9045C

Analyte: pH **Analyst: LA**

Laboratory ID	Client Sample ID	Result	Units	PQL	MDL	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1200022-10	G141-2.5	**7.3**	pH Units	0.10	NA	1	B2A0241	01/09/2012	01/09/12 13:49	
1200022-20	G328-1.5	**7.1**	pH Units	0.10	NA	1	B2A0241	01/09/2012	01/09/12 13:49	
1200022-30	G315-6.5	**6.6**	pH Units	0.10	NA	1	B2A0241	01/09/2012	01/09/12 13:49	
1200022-40	G249-3.5	**7.6**	pH Units	0.10	NA	1	B2A0241	01/09/2012	01/09/12 13:49	
1200022-50	G188-5.5	**7.7**	pH Units	0.10	NA	1	B2A0241	01/09/2012	01/09/12 13:49	
1200022-51	G188-6.5	**7.6**	pH Units	0.10	NA	1	B2A0241	01/09/2012	01/09/12 13:49	

Geocon Consultants, Inc.	Project Number : TO-16, E8560-06-16
6671 Brisa Street	Report To : Luann Beadle
Livermore , CA 94550	Reported : 01/09/2012

QUALITY CONTROL SECTION

Lead by ICP-AES EPA 6010B - Quality Control

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0162 - EPA 3050 Modified									
Blank (B2A0162-BLK1)					Prepared: 1/5/2012 Analyzed: 1/9/2012				
Lead	ND	1.0			NR				
Blank (B2A0162-BLK2)					Prepared: 1/5/2012 Analyzed: 1/9/2012				
Lead	ND	1.0			NR				
LCS (B2A0162-BS1)					Prepared: 1/5/2012 Analyzed: 1/9/2012				
Lead	280	1.0	250		112	80 - 120			
Duplicate (B2A0162-DUP1)		**Source: 1200022-20**			Prepared: 1/5/2012 Analyzed: 1/9/2012				
Lead	9.6	1.0		13	NR		33.4	20	R
Duplicate (B2A0162-DUP2)		**Source: 1200022-10**			Prepared: 1/5/2012 Analyzed: 1/9/2012				
Lead	14	1.0		7.9	NR		55.6	20	R
Matrix Spike (B2A0162-MS1)		**Source: 1200022-20**			Prepared: 1/5/2012 Analyzed: 1/9/2012				
Lead	240	1.0	250	13	90.6	46 - 116			
Matrix Spike (B2A0162-MS2)		**Source: 1200022-10**			Prepared: 1/5/2012 Analyzed: 1/9/2012				
Lead	220	1.0	250	7.9	86.8	46 - 116			
Matrix Spike Dup (B2A0162-MSD1)		**Source: 1200022-20**			Prepared: 1/5/2012 Analyzed: 1/9/2012				
Lead	240	1.0	250	13	91.3	46 - 116	0.654	20	
Batch B2A0163 - EPA 3050 Modified									
Blank (B2A0163-BLK1)					Prepared: 1/5/2012 Analyzed: 1/9/2012				
Lead	ND	1.0			NR				
Blank (B2A0163-BLK2)					Prepared: 1/5/2012 Analyzed: 1/9/2012				
Lead	ND	1.0			NR				
LCS (B2A0163-BS1)					Prepared: 1/5/2012 Analyzed: 1/9/2012				
Lead	260	1.0	250		105	80 - 120			
Duplicate (B2A0163-DUP1)		**Source: 1200022-40**			Prepared: 1/5/2012 Analyzed: 1/9/2012				
Lead	9.9	1.0		9.8	NR		1.06	20	
Duplicate (B2A0163-DUP2)		**Source: 1200022-30**			Prepared: 1/5/2012 Analyzed: 1/9/2012				
Lead	12	1.0		9.6	NR		23.1	20	R
Matrix Spike (B2A0163-MS1)		**Source: 1200022-40**			Prepared: 1/5/2012 Analyzed: 1/9/2012				
Lead	220	1.0	250	9.8	86.0	46 - 116			
Matrix Spike (B2A0163-MS2)		**Source: 1200022-30**			Prepared: 1/5/2012 Analyzed: 1/9/2012				
Lead	220	1.0	250	9.6	84.8	46 - 116			

Geocon Consultants, Inc.	Project Number : TO-16, E8560-06-16
6671 Brisa Street	Report To : Luann Beadle
Livermore , CA 94550	Reported : 01/09/2012

Lead by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0163 - EPA 3050 Modified (continued)									
Matrix Spike Dup (B2A0163-MSD1)		**Source: 1200022-40**			Prepared: 1/5/2012 Analyzed: 1/9/2012				
Lead	220	1.0	250	9.8	82.8	46 - 116	3.63	20	
Batch B2A0164 - EPA 3050 Modified									
Blank (B2A0164-BLK1)					Prepared: 1/5/2012 Analyzed: 1/9/2012				
Lead	ND	1.0			NR				
Blank (B2A0164-BLK2)					Prepared: 1/5/2012 Analyzed: 1/9/2012				
Lead	ND	1.0			NR				
LCS (B2A0164-BS1)					Prepared: 1/5/2012 Analyzed: 1/9/2012				
Lead	240	1.0	250		97.8	80 - 120			
Duplicate (B2A0164-DUP1)		**Source: 1200023-09**			Prepared: 1/5/2012 Analyzed: 1/9/2012				
Lead	69	1.0		69	NR		0.484	20	
Duplicate (B2A0164-DUP2)		**Source: 1200022-50**			Prepared: 1/5/2012 Analyzed: 1/9/2012				
Lead	6.3	1.0		5.4	NR		15.2	20	
Matrix Spike (B2A0164-MS1)		**Source: 1200023-09**			Prepared: 1/5/2012 Analyzed: 1/9/2012				
Lead	300	1.0	250	69	93.9	46 - 116			
Matrix Spike (B2A0164-MS2)		**Source: 1200022-50**			Prepared: 1/5/2012 Analyzed: 1/9/2012				
Lead	230	1.0	250	5.4	91.0	46 - 116			
Matrix Spike Dup (B2A0164-MSD1)		**Source: 1200023-09**			Prepared: 1/5/2012 Analyzed: 1/9/2012				
Lead	290	1.0	250	69	87.2	46 - 116	5.71	20	
Batch S2A0080 - B2A0064									
Instrument Blank (S2A0080-IBL1)					Prepared: 1/9/2012 Analyzed: 1/9/2012				
Lead	ND	1.0			NR				

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/09/2012

pH by EPA 9045C - Quality Control

Analyte	Result (pH Units)	PQL (pH Units)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0241 - Prep_WC_1_S									
Duplicate (B2A0241-DUP1)		**Source: 1200023-40**			Prepared: 1/9/2012 Analyzed: 1/9/2012				
pH	7.3	0.10		7.3	NR		0.7	20	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/09/2012

Notes and Definitions

R	RPD value outside acceptance criteria. Calculation is based on raw values.
ND	Analyte not detected at or above reporting limit
PQL	Practical Quantitation Limit
MDL	Method Detection Limit
NR	Not Reported
RPD	Relative Percent Difference

CHAIN OF CUSTODY RECORD

Advanced Technology Laboratories
3275 Walnut Avenue
Signal Hill, CA 90755
(562) 989-4045 • Fax (562) 989-4040

FOR LABORATORY USE ONLY:

P.O.#:

Logged By: Date: 1/5/12

Method of Transport: Client ☐ ATL ☐ CA OverN ☐ FEDEX ☐ Other: 950

Sample Condition Upon Receipt: 6.0 ice
1. CHILLED Y☑ N☐ 4. SEALED Y☐ N☐
2. HEADSPACE (VOA) Y☐ N☐ 5. # OF SPLS MATCH COC Y☐ N☐
3. CONTAINER INTACT Y☐ N☐ 6. PRESERVED Y☐ N☐

Client: GEOCON CONSULTANTS, INC.
Attn: L. BEADLE
Address: 6671 Brisa Street
City: Livemore State: CA Zip Code: 94550
TEL: (925) 371-5900
FAX: (925) 371-5915

Project Name: TO-16 Project #: E8560-06-16 Sampler: (Printed Name) D. WATTS (Signature) WATTS

Relinquished by: (Signature and Printed Name)	Date:	Time:	Received by: (Signature and Printed Name)	Date:	Time:
WATTS	1/4/12	1600	GSO	1/4/12	1600
			Mayo	1/5/12	809

I hereby authorize ATL to perform the work indicated below:
Project Mgr / Submitter
D. WATTS 1/4/2012
Print Name Date
WATTS
Signature

Send Report To:
Attn:
Co: SAME AS ABOVE
Address
City State Zip

Bill To:
Attn:
Co: SAME AS ABOVE
Address
City State Zip

Special Instructions/Comments:
10% OF ALL SAMPLES TO BE ANALYZED FOR pH (LAB-RANDOM)
DO NOT COMPOSITE SAMPLE SETS

Sample/Records - Archival & Disposal
Unless otherwise requested by client, all samples will be disposed 45 days after receipt and records will be disposed 1 year after submittal of final report.
Storage Fees (applies when storage is requested):
- Sample : $2.00 / sample / mo (after 45 days)
- Records : $1.00 / ATL workorder / mo (after 1 year)

Circle or Add Analysis(es) Requested: 8081A (Pesticides), 8082 (PCB), 8260B (Volatiles), 8270C (BNA), 6010B (Total Metal) - Pb, 8015B (GRO) / BTEX, 8015B (DRO), 8021 (BTEX), TITLE 22 / CAM 17 (6010 / 7000)

SPECIFY APPROPRIATE MATRIX: SOIL, WATER, GROUND WATER, WASTEWATER

QA/QC: RTNE ☐ CT ☒ SWRCB ☐ Logcode ____ OTHER ____

ITEM	LAB USE ONLY: Batch #: / Lab No.	Sample Description: Sample I.D. / Location	Date	Time	8081A	8082	8260B	8270C	6010B	8015B (GRO) / BTEX	8015B (DRO)	8021 (BTEX)	TITLE 22 / CAM 17	SOIL	WATER	GROUND WATER	WASTEWATER	TAT	Container(s) #	Type	PRESERVATION	REMARKS
	1200022-01/06	G151-0,0.5,1.5,2.5,3.5,4.5	1/4/12	0820					X					X				48 hr	6	Bag	P	REF 5'
	07/11	G141-0,0.5,1.5,2.5,3.5		0850															5			REF 4'
	12/17	G114-0,.5,1.5,2.5,3.5,4.5		0911															6			REF 5'
	18/22	G328-0,0.5,1.5,2.5,3.5		1007															5			REF 4'
	23/30	G315-0,0.5,1.5,2.5,3.5,4.5,5.5,6.5		1051															8			
	31/35	G256,0,.5,1.5,2.5,3.5		1124															5			REF 4'
	36/43	G249-0,0.5,1.5,2.5,3.5,4.5,5.5,6.5		1204															8			
	44/51	G188-0,.5,1.5,2.5,3.5,4.5,5.5,6.5		1241															8			

• TAT starts 8 a.m. following day if samples received after 3 p.m.

TAT: A= Overnight ≤ 24 hr B= Emergency Next workday C= Critical 2 Workdays D= Urgent 3 Workdays E= Routine 7 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=Hcl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

DISTRIBUTION: White with report Yellow to folder Pink to submitter

ADVANCED TECHNOLOGY LABORATORIES

January 12, 2012

ELAP No.: 1838
NELAP No.: 02107CA
CSDLAC No.: 10196
ORELAP No.: CA300003

Luann Beadle
Geocon Consultants, Inc.
6671 Brisa Street
Livermore, CA 94550
Tel: (925) 371-5900
Fax:(925) 371-5915

Re: ATL Work Order Number : 1200022
Client Reference : TO-16, E8560-06-16

Enclosed are the results for sample(s) received on January 05, 2012 by Advanced Technology Laboratories. The sample(s) are tested for the parameters as indicated on the enclosed chain of custody in accordance with applicable laboratory certifications. The laboratory results contained in this report specifically pertains to the sample(s) submitted.

Thank you for the opportunity to serve the needs of your company. If you have any questions, please feel free to contact me or your Project Manager.

Sincerely,

Eddie Rodriguez
Laboratory Director

The cover letter and the case narrative are an integral part of this analytical report and its absence renders the report invalid. The report cannot be reproduced without written permission from the client and Advanced Technology Laboratories.

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/12/2012

SUMMARY OF SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
G151-0	1200022-01	Soil	1/04/12 8:20	1/05/12 0:00
G151-0.5	1200022-02	Soil	1/04/12 8:20	1/05/12 0:00
G141-0	1200022-07	Soil	1/04/12 8:50	1/05/12 0:00
G328-0	1200022-18	Soil	1/04/12 10:07	1/05/12 0:00
G315-0	1200022-23	Soil	1/04/12 10:51	1/05/12 0:00
G249-0	1200022-36	Soil	1/04/12 12:04	1/05/12 0:00
G188-0	1200022-44	Soil	1/04/12 12:41	1/05/12 0:00

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/12/2012

STLC Lead by AA (Direct Aspiration) by EPA 7420

Analyte: Lead **Analyst: VV**

Laboratory ID	Client Sample ID	Result	Units	PQL	MDL	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1200022-01	G151-0	**4.4**	mg/L	0.50	NA	1	B2A0267	01/10/2012	01/12/12 13:36	
1200022-02	G151-0.5	**3.2**	mg/L	0.50	NA	1	B2A0267	01/10/2012	01/12/12 13:37	
1200022-07	G141-0	**2.3**	mg/L	0.50	NA	1	B2A0267	01/10/2012	01/12/12 13:37	
1200022-18	G328-0	**6.5**	mg/L	0.50	NA	1	B2A0267	01/10/2012	01/12/12 13:37	
1200022-23	G315-0	**7.6**	mg/L	0.50	NA	1	B2A0267	01/10/2012	01/12/12 13:38	
1200022-36	G249-0	**4.2**	mg/L	0.50	NA	1	B2A0267	01/10/2012	01/12/12 13:38	
1200022-44	G188-0	**2.2**	mg/L	0.50	NA	1	B2A0267	01/10/2012	01/12/12 13:39	

Geocon Consultants, Inc.	Project Number : TO-16, E8560-06-16
6671 Brisa Street	Report To : Luann Beadle
Livermore , CA 94550	Reported : 01/12/2012

QUALITY CONTROL SECTION

STLC Lead by AA (Direct Aspiration) by EPA 7420 - Quality Control

Analyte	Result (mg/L)	PQL (mg/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0267 - STLC Extraction									
Blank (B2A0267-BLK1)					Prepared: 1/10/2012 Analyzed: 1/12/2012				
Lead	ND	0.50			NR				
LCS (B2A0267-BS1)					Prepared: 1/10/2012 Analyzed: 1/12/2012				
Lead	5.1	0.05	5.00		103	80 - 120			
Duplicate (B2A0267-DUP1)		**Source: 1200036-03**			Prepared: 1/10/2012 Analyzed: 1/12/2012				
Lead	3.5	0.50		3.4	NR		3.10	20	
Matrix Spike (B2A0267-MS1)		**Source: 1200036-03**			Prepared: 1/10/2012 Analyzed: 1/12/2012				
Lead	8.5	0.05	5.00	3.4	102	80 - 120			
Matrix Spike Dup (B2A0267-MSD1)		**Source: 1200036-03**			Prepared: 1/10/2012 Analyzed: 1/12/2012				
Lead	8.6	0.05	5.00	3.4	105	80 - 120	1.37	20	
Batch S2A0134 - B2A0284									
Instrument Blank (S2A0134-IBL1)					Prepared: 1/12/2012 Analyzed: 1/12/2012				
Lead	ND	0.50			NR				

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/12/2012

Notes and Definitions

ND	Analyte not detected at or above reporting limit
PQL	Practical Quantitation Limit
MDL	Method Detection Limit
NR	Not Reported
RPD	Relative Percent Difference

Diane Galvan

From: Luann Beadle [beadle@geoconinc.com]
Sent: Monday, January 09, 2012 3:55 PM
To: Diane Galvan
Subject: FW: TO-16 Lab Results 1200022 - Run Soluble Metals
Attachments: pic00692.jpg

Hi Diane,
Per Caltrans on expedited TAT please:

-----Original Message-----
From: Rowena Hollis [mailto:rowena_hollis@dot.ca.gov]
Sent: Monday, January 09, 2012 4:01 PM
To: Luann Beadle
Cc: Chris Wilson; day@geoconinc.com; watts@geoconinc.com
Subject: TO-16 Lab Results 1200022 - Run Soluble Metals

Hi Luann,

Please run soluble metals for the following:

File 1200022.xls
WET:

Sample Name	Lab Sample ID	Analyte
G141-0	1200022-07	Lead
G188-0	1200022-44	Lead
G151-0.5	1200022-02	Lead
G249-0	1200022-36	Lead
G151-0	1200022-01	Lead
G328-0	1200022-18	Lead
G315-0	1200022-23	Lead

Thanks,

Rowena Hollis
Transportation Engineer

Office of Environmental Engineering
111 Grand Avenue, MS 8C
Oakland, CA 94612
(510) 286-5540

Luann Beadle
<beadle@geoconinc
.com>

To
<rowena.hollis@dot.ca.gov>

01/09/2012 03:40
PM

cc

Subject
TO-16 Lab Order 1200022

Hi Rowena,
Another lab order has come in (see attached).
Luann

(Embedded image moved to file: pic00692.jpg)Luann Beadle | Senior Staff Scientist Geocon Consultants, Inc.
6671 Brisa Street, Livermore, California 94550
Tel 925.371.5900 Fax 925.371.5915
www.geoconinc.com
[attachment "image001.jpg" deleted by Rowena Hollis/D04/Caltrans/CAGov] [attachment "1200022.xls" deleted by Rowena Hollis/D04/Caltrans/CAGov]

ADVANCED TECHNOLOGY LABORATORIES

January 18, 2012

ELAP No.: 1838
NELAP No.: 02107CA
CSDLAC No.: 10196
ORELAP No.: CA300003

Luann Beadle
Geocon Consultants, Inc.
6671 Brisa Street
Livermore, CA 94550
Tel: (925) 371-5900
Fax:(925) 371-5915

Re: ATL Work Order Number : 1200022
Client Reference : TO-16, E8560-06-16

Enclosed are the results for sample(s) received on January 05, 2012 by Advanced Technology Laboratories. The sample(s) are tested for the parameters as indicated on the enclosed chain of custody in accordance with applicable laboratory certifications. The laboratory results contained in this report specifically pertains to the sample(s) submitted.

Thank you for the opportunity to serve the needs of your company. If you have any questions, please feel free to contact me or your Project Manager.

Sincerely,

Eddie Rodriguez
Laboratory Director

The cover letter and the case narrative are an integral part of this analytical report and its absence renders the report invalid. The report cannot be reproduced without written permission from the client and Advanced Technology Laboratories.

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/18/2012

SUMMARY OF SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
G328-0	1200022-18	Soil	1/04/12 10:07	1/05/12 0:00
G315-0	1200022-23	Soil	1/04/12 10:51	1/05/12 0:00

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/18/2012

STLC-DI Lead by AA (Direct Aspiration) EPA 7420

Analyte: Lead **Analyst: VV**

Laboratory ID	Client Sample ID	Result	Units	PQL	MDL	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1200022-18	G328-0	**ND**	mg/L	0.50	NA	1	B2A0397	01/16/2012	01/18/12 12:41	
1200022-23	G315-0	**ND**	mg/L	0.50	NA	1	B2A0397	01/16/2012	01/18/12 12:42	

Geocon Consultants, Inc.	Project Number : TO-16, E8560-06-16
6671 Brisa Street	Report To : Luann Beadle
Livermore , CA 94550	Reported : 01/18/2012

QUALITY CONTROL SECTION

STLC-DI Lead by AA (Direct Aspiration) EPA 7420 - Quality Control

Analyte	Result (mg/L)	PQL (mg/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0397 - STLC DI Extraction									
Blank (B2A0397-BLK1)					Prepared: 1/16/2012 Analyzed: 1/18/2012				
Lead	ND	0.50			NR				
LCS (B2A0397-BS1)					Prepared: 1/16/2012 Analyzed: 1/18/2012				
Lead	4.9	0.05	5.00		98.4	80 - 120			
Duplicate (B2A0397-DUP1)		**Source: 1200022-23**			Prepared: 1/16/2012 Analyzed: 1/18/2012				
Lead	ND	0.50		ND	NR			20	
Matrix Spike (B2A0397-MS1)		**Source: 1200022-23**			Prepared: 1/16/2012 Analyzed: 1/18/2012				
Lead	5.1	0.05	5.00	ND	101	80 - 120			
Matrix Spike Dup (B2A0397-MSD1)		**Source: 1200022-23**			Prepared: 1/16/2012 Analyzed: 1/18/2012				
Lead	5.0	0.05	5.00	ND	100	80 - 120	1.13	20	
Batch S2A0199 - B2A0454									
Instrument Blank (S2A0199-IBL1)					Prepared: 1/18/2012 Analyzed: 1/18/2012				
Lead	ND	0.50			NR				

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/18/2012

Notes and Definitions

ND	Analyte not detected at or above reporting limit
PQL	Practical Quantitation Limit
MDL	Method Detection Limit
NR	Not Reported
RPD	Relative Percent Difference

Diane Galvan

From: Luann Beadle [beadle@geoconinc.com]
Sent: Friday, January 13, 2012 10:28 AM
To: Diane Galvan
Subject: TO-16 (Lab Order 1200022)

Hello Diane,
Per Caltrans, please run the following on an expedited TAT.
Thank you,
Luann

Run DI-WET for the following:

Sample Name	Lab Sample ID	Analyte
G328-0	1200022-18	Lead
G315-0	1200022-23	Lead

ADVANCED TECHNOLOGY LABORATORIES

January 09, 2012

ELAP No.: 1838
NELAP No.: 02107CA
CSDLAC No.: 10196
ORELAP No.: CA300003

Luann Beadle
Geocon Consultants, Inc.
6671 Brisa Street
Livermore, CA 94550
Tel: (925) 371-5900
Fax:(925) 371-5915

Re: ATL Work Order Number : 1200023
Client Reference : TO-16, E8560-06-16

Enclosed are the results for sample(s) received on January 05, 2012 by Advanced Technology Laboratories. The sample(s) are tested for the parameters as indicated on the enclosed chain of custody in accordance with applicable laboratory certifications. The laboratory results contained in this report specifically pertains to the sample(s) submitted.

Thank you for the opportunity to serve the needs of your company. If you have any questions, please feel free to contact me or your Project Manager.

Sincerely,

Eddie Rodriguez
Laboratory Director

The cover letter and the case narrative are an integral part of this analytical report and its absence renders the report invalid. The report cannot be reproduced without written permission from the client and Advanced Technology Laboratories.

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www.atlglobal.com

Geocon Consultants, Inc.	Project Number : TO-16, E8560-06-16
6671 Brisa Street	Report To : Luann Beadle
Livermore , CA 94550	Reported : 01/09/2012

SUMMARY OF SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
G134-0	1200023-01	Soil	1/04/12 8:45	1/05/12 8:09
G134-0.5	1200023-02	Soil	1/04/12 8:46	1/05/12 8:09
G134-1.5	1200023-03	Soil	1/04/12 8:47	1/05/12 8:09
G134-2.5	1200023-04	Soil	1/04/12 8:48	1/05/12 8:09
G134-3.5	1200023-05	Soil	1/04/12 8:50	1/05/12 8:09
G134-4.5	1200023-06	Soil	1/04/12 8:51	1/05/12 8:09
G134-5.5	1200023-07	Soil	1/04/12 8:52	1/05/12 8:09
G134-6.5	1200023-08	Soil	1/04/12 8:55	1/05/12 8:09
G121-0	1200023-09	Soil	1/04/12 9:30	1/05/12 8:09
G121-0.5	1200023-10	Soil	1/04/12 9:31	1/05/12 8:09
G121-1.5	1200023-11	Soil	1/04/12 9:32	1/05/12 8:09
G67-0	1200023-12	Soil	1/04/12 10:15	1/05/12 8:09
G67-0.5	1200023-13	Soil	1/04/12 10:16	1/05/12 8:09
G67-1.5	1200023-14	Soil	1/04/12 10:17	1/05/12 8:09
G67-2.5	1200023-15	Soil	1/04/12 10:18	1/05/12 8:09
G67-3.5	1200023-16	Soil	1/04/12 10:25	1/05/12 8:09
G67-4.5	1200023-17	Soil	1/04/12 10:26	1/05/12 8:09
G67-5.5	1200023-18	Soil	1/04/12 10:27	1/05/12 8:09
G152-0	1200023-19	Soil	1/04/12 10:45	1/05/12 8:09
G152-0.5	1200023-20	Soil	1/04/12 10:46	1/05/12 8:09
G152-1.5	1200023-21	Soil	1/04/12 10:47	1/05/12 8:09
G152-2.5	1200023-22	Soil	1/04/12 10:48	1/05/12 8:09
G152-3.5	1200023-23	Soil	1/04/12 10:49	1/05/12 8:09
G152-4.5	1200023-24	Soil	1/04/12 10:52	1/05/12 8:09
G152-5.5	1200023-25	Soil	1/04/12 10:53	1/05/12 8:09
G152-6.5	1200023-26	Soil	1/04/12 10:54	1/05/12 8:09
G159-0	1200023-27	Soil	1/04/12 11:10	1/05/12 8:09
G159-0.5	1200023-28	Soil	1/04/12 11:11	1/05/12 8:09
G159-1.5	1200023-29	Soil	1/04/12 11:12	1/05/12 8:09
G159-2.5	1200023-30	Soil	1/04/12 11:13	1/05/12 8:09
G159-3.5	1200023-31	Soil	1/04/12 11:14	1/05/12 8:09
G159-4.5	1200023-32	Soil	1/04/12 11:17	1/05/12 8:09
G159-5.5	1200023-33	Soil	1/04/12 11:18	1/05/12 8:09
G159-6.5	1200023-34	Soil	1/04/12 11:19	1/05/12 8:09

Geocon Consultants, Inc.	Project Number :	TO-16, E8560-06-16
6671 Brisa Street	Report To :	Luann Beadle
Livermore , CA 94550	Reported :	01/09/2012

G159 11.5 Interface	1200023-35	Soil	1/04/12 11:40	1/05/12 8:09
G159-GW	1200023-36	Groundwater	1/04/12 12:00	1/05/12 8:09
G166-0	1200023-37	Soil	1/04/12 12:35	1/05/12 8:09
G166-0.5	1200023-38	Soil	1/04/12 12:36	1/05/12 8:09
G166-1.5	1200023-39	Soil	1/04/12 12:37	1/05/12 8:09
G166-2.5	1200023-40	Soil	1/04/12 12:38	1/05/12 8:09
G166-3.5	1200023-41	Soil	1/04/12 12:42	1/05/12 8:09
G166-4.5	1200023-42	Soil	1/04/12 12:43	1/05/12 8:09
G166-5.5	1200023-43	Soil	1/04/12 12:44	1/05/12 8:09
G166-6.5	1200023-44	Soil	1/04/12 12:45	1/05/12 8:09
G67-6.5	1200023-45	Soil	1/04/12 0:00	1/05/12 8:09

Geocon Consultants, Inc.	Project Number : TO-16, E8560-06-16
6671 Brisa Street	Report To : Luann Beadle
Livermore , CA 94550	Reported : 01/09/2012

Lead by ICP-AES EPA 6010B

Analyte: Lead **Analyst: SB**

Laboratory ID	Client Sample ID	Result	Units	PQL	MDL	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1200023-01	G134-0	**64**	mg/kg	1.0	NA	1	B2A0164	01/05/2012	01/09/12 12:52	
1200023-02	G134-0.5	**65**	mg/kg	1.0	NA	1	B2A0164	01/05/2012	01/09/12 12:52	
1200023-03	G134-1.5	**84**	mg/kg	1.0	NA	1	B2A0164	01/05/2012	01/09/12 12:53	
1200023-04	G134-2.5	**ND**	mg/kg	1.0	NA	1	B2A0164	01/05/2012	01/09/12 12:54	
1200023-05	G134-3.5	**27**	mg/kg	1.0	NA	1	B2A0164	01/05/2012	01/09/12 12:56	
1200023-06	G134-4.5	**12**	mg/kg	1.0	NA	1	B2A0164	01/05/2012	01/09/12 12:57	
1200023-07	G134-5.5	**10**	mg/kg	1.0	NA	1	B2A0164	01/05/2012	01/09/12 12:57	
1200023-08	G134-6.5	**9.5**	mg/kg	1.0	NA	1	B2A0164	01/05/2012	01/09/12 12:58	
1200023-09	G121-0	**69**	mg/kg	1.0	NA	1	B2A0164	01/05/2012	01/09/12 12:59	
1200023-10	G121-0.5	**55**	mg/kg	1.0	NA	1	B2A0165	01/05/2012	01/09/12 13:06	
1200023-11	G121-1.5	**7.3**	mg/kg	1.0	NA	1	B2A0165	01/05/2012	01/09/12 13:07	
1200023-12	G67-0	**34**	mg/kg	1.0	NA	1	B2A0165	01/05/2012	01/09/12 13:08	
1200023-13	G67-0.5	**1.4**	mg/kg	1.0	NA	1	B2A0165	01/05/2012	01/09/12 13:08	
1200023-14	G67-1.5	**9.0**	mg/kg	1.0	NA	1	B2A0165	01/05/2012	01/09/12 13:09	
1200023-15	G67-2.5	**13**	mg/kg	1.0	NA	1	B2A0165	01/05/2012	01/09/12 13:10	
1200023-16	G67-3.5	**9.7**	mg/kg	1.0	NA	1	B2A0165	01/05/2012	01/09/12 13:10	
1200023-17	G67-4.5	**8.6**	mg/kg	1.0	NA	1	B2A0165	01/05/2012	01/09/12 13:11	
1200023-18	G67-5.5	**9.6**	mg/kg	1.0	NA	1	B2A0165	01/05/2012	01/09/12 13:12	
1200023-19	G152-0	**140**	mg/kg	1.0	NA	1	B2A0165	01/05/2012	01/09/12 13:14	
1200023-20	G152-0.5	**55**	mg/kg	1.0	NA	1	B2A0165	01/05/2012	01/09/12 13:17	
1200023-21	G152-1.5	**30**	mg/kg	1.0	NA	1	B2A0165	01/05/2012	01/09/12 13:18	
1200023-22	G152-2.5	**8.5**	mg/kg	1.0	NA	1	B2A0165	01/05/2012	01/09/12 13:18	
1200023-23	G152-3.5	**7.7**	mg/kg	1.0	NA	1	B2A0165	01/05/2012	01/09/12 13:19	
1200023-24	G152-4.5	**6.0**	mg/kg	1.0	NA	1	B2A0165	01/05/2012	01/09/12 13:20	
1200023-25	G152-5.5	**4.6**	mg/kg	1.0	NA	1	B2A0165	01/05/2012	01/09/12 13:20	
1200023-26	G152-6.5	**5.1**	mg/kg	1.0	NA	1	B2A0165	01/05/2012	01/09/12 13:21	
1200023-27	G159-0	**84**	mg/kg	1.0	NA	1	B2A0165	01/05/2012	01/09/12 13:23	
1200023-28	G159-0.5	**380**	mg/kg	1.0	NA	1	B2A0165	01/05/2012	01/09/12 13:24	
1200023-29	G159-1.5	**10**	mg/kg	1.0	NA	1	B2A0165	01/05/2012	01/09/12 13:25	
1200023-30	G159-2.5	**9.6**	mg/kg	1.0	NA	1	B2A0166	01/05/2012	01/09/12 13:30	

Geocon Consultants, Inc.	Project Number : TO-16, E8560-06-16
6671 Brisa Street	Report To : Luann Beadle
Livermore , CA 94550	Reported : 01/09/2012

1200023-31	G159-3.5	**5.9**	mg/kg	1.0	NA	1	B2A0166	01/05/2012	01/09/12 13:33
1200023-32	G159-4.5	**7.5**	mg/kg	1.0	NA	1	B2A0166	01/05/2012	01/09/12 13:34
1200023-33	G159-5.5	**7.2**	mg/kg	1.0	NA	1	B2A0166	01/05/2012	01/09/12 13:34
1200023-34	G159-6.5	**16**	mg/kg	1.0	NA	1	B2A0166	01/05/2012	01/09/12 13:35
1200023-35	G159 11.5 Interface	**6.8**	mg/kg	1.0	NA	1	B2A0166	01/05/2012	01/09/12 13:36
1200023-36	G159-GW	**0.82**	mg/L	0.02	NA	1	B2A0227	01/09/2012	01/09/12 13:35
1200023-37	G166-0	**32**	mg/kg	1.0	NA	1	B2A0166	01/05/2012	01/09/12 13:36
1200023-38	G166-0.5	**15**	mg/kg	1.0	NA	1	B2A0166	01/05/2012	01/09/12 13:37
1200023-39	G166-1.5	**8.2**	mg/kg	1.0	NA	1	B2A0166	01/05/2012	01/09/12 13:38
1200023-40	G166-2.5	**8.5**	mg/kg	1.0	NA	1	B2A0166	01/05/2012	01/09/12 13:42
1200023-41	G166-3.5	**6.8**	mg/kg	1.0	NA	1	B2A0166	01/05/2012	01/09/12 13:42
1200023-42	G166-4.5	**6.5**	mg/kg	1.0	NA	1	B2A0166	01/05/2012	01/09/12 13:43
1200023-43	G166-5.5	**5.2**	mg/kg	1.0	NA	1	B2A0166	01/05/2012	01/09/12 13:44
1200023-44	G166-6.5	**7.5**	mg/kg	1.0	NA	1	B2A0166	01/05/2012	01/09/12 13:44
1200023-45	G67-6.5	**7.0**	mg/kg	1.0	NA	1	B2A0166	01/05/2012	01/09/12 13:45

Client Sample ID G159-GW
Lab ID: 1200023-36

Gasoline Range Organics by EPA 8015B **Analyst: RP**

Analyte	Result (mg/L)	PQL (mg/L)	MDL (mg/L)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Gasoline Range Organics	**0.06**	0.05	NA	1	B2A0214	01/06/2012	01/06/12 18:05	
Surrogate: 4-Bromofluorobenzene	*92.3 %*	*70 - 130*			B2A0214	01/06/2012	*01/06/12 18:05*	

Client Sample ID G159 11.5 Interface
Lab ID: 1200023-35

Gasoline Range Organics by EPA 8015B **Analyst: TP**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Gasoline Range Organics	ND	1.0	NA	1	B2A0124	01/05/2012	01/05/12 11:26	
Surrogate: 4-Bromofluorobenzene	*111 %*	*69 - 158*			B2A0124	01/05/2012	*01/05/12 11:26*	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/20/2012

Client Sample ID G159 11.5 Interface

Lab ID: 1200023-35

Diesel Range Organics by EPA 8015B **Analyst: CR**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
DRO	ND	1.0	NA	1	B2A0168	01/05/2012	01/05/12 16:34	
ORO	ND	1.0	NA	1	B2A0168	01/05/2012	01/05/12 16:34	
Surrogate: p-Terphenyl	*71.1 %*	*39 - 123*			B2A0168	01/05/2012	*01/05/12 16:34*	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/09/2012

Client Sample ID G159-GW
Lab ID: 1200023-36

Diesel Range Organics by EPA 8015B **Analyst: CR**

Analyte	Result (mg/L)	PQL (mg/L)	MDL (mg/L)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
DRO	ND	0.05	NA	1	B2A0167	01/05/2012	01/05/12 14:42	
ORO	ND	0.05	NA	1	B2A0167	01/05/2012	01/05/12 14:42	
Surrogate: p-Terphenyl	*77.2 %*	*48 - 124*			B2A0167	01/05/2012	*01/05/12 14:42*	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/09/2012

Client Sample ID G159 11.5 Interface
Lab ID: 1200023-35

BTEX/MTBE by EPA 8021 **Analyst: TP**

Analyte	Result (ug/kg)	PQL (ug/kg)	MDL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
MTBE	ND	5.0	NA	1	B2A0124	01/05/2012	01/05/12 11:26	
Benzene	ND	5.0	NA	1	B2A0124	01/05/2012	01/05/12 11:26	
Toluene	ND	5.0	NA	1	B2A0124	01/05/2012	01/05/12 11:26	
Ethylbenzene	ND	5.0	NA	1	B2A0124	01/05/2012	01/05/12 11:26	
m,p-Xylene	ND	5.0	NA	1	B2A0124	01/05/2012	01/05/12 11:26	
o-Xylene	ND	5.0	NA	1	B2A0124	01/05/2012	01/05/12 11:26	
Surrogate: 4-Bromofluorobenzene	*90.3 %*	*65 - 140*			B2A0124	01/05/2012	*01/05/12 11:26*	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
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Livermore , CA 94550		Reported :	01/09/2012

Client Sample ID G159-GW
Lab ID: 1200023-36

BTEX/MTBE by EPA 8021

Analyst: RP

Analyte	Result (ug/L)	PQL (ug/L)	MDL (ug/L)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
MTBE	ND	0.50	NA	1	B2A0214	01/06/2012	01/06/12 18:05	
Benzene	ND	0.50	NA	1	B2A0214	01/06/2012	01/06/12 18:05	
Toluene	ND	0.50	NA	1	B2A0214	01/06/2012	01/06/12 18:05	
Ethylbenzene	ND	0.50	NA	1	B2A0214	01/06/2012	01/06/12 18:05	
m,p-Xylene	ND	1.0	NA	1	B2A0214	01/06/2012	01/06/12 18:05	
o-Xylene	ND	0.50	NA	1	B2A0214	01/06/2012	01/06/12 18:05	
Surrogate: 4-Bromofluorobenzene	*96.2 %*	*70 - 130*			B2A0214	01/06/2012	*01/06/12 18:05*	

pH by EPA 9045C

Analyte: pH

Analyst: LA

Laboratory ID	Client Sample ID	Result	Units	PQL	MDL	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1200023-10	G121-0.5	**7.8**	pH Units	0.10	NA	1	B2A0241	01/09/2012	01/09/12 13:49	
1200023-20	G152-0.5	**8.0**	pH Units	0.10	NA	1	B2A0241	01/09/2012	01/09/12 13:49	
1200023-30	G159-2.5	**8.1**	pH Units	0.10	NA	1	B2A0241	01/09/2012	01/09/12 13:49	
1200023-40	G166-2.5	**7.3**	pH Units	0.10	NA	1	B2A0241	01/09/2012	01/09/12 13:49	
1200023-45	G67-6.5	**8.6**	pH Units	0.10	NA	1	B2A0242	01/09/2012	01/09/12 13:56	

Geocon Consultants, Inc.	Project Number : TO-16, E8560-06-16
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QUALITY CONTROL SECTION

Lead by ICP-AES EPA 6010B - Quality Control

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0164 - EPA 3050 Modified									
Blank (B2A0164-BLK1)					Prepared: 1/5/2012 Analyzed: 1/9/2012				
Lead	ND	1.0			NR				
Blank (B2A0164-BLK2)					Prepared: 1/5/2012 Analyzed: 1/9/2012				
Lead	ND	1.0			NR				
LCS (B2A0164-BS1)					Prepared: 1/5/2012 Analyzed: 1/9/2012				
Lead	240	1.0	250		97.8	80 - 120			
Duplicate (B2A0164-DUP1)		**Source: 1200023-09**			Prepared: 1/5/2012 Analyzed: 1/9/2012				
Lead	69	1.0		69	NR		0.484	20	
Duplicate (B2A0164-DUP2)		**Source: 1200022-50**			Prepared: 1/5/2012 Analyzed: 1/9/2012				
Lead	6.3	1.0		5.4	NR		15.2	20	
Matrix Spike (B2A0164-MS1)		**Source: 1200023-09**			Prepared: 1/5/2012 Analyzed: 1/9/2012				
Lead	300	1.0	250	69	93.9	46 - 116			
Matrix Spike (B2A0164-MS2)		**Source: 1200022-50**			Prepared: 1/5/2012 Analyzed: 1/9/2012				
Lead	230	1.0	250	5.4	91.0	46 - 116			
Matrix Spike Dup (B2A0164-MSD1)		**Source: 1200023-09**			Prepared: 1/5/2012 Analyzed: 1/9/2012				
Lead	290	1.0	250	69	87.2	46 - 116	5.71	20	
Batch B2A0165 - EPA 3050 Modified									
Blank (B2A0165-BLK1)					Prepared: 1/5/2012 Analyzed: 1/9/2012				
Lead	ND	1.0			NR				
Blank (B2A0165-BLK2)					Prepared: 1/5/2012 Analyzed: 1/9/2012				
Lead	ND	1.0			NR				
LCS (B2A0165-BS1)					Prepared: 1/5/2012 Analyzed: 1/9/2012				
Lead	240	1.0	250		94.8	80 - 120			
Duplicate (B2A0165-DUP1)		**Source: 1200023-29**			Prepared: 1/5/2012 Analyzed: 1/9/2012				
Lead	12	1.0		10	NR		17.2	20	
Duplicate (B2A0165-DUP2)		**Source: 1200023-19**			Prepared: 1/5/2012 Analyzed: 1/9/2012				
Lead	110	1.0		140	NR		30.1	20	R
Matrix Spike (B2A0165-MS1)		**Source: 1200023-29**			Prepared: 1/5/2012 Analyzed: 1/9/2012				
Lead	240	1.0	250	10	90.0	46 - 116			
Matrix Spike (B2A0165-MS2)		**Source: 1200023-19**			Prepared: 1/5/2012 Analyzed: 1/9/2012				
Lead	310	1.0	250	140	65.3	46 - 116			

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Lead by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0165 - EPA 3050 Modified (continued)									
Matrix Spike Dup (B2A0165-MSD1)		**Source: 1200023-29**			Prepared: 1/5/2012 Analyzed: 1/9/2012				
Lead	230	1.0	250	10	88.0	46 - 116	2.20	20	
Batch B2A0166 - EPA 3050 Modified									
Blank (B2A0166-BLK1)					Prepared: 1/5/2012 Analyzed: 1/9/2012				
Lead	ND	1.0			NR				
Blank (B2A0166-BLK2)					Prepared: 1/5/2012 Analyzed: 1/9/2012				
Lead	ND	1.0			NR				
LCS (B2A0166-BS1)					Prepared: 1/5/2012 Analyzed: 1/9/2012				
Lead	250	1.0	250		100	80 - 120			
Duplicate (B2A0166-DUP1)		**Source: 1200023-45**			Prepared: 1/5/2012 Analyzed: 1/9/2012				
Lead	8.4	1.0		7.0	NR		17.0	20	
Duplicate (B2A0166-DUP2)		**Source: 1200023-39**			Prepared: 1/5/2012 Analyzed: 1/9/2012				
Lead	8.9	1.0		8.2	NR		8.30	20	
Matrix Spike (B2A0166-MS1)		**Source: 1200023-45**			Prepared: 1/5/2012 Analyzed: 1/9/2012				
Lead	200	1.0	250	7.0	77.4	46 - 116			
Matrix Spike (B2A0166-MS2)		**Source: 1200023-39**			Prepared: 1/5/2012 Analyzed: 1/9/2012				
Lead	210	1.0	250	8.2	81.0	46 - 116			
Matrix Spike Dup (B2A0166-MSD1)		**Source: 1200023-45**			Prepared: 1/5/2012 Analyzed: 1/9/2012				
Lead	190	1.0	250	7.0	73.2	46 - 116	5.40	20	
Batch B2A0227 - EPA 3010A									
Blank (B2A0227-BLK1)					Prepared: 1/9/2012 Analyzed: 1/9/2012				
Lead	ND	0.005			NR				
LCS (B2A0227-BS1)					Prepared: 1/9/2012 Analyzed: 1/9/2012				
Lead	1.1	0.005	1.00		106	85 - 115			
Duplicate (B2A0227-DUP1)		**Source: 1200023-36**			Prepared: 1/9/2012 Analyzed: 1/9/2012				
Lead	0.89	0.02		0.82	NR		8.12	20	
Matrix Spike (B2A0227-MS1)		**Source: 1200013-01**			Prepared: 1/9/2012 Analyzed: 1/9/2012				
Lead	2.4	0.005	2.50	ND	97.5	78 - 117			
Matrix Spike Dup (B2A0227-MSD1)		**Source: 1200013-01**			Prepared: 1/9/2012 Analyzed: 1/9/2012				
Lead	2.4	0.005	2.50	ND	97.2	78 - 117	0.321	20	
Batch S2A0080 - B2A0064									
Instrument Blank (S2A0080-IBL1)					Prepared: 1/9/2012 Analyzed: 1/9/2012				
Lead	ND	1.0			NR				

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Gasoline Range Organics by EPA 8015B - Quality Control

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0124 - GCVOAS									
Blank (B2A0124-BLK1)					Prepared: 1/5/2012 Analyzed: 1/5/2012				
Gasoline Range Organics	ND	1.0			NR				
Surrogate: 4-Bromofluorobenzene	*0.11*		*0.100*		*110*	*69 - 158*			
LCS (B2A0124-BS1)					Prepared: 1/5/2012 Analyzed: 1/5/2012				
Gasoline Range Organics	5.4	1.0	5.00		109	70 - 130			
Surrogate: 4-Bromofluorobenzene	*0.11*		*0.100*		*114*	*69 - 158*			
LCS Dup (B2A0124-BSD1)					Prepared: 1/5/2012 Analyzed: 1/5/2012				
Gasoline Range Organics	4.7	1.0	5.00		93.4	70 - 130	15.3	20	
Surrogate: 4-Bromofluorobenzene	*0.11*		*0.100*		*112*	*69 - 158*			
Duplicate (B2A0124-DUP1)		**Source: 1200023-35**			Prepared: 1/5/2012 Analyzed: 1/5/2012				
Gasoline Range Organics	ND	1.0		0.24	NR			20	
Surrogate: 4-Bromofluorobenzene	*0.11*		*0.100*		*110*	*69 - 158*			
Matrix Spike (B2A0124-MS1)		**Source: 1200015-01**			Prepared: 1/5/2012 Analyzed: 1/5/2012				
Gasoline Range Organics	4.6	1.0	5.00	ND	92.0	46 - 135			
Surrogate: 4-Bromofluorobenzene	*0.12*		*0.100*		*119*	*69 - 158*			
Matrix Spike Dup (B2A0124-MSD1)		**Source: 1200015-01**			Prepared: 1/5/2012 Analyzed: 1/5/2012				
Gasoline Range Organics	5.0	1.0	5.00	ND	101	46 - 135	9.21	20	
Surrogate: 4-Bromofluorobenzene	*0.12*		*0.100*		*124*	*69 - 158*			
Batch B2A0214 - GCVOAW									
Blank (B2A0214-BLK1)					Prepared: 1/6/2012 Analyzed: 1/6/2012				
Gasoline Range Organics	ND	0.05			NR				
Surrogate: 4-Bromofluorobenzene	*0.093*		*0.100*		*92.5*	*70 - 130*			
LCS (B2A0214-BS1)					Prepared: 1/6/2012 Analyzed: 1/6/2012				
Gasoline Range Organics	1.0		1.00		99.9	70 - 130			
Surrogate: 4-Bromofluorobenzene	*0.095*		*0.100*		*95.2*	*70 - 130*			
LCS Dup (B2A0214-BSD1)					Prepared: 1/6/2012 Analyzed: 1/6/2012				
Gasoline Range Organics	1.0		1.00		102	70 - 130	2.47	20	
Surrogate: 4-Bromofluorobenzene	*0.097*		*0.100*		*97.0*	*70 - 130*			
Duplicate (B2A0214-DUP1)		**Source: 1200023-36**			Prepared: 1/6/2012 Analyzed: 1/6/2012				
Gasoline Range Organics	0.04	0.05		0.06	NR		20.0	20	
Surrogate: 4-Bromofluorobenzene	*0.093*		*0.100*		*93.4*	*70 - 130*			

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Diesel Range Organics by EPA 8015B - Quality Control

Analyte	Result (mg/L)	PQL (mg/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0167 - GCSEMI_DRO									
Blank (B2A0167-BLK1)					Prepared: 1/5/2012 Analyzed: 1/5/2012				
DRO	ND	0.05			NR				
ORO	ND	0.05			NR				
Surrogate: p-Terphenyl	*0.060*		*0.0800*		*74.9*	*48 - 124*			
LCS (B2A0167-BS1)					Prepared: 1/5/2012 Analyzed: 1/5/2012				
DRO	0.79	0.05	1.00		78.7	45 - 109			
Surrogate: p-Terphenyl	*0.062*		*0.0800*		*77.7*	*48 - 124*			
LCS Dup (B2A0167-BSD1)					Prepared: 1/5/2012 Analyzed: 1/5/2012				
DRO	0.72	0.05	1.00		71.7	45 - 109	9.28	20	
Surrogate: p-Terphenyl	*0.059*		*0.0800*		*73.4*	*48 - 124*			
Batch B2A0168 - GCSEMI_DRO_SOIL_LL									
Blank (B2A0168-BLK1)					Prepared: 1/5/2012 Analyzed: 1/5/2012				
DRO	ND	1.0			NR				
ORO	ND	1.0			NR				
Surrogate: p-Terphenyl	*2.1*		*2.67*		*76.9*	*39 - 123*			
LCS (B2A0168-BS1)					Prepared: 1/5/2012 Analyzed: 1/5/2012				
DRO	22	1.0	33.3		66.2	37 - 109			
Surrogate: p-Terphenyl	*2.1*		*2.67*		*79.0*	*39 - 123*			
Duplicate (B2A0168-DUP1)		**Source: 1200023-35**			Prepared: 1/5/2012 Analyzed: 1/5/2012				
DRO	ND	1.0		ND	NR			20	
ORO	ND	1.0		ND	NR			20	
Surrogate: p-Terphenyl	*1.7*		*2.67*		*65.6*	*39 - 123*			
Matrix Spike (B2A0168-MS1)		**Source: 1200023-35**			Prepared: 1/5/2012 Analyzed: 1/5/2012				
DRO	26	1.0	33.3	ND	77.4	29 - 107			
Surrogate: p-Terphenyl	*1.9*		*2.67*		*71.1*	*39 - 123*			
Matrix Spike Dup (B2A0168-MSD1)		**Source: 1200023-35**			Prepared: 1/5/2012 Analyzed: 1/5/2012				
DRO	22	1.0	33.3	ND	65.4	29 - 107	16.8	20	
Surrogate: p-Terphenyl	*1.9*		*2.67*		*70.8*	*39 - 123*			

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BTEX/MTBE by EPA 8021 - Quality Control

Analyte	Result (ug/kg)	PQL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0124 - GCVOAS									
Blank (B2A0124-BLK1)					Prepared: 1/5/2012 Analyzed: 1/5/2012				
MTBE	ND	5.0			NR				
Benzene	ND	5.0			NR				
Toluene	ND	5.0			NR				
Ethylbenzene	ND	5.0			NR				
m,p-Xylene	ND	5.0			NR				
o-Xylene	ND	5.0			NR				
Surrogate: 4-Bromofluorobenzene	*89*		*100*		*89.4*	*65 - 140*			
LCS (B2A0124-BS1)					Prepared: 1/5/2012 Analyzed: 1/5/2012				
MTBE	420	5.0	430		98.0	70 - 130			
Benzene	37	5.0	40.8		91.7	70 - 130			
Toluene	190	5.0	202		93.6	70 - 130			
Ethylbenzene	58	5.0	76.0		76.5	70 - 130			
m,p-Xylene	200	5.0	206		97.7	70 - 130			
o-Xylene	77	5.0	73.5		104	70 - 130			
Surrogate: 4-Bromofluorobenzene	*97*		*100*		*96.8*	*65 - 140*			
LCS (B2A0124-BS2)					Prepared: 1/5/2012 Analyzed: 1/5/2012				
MTBE	110	5.0	100		109	70 - 130			
Benzene	100	5.0	100		101	70 - 130			
Toluene	100	5.0	100		103	70 - 130			
Ethylbenzene	99	5.0	100		98.9	70 - 130			
m,p-Xylene	200	5.0	200		101	70 - 130			
o-Xylene	100	5.0	100		103	70 - 130			
Surrogate: 4-Bromofluorobenzene	*96*		*100*		*95.7*	*65 - 140*			
LCS Dup (B2A0124-BSD1)					Prepared: 1/5/2012 Analyzed: 1/5/2012				
MTBE	360	5.0	430		84.4	70 - 130	14.8	20	
Benzene	32	5.0	40.8		78.3	70 - 130	15.8	20	
Toluene	160	5.0	202		80.2	70 - 130	15.5	20	
Ethylbenzene	50	5.0	76.0		65.2	70 - 130	15.9	20	
m,p-Xylene	170	5.0	206		83.6	70 - 130	15.6	20	
o-Xylene	66	5.0	73.5		89.3	70 - 130	15.4	20	
Surrogate: 4-Bromofluorobenzene	*96*		*100*		*95.5*	*65 - 140*			
LCS Dup (B2A0124-BSD2)					Prepared: 1/5/2012 Analyzed: 1/5/2012				
MTBE	100	5.0	100		102	70 - 130	6.82	20	
Benzene	100	5.0	100		104	70 - 130	2.95	20	
Toluene	100	5.0	100		104	70 - 130	0.654	20	
Ethylbenzene	100	5.0	100		100	70 - 130	1.36	20	
m,p-Xylene	200	5.0	200		102	70 - 130	1.07	20	
o-Xylene	100	5.0	100		104	70 - 130	0.819	20	
Surrogate: 4-Bromofluorobenzene	*94*		*100*		*93.7*	*65 - 140*			
Duplicate (B2A0124-DUP1)				**Source: 1200023-35**	Prepared: 1/5/2012 Analyzed: 1/5/2012				

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BTEX/MTBE by EPA 8021 - Quality Control (cont'd)

Analyte	Result (ug/kg)	PQL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0124 - GCVOAS (continued)									
Duplicate (B2A0124-DUP1) - Continued		**Source: 1200023-35**			Prepared: 1/5/2012 Analyzed: 1/5/2012				
MTBE	ND	5.0		ND	NR			20	
Benzene	ND	5.0		ND	NR			20	
Toluene	ND	5.0		ND	NR			20	
Ethylbenzene	1.0	5.0		ND	NR			20	
m,p-Xylene	ND	5.0		ND	NR			20	
o-Xylene	ND	5.0		ND	NR			20	
Surrogate: 4-Bromofluorobenzene	*90*		*100*		*89.8*	*65 - 140*			
Matrix Spike (B2A0124-MS1)		**Source: 1200015-01**			Prepared: 1/5/2012 Analyzed: 1/5/2012				
MTBE	390	5.0	430	ND	91.1	39 - 121			
Benzene	34	5.0	40.8	ND	82.3	69 - 264			
Toluene	170	5.0	202	ND	84.1	44 - 150			
Ethylbenzene	50	5.0	76.0	ND	65.7	37 - 161			
m,p-Xylene	180	5.0	206	ND	86.7	30 - 149			
o-Xylene	68	5.0	73.5	ND	93.0	31 - 166			
Surrogate: 4-Bromofluorobenzene	*98*		*100*		*97.7*	*65 - 140*			
Matrix Spike Dup (B2A0124-MSD1)		**Source: 1200015-01**			Prepared: 1/5/2012 Analyzed: 1/5/2012				
MTBE	430	5.0	430	ND	99.5	39 - 121	8.81	20	
Benzene	36	5.0	40.8	ND	89.4	69 - 264	8.26	20	
Toluene	180	5.0	202	ND	90.7	44 - 150	7.57	20	
Ethylbenzene	55	5.0	76.0	ND	72.0	37 - 161	9.14	20	
m,p-Xylene	190	5.0	206	ND	92.7	30 - 149	6.74	20	
o-Xylene	73	5.0	73.5	ND	98.8	31 - 166	6.02	20	
Surrogate: 4-Bromofluorobenzene	*100*		*100*		*101*	*65 - 140*			
Batch B2A0214 - GCVOAW									
Blank (B2A0214-BLK1)					Prepared: 1/6/2012 Analyzed: 1/6/2012				
MTBE	ND	0.50			NR				
Benzene	ND	0.50			NR				
Toluene	ND	0.50			NR				
Ethylbenzene	ND	0.50			NR				
m,p-Xylene	ND	1.0			NR				
o-Xylene	ND	0.50			NR				
Surrogate: 4-Bromofluorobenzene	*97*		*100*		*96.8*	*70 - 130*			
LCS (B2A0214-BS2)					Prepared: 1/6/2012 Analyzed: 1/6/2012				
MTBE	93		100		93.1	70 - 130			
Benzene	99		100		98.6	70 - 130			
Toluene	96		100		96.4	70 - 130			
Ethylbenzene	100		100		103	70 - 130			
m,p-Xylene	200		200		101	70 - 130			
o-Xylene	100		100		104	70 - 130			
Surrogate: 4-Bromofluorobenzene	*100*		*100*		*101*	*70 - 130*			

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Livermore , CA 94550		Reported :	01/09/2012

BTEX/MTBE by EPA 8021 - Quality Control (cont'd)

Analyte	Result (ug/L)	PQL (ug/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0214 - GCVOAW (continued)									
LCS Dup (B2A0214-BSD2)					Prepared: 1/6/2012 Analyzed: 1/6/2012				
MTBE	93		100		92.9	70 - 130	0.139	20	
Benzene	98		100		98.0	70 - 130	0.605	20	
Toluene	96		100		95.8	70 - 130	0.644	20	
Ethylbenzene	100		100		103	70 - 130	0.0680	20	
m,p-Xylene	200		200		101	70 - 130	0.0208	20	
o-Xylene	100		100		104	70 - 130	0.246	20	
Surrogate: 4-Bromofluorobenzene	*100*		*100*		*100*	*70 - 130*			
Duplicate (B2A0214-DUP1)		**Source: 1200023-36**			Prepared: 1/6/2012 Analyzed: 1/6/2012				
MTBE	ND	0.50		ND	NR			20	
Benzene	ND	0.50		ND	NR			20	
Toluene	ND	0.50		ND	NR			20	
Ethylbenzene	ND	0.50		ND	NR			20	
m,p-Xylene	ND	1.0		ND	NR			20	
o-Xylene	ND	0.50		ND	NR			20	
Surrogate: 4-Bromofluorobenzene	*97*		*100*		*96.9*	*70 - 130*			

Geocon Consultants, Inc.	Project Number : TO-16, E8560-06-16
6671 Brisa Street	Report To : Luann Beadle
Livermore , CA 94550	Reported : 01/09/2012

pH by EPA 9045C - Quality Control

Analyte	Result (pH Units)	PQL (pH Units)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0241 - Prep_WC_1_S									
Duplicate (B2A0241-DUP1)		**Source: 1200023-40**			Prepared: 1/9/2012 Analyzed: 1/9/2012				
pH	7.3	0.10		7.3	NR		0.7	20	
Batch B2A0242 - Prep_WC_1_S									
Duplicate (B2A0242-DUP1)		**Source: 1200023-45**			Prepared: 1/9/2012 Analyzed: 1/9/2012				
pH	9.0	0.10		8.6	NR		5	20	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/09/2012

Notes and Definitions

R	RPD value outside acceptance criteria. Calculation is based on raw values.
ND	Analyte not detected at or above reporting limit
PQL	Practical Quantitation Limit
MDL	Method Detection Limit
NR	Not Reported
RPD	Relative Percent Difference

CHAIN OF CUSTODY RECORD

Advanced Technology Laboratories
3275 Walnut Avenue
Signal Hill, CA 90755
(562) 989-4045 • Fax (562) 989-4040

FOR LABORATORY USE ONLY:

P.O.#:

Logged By: N Date: 1/5/12

Method of Transport: Client ☐ ATL ☐ CA OverN ☐ FEDEX ☐ Other: GSO

Sample Condition Upon Receipt: 60 ice

1. CHILLED Y☑ N☐ 4. SEALED Y☐ N☐
2. HEADSPACE (VOA) Y☐ N☐ 5. # OF SPLS MATCH COC Y☐ N☐
3. CONTAINER INTACT Y☐ N☐ 6. PRESERVED Y☐ N☐

Client: GEOCON CONSULTANTS, INC.
Attn: L. BEADLE
Address: 6671 Brisa Street
City: Livermore State: CA Zip Code: 94550
TEL: (925) 371-5900
FAX: (925) 371-5915

Project Name: TO-16
Project #: E8560-06-16
Sampler: (Printed Name) L. Beadle (Signature) L. Beadle

Relinquished by: (Signature and Printed Name) L. Beadle Date: 1/4/12 Time:
Received by: (Signature and Printed Name) GSO Date: Time:
Relinquished by: (Signature and Printed Name) Date: Time:
Received by: (Signature and Printed Name) Mayo Date: 1/5/12 Time: 809
Relinquished by: (Signature and Printed Name) Date: Time:
Received by: (Signature and Printed Name) Date: Time:

I hereby authorize ATL to perform the work indicated below:
Project Mgr / Submitter: D. WATTS
Print Name Date
Signature

Send Report To:
Attn:
Co: SAME AS ABOVE
Address
City State Zip

Bill To:
Attn:
Co: SAME AS ABOVE
Address
City State Zip

Special Instructions/Comments:
Lab - Please run pH analysis on random 10% ea Lead samples

Sample/Records - Archival & Disposal
Unless otherwise requested by client, all samples will be disposed 45 days after receipt and records will be disposed 1 year after submittal of final report.

Storage Fees (applies when storage is requested):
- Sample : $2.00 / sample / mo (after 45 days)
- Records : $1.00 / ATL workorder / mo (after 1 year)

Circle or Add Analysis(es) Requested: 8081A (Pesticides), 8082 (PCB), 8260B (Volatiles), 8270C (BNA), 6010B (Total Metal) Lead, 8015B (GRO) / BTEX, 8015B (DRO), 8021 (BTEX), TITLE 22 / CAM 17 (6010 / 7000)

SPECIFY APPROPRIATE MATRIX: SOIL, WATER, GROUND WATER, WASTEWATER

QA/QC: RTNE ☐ CT ☒ SWRCB ☐ Logcode ____ OTHER ____

ITEM	LAB USE ONLY: Batch #: Lab No.	Sample Description: Sample I.D. / Location	Date	Time	TAT	Container(s) #	Type	PRESERVATION	REMARKS
	1200023-01	G134-0	1/4/12	0845	C	1	P B		
	2	-0.5		0846					
	3	-1.5		0847					
	4	-2.5		0848					
	5	-3.5		0850					
	6	-4.5		0851					
	7	-5.5		0852					
	8	-6.5		0855					
	9	G121-0		0930					
	10	-0.5		0931					

• TAT starts 8 a.m. following day if samples received after 3 p.m.

TAT: A= Overnight ≤ 24 hr B= Emergency Next workday C= Critical 2 Workdays D= Urgent 3 Workdays E= Routine 7 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=HCl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

DISTRIBUTION: White with report Yellow to folder Pink to submitter

CHAIN OF CUSTODY RECORD

Advanced Technology Laboratories
3275 Walnut Avenue
Signal Hill, CA 90755
(562) 989-4045 • Fax (562) 989-4040

FOR LABORATORY USE ONLY:

P.O.#: _____

Logged By: _____ Date: _____

Method of Transport: Client ☐ ATL ☐ CA OverN ☐ FEDEX ☐ Other: _____

Sample Condition Upon Receipt: 1. CHILLED Y☐ N☐ 2. HEADSPACE (VOA) Y☐ N☐ 3. CONTAINER INTACT Y☐ N☐ 4. SEALED Y☐ N☐ 5. # OF SPLS MATCH COC Y☐ N☐ 6. PRESERVED Y☐ N☐

Client: GEOCON CONSULTANTS, INC.
Attn: L. BEADLE
Address: 6671 Brisa Street
City: Livermore State: CA Zip Code: 94550
TEL: (925) 371-5900
FAX: (925) 371-5915

Project Name: TO-16 Project #: E8560-06-16 Sampler: (Printed Name) L. Beadle/J. Brieff (Signature) L. Beadle

Relinquished by: (Signature and Printed Name) L. Beadle/L. Beadle Date: 1/4/12 Time: Received by: (Signature and Printed Name) GSO Date: Time:
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Mango Date: 1/5/12 Time: 909
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:

I hereby authorize ATL to perform the work indicated below:
Project Mgr / Submitter: D. WATTS
Print Name Date
Signature

Send Report To: Attn: _____ Co: SAME AS ABOVE Address _____ City _____ State _____ Zip _____

Bill To: Attn: _____ Co: SAME AS ABOVE Address _____ City _____ State _____ Zip _____

Special Instructions/Comments: See p.1

Sample/Records - Archival & Disposal
Unless otherwise requested by client, all samples will be disposed 45 days after receipt and records will be disposed 1 year after submittal of final report.

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- Records : $1.00 / ATL workorder / mo (after 1 year)

Circle or Add Analysis(es) Requested: 8081A (Pesticides), 8082 (PCB), 8260B (Volatiles), 8270C (BNA), 6010B (Total Metal) Lead, 8015B (GRO) / BTEX, 8015B (DRO), 8021 (BTEX), TITLE 22 / CAM 17 (6010 / 7000)

SPECIFY APPROPRIATE MATRIX: SOIL, WATER, GROUND WATER, WASTEWATER

ITEM	LAB USE ONLY: Batch #: / Lab No.	Sample Description: Sample I.D. / Location	Date	Time	8081A (Pesticides)	8082 (PCB)	8260B (Volatiles)	8270C (BNA)	6010B (Total Metal) Lead	8015B (GRO) / BTEX	8015B (DRO)	8021 (BTEX)	TITLE 22 / CAM 17 (6010 / 7000)	SOIL	WATER	GROUND WATER	WASTEWATER	TAT	Container(s) #	Container(s) Type	PRESERVATION	REMARKS
	1200023-11	G121-1.5	1/4/12	0932					X					X				C	1	P		
		~~-2.5~~																				
		Refusal no samples -3.5																				
		~~-4.5~~																				
		~~-5.5~~																				
		~~-6.5~~																				
	12	G67-0		1015																		
	13	-0.5		1016																		
	14	-1.5		1017																		
	15	-2.5		1018																		

QA/QC: RTNE ☐ CT ☒ SWRCB ☐ Logcode _____ OTHER _____

• TAT starts 8 a.m. following day if samples received after 3 p.m.

TAT: A= Overnight ≤ 24 hr B= Emergency Next workday C= Critical 2 Workdays D= Urgent 3 Workdays E= Routine 7 Workdays

Preservatives: H=HCl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

DISTRIBUTION: White with report Yellow to folder Pink to submitter

CHAIN OF CUSTODY RECORD

Advanced Technology Laboratories
3275 Walnut Avenue
Signal Hill, CA 90755
(562) 989-4045 • Fax (562) 989-4040

FOR LABORATORY USE ONLY:

P.O.#: _____

Logged By: _____ Date: _____

Method of Transport: Client ☐ ATL ☐ CA OverN ☐ FEDEX ☐ Other: _____

Sample Condition Upon Receipt: 1. CHILLED Y☐ N☐ 2. HEADSPACE (VOA) Y☐ N☐ 3. CONTAINER INTACT Y☐ N☐ 4. SEALED Y☐ N☐ 5. # OF SPLS MATCH COC Y☐ N☐ 6. PRESERVED Y☐ N☐

Client: GEOCON CONSULTANTS, INC.
Attn: L. BEADLE
Address: 6671 Brisa Street
City: Livermore State: CA Zip Code: 94550
TEL: (925) 371-5900
FAX: (925) 371-5915

Project Name: TO-16
Project #: E8560-06-16
Sampler: (Printed Name) L. Beadle / O.Brien (Signature) L. Beadle

Relinquished by: (Signature and Printed Name)	Date	Time	Received by: (Signature and Printed Name)	Date	Time
L. Beadle / L. Beadle	1/4/12		GSO		
			Mary [illegible]	1/5/12	809

I hereby authorize ATL to perform the work indicated below:
Project Mgr / Submitter:
D. WATTS
Print Name Date
Signature

Send Report To:
Attn: _____
Co: SAME AS ABOVE
Address _____
City _____ State _____ Zip _____

Bill To:
Attn: _____
Co: SAME AS ABOVE
Address _____
City _____ State _____ Zip _____

Special Instructions/Comments: See p.1

Sample/Records - Archival & Disposal
Unless otherwise requested by client, all samples will be disposed 45 days after receipt and records will be disposed 1 year after submittal of final report.

Storage Fees (applies when storage is requested):
- Sample : $2.00 / sample / mo (after 45 days)
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Circle or Add Analysis(es) Requested: 8081A (Pesticides), 8082 (PCB), 8260B (Volatiles), 8270C (BNA), 6010B (Total Metal) Lead, 8015B (GRO) / BTEX, 8015B (DRO), 8021 (BTEX), TITLE 22 / CAM 17 (6010 / 7000)

SPECIFY APPROPRIATE MATRIX: SOIL, WATER, GROUND WATER, WASTEWATER

QA/QC: RTNE ☐ CT ☒ SWRCB ☐ Logcode _____ OTHER _____

ITEM	LAB USE ONLY: Batch #: / Lab No.	Sample Description: Sample I.D. / Location	Date	Time	TAT	#	Type	PRESERVATION	REMARKS
	1200023-16	G67-3.5	1/4/12	1025	C	1	P B		
	17	-4.5		1026					
	18	-5.5		1027					
	19	G152-0		1045					
	20	-0.5		1046					
	21	-1.5		1047					
	22	-2.5		1048					
	23	-3.5		1049					
	24	-4.5		1052					
	25	-5.5		1053					

• TAT starts 8 a.m. following day if samples received after 3 p.m.

TAT: A= Overnight ≤ 24 hr B= Emergency Next workday C= Critical 2 Workdays D= Urgent 3 Workdays E= Routine 7 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=HCl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

DISTRIBUTION: White with report Yellow to folder Pink to submitter

CHAIN OF CUSTODY RECORD

4 - 6

Advanced Technology Laboratories
3275 Walnut Avenue
Signal Hill, CA 90755
(562) 989-4045 • Fax (562) 989-4040

FOR LABORATORY USE ONLY:

P.O.#: _____

Logged By: _____ Date: _____

Method of Transport: Client ☐ ATL ☐ CA OverN ☐ FEDEX ☐ Other: _____

Sample Condition Upon Receipt: 1. CHILLED Y☐ N☐ 2. HEADSPACE (VOA) Y☐ N☐ 3. CONTAINER INTACT Y☐ N☐ 4. SEALED Y☐ N☐ 5. # OF SPLS MATCH COC Y☐ N☐ 6. PRESERVED Y☐ N☐

Client: GEOCON CONSULTANTS, INC.
Attn: L. BEADLE

Address: 6671 Brisa Street
City: Livermore State: CA Zip Code: 94550
TEL: (925) 371-5900
FAX: (925) 371-5915

Project Name: TO-16
Project #: E8560-06-16
Sampler: (Printed Name) L. Beadle/O'Brien (Signature) L. Beadle

Relinquished by: (Signature and Printed Name) L. Beadle Date: 1/4/12 Time:
Received by: (Signature and Printed Name) GSO Date: Time:
Relinquished by: (Signature and Printed Name) Date: Time:
Received by: (Signature and Printed Name) Margo Date: 1/5/12 Time: 809
Relinquished by: (Signature and Printed Name) Date: Time:
Received by: (Signature and Printed Name) Date: Time:

I hereby authorize ATL to perform the work indicated below:
Project Mgr / Submitter
D. WATTS
Print Name Date
Signature

Send Report To:
Attn: _____
Co: SAME AS ABOVE
Address _____
City _____ State _____ Zip _____

Bill To:
Attn: _____
Co: SAME AS ABOVE
Address _____
City _____ State _____ Zip _____

Special Instructions/Comments: See p.1

Sample/Records - Archival & Disposal
Unless otherwise requested by client, all samples will be disposed 45 days after receipt and records will be disposed 1 year after submittal of final report.

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Circle or Add Analysis(es) Requested: 8081A (Pesticides), 8082 (PCB), 8260B (Volatiles), 8270C (BNA), 6010B (Total Metal) Lead, 8015B (GRO) / BTEX / MTBE, 8015B (DRO) + MO, 8021 (BTEX), TITLE 22 / CAM 17 (6010 / 7000)

SPECIFY APPROPRIATE MATRIX: SOIL, WATER, GROUND WATER, WASTEWATER

QA/QC: RTNE ☐ CT ☒ SWRCB ☐ Logcode _____ OTHER _____

ITEM	LAB USE ONLY: Batch #: / Lab No.	Sample Description: Sample I.D. / Location	Date	Time	TAT	Container(s) #	Container(s) Type	PRESERVATION	REMARKS
	1200023-26	G152-6.5	1/4/12	1054	C	1	P B		
	27	G159-0		1110					
	28	-0.5		1111					
	29	-1.5		1112					
	30	-2.5		1113					
	31	-3.5		1114					
	32	-4.5		1117					
	33	-5.5		1118					
	34	-6.5		1119					
	35	11.5 Water Interface		1140			P	C	

SOIL: Y; WATER: N; XXX

• TAT starts 8 a.m. following day if samples received after 3 p.m.

TAT: A= Overnight ≤ 24 hr; B= Emergency Next workday; C= Critical 2 Workdays; D= Urgent 3 Workdays; E= Routine 7 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=HCl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

DISTRIBUTION: White with report Yellow to folder Pink to submitter

CHAIN OF CUSTODY RECORD

Advanced Technology Laboratories
3275 Walnut Avenue
Signal Hill, CA 90755
(562) 989-4045 • Fax (562) 989-4040

FOR LABORATORY USE ONLY:

P.O.#: _____
Logged By: _____ Date: _____

Method of Transport: Client ☐ ATL ☐ CA OverN ☐ FEDEX ☐ Other: _____

Sample Condition Upon Receipt: 1. CHILLED Y☐ N☐ 2. HEADSPACE (VOA) Y☐ N☐ 3. CONTAINER INTACT Y☐ N☐ 4. SEALED Y☐ N☐ 5. # OF SPLS MATCH COC Y☐ N☐ 6. PRESERVED Y☐ N☐

Client: GEOCON CONSULTANTS, INC.
Attn: L. BEADLE
Address: 6671 Brisa Street
City: Livermore State: CA Zip Code: 94550
TEL: (925) 371-5900
FAX: (925) 371-5915

Project Name: TO-16 Project #: E8560-06-16 Sampler: (Printed Name) L. Beadle/O.Brien (Signature) L. Beadle

Relinquished by: (Signature and Printed Name) L. Beadle/L. Beadle Date: 1/4/12 Time: Received by: (Signature and Printed Name) O.S. Date: Time:
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Mary [illegible] Date: 1/5/12 Time: 803
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:

I hereby authorize ATL to perform the work indicated below:
Project Mgr (Submitter)
D. WATTS
Print Name Date
Signature

Send Report To: Attn: _____ Co: SAME AS ABOVE Address _____ City _____ State _____ Zip _____

Bill To: Attn: _____ Co: SAME AS ABOVE Address _____ City _____ State _____ Zip _____

Special Instructions/Comments: See p.1

Sample/Records - Archival & Disposal
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Circle or Add Analysis(es) Requested: 8081A (Pesticides), 8082 (PCB), 8260B (Volatiles), 8270C (BNA), 6010B (Total Metal), 8015B (GRO) / BTEX + MTBE, 8015B (DRO) + MO, 8021 (BTEX), TITLE 22 / CAM 17 (6010 / 7000), Lead

SPECIFY APPROPRIATE MATRIX: SOIL, WATER, GROUND WATER, WASTEWATER

ITEM	LAB USE ONLY: Batch #: Lab No.	Sample Description: Sample I.D. / Location	Date	Time	8270C (BNA)	6010B (Total Metal)	8015B (GRO) / BTEX + MTBE	8015B (DRO) + MO	8021 (BTEX)	SOIL	WATER	GROUND WATER	TAT	Container(s) #	Type	PRESERVATION	REMARKS
	1200223-36	G159-GW	1/4/12	1200		X	X				X		C	1	R G	C	
				1200										1	R G	↓	spare
				1205		X								4	V G	H	
				1205	X									1	P J	N	
	37	G166-0		1235						X				1	P B		
	38	-0.5		1236													
	39	-1.5		1237													
	40	-2.5		1238													
	41	-3.5		1242													
	42	-4.5	↓	1243													

QA/QC: RTNE ☐ CT ☒ SWRCB ☐ Logcode _____ OTHER _____

• TAT starts 8 a.m. following day if samples received after 3 p.m.

TAT: A= Overnight ≤ 24 hr B= Emergency Next workday C= Critical 2 Workdays D= Urgent 3 Workdays E= Routine 7 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=HCl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

CHAIN OF CUSTODY RECORD

Advanced Technology Laboratories
3275 Walnut Avenue
Signal Hill, CA 90755
(562) 989-4045 • Fax (562) 989-4040

FOR LABORATORY USE ONLY:

P.O.#: _____

Logged By: _____ Date: _____

Method of Transport: Client ☐ ATL ☐ CA OverN ☐ FEDEX ☐ Other: _____

Sample Condition Upon Receipt:
1. CHILLED Y☐ N☐ 4. SEALED Y☐ N☐
2. HEADSPACE (VOA) Y☐ N☐ 5. # OF SPLS MATCH COC Y☐ N☐
3. CONTAINER INTACT Y☐ N☐ 6. PRESERVED Y☐ N☐

Client: GEOCON CONSULTANTS, INC.
Attn: L. BEADLE
Address: 6671 Brisa Street
City: Livermore State: CA Zip Code: 94550
TEL: (925) 371-5900
FAX: (925) 371-5915

Project Name: TO-16 Project #: E8560-06-16 Sampler: (Printed Name) L. Beadle/O'Brien (Signature) L. Beadle

Relinquished by: (Signature and Printed Name)	Date	Time	Received by: (Signature and Printed Name)	Date	Time
L. Beadle L. Beadle	1/4/12		G50		
			Mary Ann	1/5/12	809

I hereby authorize ATL to perform the work indicated below:
Project Mgr/Submitter: D. WATTS
Print Name _____ Date _____
Signature: Will L

Send Report To:
Attn: _____
Co: SAME AS ABOVE
Address _____
City _____ State _____ Zip _____

Bill To:
Attn: _____
Co: SAME AS ABOVE
Address _____
City _____ State _____ Zip _____

Special Instructions/Comments: See p.1

Sample/Records - Archival & Disposal
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Circle or Add Analysis(es) Requested: 8081A (Pesticides), 8082 (PCB), 8260B (Volatiles), 8270C (BNA), 6010B (Total Metal) Lead, 8015B (GRO) / BTEX, 8015B (DRO), 8021 (BTEX), TITLE 22 / CAM 17 (6010 / 7000)

SPECIFY APPROPRIATE MATRIX: SOIL, WATER, GROUND WATER, WASTEWATER

QA/QC: RTNE ☐ CT ☒ SWRCB ☐ Logcode ____ OTHER ____

ITEM	LAB USE ONLY: Batch #: / Lab No.	Sample Description: Sample I.D. / Location	Date	Time	8081A (Pesticides)	8082 (PCB)	8260B (Volatiles)	8270C (BNA)	6010B (Total Metal) Lead	8015B (GRO) / BTEX	8015B (DRO)	8021 (BTEX)	TITLE 22 / CAM 17 (6010 / 7000)	SOIL	WATER	GROUND WATER	WASTEWATER	TAT	Container(s) #	Container(s) Type	PRESERVATION	REMARKS
	1200023-43	G166-5.5	1/4/12	1244					X					X				C	1	P B		
	44	-6.5	↓	1245					↓					↓				↓	↓	↓		

• TAT starts 8 a.m. following day if samples received after 3 p.m.

TAT: A= Overnight ≤ 24 hr B= Emergency Next workday C= Critical 2 Workdays D= Urgent 3 Workdays E= Routine 7 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=Hcl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

Diane Galvan

From: Luann Beadle [beadle@geoconinc.com]
Sent: Thursday, January 05, 2012 10:28 AM
To: Diane Galvan
Subject: E8560-06-16 SOL-80 FPI Sample

Hi Diane,
I just spoke with Margo was told that a sample received by the lab this morning was marked as "G67-6.5" but was not included on the COC. Please analyze the sample for total lead.
Thank you,
Luann

Luann Beadle | *Senior Staff Scientist*
Geocon Consultants, Inc.
6671 Brisa Street, Livermore, California 94550
Tel 925.371.5900 Fax 925.371.5915
www.geoconinc.com

ADVANCED TECHNOLOGY LABORATORIES

January 13, 2012

ELAP No.: 1838
NELAP No.: 02107CA
CSDLAC No.: 10196
ORELAP No.: CA300003

Luann Beadle
Geocon Consultants, Inc.
6671 Brisa Street
Livermore, CA 94550
Tel: (925) 371-5900
Fax:(925) 371-5915

Re: ATL Work Order Number : 1200023
Client Reference : TO-16, E8560-06-16

Enclosed are the results for sample(s) received on January 05, 2012 by Advanced Technology Laboratories. The sample(s) are tested for the parameters as indicated on the enclosed chain of custody in accordance with applicable laboratory certifications. The laboratory results contained in this report specifically pertains to the sample(s) submitted.

Thank you for the opportunity to serve the needs of your company. If you have any questions, please feel free to contact me or your Project Manager.

Sincerely,

Eddie Rodriguez
Laboratory Director

The cover letter and the case narrative are an integral part of this analytical report and its absence renders the report invalid. The report cannot be reproduced without written permission from the client and Advanced Technology Laboratories.

3275 Walnut Avenue, Signal Hill, CA 90755 • Tel: 562-989-4045 • Fax: 562-989-4040
www.atlglobal.com

Geocon Consultants, Inc.	Project Number : TO-16, E8560-06-16
6671 Brisa Street	Report To : Luann Beadle
Livermore , CA 94550	Reported : 01/13/2012

SUMMARY OF SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
G134-0	1200023-01	Soil	1/04/12 8:45	1/05/12 8:09
G134-0.5	1200023-02	Soil	1/04/12 8:46	1/05/12 8:09
G134-1.5	1200023-03	Soil	1/04/12 8:47	1/05/12 8:09
G121-0	1200023-09	Soil	1/04/12 9:30	1/05/12 8:09
G121-0.5	1200023-10	Soil	1/04/12 9:31	1/05/12 8:09
G152-0	1200023-19	Soil	1/04/12 10:45	1/05/12 8:09
G152-0.5	1200023-20	Soil	1/04/12 10:46	1/05/12 8:09
G159-0	1200023-27	Soil	1/04/12 11:10	1/05/12 8:09
G159-0.5	1200023-28	Soil	1/04/12 11:11	1/05/12 8:09
G159-0.5	1200023-28	Soil	1/04/12 11:11	1/05/12 8:09

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/13/2012

STLC Lead by AA (Direct Aspiration) by EPA 7420

Analyte: Lead **Analyst: VV**

Laboratory ID	Client Sample ID	Result	Units	PQL	MDL	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1200023-01	G134-0	**3.8**	mg/L	0.50	NA	1	B2A0284	01/10/2012	01/12/12 13:41	
1200023-02	G134-0.5	**3.2**	mg/L	0.50	NA	1	B2A0284	01/10/2012	01/12/12 13:42	
1200023-03	G134-1.5	**1.2**	mg/L	0.50	NA	1	B2A0284	01/10/2012	01/12/12 13:42	
1200023-09	G121-0	**2.9**	mg/L	0.50	NA	1	B2A0284	01/10/2012	01/12/12 13:42	
1200023-10	G121-0.5	**1.8**	mg/L	0.50	NA	1	B2A0284	01/10/2012	01/12/12 13:42	
1200023-19	G152-0	**6.6**	mg/L	0.50	NA	1	B2A0284	01/10/2012	01/12/12 13:43	
1200023-20	G152-0.5	**1.3**	mg/L	0.50	NA	1	B2A0284	01/10/2012	01/12/12 13:43	
1200023-27	G159-0	**4.3**	mg/L	0.50	NA	1	B2A0284	01/10/2012	01/12/12 13:40	

TCLP Lead by AA (Direct Aspiration) EPA 7420

Analyte: Lead **Analyst: VV**

Laboratory ID	Client Sample ID	Result	Units	PQL	MDL	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1200023-28	G159-0.5	**ND**	mg/L	0.50	NA	1	B2A0291	01/11/2012	01/11/12 13:38	

Geocon Consultants, Inc.	Project Number : TO-16, E8560-06-16
6671 Brisa Street	Report To : Luann Beadle
Livermore , CA 94550	Reported : 01/13/2012

QUALITY CONTROL SECTION

STLC Lead by AA (Direct Aspiration) by EPA 7420 - Quality Control

Analyte	Result (mg/L)	PQL (mg/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0284 - STLC Extraction									
Blank (B2A0284-BLK1)					Prepared: 1/10/2012 Analyzed: 1/12/2012				
Lead	ND	0.50			NR				
LCS (B2A0284-BS1)					Prepared: 1/10/2012 Analyzed: 1/12/2012				
Lead	5.2	0.05	5.00		105	80 - 120			
Duplicate (B2A0284-DUP1)		**Source: 1200023-27**			Prepared: 1/10/2012 Analyzed: 1/12/2012				
Lead	4.2	0.50		4.3	NR		1.81	20	
Matrix Spike (B2A0284-MS1)		**Source: 1200023-27**			Prepared: 1/10/2012 Analyzed: 1/12/2012				
Lead	9.8	0.10	5.00	4.3	110	80 - 120			
Matrix Spike Dup (B2A0284-MSD1)		**Source: 1200023-27**			Prepared: 1/10/2012 Analyzed: 1/12/2012				
Lead	9.4	0.10	5.00	4.3	103	80 - 120	3.52	20	
Batch S2A0134 - B2A0284									
Instrument Blank (S2A0134-IBL1)					Prepared: 1/12/2012 Analyzed: 1/12/2012				
Lead	ND	0.50			NR				

Geocon Consultants, Inc.	Project Number : TO-16, E8560-06-16
6671 Brisa Street	Report To : Luann Beadle
Livermore , CA 94550	Reported : 01/13/2012

TCLP Lead by AA (Direct Aspiration) EPA 7420 - Quality Control

Analyte	Result (mg/L)	PQL (mg/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0291 - EPA 3010A									
Blank (B2A0291-BLK1)					Prepared: 1/11/2012 Analyzed: 1/11/2012				
Lead	ND	0.50			NR				
Blank (B2A0291-BLK2)					Prepared: 1/11/2012 Analyzed: 1/11/2012				
Lead	ND	0.50			NR				
LCS (B2A0291-BS1)					Prepared: 1/11/2012 Analyzed: 1/11/2012				
Lead	1.1	0.50	1.00		111	80 - 120			
Duplicate (B2A0291-DUP1)		**Source: 1100842-86**			Prepared: 1/11/2012 Analyzed: 1/11/2012				
Lead	0.19	0.50		0.18	NR		6.22	20	
Matrix Spike (B2A0291-MS1)		**Source: 1100842-86**			Prepared: 1/11/2012 Analyzed: 1/11/2012				
Lead	2.7	0.50	2.50	0.18	102	80 - 120			
Matrix Spike Dup (B2A0291-MSD1)		**Source: 1100842-86**			Prepared: 1/11/2012 Analyzed: 1/11/2012				
Lead	2.8	0.50	2.50	0.18	105	80 - 120	2.15	20	
Batch S2A0114 - B2A0291									
Instrument Blank (S2A0114-IBL1)					Prepared: 1/11/2012 Analyzed: 1/11/2012				
Lead	ND	0.50			NR				

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/13/2012

Notes and Definitions

ND	Analyte not detected at or above reporting limit
PQL	Practical Quantitation Limit
MDL	Method Detection Limit
NR	Not Reported
RPD	Relative Percent Difference

Diane Galvan

From: Luann Beadle [beadle@geoconinc.com]
Sent: Tuesday, January 10, 2012 1:51 PM
To: Diane Galvan
Subject: FW: TO-16 Lab Result 1200023 - Run Soluble Metals

Hi Diane,
Forwarded from Caltrans. Expedited TAT, please.
Thank you,
Luann

Please run soluble metals for the following:

File 1200023.xls
WET:

Sample Name	Lab Sample ID	Matrix	Analyte
G121-0.5	1200023-10	Soil	Lead
G152-0.5	1200023-20	Soil	Lead
G134-0	1200023-01	Soil	Lead
G134-0.5	1200023-02	Soil	Lead
G121-0	1200023-09	Soil	Lead
G134-1.5	1200023-03	Soil	Lead
G159-0	1200023-27	Soil	Lead
G152-0	1200023-19	Soil	Lead

TCLP:

Sample Name	Lab Sample ID	Matrix	Analyte
G159-0.5	1200023-28	Soil	Lead

ADVANCED TECHNOLOGY LABORATORIES

January 20, 2012

ELAP No.: 1838
NELAP No.: 02107CA
CSDLAC No.: 10196
ORELAP No.: CA300003

Luann Beadle
Geocon Consultants, Inc.
6671 Brisa Street
Livermore, CA 94550
Tel: (925) 371-5900
Fax:(925) 371-5915

Re: ATL Work Order Number : 1200023
Client Reference : TO-16, E8560-06-16

Enclosed are the results for sample(s) received on January 05, 2012 by Advanced Technology Laboratories. The sample(s) are tested for the parameters as indicated on the enclosed chain of custody in accordance with applicable laboratory certifications. The laboratory results contained in this report specifically pertains to the sample(s) submitted.

Thank you for the opportunity to serve the needs of your company. If you have any questions, please feel free to contact me or your Project Manager.

Sincerely,

Eddie Rodriguez
Laboratory Director

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Geocon Consultants, Inc.	Project Number : TO-16, E8560-06-16
6671 Brisa Street	Report To : Luann Beadle
Livermore , CA 94550	Reported : 01/20/2012

SUMMARY OF SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
G152-0	1200023-19	Soil	1/04/12 10:45	1/05/12 8:09
G159-0.5	1200023-28	Soil	1/04/12 11:11	1/05/12 8:09

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/20/2012

STLC Lead by AA (Direct Aspiration) by EPA 7420

Analyte: Lead **Analyst: VV**

Laboratory ID	Client Sample ID	Result	Units	PQL	MDL	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1200023-28	G159-0.5	**25**	mg/L	2.5	NA	5	B2A0459	01/18/2012	01/20/12 12:34	

STLC-DI Lead by AA (Direct Aspiration) EPA 7420

Analyte: Lead **Analyst: SB**

Laboratory ID	Client Sample ID	Result	Units	PQL	MDL	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1200023-19	G152-0	**ND**	mg/L	0.50	NA	1	B2A0463	01/18/2012	01/20/12 14:48	

Geocon Consultants, Inc.	Project Number : TO-16, E8560-06-16
6671 Brisa Street	Report To : Luann Beadle
Livermore , CA 94550	Reported : 01/20/2012

QUALITY CONTROL SECTION

STLC Lead by AA (Direct Aspiration) by EPA 7420 - Quality Control

Analyte	Result (mg/L)	PQL (mg/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0459 - STLC Extraction									
LCS (B2A0459-BS1)					Prepared: 1/18/2012 Analyzed: 1/20/2012				
Lead	4.9	0.05	5.00		98.8	80 - 120			
Duplicate (B2A0459-DUP1)		**Source: 1100837-CN**			Prepared: 1/18/2012 Analyzed: 1/20/2012				
Lead	2.9	0.50		2.9	NR		0.613	20	
Matrix Spike (B2A0459-MS1)		**Source: 1100837-CN**			Prepared: 1/18/2012 Analyzed: 1/20/2012				
Lead	8.0	0.05	5.00	2.9	102	80 - 120			
Matrix Spike (B2A0459-MS2)		**Source: 1200023-28**			Prepared: 1/18/2012 Analyzed: 1/20/2012				
Lead	31	0.25	5.00	25	124	80 - 120			M1
Matrix Spike Dup (B2A0459-MSD1)		**Source: 1100837-CN**			Prepared: 1/18/2012 Analyzed: 1/20/2012				
Lead	8.1	0.05	5.00	2.9	104	80 - 120	0.964	20	
Batch S2A0236 - B2A0475									
Instrument Blank (S2A0236-IBL1)					Prepared: 1/20/2012 Analyzed: 1/20/2012				
Lead	ND	0.50			NR				

Geocon Consultants, Inc.	Project Number : TO-16, E8560-06-16
6671 Brisa Street	Report To : Luann Beadle
Livermore , CA 94550	Reported : 01/20/2012

STLC-DI Lead by AA (Direct Aspiration) EPA 7420 - Quality Control

Analyte	Result (mg/L)	PQL (mg/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0463 - STLC DI Extraction									
Blank (B2A0463-BLK1)					Prepared: 1/18/2012 Analyzed: 1/20/2012				
Lead	ND	0.50			NR				
LCS (B2A0463-BS1)					Prepared: 1/18/2012 Analyzed: 1/20/2012				
Lead	5.3	0.05	5.00		106	80 - 120			
Duplicate (B2A0463-DUP1)		**Source: 1200023-19**			Prepared: 1/18/2012 Analyzed: 1/20/2012				
Lead	ND	0.50		ND	NR			20	
Matrix Spike (B2A0463-MS1)		**Source: 1200023-19**			Prepared: 1/18/2012 Analyzed: 1/20/2012				
Lead	5.4	0.05	5.00	ND	108	80 - 120			
Matrix Spike Dup (B2A0463-MSD1)		**Source: 1200023-19**			Prepared: 1/18/2012 Analyzed: 1/20/2012				
Lead	5.4	0.05	5.00	ND	108	80 - 120	0.139	20	
Batch S2A0239 - B2A0463									
Instrument Blank (S2A0239-IBL1)					Prepared: 1/20/2012 Analyzed: 1/20/2012				
Lead	ND	0.50			NR				

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Luann Beadle
Livermore , CA 94550		Reported :	01/20/2012

Notes and Definitions

M1	Matrix spike recovery outside of acceptance limit. The analytical batch was validated by the laboratory control sample.
ND	Analyte not detected at or above reporting limit
PQL	Practical Quantitation Limit
MDL	Method Detection Limit
NR	Not Reported
RPD	Relative Percent Difference

Diane Galvan

From: Luann Beadle [beadle@geoconinc.com]
Sent: Tuesday, January 17, 2012 10:06 AM
To: Diane Galvan
Subject: Additional Results/EDD - TO-16 (1200023add1.xls)
Attachments: 1200023add1.pdf; 1200023add1.xls

Good morning, Diane. Please run the following per Caltrans on an expedited TAT.
Thank you,
Luann

Run DI-WET for the following:

Sample Name	Lab Sample ID	Analyte
G152-0	1200023-19	Lead

Diane Galvan

From: Luann Beadle [beadle@geoconinc.com]
Sent: Tuesday, January 17, 2012 3:51 PM
To: Diane Galvan
Subject: TO-16 Lab Result 1200023 - Run Soluble Metals

Hi Diane,
Per Caltrans as mentioned earlier, here are additional analyses to run. Expedited TAT, please. Three more e-mails to follow.
Thank you,
Luann

As discussed, please run WET for the sample below.

Sample Name	Lab Sample ID	Analyte
G159-0.5	1200023-28	Lead

ADVANCED TECHNOLOGY LABORATORIES

January 24, 2012

ELAP No.: 1838
NELAP No.: 02107CA
CSDLAC No.: 10196
ORELAP No.: CA300003

Rick Day
Geocon Consultants, Inc.
6671 Brisa Street
Livermore, CA 94550
Tel: (925) 371-5900
Fax:(925) 371-5915

Re: ATL Work Order Number : 1200240
Client Reference : TO-16, E8560-06-16

Enclosed are the results for sample(s) received on January 23, 2012 by Advanced Technology Laboratories. The sample(s) are tested for the parameters as indicated on the enclosed chain of custody in accordance with applicable laboratory certifications. The laboratory results contained in this report specifically pertains to the sample(s) submitted.

Thank you for the opportunity to serve the needs of your company. If you have any questions, please feel free to contact me or your Project Manager.

Sincerely,

Eddie Rodriguez
Laboratory Director

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Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Rick Day
Livermore , CA 94550		Reported :	01/24/2012

SUMMARY OF SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
G370-0	1200240-01	Soil	1/20/12 0:00	1/23/12 9:00
G370-0.5	1200240-02	Soil	1/20/12 0:00	1/23/12 9:00
G370-1.5	1200240-03	Soil	1/20/12 0:00	1/23/12 9:00
G370-2.5	1200240-04	Soil	1/20/12 0:00	1/23/12 9:00
G335-0	1200240-05	Soil	1/20/12 0:00	1/23/12 9:00
G335-0.5	1200240-06	Soil	1/20/12 0:00	1/23/12 9:00
G336-0	1200240-07	Soil	1/20/12 0:00	1/23/12 9:00
G336-0.5	1200240-08	Soil	1/20/12 0:00	1/23/12 9:00
G337-0	1200240-09	Soil	1/20/12 0:00	1/23/12 9:00
G337-0.5	1200240-10	Soil	1/20/12 0:00	1/23/12 9:00
G338-0	1200240-11	Soil	1/20/12 0:00	1/23/12 9:00
G338-0.5	1200240-12	Soil	1/20/12 0:00	1/23/12 9:00
G339-0	1200240-13	Soil	1/20/12 0:00	1/23/12 9:00
G339-0.5	1200240-14	Soil	1/20/12 0:00	1/23/12 9:00
G340-0	1200240-15	Soil	1/20/12 0:00	1/23/12 9:00
G340-0.5	1200240-16	Soil	1/20/12 0:00	1/23/12 9:00

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Rick Day
Livermore , CA 94550		Reported :	01/24/2012

Lead by ICP-AES EPA 6010B

Analyte: Lead **Analyst: KK**

Laboratory ID	Client Sample ID	Result	Units	PQL	MDL	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1200240-01	G370-0	**7.9**	mg/kg	1.0	NA	1	B2A0550	01/23/2012	01/23/12 15:44	
1200240-02	G370-0.5	**7.4**	mg/kg	1.0	NA	1	B2A0550	01/23/2012	01/23/12 16:03	
1200240-03	G370-1.5	**4.6**	mg/kg	1.0	NA	1	B2A0550	01/23/2012	01/23/12 16:04	
1200240-04	G370-2.5	**5.8**	mg/kg	1.0	NA	1	B2A0550	01/23/2012	01/23/12 16:05	
1200240-05	G335-0	**3.4**	mg/kg	1.0	NA	1	B2A0550	01/23/2012	01/23/12 16:05	
1200240-06	G335-0.5	**160**	mg/kg	1.0	NA	1	B2A0550	01/23/2012	01/23/12 16:06	
1200240-07	G336-0	**3.5**	mg/kg	1.0	NA	1	B2A0550	01/23/2012	01/23/12 16:07	
1200240-08	G336-0.5	**160**	mg/kg	1.0	NA	1	B2A0550	01/23/2012	01/23/12 16:07	
1200240-09	G337-0	**5.1**	mg/kg	1.0	NA	1	B2A0550	01/23/2012	01/23/12 16:08	
1200240-10	G337-0.5	**140**	mg/kg	1.0	NA	1	B2A0550	01/23/2012	01/23/12 16:09	
1200240-11	G338-0	**4.1**	mg/kg	1.0	NA	1	B2A0550	01/23/2012	01/23/12 16:09	
1200240-12	G338-0.5	**130**	mg/kg	1.0	NA	1	B2A0550	01/23/2012	01/23/12 16:15	
1200240-13	G339-0	**3.1**	mg/kg	1.0	NA	1	B2A0550	01/23/2012	01/23/12 16:15	
1200240-14	G339-0.5	**150**	mg/kg	1.0	NA	1	B2A0550	01/23/2012	01/23/12 16:16	
1200240-15	G340-0	**6.6**	mg/kg	1.0	NA	1	B2A0550	01/23/2012	01/23/12 16:17	
1200240-16	G340-0.5	**13**	mg/kg	1.0	NA	1	B2A0550	01/23/2012	01/23/12 16:18	

Hexavalent Chromium by EPA 7196A/3060A

Analyte: Hexavalent Chromium **Analyst: AG**

Laboratory ID	Client Sample ID	Result	Units	PQL	MDL	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1200240-05	G335-0	**ND**	mg/kg	1.0	NA	1	B2A0571	01/23/2012	01/24/12 06:25	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Rick Day
Livermore , CA 94550		Reported :	01/24/2012

pH by EPA 9045C

Analyte: pH **Analyst: LA**

Laboratory ID	Client Sample ID	Result	Units	PQL	MDL	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1200240-05	G335-0	**8.2**	pH Units	0.10	NA	1	B2A0563	01/23/2012	01/23/12 15:07	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Rick Day
Livermore , CA 94550		Reported :	01/24/2012

QUALITY CONTROL SECTION

Lead by ICP-AES EPA 6010B - Quality Control

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0550 - EPA 3050 Modified									
Blank (B2A0550-BLK1)					Prepared: 1/23/2012 Analyzed: 1/23/2012				
Lead	ND	1.0			NR				
Blank (B2A0550-BLK2)					Prepared: 1/23/2012 Analyzed: 1/23/2012				
Lead	ND	1.0			NR				
LCS (B2A0550-BS1)					Prepared: 1/23/2012 Analyzed: 1/23/2012				
Lead	260	1.0	250		102	80 - 120			
Duplicate (B2A0550-DUP1)		**Source: 1200240-16**			Prepared: 1/23/2012 Analyzed: 1/23/2012				
Lead	14	1.0		13	NR		8.98	20	
Duplicate (B2A0550-DUP2)		**Source: 1200240-09**			Prepared: 1/23/2012 Analyzed: 1/23/2012				
Lead	5.5	1.0		5.1	NR		8.37	20	
Matrix Spike (B2A0550-MS1)		**Source: 1200240-16**			Prepared: 1/23/2012 Analyzed: 1/23/2012				
Lead	240	1.0	250	13	89.3	46 - 116			
Matrix Spike (B2A0550-MS2)		**Source: 1200240-09**			Prepared: 1/23/2012 Analyzed: 1/23/2012				
Lead	230	1.0	250	5.1	88.0	46 - 116			
Matrix Spike Dup (B2A0550-MSD1)		**Source: 1200240-16**			Prepared: 1/23/2012 Analyzed: 1/23/2012				
Lead	240	1.0	250	13	92.4	46 - 116	3.15	20	

Geocon Consultants, Inc.	Project Number : TO-16, E8560-06-16
6671 Brisa Street	Report To : Rick Day
Livermore , CA 94550	Reported : 01/24/2012

Hexavalent Chromium by EPA 7196A/3060A - Quality Control

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0571 - Prep_WC_3_S									
Blank (B2A0571-BLK1)					Prepared: 1/23/2012 Analyzed: 1/24/2012				
Hexavalent Chromium	ND	1.0			NR				
LCS (B2A0571-BS1)					Prepared: 1/23/2012 Analyzed: 1/24/2012				
Hexavalent Chromium	46	1.0	50.0		93	80 - 120			
Duplicate (B2A0571-DUP1)		**Source: 1200240-05**			Prepared: 1/23/2012 Analyzed: 1/24/2012				
Hexavalent Chromium	0.70	1.0		0.60	NR		15	20	
Matrix Spike (B2A0571-MS1)		**Source: 1200240-05**			Prepared: 1/23/2012 Analyzed: 1/24/2012				
Hexavalent Chromium	45	1.0	50.0	0.60	89	75 - 125			
Matrix Spike (B2A0571-MS2)		**Source: 1200240-05**			Prepared: 1/23/2012 Analyzed: 1/24/2012				
Hexavalent Chromium	1700	50	1610	0.60	103	75 - 125			
Matrix Spike Dup (B2A0571-MSD1)		**Source: 1200240-05**			Prepared: 1/23/2012 Analyzed: 1/24/2012				
Hexavalent Chromium	45	1.0	50.0	0.60	89	75 - 125	0.7	20	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Rick Day
Livermore , CA 94550		Reported :	01/24/2012

pH by EPA 9045C - Quality Control

Analyte	Result (pH Units)	PQL (pH Units)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0563 - Prep_WC_1_S									
Duplicate (B2A0563-DUP1)		**Source: 1200240-05**			Prepared: 1/23/2012 Analyzed: 1/23/2012				
pH	8.3	0.10		8.2	NR		0.9	20	

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Rick Day
Livermore , CA 94550		Reported :	01/24/2012

Notes and Definitions

ND	Analyte not detected at or above reporting limit
PQL	Practical Quantitation Limit
MDL	Method Detection Limit
NR	Not Reported
RPD	Relative Percent Difference

1 of 1

CHAIN OF CUSTODY RECORD

Advanced Technology Laboratories
3275 Walnut Avenue
Signal Hill, CA 90755
(562) 989-4045 • Fax (562) 989-4040

FOR LABORATORY USE ONLY:

P.O.#: _____
Logged By: _____ Date: _____

Method of Transport: Client ☐ ATL ☐ CA OverN ☐ FEDEX ☑ Other: _____

Sample Condition Upon Receipt
1. CHILLED Y☐ N☑ 4. SEALED Y☐ N☐
2. HEADSPACE (VOA) Y☐ N☐ 5. # OF SPLS MATCH COC Y☐ N☐
3. CONTAINER INTACT Y☐ N☐ 6. PRESERVED Y☐ N☐

Client: GEOCON CONSULTANTS, INC.
Attn: L. BEADLE
Address: 6671 Brisa Street
City: Livermore State: CA Zip Code: 94550
TEL: (925) 371-5900
FAX: (925) 371-5915

Project Name: TO-16 Project #: E8560-06-16 Sampler: (Printed Name) D. WATTS (Signature) Watts

Relinquished by: (Signature and Printed Name) Watts Date: 1/20/12 Time: 1830 Received by: (Signature and Printed Name) FED-EX Date: 1/20/12 Time: 1830
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) C. [illegible] Date: 1/21/12 Time: 900
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:

I hereby authorize ATL to perform the work indicated below:
Project Mgr / Submitter: D. WATTS 1/20/12 (Print Name, Date)
Signature: Watts

Send Report To: Attn: _____ Co: SAME AS ABOVE Address _____ City _____ State _____ Zip _____

Bill To: Attn: _____ Co: SAME AS ABOVE Address _____ City _____ State _____ Zip _____

Special Instructions/Comments:
DO NOT Composite Sample SETS
* Analyze G335-0 for pH + Cr_6 (HEX Cr)

Sample/Records - Archival & Disposal
Unless otherwise requested by client, all samples will be disposed 45 days after receipt and records will be disposed 1 year after submittal of final report.

Storage Fees (applies when storage is requested):
- Sample : $2.00 / sample / mo (after 45 days)
- Records : $1.00 / ATL workorder / mo (after 1 year)

Circle or Add Analysis(es) Requested: 8081A (Pesticides), 8082 (PCB), 8260B (Volatiles), 8270C (BNA), 6010B (Total Metal) – Pb, 8015B (GRO) / BTEX, 8015B (DRO), 8021 (BTEX), TITLE 22 / CAM 17 (6010 / 7000)

SPECIFY APPROPRIATE MATRIX: SOIL, WATER, GROUND WATER, WASTEWATER

QA/QC: RTNE ☐ CT ☒ SWRCB ☐ Logcode _____ OTHER _____

ITEM	LAB USE ONLY: Batch #: / Lab No.	Sample Description: Sample I.D. / Location	Date	Time	8081A	8082	8260B	8270C	6010B (Pb)	8015B (GRO) / BTEX	8015B (DRO)	8021 (BTEX)	TITLE 22 / CAM 17	SOIL	WATER	GROUND WATER	WASTEWATER	TAT	Container(s) #	Type	PRESERVATION	REMARKS
	120240-1/4	G370-0, 0.5, 1.5, 2.5	1/20/12	VAP					X					X				24Hr	4	BP		
	-5/6	*G335-0, 0.5																	2	P		*
	7/8	G336-																				
	9/10	G337-																				
	11/12	G338-																				
	13/14	G339-																				
	15/16	G340-																				

• TAT starts 8 a.m. following day if samples received after 3 p.m.

TAT: A= Overnight ≤ 24 hr B= Emergency Next workday C= Critical 2 Workdays D= Urgent 3 Workdays E= Routine 7 Workdays

Preservatives: H=HCl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

DISTRIBUTION: White with report Yellow to folder Pink to submitter

ADVANCED TECHNOLOGY LABORATORIES

January 27, 2012

ELAP No.: 1838
NELAP No.: 02107CA
CSDLAC No.: 10196
ORELAP No.: CA300003

Rick Day
Geocon Consultants, Inc.
6671 Brisa Street
Livermore, CA 94550
Tel: (925) 371-5900
Fax:(925) 371-5915

Re: ATL Work Order Number : 1200240
Client Reference : TO-16, E8560-06-16

Enclosed are the results for sample(s) received on January 23, 2012 by Advanced Technology Laboratories. The sample(s) are tested for the parameters as indicated on the enclosed chain of custody in accordance with applicable laboratory certifications. The laboratory results contained in this report specifically pertains to the sample(s) submitted.

Thank you for the opportunity to serve the needs of your company. If you have any questions, please feel free to contact me or your Project Manager.

Sincerely,

Eddie Rodriguez
Laboratory Director

The cover letter and the case narrative are an integral part of this analytical report and its absence renders the report invalid. The report cannot be reproduced without written permission from the client and Advanced Technology Laboratories.

3275 Walnut Avenue, Signal Hill, CA 90755 • Tel: 562-989-4045 • Fax: 562-989-4040
www.atlglobal.com

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Rick Day
Livermore , CA 94550		Reported :	01/27/2012

SUMMARY OF SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
G335-0.5	1200240-06	Soil	1/20/12 0:00	1/23/12 9:00
G336-0.5	1200240-08	Soil	1/20/12 0:00	1/23/12 9:00
G337-0.5	1200240-10	Soil	1/20/12 0:00	1/23/12 9:00
G338-0.5	1200240-12	Soil	1/20/12 0:00	1/23/12 9:00
G339-0.5	1200240-14	Soil	1/20/12 0:00	1/23/12 9:00

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Rick Day
Livermore , CA 94550		Reported :	01/27/2012

STLC Lead by AA (Direct Aspiration) by EPA 7420

Analyte: Lead **Analyst: VV**

Laboratory ID	Client Sample ID	Result	Units	PQL	MDL	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1200240-06	G335-0.5	**6.1**	mg/L	0.50	NA	1	B2A0708	01/27/2012	01/27/12 13:55	
1200240-08	G336-0.5	**4.7**	mg/L	0.50	NA	1	B2A0708	01/27/2012	01/27/12 13:55	
1200240-10	G337-0.5	**5.6**	mg/L	0.50	NA	1	B2A0708	01/27/2012	01/27/12 13:55	
1200240-12	G338-0.5	**5.0**	mg/L	0.50	NA	1	B2A0708	01/27/2012	01/27/12 13:56	
1200240-14	G339-0.5	**6.4**	mg/L	0.50	NA	1	B2A0708	01/27/2012	01/27/12 13:56	

Geocon Consultants, Inc.	Project Number : TO-16, E8560-06-16
6671 Brisa Street	Report To : Rick Day
Livermore , CA 94550	Reported : 01/27/2012

QUALITY CONTROL SECTION

STLC Lead by AA (Direct Aspiration) by EPA 7420 - Quality Control

Analyte	Result (mg/L)	PQL (mg/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0708 - STLC Extraction									
Blank (B2A0708-BLK1)					Prepared: 1/27/2012 Analyzed: 1/27/2012				
Lead	ND	0.50			NR				
Blank (B2A0708-BLK2)					Prepared: 1/27/2012 Analyzed: 1/27/2012				
Lead	ND	0.50			NR				
LCS (B2A0708-BS1)					Prepared: 1/27/2012 Analyzed: 1/27/2012				
Lead	5.0	0.50	5.00		101	80 - 120			
Duplicate (B2A0708-DUP1)		**Source: 1200155-47**			Prepared: 1/27/2012 Analyzed: 1/27/2012				
Lead	19	2.5		19	NR		2.54	20	
Duplicate (B2A0708-DUP2)		**Source: 1200240-14**			Prepared: 1/27/2012 Analyzed: 1/27/2012				
Lead	6.4	0.50		6.4	NR		0.0812	20	
Matrix Spike (B2A0708-MS1)		**Source: 1200155-47**			Prepared: 1/27/2012 Analyzed: 1/27/2012				
Lead	23	2.5	5.00	19	85.7	80 - 120			
Matrix Spike (B2A0708-MS2)		**Source: 1200240-14**			Prepared: 1/27/2012 Analyzed: 1/27/2012				
Lead	12	1.0	5.00	6.4	104	80 - 120			
Matrix Spike Dup (B2A0708-MSD1)		**Source: 1200155-47**			Prepared: 1/27/2012 Analyzed: 1/27/2012				
Lead	24	2.5	5.00	19	97.9	80 - 120	2.60	20	
Batch S2A0325 - B2A0708									
Instrument Blank (S2A0325-IBL1)					Prepared: 1/27/2012 Analyzed: 1/27/2012				
Lead	ND	0.50			NR				

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Rick Day
Livermore , CA 94550		Reported :	01/27/2012

Notes and Definitions

ND	Analyte not detected at or above reporting limit
PQL	Practical Quantitation Limit
MDL	Method Detection Limit
NR	Not Reported
RPD	Relative Percent Difference

Diane Galvan

From: Livermore Office [livermore@geoconinc.com]
Sent: Tuesday, January 24, 2012 2:57 PM
To: Diane Galvan
Cc: Luann Beadle
Subject: FW: FW: Results/EDD/Invoice - TO-16 (200240.xls)
Attachments: pic26834.jpg

Hi Diane - please see below request...

-----Original Message-----
From: Rowena Hollis [mailto:rowena_hollis@dot.ca.gov]
Sent: Tuesday, January 24, 2012 2:52 PM
To: Livermore Office
Cc: Chris Wilson
Subject: Re: FW: Results/EDD/Invoice - TO-16 (200240.xls)

Luann,

Please run soluble metals for the following:

File 200240.xls
WET:

Sample Name	Lab Sample ID	Analyte
G338-0.5	1200240-12	Lead
G337-0.5	1200240-10	Lead
G339-0.5	1200240-14	Lead
G335-0.5	1200240-06	Lead
G336-0.5	1200240-08	Lead

Thanks,

Rowena Hollis
Transportation Engineer

District Office of Environmental Engineering Division of Environmental Planning and Engineering
111 Grand Avenue, MS 8C
Oakland, CA 94612
(510) 286-5540

ADVANCED TECHNOLOGY LABORATORIES

February 02, 2012

ELAP No.: 1838
NELAP No.: 02107CA
CSDLAC No.: 10196
ORELAP No.: CA300003

Rick Day
Geocon Consultants, Inc.
6671 Brisa Street
Livermore, CA 94550
Tel: (925) 371-5900
Fax:(925) 371-5915

Re: ATL Work Order Number : 1200240
Client Reference : TO-16, E8560-06-16

Enclosed are the results for sample(s) received on January 23, 2012 by Advanced Technology Laboratories. The sample(s) are tested for the parameters as indicated on the enclosed chain of custody in accordance with applicable laboratory certifications. The laboratory results contained in this report specifically pertains to the sample(s) submitted.

Thank you for the opportunity to serve the needs of your company. If you have any questions, please feel free to contact me or your Project Manager.

Sincerely,

Eddie Rodriguez
Laboratory Director

The cover letter and the case narrative are an integral part of this analytical report and its absence renders the report invalid. The report cannot be reproduced without written permission from the client and Advanced Technology Laboratories.

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www.atlglobal.com

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Rick Day
Livermore , CA 94550		Reported :	02/02/2012

SUMMARY OF SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
G335-0.5	1200240-06	Soil	1/20/12 0:00	1/23/12 9:00
G337-0.5	1200240-10	Soil	1/20/12 0:00	1/23/12 9:00
G338-0.5	1200240-12	Soil	1/20/12 0:00	1/23/12 9:00
G339-0.5	1200240-14	Soil	1/20/12 0:00	1/23/12 9:00

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Rick Day
Livermore , CA 94550		Reported :	02/02/2012

STLC-DI Lead by AA (Direct Aspiration) EPA 7420

Analyte: Lead **Analyst: VV**

Laboratory ID	Client Sample ID	Result	Units	PQL	MDL	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1200240-06	G335-0.5	**ND**	mg/L	0.50	NA	1	B2A0763	01/30/2012	02/02/12 11:51	
1200240-10	G337-0.5	**ND**	mg/L	0.50	NA	1	B2A0763	01/30/2012	02/02/12 11:51	
1200240-12	G338-0.5	**ND**	mg/L	0.50	NA	1	B2A0763	01/30/2012	02/02/12 11:52	
1200240-14	G339-0.5	**ND**	mg/L	0.50	NA	1	B2A0763	01/30/2012	02/02/12 11:52	

Geocon Consultants, Inc.	Project Number : TO-16, E8560-06-16
6671 Brisa Street	Report To : Rick Day
Livermore , CA 94550	Reported : 02/02/2012

QUALITY CONTROL SECTION

STLC-DI Lead by AA (Direct Aspiration) EPA 7420 - Quality Control

Analyte	Result (mg/L)	PQL (mg/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A0763 - STLC DI Extraction									
Blank (B2A0763-BLK1)					Prepared: 1/30/2012 Analyzed: 2/2/2012				
Lead	ND	0.50			NR				
LCS (B2A0763-BS1)					Prepared: 1/30/2012 Analyzed: 2/2/2012				
Lead	4.9	0.05	5.00		98.6	80 - 120			
Duplicate (B2A0763-DUP1)		**Source: 1200240-14**			Prepared: 1/30/2012 Analyzed: 2/2/2012				
Lead	0.08	0.50		0.11	NR		29.1	20	R
Matrix Spike (B2A0763-MS1)		**Source: 1200240-14**			Prepared: 1/30/2012 Analyzed: 2/2/2012				
Lead	5.0	0.05	5.00	0.11	97.5	80 - 120			
Matrix Spike Dup (B2A0763-MSD1)		**Source: 1200240-14**			Prepared: 1/30/2012 Analyzed: 2/2/2012				
Lead	5.0	0.05	5.00	0.11	96.9	80 - 120	0.562	20	
Batch S2B0026 - B2A0763									
Instrument Blank (S2B0026-IBL1)					Prepared: 2/2/2012 Analyzed: 2/2/2012				
Lead	ND	0.50			NR				

Geocon Consultants, Inc.		Project Number :	TO-16, E8560-06-16
6671 Brisa Street		Report To :	Rick Day
Livermore , CA 94550		Reported :	02/02/2012

Notes and Definitions

R	RPD value outside acceptance criteria. Calculation is based on raw values.
ND	Analyte not detected at or above reporting limit
PQL	Practical Quantitation Limit
MDL	Method Detection Limit
NR	Not Reported
RPD	Relative Percent Difference

Diane Galvan

From: Livermore Office [livermore@geoconinc.com]
Sent: Monday, January 30, 2012 10:15 AM
To: Diane Galvan
Subject: FW: Additional Results/EDD/Invoice - TO-16 (1200240.xls) - Run Soluble Metals

Hi Diane -

Please see below DI-WET request - same TAT as previous for TO-16.

Thanks,
Rick.

-----Original Message-----
From: Rowena Hollis [mailto:rowena_hollis@dot.ca.gov]
Sent: Monday, January 30, 2012 10:08 AM
To: Livermore Office
Cc: Chris Wilson
Subject: Additional Results/EDD/Invoice - TO-16 (1200240.xls) - Run Soluble Metals

Please run DI-WET for the samples below.

File 1200240.xls

Sample Name	Lab Sample ID	Analyte
G338-0.5	1200240-12	Lead
G337-0.5	1200240-10	Lead
G335-0.5	1200240-06	Lead
G339-0.5	1200240-14	Lead

Thank you,

Rowena Hollis
Transportation Engineer

District Office of Environmental Engineering Division of Environmental Planning and Engineering
111 Grand Avenue, MS 8C
Oakland, CA 94612
(510) 286-5540

APPENDIX C

Dataset 1

Number of Valid Observations	12
Number of Distinct Observations	12
Minimum	11
Maximum	3100
Mean	612.5
Median	182
SD	995.1
Variance	990126
Coefficient of Variation	1.625
Skewness	2.016
Mean of log data	5.051
SD of log data	1.886
90% Standard Bootstrap UCL	**965.3**
95% Standard Bootstrap UCL	**1073**

Dataset 2

Number of Valid Observations	5
Number of Distinct Observations	4
Minimum	110
Maximum	250
Mean	164
Median	160
SD	52.25
Variance	2730
Coefficient of Variation	0.319
Skewness	1.357
Mean of log data	5.063
SD of log data	0.299
90% Standard Bootstrap UCL	**190.9**
95% Standard Bootstrap UCL	**199**

Dataset 3

Number of Valid Observations	2
Number of Distinct Observations	2
Minimum	20
Maximum	250

Dataset 4

Number of Valid Observations	12
Number of Distinct Observations	11
Minimum	38
Maximum	260
Mean	74
Median	58.5
SD	59.53
Variance	3544
Coefficient of Variation	0.804
Skewness	3.269
Mean of log data	4.155
SD of log data	0.482
90% Standard Bootstrap UCL	**95.51**
95% Standard Bootstrap UCL	**101**

Dataset 5-0 (0 to 3)

Number of Valid Observations	21
Number of Distinct Observations	18
Minimum	0.5
Maximum	710
Mean	109.1
Median	31
SD	176.6
Variance	31200
Coefficient of Variation	1.62
Skewness	2.48
Mean of log data	3.377
SD of log data	1.98
90% Standard Bootstrap UCL	**158.1**
95% Standard Bootstrap UCL	**170**

Dataset 5-0.5 (0 to 3)

Number of Valid Observations	21
Number of Distinct Observations	9
Minimum	0.5
Maximum	26
Mean	2.652
Median	0.5
SD	5.685
Variance	32.32
Coefficient of Variation	2.143
Skewness	3.844
Mean of log data	0.0532
SD of log data	1.15
90% Standard Bootstrap UCL	**4.184**
95% Standard Bootstrap UCL	**4.665**

Dataset 5-1.5 (0 to 3)

Number of Valid Observations	21
Number of Distinct Observations	7
Minimum	0.5
Maximum	25
Mean	2.452
Median	0.5
SD	5.66
Variance	32.03
Coefficient of Variation	2.308
Skewness	3.65
Mean of log data	-0.103
SD of log data	1.121
90% Standard Bootstrap UCL	**3.993**
95% Standard Bootstrap UCL	**4.4**

Dataset 5-2.5 (0 to 3)

Number of Valid Observations	21
Number of Distinct Observations	9
Minimum	0.5
Maximum	15
Mean	2.419
Median	0.5
SD	3.927
Variance	15.42
Coefficient of Variation	1.623
Skewness	2.299
Mean of log data	0.0532
SD of log data	1.156
90% Standard Bootstrap UCL	**3.482**
95% Standard Bootstrap UCL	**3.76**

Dataset 5-0 (3 to 6)

Number of Valid Observations	16
Number of Distinct Observations	14
Minimum	0.5
Maximum	690
Mean	138.2
Median	26.5
SD	234.6
Variance	55023
Coefficient of Variation	1.697
Skewness	1.866
Mean of log data	3.253
SD of log data	2.227
90% Standard Bootstrap UCL	**211.8**
95% Standard Bootstrap UCL	**233**

Dataset 5-0.5 (3 to 6)

Number of Valid Observations	16
Number of Distinct Observations	15
Minimum	0.5
Maximum	86
Mean	20.09
Median	8.65
SD	26.15
Variance	683.6
Coefficient of Variation	1.301
Skewness	1.89
Mean of log data	2.13
SD of log data	1.544
90% Standard Bootstrap UCL	**28.21**
95% Standard Bootstrap UCL	**30.5**

Dataset 5-1.5 (3 to 6)

Number of Valid Observations	16
Number of Distinct Observations	15
Minimum	2.5
Maximum	120
Mean	34.99
Median	20
SD	36.11
Variance	1304
Coefficient of Variation	1.032
Skewness	1.401
Mean of log data	3.054
SD of log data	1.072
90% Standard Bootstrap UCL	**45.91**
95% Standard Bootstrap UCL	**50**

Dataset 5-2.5 (3 to 6)

Number of Valid Observations	16
Number of Distinct Observations	16
Minimum	1.6
Maximum	540
Mean	68.34
Median	23.5
SD	142.2
Variance	20219
Coefficient of Variation	2.081
Skewness	2.979
Mean of log data	3.013
SD of log data	1.524
90% Standard Bootstrap UCL	**112.3**
95% Standard Bootstrap UCL	**126**

Dataset 5-0 (6 to 9)

Number of Valid Observations	13
Number of Distinct Observations	13
Minimum	3.5
Maximum	190
Mean	31.42
Median	18
SD	48.63
Variance	2365
Coefficient of Variation	1.548
Skewness	3.355
Mean of log data	2.919
SD of log data	0.951
90% Standard Bootstrap UCL	**48.18**
95% Standard Bootstrap UCL	**52.4**

Dataset 5-0.5 (6 to 9)

Number of Valid Observations	13
Number of Distinct Observations	12
Minimum	8.5
Maximum	38
Mean	18.46
Median	14
SD	10.16
Variance	103.3
Coefficient of Variation	0.551
Skewness	0.851
Mean of log data	2.783
SD of log data	0.528
90% Standard Bootstrap UCL	**21.91**
95% Standard Bootstrap UCL	**22.9**

Dataset 5-1.5 (6 to 9)

Number of Valid Observations	13
Number of Distinct Observations	12
Minimum	5.9
Maximum	150
Mean	38.9
Median	11
SD	52.1
Variance	2714
Coefficient of Variation	1.339
Skewness	1.593
Mean of log data	2.941
SD of log data	1.174
90% Standard Bootstrap UCL	**56.29**
95% Standard Bootstrap UCL	**61.5**

Dataset 5-2.5 (6 to 9)

Number of Valid Observations	13
Number of Distinct Observations	13
Minimum	6.3
Maximum	210
Mean	41.19
Median	18
SD	56.94
Variance	3242
Coefficient of Variation	1.382
Skewness	2.554
Mean of log data	3.109
SD of log data	1.085
90% Standard Bootstrap UCL	**60.32**
95% Standard Bootstrap UCL	**66.9**

Dataset 5-0 (>9)

Number of Valid Observations	14
Number of Distinct Observations	14
Minimum	7.3
Maximum	100
Mean	44.21
Median	32
SD	33.57
Variance	1127
Coefficient of Variation	0.759
Skewness	0.68
Mean of log data	3.466
SD of log data	0.891
90% Standard Bootstrap UCL	**55.36**
95% Standard Bootstrap UCL	**58.5**

Dataset 5-0.5 (>9)

Number of Valid Observations	14
Number of Distinct Observations	13
Minimum	7.5
Maximum	140
Mean	54.16
Median	49.5
SD	43.24
Variance	1869
Coefficient of Variation	0.798
Skewness	0.646
Mean of log data	3.579
SD of log data	1.045
90% Standard Bootstrap UCL	**68**
95% Standard Bootstrap UCL	**72.3**

Dataset 5-1.5 (>9)

Number of Valid Observations	14
Number of Distinct Observations	14
Minimum	6.3
Maximum	130
Mean	41.24
Median	30.5
SD	37.84
Variance	1432
Coefficient of Variation	0.918
Skewness	1.493
Mean of log data	3.344
SD of log data	0.921
90% Standard Bootstrap UCL	**53.82**
95% Standard Bootstrap UCL	**57.2**

Dataset 5-2.5 (>9)

Number of Valid Observations	14
Number of Distinct Observations	14
Minimum	0.5
Maximum	170
Mean	41.47
Median	17
SD	56.5
Variance	3192
Coefficient of Variation	1.362
Skewness	1.759
Mean of log data	2.76
SD of log data	1.641
90% Standard Bootstrap UCL	**60.21**
95% Standard Bootstrap UCL	**65.2**

Dataset 6

Number of Valid Observations	12
Number of Distinct Observations	11
Minimum	18
Maximum	430
Mean	196.6
Median	205
SD	113
Variance	12770
Coefficient of Variation	0.575
Skewness	0.382
Mean of log data	5.03
SD of log data	0.889
90% Standard Bootstrap UCL	**236.2**
95% Standard Bootstrap UCL	**248**

Dataset 7

Number of Valid Observations	8
Number of Distinct Observations	8
Minimum	1.4
Maximum	34
Mean	11.54
Median	9.3
SD	9.653
Variance	93.18
Coefficient of Variation	0.837
Skewness	2.149
Mean of log data	2.157
SD of log data	0.88
90% Standard Bootstrap UCL	**15.6**
95% Standard Bootstrap UCL	**16.9**

Dataset 8-0

Number of Valid Observations	10
Number of Distinct Observations	10
Minimum	4.4
Maximum	560
Mean	117.7
Median	55
SD	174.1
Variance	30320
Coefficient of Variation	1.48
Skewness	2.197
Mean of log data	3.732
SD of log data	1.632
90% Standard Bootstrap UCL	**184.3**
95% Standard Bootstrap UCL	**203**

Dataset 8-0.5

Number of Valid Observations	10
Number of Distinct Observations	10
Minimum	1.1
Maximum	39
Mean	11.04
Median	7.1
SD	11.85
Variance	140.3
Coefficient of Variation	1.073
Skewness	1.743
Mean of log data	1.896
SD of log data	1.1
90% Standard Bootstrap UCL	**15.6**
95% Standard Bootstrap UCL	**17**

Dataset 8-1.5

Number of Valid Observations	10
Number of Distinct Observations	7
Minimum	0.5
Maximum	29
Mean	9.02
Median	3.75
SD	10.33
Variance	106.7
Coefficient of Variation	1.145
Skewness	0.92
Mean of log data	1.202
SD of log data	1.69
90% Standard Bootstrap UCL	**13.01**
95% Standard Bootstrap UCL	**14**

Dataset 8-2.5

Number of Valid Observations	10
Number of Distinct Observations	7
Minimum	0.5
Maximum	130
Mean	19.46
Median	8.55
SD	39.2
Variance	1537
Coefficient of Variation	2.014
Skewness	3.054
Mean of log data	1.669
SD of log data	1.822
90% Standard Bootstrap UCL	**34.55**
95% Standard Bootstrap UCL	**38.5**

Dataset 9

Number of Valid Observations	12
Number of Distinct Observations	11
Minimum	7.1
Maximum	95
Mean	29.59
Median	20.5
SD	24.58
Variance	604.4
Coefficient of Variation	0.831
Skewness	2.07
Mean of log data	3.153
SD of log data	0.683
90% Standard Bootstrap UCL	**38.09**
95% Standard Bootstrap UCL	**40.5**

Dataset 10

Number of Valid Observations	12
Number of Distinct Observations	10
Minimum	8.7
Maximum	81
Mean	34.39
Median	26.5
SD	22.06
Variance	486.6
Coefficient of Variation	0.641
Skewness	1.122
Mean of log data	3.352
SD of log data	0.65
90% Standard Bootstrap UCL	**42.36**
95% Standard Bootstrap UCL	**44.8**

Dataset 11

Number of Valid Observations	12
Number of Distinct Observations	12
Minimum	32
Maximum	670
Mean	190.6
Median	140
SD	182.8
Variance	33410
Coefficient of Variation	0.959
Skewness	1.844
Mean of log data	4.868
SD of log data	0.923
90% Standard Bootstrap UCL	**256.4**
95% Standard Bootstrap UCL	**273**

Dataset 12

Number of Valid Observations	6
Number of Distinct Observations	6
Minimum	7.8
Maximum	15
Mean	10.43
Median	9.85
SD	2.474
Variance	6.123
Coefficient of Variation	0.237
Skewness	1.471
Mean of log data	2.324
SD of log data	0.22
90% Standard Bootstrap UCL	**11.62**
95% Standard Bootstrap UCL	**11.9**

Dataset 13

Number of Valid Observations	12
Number of Distinct Observations	12
Minimum	18
Maximum	290
Mean	165.2
Median	150
SD	100.2
Variance	10031
Coefficient of Variation	0.606
Skewness	-0.118
Mean of log data	4.822
SD of log data	0.925
90% Standard Bootstrap UCL	**200.7**
95% Standard Bootstrap UCL	**211.4**

Dataset 14

Number of Valid Observations	3
Number of Distinct Observations	3
Minimum	7.3
Maximum	69

Dataset 15

Number of Valid Observations	12
Number of Distinct Observations	12
Minimum	8.5
Maximum	460
Mean	164.8
Median	120
SD	156.3
Variance	24440
Coefficient of Variation	0.949
Skewness	0.917
Mean of log data	4.539
SD of log data	1.257
90% Standard Bootstrap UCL	**220.6**
95% Standard Bootstrap UCL	**236**

Dataset 16

Number of Valid Observations	8
Number of Distinct Observations	8
Minimum	0.5
Maximum	84
Mean	34
Median	19.5
SD	32.05
Variance	1028
Coefficient of Variation	0.943
Skewness	0.605
Mean of log data	2.801
SD of log data	1.669
90% Standard Bootstrap UCL	**47**
95% Standard Bootstrap UCL	**51.3**

Dataset 17

Number of Valid Observations	12
Number of Distinct Observations	12
Minimum	1.8
Maximum	220
Mean	53.68
Median	39
SD	58.28
Variance	3397
Coefficient of Variation	1.086
Skewness	2.383
Mean of log data	3.381
SD of log data	1.389
90% Standard Bootstrap UCL	**74.06**
95% Standard Bootstrap UCL	**80.3**

Dataset 18

Number of Valid Observations	12
Number of Distinct Observations	12
Minimum	2.6
Maximum	680
Mean	155.9
Median	58.5
SD	210.2
Variance	44189
Coefficient of Variation	1.348
Skewness	1.713
Mean of log data	3.941
SD of log data	1.807
90% Standard Bootstrap UCL	**230.2**
95% Standard Bootstrap UCL	**251**

Dataset 19

Number of Valid Observations	5
Number of Distinct Observations	5
Minimum	5.6
Maximum	52
Mean	17.34
Median	9.2
SD	19.51
Variance	380.8
Coefficient of Variation	1.125
Skewness	2.158
Mean of log data	2.489
SD of log data	0.863
90% Standard Bootstrap UCL	**27.37**
95% Standard Bootstrap UCL	**30**

Dataset 20

Number of Valid Observations	2
Number of Distinct Observations	2
Minimum	4.4
Maximum	47

Dataset 21

Number of Valid Observations	7
Number of Distinct Observations	7
Minimum	7.3
Maximum	100
Mean	22.49
Median	8.9
SD	34.35
Variance	1180
Coefficient of Variation	1.528
Skewness	2.594
Mean of log data	2.552
SD of log data	0.952
90% Standard Bootstrap UCL	**38.03**
95% Standard Bootstrap UCL	**42.29**

Dataset 22

Number of Valid Observations	8
Number of Distinct Observations	7
Minimum	6.4
Maximum	160
Mean	47.48
Median	13.2
SD	66.71
Variance	4450
Coefficient of Variation	1.405
Skewness	1.41
Mean of log data	2.989
SD of log data	1.357
90% Standard Bootstrap UCL	**76.71**
95% Standard Bootstrap UCL	**84.17**

Dataset 23

Number of Valid Observations	6
Number of Distinct Observations	6
Minimum	4.6
Maximum	120
Mean	37.6
Median	8.8
SD	49.13
Variance	2414
Coefficient of Variation	1.307
Skewness	1.282
Mean of log data	2.807
SD of log data	1.391
90% Standard Bootstrap UCL	**60.7**
95% Standard Bootstrap UCL	**67.6**

Dataset 24

Number of Valid Observations	12
Number of Distinct Observations	12
Minimum	3
Maximum	280
Mean	86.9
Median	65
SD	89.39
Variance	7990
Coefficient of Variation	1.029
Skewness	1.165
Mean of log data	3.787
SD of log data	1.401
90% Standard Bootstrap UCL	**118**
95% Standard Bootstrap UCL	**128**

Dataset 25

Number of Valid Observations	8
Number of Distinct Observations	8
Minimum	4.6
Maximum	140
Mean	32.11
Median	8.1
SD	47.04
Variance	2213
Coefficient of Variation	1.465
Skewness	2.162
Mean of log data	2.685
SD of log data	1.272
90% Standard Bootstrap UCL	**52.34**
95% Standard Bootstrap UCL	**57.3**

Dataset 26

Number of Valid Observations	12
Number of Distinct Observations	12
Minimum	7.1
Maximum	98
Mean	51.84
Median	51
SD	31.23
Variance	975.3
Coefficient of Variation	0.602
Skewness	0.0346
Mean of log data	3.697
SD of log data	0.84
90% Standard Bootstrap UCL	**63.03**
95% Standard Bootstrap UCL	**65.83**

Dataset 27

Number of Valid Observations	9
Number of Distinct Observations	9
Minimum	5.9
Maximum	380
Mean	58.56
Median	9.6
SD	123.1
Variance	15154
Coefficient of Variation	2.102
Skewness	2.788
Mean of log data	2.821
SD of log data	1.422
90% Standard Bootstrap UCL	**110**
95% Standard Bootstrap UCL	**123.6**

Dataset 28

Number of Valid Observations	8
Number of Distinct Observations	8
Minimum	5.2
Maximum	32
Mean	11.21
Median	7.85
SD	8.9
Variance	79.22
Coefficient of Variation	0.794
Skewness	2.305
Mean of log data	2.234
SD of log data	0.584
90% Standard Bootstrap UCL	**15**
95% Standard Bootstrap UCL	**16.1**

Dataset 29

Number of Valid Observations	12
Number of Distinct Observations	10
Minimum	4.2
Maximum	33
Mean	13.83
Median	11
SD	9.376
Variance	87.91
Coefficient of Variation	0.678
Skewness	1.168
Mean of log data	2.423
SD of log data	0.673
90% Standard Bootstrap UCL	**17.1**
95% Standard Bootstrap UCL	**18.1**

Dataset 30

Number of Valid Observations	12
Number of Distinct Observations	11
Minimum	6
Maximum	140
Mean	36.58
Median	25
SD	35.84
Variance	1284
Coefficient of Variation	0.98
Skewness	2.511
Mean of log data	3.292
SD of log data	0.79
90% Standard Bootstrap UCL	**49.48**
95% Standard Bootstrap UCL	**52.72**

Dataset 31

Number of Valid Observations	5
Number of Distinct Observations	4
Minimum	5.1
Maximum	16
Mean	9.82
Median	11
SD	4.412
Variance	19.46
Coefficient of Variation	0.449
Skewness	0.381
Mean of log data	2.198
SD of log data	0.474
90% Standard Bootstrap UCL	**12.13**
95% Standard Bootstrap UCL	**12.7**

Dataset 32

Number of Valid Observations	4
Number of Distinct Observations	4
Minimum	5
Maximum	8.6

Dataset 33

Number of Valid Observations	12
Number of Distinct Observations	12
Minimum	8.3
Maximum	79
Mean	28.83
Median	21.5
SD	23.1
Variance	533.6
Coefficient of Variation	0.801
Skewness	1.558
Mean of log data	3.113
SD of log data	0.716
90% Standard Bootstrap UCL	**36.88**
95% Standard Bootstrap UCL	**39.31**

Dataset 34

Number of Valid Observations	12
Number of Distinct Observations	11
Minimum	4.4
Maximum	590
Mean	106.1
Median	16.5
SD	172.7
Variance	29831
Coefficient of Variation	1.627
Skewness	2.342
Mean of log data	3.483
SD of log data	1.629
90% Standard Bootstrap UCL	**166.1**
95% Standard Bootstrap UCL	**184.1**

Dataset 35

Number of Valid Observations	5
Number of Distinct Observations	5
Minimum	19
Maximum	46
Mean	30.4
Median	27
SD	10.43
Variance	108.8
Coefficient of Variation	0.343
Skewness	0.813
Mean of log data	3.369
SD of log data	0.337
90% Standard Bootstrap UCL	**35.82**
95% Standard Bootstrap UCL	**36.96**

Dataset 36

Number of Valid Observations	8
Number of Distinct Observations	7
Minimum	5.4
Maximum	53
Mean	15.49
Median	11.3
SD	15.69
Variance	246.1
Coefficient of Variation	1.013
Skewness	2.465
Mean of log data	2.449
SD of log data	0.741
90% Standard Bootstrap UCL	**22.23**
95% Standard Bootstrap UCL	**24**

Dataset 37

Number of Valid Observations	7
Number of Distinct Observations	7
Minimum	7.4
Maximum	110
Mean	33.59
Median	11
SD	40.62
Variance	1650
Coefficient of Variation	1.21
Skewness	1.514
Mean of log data	2.944
SD of log data	1.095
90% Standard Bootstrap UCL	**51.66**
95% Standard Bootstrap UCL	**56.7**

Dataset 38

Number of Valid Observations	12
Number of Distinct Observations	11
Minimum	4.2
Maximum	1500
Mean	268.3
Median	53.5
SD	491.9
Variance	242003
Coefficient of Variation	1.834
Skewness	2.145
Mean of log data	4.284
SD of log data	1.666
90% Standard Bootstrap UCL	**441**
95% Standard Bootstrap UCL	**490**

Dataset 39

Number of Valid Observations	12
Number of Distinct Observations	12
Minimum	11
Maximum	220
Mean	85.75
Median	63.5
SD	67.72
Variance	4585
Coefficient of Variation	0.79
Skewness	1.189
Mean of log data	4.166
SD of log data	0.824
90% Standard Bootstrap UCL	**110**
95% Standard Bootstrap UCL	**116.9**

Dataset 40

Number of Valid Observations	8
Number of Distinct Observations	8
Minimum	5
Maximum	23
Mean	13.04
Median	12
SD	5.831
Variance	34.01
Coefficient of Variation	0.447
Skewness	0.45
Mean of log data	2.472
SD of log data	0.485
90% Standard Bootstrap UCL	**15.52**
95% Standard Bootstrap UCL	**16.25**

Dataset 41

Number of Valid Observations	8
Number of Distinct Observations	8
Minimum	7.8
Maximum	240
Mean	45.74
Median	13
SD	80.02
Variance	6403
Coefficient of Variation	1.75
Skewness	2.635
Mean of log data	3
SD of log data	1.182
90% Standard Bootstrap UCL	**79.84**
95% Standard Bootstrap UCL	**88.8**

Dataset 42

Number of Valid Observations	4
Number of Distinct Observations	4
Minimum	7.8
Maximum	30

Dataset 43

Number of Valid Observations	12
Number of Distinct Observations	12
Minimum	6.3
Maximum	210
Mean	80.61
Median	66.5
SD	65.88
Variance	4340
Coefficient of Variation	0.817
Skewness	0.851
Mean of log data	3.991
SD of log data	1.04
90% Standard Bootstrap UCL	**103.9**
95% Standard Bootstrap UCL	**111**

Dataset 44

Number of Valid Observations	4
Number of Distinct Observations	4
Minimum	11
Maximum	110

Dataset 45

Number of Valid Observations	12
Number of Distinct Observations	8
Minimum	67
Maximum	260
Mean	160.9
Median	140
SD	65.46
Variance	4285
Coefficient of Variation	0.407
Skewness	0.155
Mean of log data	4.996
SD of log data	0.447
90% Standard Bootstrap UCL	**183.8**
95% Standard Bootstrap UCL	**190.8**

Dataset 46

Number of Valid Observations	12
Number of Distinct Observations	12
Minimum	8.3
Maximum	890
Mean	171.1
Median	57.5
SD	277.4
Variance	76966
Coefficient of Variation	1.621
Skewness	2.163
Mean of log data	4.113
SD of log data	1.501
90% Standard Bootstrap UCL	**270.8**
95% Standard Bootstrap UCL	**296**

Dataset 47

Number of Valid Observations	4
Number of Distinct Observations	4
Minimum	6.3
Maximum	50

Dataset 48

Number of Valid Observations	12
Number of Distinct Observations	12
Minimum	2.7
Maximum	89
Mean	30.4
Median	28
SD	23.74
Variance	563.7
Coefficient of Variation	0.781
Skewness	1.309
Mean of log data	3.073
SD of log data	0.965
90% Standard Bootstrap UCL	**39.04**
95% Standard Bootstrap UCL	**41.17**

Dataset 49

Number of Valid Observations	12
Number of Distinct Observations	12
Minimum	6.6
Maximum	120
Mean	49.36
Median	40.5
SD	35
Variance	1225
Coefficient of Variation	0.709
Skewness	1.061
Mean of log data	3.624
SD of log data	0.855
90% Standard Bootstrap UCL	**61.53**
95% Standard Bootstrap UCL	**65.2**

Dataset 50

Number of Valid Observations	8
Number of Distinct Observations	6
Minimum	8.8
Maximum	100
Mean	22.9
Median	11.9
SD	31.31
Variance	980.2
Coefficient of Variation	1.367
Skewness	2.773
Mean of log data	2.712
SD of log data	0.806
90% Standard Bootstrap UCL	**36.41**
95% Standard Bootstrap UCL	**40.02**

Dataset 51

Number of Valid Observations	12
Number of Distinct Observations	11
Minimum	6.2
Maximum	410
Mean	123.3
Median	109.5
SD	120.9
Variance	14629
Coefficient of Variation	0.981
Skewness	1.172
Mean of log data	4.103
SD of log data	1.481
90% Standard Bootstrap UCL	**166.3**
95% Standard Bootstrap UCL	**178.1**

Dataset 52

Number of Valid Observations	12
Number of Distinct Observations	12
Minimum	5.4
Maximum	370
Mean	108.7
Median	38.5
SD	131.7
Variance	17353
Coefficient of Variation	1.212
Skewness	1.147
Mean of log data	3.782
SD of log data	1.528
90% Standard Bootstrap UCL	**155**
95% Standard Bootstrap UCL	**169**

Dataset 53

Number of Valid Observations	5
Number of Distinct Observations	4
Minimum	11
Maximum	34
Mean	17.6
Median	15
SD	9.317
Variance	86.8
Coefficient of Variation	0.529
Skewness	2.056
Mean of log data	2.781
SD of log data	0.436
90% Standard Bootstrap UCL	**22.47**
95% Standard Bootstrap UCL	**23.77**

Dataset 54

Number of Valid Observations	12
Number of Distinct Observations	11
Minimum	6.7
Maximum	990
Mean	189.4
Median	40
SD	290.4
Variance	84341
Coefficient of Variation	1.534
Skewness	2.219
Mean of log data	4
SD of log data	1.787
90% Standard Bootstrap UCL	**289.3**
95% Standard Bootstrap UCL	**321.4**

Dataset 55-0 (0 to 3)

Number of Valid Observations	20
Number of Distinct Observations	19
Minimum	6.5
Maximum	1700
Mean	212.8
Median	96.5
SD	374.5
Variance	140251
Coefficient of Variation	1.76
Skewness	3.609
Mean of log data	4.312
SD of log data	1.595
90% Standard Bootstrap UCL	**317.6**
95% Standard Bootstrap UCL	**348**

Dataset 55-0.5 (0 to 3)

Number of Valid Observations	20
Number of Distinct Observations	19
Minimum	9.3
Maximum	1300
Mean	201
Median	82
SD	322.2
Variance	103812
Coefficient of Variation	1.603
Skewness	2.594
Mean of log data	4.313
SD of log data	1.458
90% Standard Bootstrap UCL	**288.9**
95% Standard Bootstrap UCL	**317**

Dataset 55-1.5 (0 to 3)

Number of Valid Observations	20
Number of Distinct Observations	19
Minimum	4.2
Maximum	190
Mean	32.08
Median	15.5
SD	47.61
Variance	2267
Coefficient of Variation	1.484
Skewness	2.749
Mean of log data	2.901
SD of log data	0.957
90% Standard Bootstrap UCL	**45.16**
95% Standard Bootstrap UCL	**48.8**

Dataset 55-2.5 (0 to 3)

Number of Valid Observations	20
Number of Distinct Observations	14
Minimum	7.6
Maximum	59
Mean	17.25
Median	12
SD	13.26
Variance	176
Coefficient of Variation	0.769
Skewness	2.267
Mean of log data	2.665
SD of log data	0.562
90% Standard Bootstrap UCL	**20.91**
95% Standard Bootstrap UCL	**22**

Dataset 55-0 (3 to 6)

Number of Valid Observations	15
Number of Distinct Observations	14
Minimum	100
Maximum	2000
Mean	456
Median	340
SD	480.8
Variance	231126
Coefficient of Variation	1.054
Skewness	2.643
Mean of log data	5.77
SD of log data	0.826
90% Standard Bootstrap UCL	**608.2**
95% Standard Bootstrap UCL	**653**

Dataset 55-0.5 (3 to 6)

Number of Valid Observations	15
Number of Distinct Observations	14
Minimum	18
Maximum	150
Mean	77.2
Median	75
SD	39.87
Variance	1590
Coefficient of Variation	0.516
Skewness	0.281
Mean of log data	4.19
SD of log data	0.624
90% Standard Bootstrap UCL	**90.22**
95% Standard Bootstrap UCL	**93.4**

Dataset 55-1.5 (3 to 6)

Number of Valid Observations	15
Number of Distinct Observations	14
Minimum	6.7
Maximum	100
Mean	41.25
Median	34
SD	30.6
Variance	936.5
Coefficient of Variation	0.742
Skewness	0.806
Mean of log data	3.415
SD of log data	0.863
90% Standard Bootstrap UCL	**51**
95% Standard Bootstrap UCL	**53.7**

Dataset 55-2.5 (3 to 6)

Number of Valid Observations	15
Number of Distinct Observations	12
Minimum	7.9
Maximum	49
Mean	20.26
Median	19
SD	9.356
Variance	87.53
Coefficient of Variation	0.462
Skewness	2.073
Mean of log data	2.925
SD of log data	0.417
90% Standard Bootstrap UCL	**23.22**
95% Standard Bootstrap UCL	**24.1**

Dataset 55-0 (6 to 9)

Number of Valid Observations	4
Number of Distinct Observations	4
Minimum	140
Maximum	670

Dataset 55-0.5 (6 to 9)

Number of Valid Observations	4
Number of Distinct Observations	4
Minimum	9.2
Maximum	63

Dataset 55-1.5 (6 to 9)

Number of Valid Observations	4
Number of Distinct Observations	4
Minimum	9.7
Maximum	31

Dataset 55-2.5 (6 to 9)

Number of Valid Observations	4
Number of Distinct Observations	4
Minimum	8.9
Maximum	24

Dataset 55-0 (>9)

Number of Valid Observations	10
Number of Distinct Observations	10
Minimum	130
Maximum	760
Mean	364
Median	290
SD	211.9
Variance	44893
Coefficient of Variation	0.582
Skewness	1.025
Mean of log data	5.754
SD of log data	0.561
90% Standard Bootstrap UCL	**444.7**
95% Standard Bootstrap UCL	**465**

Dataset 55-0.5 (>9)

Number of Valid Observations	10
Number of Distinct Observations	10
Minimum	13
Maximum	91
Mean	53.1
Median	56
SD	24.33
Variance	592.1
Coefficient of Variation	0.458
Skewness	-0.0307
Mean of log data	3.845
SD of log data	0.585
90% Standard Bootstrap UCL	**62.64**
95% Standard Bootstrap UCL	**65**

Dataset 55-1.5 (>9)

Number of Valid Observations	10
Number of Distinct Observations	8
Minimum	8.5
Maximum	41
Mean	23.45
Median	24
SD	8.902
Variance	79.25
Coefficient of Variation	0.38
Skewness	0.324
Mean of log data	3.08
SD of log data	0.432
90% Standard Bootstrap UCL	**26.88**
95% Standard Bootstrap UCL	**27.8**

Dataset 55-2.5 (>9)

Number of Valid Observations	10
Number of Distinct Observations	8
Minimum	9.7
Maximum	26
Mean	16.27
Median	15.5
SD	5.249
Variance	27.55
Coefficient of Variation	0.323
Skewness	0.837
Mean of log data	2.745
SD of log data	0.313
90% Standard Bootstrap UCL	**18.3**
95% Standard Bootstrap UCL	**18.8**

Dataset 56

Number of Valid Observations	12
Number of Distinct Observations	11
Minimum	12
Maximum	870
Mean	265.2
Median	215
SD	233.6
Variance	54591
Coefficient of Variation	0.881
Skewness	1.703
Mean of log data	5.167
SD of log data	1.102
90% Standard Bootstrap UCL	**345.7**
95% Standard Bootstrap UCL	**369.6**

Dataset 57

Number of Valid Observations	8
Number of Distinct Observations	8
Minimum	9.6
Maximum	170
Mean	45.7
Median	30.5
SD	51.83
Variance	2686
Coefficient of Variation	1.134
Skewness	2.489
Mean of log data	3.434
SD of log data	0.893
90% Standard Bootstrap UCL	**67.61**
95% Standard Bootstrap UCL	**74.53**

Dataset 58

Number of Valid Observations	12
Number of Distinct Observations	11
Minimum	20
Maximum	200
Mean	72
Median	42.5
SD	56.91
Variance	3238
Coefficient of Variation	0.79
Skewness	1.147
Mean of log data	3.999
SD of log data	0.775
90% Standard Bootstrap UCL	**92.51**
95% Standard Bootstrap UCL	**97.9**

Dataset 59

Number of Valid Observations	5
Number of Distinct Observations	4
Minimum	10
Maximum	140
Mean	38.2
Median	14
SD	56.93
Variance	3241
Coefficient of Variation	1.49
Skewness	2.231
Mean of log data	3.017
SD of log data	1.085
90% Standard Bootstrap UCL	**67.28**
95% Standard Bootstrap UCL	**76.43**

Dataset 60

Number of Valid Observations	12
Number of Distinct Observations	11
Minimum	9
Maximum	540
Mean	82.68
Median	41
SD	147.4
Variance	21735
Coefficient of Variation	1.783
Skewness	3.188
Mean of log data	3.583
SD of log data	1.259
90% Standard Bootstrap UCL	**135.3**
95% Standard Bootstrap UCL	**149.6**

Dataset 61

Number of Valid Observations	12
Number of Distinct Observations	11
Minimum	7.1
Maximum	67
Mean	22.5
Median	17
SD	17.27
Variance	298.1
Coefficient of Variation	0.769
Skewness	1.735
Mean of log data	2.887
SD of log data	0.681
90% Standard Bootstrap UCL	**28.4**
95% Standard Bootstrap UCL	**30.1**

Dataset 62

Number of Valid Observations	6
Number of Distinct Observations	5
Minimum	3.2
Maximum	25
Mean	8.15
Median	4.95
SD	8.313
Variance	69.11
Coefficient of Variation	1.02
Skewness	2.372
Mean of log data	1.821
SD of log data	0.719
90% Standard Bootstrap UCL	**12.05**
95% Standard Bootstrap UCL	**13.2**

Dataset 63

Number of Valid Observations	8
Number of Distinct Observations	7
Minimum	5.1
Maximum	48
Mean	11.91
Median	6.45
SD	14.64
Variance	214.4
Coefficient of Variation	1.229
Skewness	2.783
Mean of log data	2.14
SD of log data	0.724
90% Standard Bootstrap UCL	**18.12**
95% Standard Bootstrap UCL	**20.04**

Dataset 64

Number of Valid Observations	12
Number of Distinct Observations	11
Minimum	3.1
Maximum	160
Mean	64.9
Median	9.8
SD	73.82
Variance	5450
Coefficient of Variation	1.137
Skewness	0.423
Mean of log data	3.006
SD of log data	1.795
90% Standard Bootstrap UCL	**91.81**
95% Standard Bootstrap UCL	**97.5**

Dataset 65-0 (0 to 3)

Number of Valid Observations	21
Number of Distinct Observations	20
Minimum	5.4
Maximum	3100
Mean	575.1
Median	15
SD	908.2
Variance	824885
Coefficient of Variation	1.579
Skewness	1.786
Mean of log data	4.274
SD of log data	2.45
90% Standard Bootstrap UCL	**829.7**
95% Standard Bootstrap UCL	**890.3**

Dataset 65-0.5 (0 to 3)

Number of Valid Observations	21
Number of Distinct Observations	17
Minimum	5.3
Maximum	910
Mean	120.2
Median	17
SD	214.9
Variance	46175
Coefficient of Variation	1.787
Skewness	2.817
Mean of log data	3.504
SD of log data	1.629
90% Standard Bootstrap UCL	**178**
95% Standard Bootstrap UCL	**197**

Dataset 65-1.5 (0 to 3)

Number of Valid Observations	21
Number of Distinct Observations	21
Minimum	2.6
Maximum	1000
Mean	76.37
Median	8.4
SD	219.5
Variance	48194
Coefficient of Variation	2.875
Skewness	4.118
Mean of log data	2.698
SD of log data	1.513
90% Standard Bootstrap UCL	**136.2**
95% Standard Bootstrap UCL	**154**

Dataset 65-2.5 (0 to 3)

Number of Valid Observations	21
Number of Distinct Observations	18
Minimum	2.9
Maximum	170
Mean	28.18
Median	6.3
SD	49.56
Variance	2456
Coefficient of Variation	1.759
Skewness	2.204
Mean of log data	2.377
SD of log data	1.225
90% Standard Bootstrap UCL	**41.64**
95% Standard Bootstrap UCL	**45.3**

Dataset 65-0 (3 to 6)

Number of Valid Observations	10
Number of Distinct Observations	9
Minimum	7
Maximum	110
Mean	28.8
Median	10.5
SD	34.69
Variance	1203
Coefficient of Variation	1.205
Skewness	1.767
Mean of log data	2.817
SD of log data	1.036
90% Standard Bootstrap UCL	**42.03**
95% Standard Bootstrap UCL	**45.3**

Dataset 65-0.5 (3 to 6)

Number of Valid Observations	10
Number of Distinct Observations	10
Minimum	4.2
Maximum	150
Mean	34.12
Median	11.35
SD	46.8
Variance	2190
Coefficient of Variation	1.372
Skewness	2.027
Mean of log data	2.799
SD of log data	1.23
90% Standard Bootstrap UCL	**52.07**
95% Standard Bootstrap UCL	**57.4**

Dataset 65-1.5 (3 to 6)

Number of Valid Observations	10
Number of Distinct Observations	8
Minimum	2.6
Maximum	76
Mean	15.25
Median	6
SD	22.59
Variance	510.5
Coefficient of Variation	1.482
Skewness	2.646
Mean of log data	2.157
SD of log data	0.97
90% Standard Bootstrap UCL	**23.96**
95% Standard Bootstrap UCL	**26.5**

Dataset 65-2.5 (3 to 6)

Number of Valid Observations	10
Number of Distinct Observations	8
Minimum	4.1
Maximum	9.1
Mean	5.93
Median	6.05
SD	1.37
Variance	1.876
Coefficient of Variation	0.231
Skewness	1.246
Mean of log data	1.758
SD of log data	0.219
90% Standard Bootstrap UCL	**6.455**
95% Standard Bootstrap UCL	**6.6**

Dataset 65-0 (6 to 9)

Number of Valid Observations	8
Number of Distinct Observations	8
Minimum	5.9
Maximum	210
Mean	57.55
Median	10.45
SD	85.58
Variance	7323
Coefficient of Variation	1.487
Skewness	1.443
Mean of log data	3.023
SD of log data	1.483
90% Standard Bootstrap UCL	**93.44**
95% Standard Bootstrap UCL	**101**

Dataset 65-0.5 (6 to 9)

Number of Valid Observations	8
Number of Distinct Observations	8
Minimum	2.8
Maximum	210
Mean	42.74
Median	8.5
SD	73.44
Variance	5394
Coefficient of Variation	1.719
Skewness	2.165
Mean of log data	2.639
SD of log data	1.484
90% Standard Bootstrap UCL	**73.61**
95% Standard Bootstrap UCL	**82.3**

Dataset 65-1.5 (6 to 9)

Number of Valid Observations	8
Number of Distinct Observations	8
Minimum	4.6
Maximum	25
Mean	9.85
Median	6.4
SD	7.039
Variance	49.54
Coefficient of Variation	0.715
Skewness	1.705
Mean of log data	2.108
SD of log data	0.607
90% Standard Bootstrap UCL	**12.83**
95% Standard Bootstrap UCL	**13.7**

Dataset 65-2.5 (6 to 9)

Number of Valid Observations	8
Number of Distinct Observations	7
Minimum	3.1
Maximum	6.2
Mean	4.85
Median	5
SD	1.236
Variance	1.529
Coefficient of Variation	0.255
Skewness	-0.426
Mean of log data	1.547
SD of log data	0.276
90% Standard Bootstrap UCL	**5.369**
95% Standard Bootstrap UCL	**5.5**

Dataset 65-0 (>9)

Number of Valid Observations	10
Number of Distinct Observations	9
Minimum	6.1
Maximum	49
Mean	14.07
Median	8.75
SD	14.03
Variance	196.8
Coefficient of Variation	0.997
Skewness	2.198
Mean of log data	2.359
SD of log data	0.704
90% Standard Bootstrap UCL	**19.39**
95% Standard Bootstrap UCL	**21.1**

Dataset 65-0.5 (>9)

Number of Valid Observations	10
Number of Distinct Observations	10
Minimum	4.6
Maximum	160
Mean	33.25
Median	6.25
SD	57.07
Variance	3257
Coefficient of Variation	1.716
Skewness	1.894
Mean of log data	2.463
SD of log data	1.325
90% Standard Bootstrap UCL	**55.54**
95% Standard Bootstrap UCL	**60.9**

Dataset 65-1.5 (>9)

Number of Valid Observations	10
Number of Distinct Observations	10
Minimum	4.8
Maximum	40
Mean	10.66
Median	6.15
SD	10.79
Variance	116.4
Coefficient of Variation	1.012
Skewness	2.705
Mean of log data	2.103
SD of log data	0.668
90% Standard Bootstrap UCL	**14.81**
95% Standard Bootstrap UCL	**16**

Dataset 65-2.5 (>9)

Number of Valid Observations	10
Number of Distinct Observations	9
Minimum	3.3
Maximum	41
Mean	9.15
Median	5.8
SD	11.37
Variance	129.3
Coefficient of Variation	1.243
Skewness	2.981
Mean of log data	1.866
SD of log data	0.741
90% Standard Bootstrap UCL	**13.64**
95% Standard Bootstrap UCL	**14.7**

Dataset 66

Number of Valid Observations	12
Number of Distinct Observations	12
Minimum	5.3
Maximum	8.9
Mean	7.125
Median	7.1
SD	1.151
Variance	1.324
Coefficient of Variation	0.161
Skewness	0.023
Mean of log data	1.951
SD of log data	0.165
90% Standard Bootstrap UCL	**7.53**
95% Standard Bootstrap UCL	**7.66**

Dataset 67

Number of Valid Observations	4
Number of Distinct Observations	4
Minimum	6.5
Maximum	7.2

Dataset 68

Number of Valid Observations	12
Number of Distinct Observations	12
Minimum	4.7
Maximum	48
Mean	17.03
Median	15
SD	12.25
Variance	150.1
Coefficient of Variation	0.719
Skewness	1.575
Mean of log data	2.616
SD of log data	0.697
90% Standard Bootstrap UCL	**21.37**
95% Standard Bootstrap UCL	**22.55**

Dataset 69

Number of Valid Observations	12
Number of Distinct Observations	12
Minimum	5.5
Maximum	37
Mean	11.42
Median	8.6
SD	8.715
Variance	75.94
Coefficient of Variation	0.763
Skewness	2.671
Mean of log data	2.27
SD of log data	0.538
90% Standard Bootstrap UCL	**14.54**
95% Standard Bootstrap UCL	**15.43**

Dataset 70

Number of Valid Observations	12
Number of Distinct Observations	9
Minimum	2.3
Maximum	19
Mean	11.05
Median	13.5
SD	6.228
Variance	38.79
Coefficient of Variation	0.564
Skewness	-0.477
Mean of log data	2.157
SD of log data	0.833
90% Standard Bootstrap UCL	**13.25**
95% Standard Bootstrap UCL	**13.9**

Dataset 71

Number of Valid Observations	8
Number of Distinct Observations	7
Minimum	12
Maximum	23
Mean	16.88
Median	16
SD	3.871
Variance	14.98
Coefficient of Variation	0.229
Skewness	0.402
Mean of log data	2.803
SD of log data	0.229
90% Standard Bootstrap UCL	**18.54**
95% Standard Bootstrap UCL	**19**

Dataset 72-0 (0 to 3)

Number of Valid Observations	22
Number of Distinct Observations	21
Minimum	5
Maximum	250
Mean	57.9
Median	26.5
SD	76.42
Variance	5840
Coefficient of Variation	1.32
Skewness	1.939
Mean of log data	3.428
SD of log data	1.102
90% Standard Bootstrap UCL	**78.22**
95% Standard Bootstrap UCL	**83.9**

Dataset 72-0.5 (0 to 3)

Number of Valid Observations	22
Number of Distinct Observations	20
Minimum	3
Maximum	290
Mean	43.72
Median	17.5
SD	75.93
Variance	5766
Coefficient of Variation	1.737
Skewness	2.771
Mean of log data	2.875
SD of log data	1.3
90% Standard Bootstrap UCL	**63.7**
95% Standard Bootstrap UCL	**69.9**

Dataset 72-1.5 (0 to 3)

Number of Valid Observations	20
Number of Distinct Observations	17
Minimum	1.9
Maximum	170
Mean	14.35
Median	5.2
SD	36.91
Variance	1362
Coefficient of Variation	2.572
Skewness	4.366
Mean of log data	1.729
SD of log data	1.089
90% Standard Bootstrap UCL	**24.47**
95% Standard Bootstrap UCL	**27.6**

Dataset 72-2.5 (0 to 3)

Number of Valid Observations	20
Number of Distinct Observations	18
Minimum	2
Maximum	230
Mean	26.35
Median	7.3
SD	57.76
Variance	3336
Coefficient of Variation	2.192
Skewness	3.094
Mean of log data	2.158
SD of log data	1.291
90% Standard Bootstrap UCL	**42.33**
95% Standard Bootstrap UCL	**46.83**

Dataset 73-0 (0 to 3)

Number of Valid Observations	16
Number of Distinct Observations	14
Minimum	4.7
Maximum	810
Mean	104.3
Median	32
SD	203.5
Variance	41429
Coefficient of Variation	1.951
Skewness	3.17
Mean of log data	3.592
SD of log data	1.383
90% Standard Bootstrap UCL	**167.2**
95% Standard Bootstrap UCL	**186**

Dataset 73-0.5 (0 to 3)

Number of Valid Observations	16
Number of Distinct Observations	16
Minimum	5.2
Maximum	240
Mean	36.66
Median	16.5
SD	59
Variance	3482
Coefficient of Variation	1.61
Skewness	3.138
Mean of log data	2.942
SD of log data	1.064
90% Standard Bootstrap UCL	**54.47**
95% Standard Bootstrap UCL	**60.5**

Dataset 73-1.5 (0 to 3)

Number of Valid Observations	16
Number of Distinct Observations	15
Minimum	4.4
Maximum	240
Mean	24.03
Median	7.1
SD	58.62
Variance	3436
Coefficient of Variation	2.439
Skewness	3.79
Mean of log data	2.232
SD of log data	1.031
90% Standard Bootstrap UCL	**41.75**
95% Standard Bootstrap UCL	**48.3**

Dataset 73-2.5 (0 to 3)

Number of Valid Observations	15
Number of Distinct Observations	15
Minimum	3.9
Maximum	230
Mean	23.85
Median	8
SD	57.23
Variance	3275
Coefficient of Variation	2.399
Skewness	3.828
Mean of log data	2.314
SD of log data	0.989
90% Standard Bootstrap UCL	**42**
95% Standard Bootstrap UCL	**47**

Dataset 73-0 (3 to 6)

Number of Valid Observations	10
Number of Distinct Observations	10
Minimum	5.7
Maximum	250
Mean	72.19
Median	32.5
SD	86.25
Variance	7439
Coefficient of Variation	1.195
Skewness	1.257
Mean of log data	3.445
SD of log data	1.462
90% Standard Bootstrap UCL	**106.1**
95% Standard Bootstrap UCL	**115**

Dataset 73-0.5 (3 to 6)

Number of Valid Observations	10
Number of Distinct Observations	9
Minimum	7
Maximum	250
Mean	42.27
Median	20.5
SD	73.99
Variance	5475
Coefficient of Variation	1.75
Skewness	3.006
Mean of log data	3.013
SD of log data	1.109
90% Standard Bootstrap UCL	**70.69**
95% Standard Bootstrap UCL	**78.5**

Dataset 73-1.5 (3 to 6)

Number of Valid Observations	10
Number of Distinct Observations	10
Minimum	8.7
Maximum	78
Mean	28.28
Median	18.5
SD	23.01
Variance	529.5
Coefficient of Variation	0.814
Skewness	1.349
Mean of log data	3.069
SD of log data	0.768
90% Standard Bootstrap UCL	**36.94**
95% Standard Bootstrap UCL	**39.9**

Dataset 73-2.5 (3 to 6)

Number of Valid Observations	10
Number of Distinct Observations	10
Minimum	5
Maximum	240
Mean	49.69
Median	21
SD	75.21
Variance	5657
Coefficient of Variation	1.514
Skewness	2.236
Mean of log data	3.069
SD of log data	1.315
90% Standard Bootstrap UCL	**78.51**
95% Standard Bootstrap UCL	**87.3**

Dataset 74

Number of Valid Observations	12
Number of Distinct Observations	10
Minimum	4.7
Maximum	71
Mean	25.5
Median	19
SD	21.37
Variance	456.5
Coefficient of Variation	0.839
Skewness	1.246
Mean of log data	2.914
SD of log data	0.86
90% Standard Bootstrap UCL	**33.2**
95% Standard Bootstrap UCL	**35.2**

Dataset 75

Number of Valid Observations	8
Number of Distinct Observations	8
Minimum	5.1
Maximum	79
Mean	16.08
Median	6.45
SD	25.52
Variance	651.4
Coefficient of Variation	1.588
Skewness	2.787
Mean of log data	2.224
SD of log data	0.909
90% Standard Bootstrap UCL	**26.7**
95% Standard Bootstrap UCL	**30.3**

Dataset 76-0 (0 to 3)

Number of Valid Observations	16
Number of Distinct Observations	13
Minimum	2.7
Maximum	23
Mean	7.606
Median	4.7
SD	5.678
Variance	32.24
Coefficient of Variation	0.746
Skewness	1.443
Mean of log data	1.794
SD of log data	0.696
90% Standard Bootstrap UCL	**9.384**
95% Standard Bootstrap UCL	**9.86**

Dataset 76-0.5 (0 to 3)

Number of Valid Observations	16
Number of Distinct Observations	14
Minimum	1.8
Maximum	33
Mean	7.813
Median	5.5
SD	8.032
Variance	64.51
Coefficient of Variation	1.028
Skewness	2.335
Mean of log data	1.695
SD of log data	0.838
90% Standard Bootstrap UCL	**10.28**
95% Standard Bootstrap UCL	**11**

Dataset 76-1.5 (0 to 3)

Number of Valid Observations	16
Number of Distinct Observations	15
Minimum	1.9
Maximum	430
Mean	57.54
Median	7.4
SD	109.7
Variance	12024
Coefficient of Variation	1.906
Skewness	2.941
Mean of log data	2.655
SD of log data	1.682
90% Standard Bootstrap UCL	**91.92**
95% Standard Bootstrap UCL	**99.8**

Dataset 76-2.5 (0 to 3)

Number of Valid Observations	16
Number of Distinct Observations	15
Minimum	1.7
Maximum	250
Mean	29.04
Median	7.5
SD	62.17
Variance	3865
Coefficient of Variation	2.141
Skewness	3.43
Mean of log data	2.389
SD of log data	1.202
90% Standard Bootstrap UCL	**48.91**
95% Standard Bootstrap UCL	**53.4**

Dataset 76-0 (3 to 6)

Number of Valid Observations	9
Number of Distinct Observations	8
Minimum	3.6
Maximum	15
Mean	9.678
Median	10
SD	3.829
Variance	14.66
Coefficient of Variation	0.396
Skewness	-0.592
Mean of log data	2.174
SD of log data	0.505
90% Standard Bootstrap UCL	**11.2**
95% Standard Bootstrap UCL	**11.62**

Dataset 76-0.5 (3 to 6)

Number of Valid Observations	9
Number of Distinct Observations	9
Minimum	2.1
Maximum	20
Mean	11.57
Median	9.7
SD	6.343
Variance	40.23
Coefficient of Variation	0.548
Skewness	0.0455
Mean of log data	2.263
SD of log data	0.72
90% Standard Bootstrap UCL	**14.09**
95% Standard Bootstrap UCL	**14.86**

Dataset 76-1.5 (3 to 6)

Number of Valid Observations	9
Number of Distinct Observations	9
Minimum	3.1
Maximum	92
Mean	25.24
Median	8.3
SD	32.56
Variance	1060
Coefficient of Variation	1.29
Skewness	1.624
Mean of log data	2.567
SD of log data	1.175
90% Standard Bootstrap UCL	**38.47**
95% Standard Bootstrap UCL	**42**

Dataset 76-2.5 (3 to 6)

Number of Valid Observations	9
Number of Distinct Observations	8
Minimum	1.5
Maximum	29
Mean	9.411
Median	6
SD	7.981
Variance	63.69
Coefficient of Variation	0.848
Skewness	2.151
Mean of log data	1.971
SD of log data	0.8
90% Standard Bootstrap UCL	**12.7**
95% Standard Bootstrap UCL	**13.5**

Dataset 76-0 (6 to 9)

Number of Valid Observations	8
Number of Distinct Observations	7
Minimum	7
Maximum	25
Mean	14.76
Median	15.5
SD	6.568
Variance	43.14
Coefficient of Variation	0.445
Skewness	0.289
Mean of log data	2.596
SD of log data	0.481
90% Standard Bootstrap UCL	**17.6**
95% Standard Bootstrap UCL	**18.4**

Dataset 76-0.5 (6 to 9)

Number of Valid Observations	8
Number of Distinct Observations	8
Minimum	5.6
Maximum	95
Mean	25.46
Median	10
SD	30.74
Variance	945.1
Coefficient of Variation	1.207
Skewness	2.028
Mean of log data	2.717
SD of log data	1.039
90% Standard Bootstrap UCL	**38.31**
95% Standard Bootstrap UCL	**42.9**

Dataset 76-1.5 (6 to 9)

Number of Valid Observations	8
Number of Distinct Observations	8
Minimum	5.7
Maximum	130
Mean	31.93
Median	13.5
SD	43.55
Variance	1897
Coefficient of Variation	1.364
Skewness	2.068
Mean of log data	2.802
SD of log data	1.166
90% Standard Bootstrap UCL	**49.84**
95% Standard Bootstrap UCL	**56.2**

Dataset 76-2.5 (6 to 9)

Number of Valid Observations	8
Number of Distinct Observations	8
Minimum	5.5
Maximum	13
Mean	7.588
Median	7
SD	2.341
Variance	5.481
Coefficient of Variation	0.309
Skewness	2.142
Mean of log data	1.993
SD of log data	0.262
90% Standard Bootstrap UCL	**8.592**
95% Standard Bootstrap UCL	**8.8**

Dataset 76-0 (>9)

Number of Valid Observations	13
Number of Distinct Observations	10
Minimum	7.7
Maximum	54
Mean	23.84
Median	18
SD	16.35
Variance	267.4
Coefficient of Variation	0.686
Skewness	1.026
Mean of log data	2.968
SD of log data	0.655
90% Standard Bootstrap UCL	**29.37**
95% Standard Bootstrap UCL	**31**

Dataset 76-0.5 (>9)	
Number of Valid Observations	13
Number of Distinct Observations	10
Minimum	4.1
Maximum	99
Mean	32.28
Median	13
SD	33.84
Variance	1145
Coefficient of Variation	1.048
Skewness	1.245
Mean of log data	2.979
SD of log data	1.035
90% Standard Bootstrap UCL	**43.94**
95% Standard Bootstrap UCL	**46.9**

Dataset 76-1.5 (>9)	
Number of Valid Observations	13
Number of Distinct Observations	10
Minimum	5.3
Maximum	150
Mean	20.84
Median	8.3
SD	39.05
Variance	1525
Coefficient of Variation	1.874
Skewness	3.529
Mean of log data	2.439
SD of log data	0.874
90% Standard Bootstrap UCL	**33.84**
95% Standard Bootstrap UCL	**37.6**

Dataset 76-2.5 (>9)	
Number of Valid Observations	13
Number of Distinct Observations	13
Minimum	4.7
Maximum	85
Mean	16.16
Median	6.6
SD	23.51
Variance	552.5
Coefficient of Variation	1.454
Skewness	2.627
Mean of log data	2.27
SD of log data	0.873
90% Standard Bootstrap UCL	**24.23**
95% Standard Bootstrap UCL	**26.2**

Antimony	**NC**

Arsenic	
Number of Valid Observations	508
Number of Distinct Observations	94
Minimum	0.5
Maximum	20
Mean	4.319
Median	3.7
SD	3.186
Variance	10.15
Coefficient of Variation	0.738
Skewness	0.988
Mean of log data	1.092
SD of log data	0.985
95% Standard Bootstrap UCL	**4.552**

Barium	
Number of Valid Observations	508
Number of Distinct Observations	126
Minimum	5.9
Maximum	1000
Mean	111.1
Median	100
SD	90.45
Variance	8182
Coefficient of Variation	0.814
Skewness	3.622
Mean of log data	4.373
SD of log data	0.927
95% Standard Bootstrap UCL	**117.6**

Cadmium	
Number of Valid Observations	508
Number of Distinct Observations	12
Minimum	0.5
Maximum	5
Mean	0.619
Median	0.5
SD	0.459
Variance	0.211
Coefficient of Variation	0.743
Skewness	5.518
Mean of log data	-0.584
SD of log data	0.362
95% Standard Bootstrap UCL	**0.652**

Lead - Site	
Number of Valid Observations	1,693
Number of Distinct Observations	245
Minimum	0.5
Maximum	3100
Mean	71.31
Median	15
SD	200.8
Variance	40334
Coefficient of Variation	2.816
Skewness	8.456
Mean of log data	2.978
SD of log data	1.534
95% Standard Bootstrap UCL	**79.43**

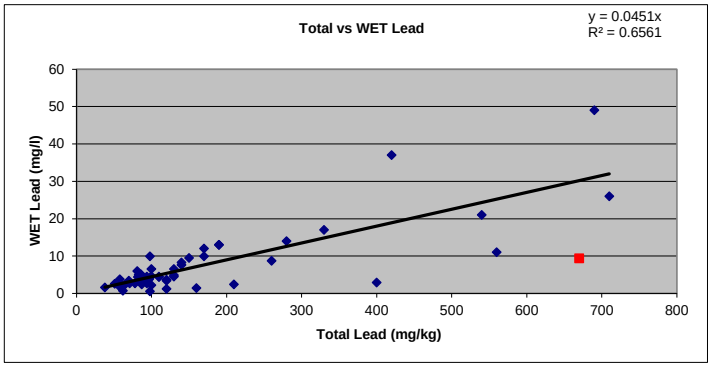
Mercury	
Number of Valid Observations	508
Number of Distinct Observations	98
Minimum	0.05
Maximum	35
Mean	0.654
Median	0.05
SD	2.404
Variance	5.779
Coefficient of Variation	3.676
Skewness	9.746
Mean of log data	-1.989
SD of log data	1.45
95% Standard Bootstrap UCL	**0.826**

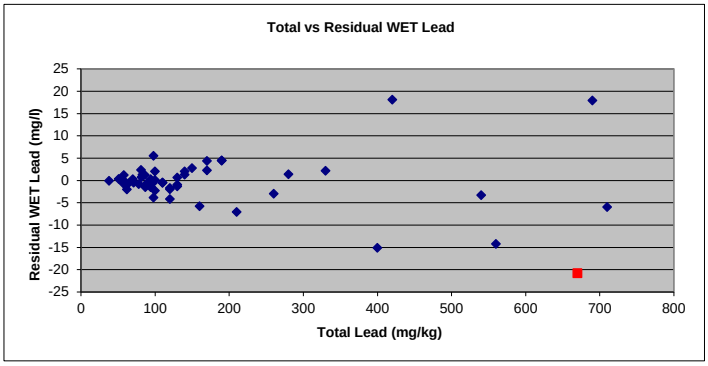
Nickel	
Number of Valid Observations	508
Number of Distinct Observations	93
Minimum	2.5
Maximum	280
Mean	33.76
Median	28
SD	26.59
Variance	707.2
Coefficient of Variation	0.788
Skewness	3.986
Mean of log data	3.307
SD of log data	0.645
95% Standard Bootstrap UCL	**35.65**

Thallium	**NC**

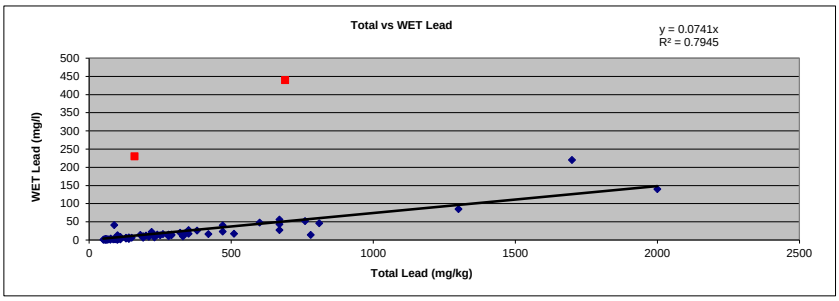
Vanadium	
Number of Valid Observations	508
Number of Distinct Observations	93
Minimum	4.8
Maximum	220
Mean	52.51
Median	38.5
SD	35.91
Variance	1289
Coefficient of Variation	0.684
Skewness	1.568
Mean of log data	3.775
SD of log data	0.587
95% Standard Bootstrap UCL	**55.2**

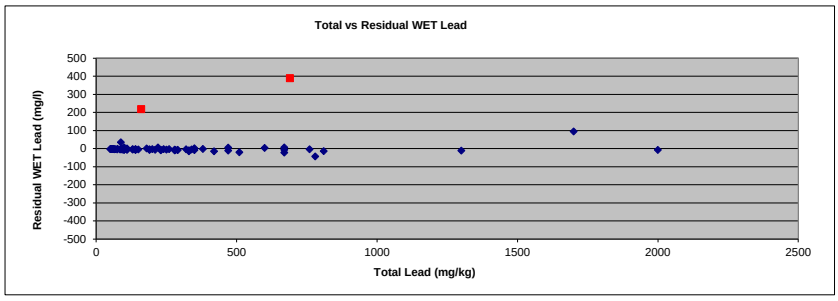
Group	Dataset	Sample ID	Sample Depth (feet)	Total Lead (mg/kg)	WET Lead (mg/l)	Residual WET Lead (mg/l)	Squared Residual WET Lead (mg/l)
W-R37	5	W-R37-P4	0	100	4.6	0.09	0.01
W-R37	5	W-R37-R4	2.5	38	1.6	-0.11	0.01
W-R37	5	W-R37-M4	1.5	70	3.4	0.25	0.06
W-R37	5	W-R37-N3	0.5	59	2.4	-0.26	0.07
W-R37	5	W-R37-L1	0	94	4.5	0.26	0.07
W-R37	5	W-R37-N3	1.5	51	2.6	0.30	0.09
W-R37	8	W-R37-GL2	0	110	4.5	-0.46	0.21
W-R37	5	W-R37-U4	0.5	59	2.2	-0.46	0.21
W-R37	5	W-R37-L4	0.5	71	2.7	-0.50	0.25
W-R37	5	W-R37-P4	1.5	110	4.4	-0.56	0.31
W-R37	5	W-R37-M4	0	97	3.8	-0.57	0.33
W-R37	8	W-R37-GL2	2.5	130	6.5	0.64	0.41
W-R37	5	W-R37-P3	2.5	57	1.9	-0.67	0.45
W-R37	5	W-R37-Q4	0	64	2.2	-0.68	0.47
W-R37	5	W-R37-M4	2.5	82	4.4	0.70	0.50
W-R37	5	W-R37-M4	0.5	89	3.3	-0.71	0.51
W-R37	5	W-R37-O2	1.5	60	1.9	-0.80	0.65
W-R37	5	W-R37-Q2	0.5	78	2.7	-0.81	0.66
W-R37	5	W-R37-K3	0.5	88	3.1	-0.87	0.75
W-R37	5	W-R37-P1	0	130	4.9	-0.96	0.92
W-R37	5	W-R37-R2	0	58	3.8	1.19	1.41
W-R37	5	W-R37-N2	0.5	86	5.1	1.22	1.50
W-R37	8	W-R37-HL2	0	83	5.0	1.26	1.59
W-R37	5	W-R37-O4	0.5	140	7.6	1.29	1.67
W-R37	5	W-R37-K4	1.5	130	4.5	-1.36	1.84
W-R37	5	W-R37-N2	2.5	280	14	1.38	1.91
W-R37	5	W-R37-M3	1.5	87	2.4	-1.52	2.31
W-R37	5	W-R37-N3	0	94	2.7	-1.54	2.36
W-R37	5	W-R37-O1	0	120	3.7	-1.71	2.92
W-R37	5	W-R37-L3	1.5	140	8.3	1.99	3.96
W-R37	8	W-R37-GL1	0	100	6.5	1.99	3.97
W-R37	5	W-R37-U2	1.5	120	3.4	-2.01	4.03
W-R37	5	W-R37-O4	0	62	0.74	-2.05	4.22
W-R37	5	W-R37-S1	0	330	17	2.13	4.53
W-R37	5	W-R37-R1	0	170	9.9	2.24	5.01
W-R37	5	W-R37-M2	1.5	100	2.2	-2.31	5.32
W-R37	5	W-R37-L2	1.5	81	6.0	2.35	5.52
W-R37	5	W-R37-O3	1.5	150	9.5	2.74	7.51
W-R37	8	W-R37-JL1	0	260	8.7	-3.02	9.10
W-R37	5	W-R37-O2	2.5	540	21	-3.33	11.12
W-R37	5	W-R37-R3	2.5	98	0.54	-3.88	15.03
W-R37	5	W-R37-T4	0.5	120	1.2	-4.21	17.70
W-R37	5	W-R37-N3	2.5	170	12	4.34	18.83
W-R37	5	W-R37-O2	0	190	13	4.44	19.70
W-R37	5	W-R37-O3	0	190	13	4.44	19.70
W-R37	5	W-R37-T1	0	98	9.9	5.48	30.07
W-R37	5	W-R37-L4	2.5	160	1.4	-5.81	33.76
W-R37	5	W-R37-Q1	0	710	26	-6.00	35.94
W-R37	5	W-R37-L3	2.5	210	2.4	-7.06	49.89
W-R37	8	W-R37-IL2	0	560	11	-14.24	202.65
W-R37	5	W-R37-P2	0	400	2.9	-15.13	228.78
W-R37	5	W-R37-N2	0	690	49	17.91	320.63
W-R37	5	W-R37-N1	0	420	37	18.07	326.65
Not Used							
W-R37	5	W-R37-M2	0	670	9.4	-20.79	432.33



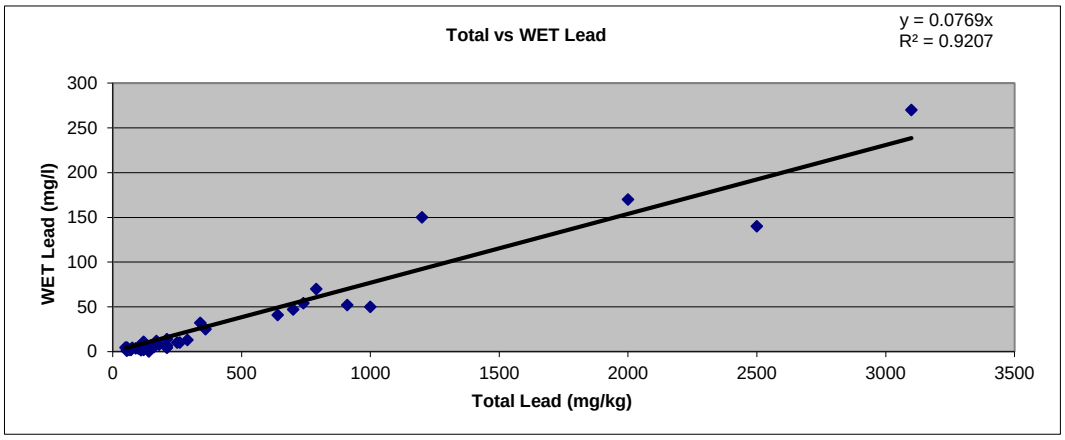


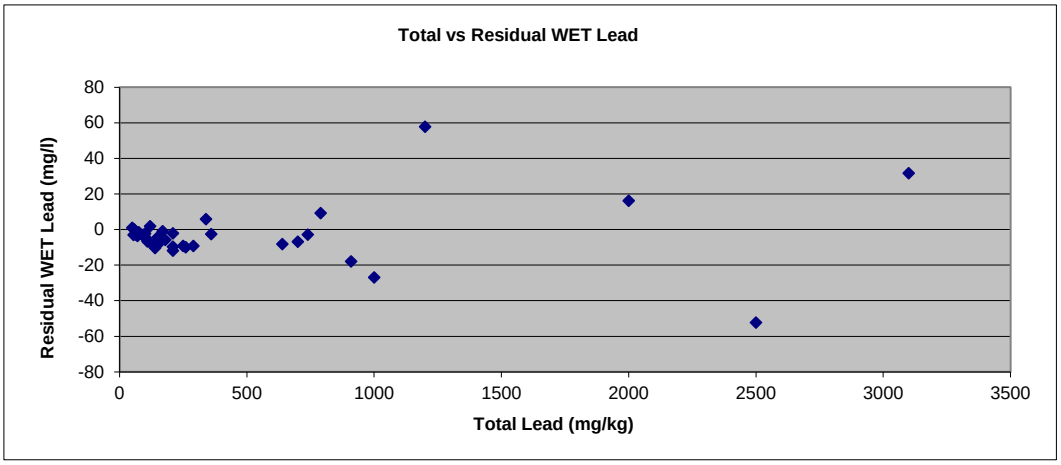
Group	Dataset	Sample ID	Sample Depth (feet)	Total Lead (mg/kg)	WET Lead (mg/l)	Residual WET Lead (mg/l)	Squared Residual WET Lead (mg/l)
W-ALAM	55	W-ALAM-S2	0	110	8.3	0.14	0.02
W-ALAM	55	W-ALAM-I2	0	180	14	0.65	0.43
W-ALAM	55	W-ALAM-K2	0	350	27	1.05	1.11
W-ALAM	55	W-ALAM-G1	0	93	5.5	-1.39	1.95
W-ALAM	55	W-ALAM-B1	0.5	76	4.0	-1.63	2.67
W-ALAM	55	W-ALAM-F1	0	100	5.4	-2.01	4.06
W-ALAM	55	W-ALAM-D2	1.5	57	2.1	-2.13	4.52
W-ALAM	55	W-ALAM-L3	0	380	26	-2.17	4.72
W-ALAM	55	W-ALAM-R1	2.5	59	2.2	-2.17	4.73
W-ALAM	55	W-ALAM-S3	0.5	54	1.5	-2.50	6.27
W-ALAM	55	W-ALAM-H3	0.5	58	1.7	-2.60	6.76
W-ALAM	55	W-ALAM-E2	0.5	52	1.2	-2.66	7.05
W-ALAM	55	W-ALAM-F3	0.5	62	1.9	-2.70	7.27
W-ALAM	55	W-ALAM-T3	0.5	91	4.0	-2.75	7.54
W-ALAM	55	W-ALAM-C3	0	240	15	-2.79	7.80
W-ALAM	55	W-ALAM-E1	0	200	12	-2.83	8.00
W-ALAM	55	W-ALAM-D3	0.5	50	0.76	-2.95	8.68
W-ALAM	55	W-ALAM-C2	0.5	56	1.1	-3.05	9.31
W-ALAM	55	W-ALAM-I2	0.5	110	4.9	-3.26	10.60
W-ALAM	55	W-ALAM-F2	1.5	98	4.0	-3.27	10.66
W-ALAM	55	W-ALAM-F3	0	260	16	-3.28	10.73
W-ALAM	55	W-ALAM-J2	0.5	60	1.1	-3.35	11.21
W-ALAM	55	W-ALAM-A1	0.5	130	6.2	-3.44	11.82
W-ALAM	55	W-ALAM-H2	0	140	6.9	-3.48	12.11
W-ALAM	55	W-ALAM-M3	0	600	48	3.52	12.37
W-ALAM	55	W-ALAM-G2	1.5	68	1.5	-3.54	12.54
W-ALAM	55	W-ALAM-M3	0.5	63	1.1	-3.57	12.75
W-ALAM	55	W-ALAM-C3	0.5	59	0.76	-3.61	13.06
W-ALAM	55	W-ALAM-H3	0	320	20	-3.72	13.87
W-ALAM	55	W-ALAM-C2	1.5	65	0.92	-3.90	15.20
W-ALAM	55	W-ALAM-G3	0	190	10	-4.09	16.70
W-ALAM	55	W-ALAM-T3	0	760	52	-4.35	18.89
W-ALAM	55	W-ALAM-F1	0.5	88	2.1	-4.42	19.57
W-ALAM	55	W-ALAM-M2	0.5	93	2.4	-4.49	20.20
W-ALAM	55	W-ALAM-G3	0.5	85	1.6	-4.70	22.11
W-ALAM	55	W-ALAM-G1	0.5	92	2.1	-4.72	22.29
W-ALAM	55	W-ALAM-H2	0.5	75	0.64	-4.92	24.21
W-ALAM	55	W-ALAM-T2	0.5	150	6.2	-4.92	24.22
W-ALAM	55	W-ALAM-H1	0	110	3.2	-4.96	24.56
W-ALAM	55	W-ALAM-R1	0.5	470	40	5.15	26.57
W-ALAM	55	W-ALAM-B2	0	340	20	-5.21	27.12
W-ALAM	55	W-ALAM-G2	0.5	100	2.2	-5.21	27.18
W-ALAM	55	W-ALAM-S2	0.5	140	5.1	-5.28	27.87
W-ALAM	55	W-ALAM-D1	0	250	13	-5.53	30.63
W-ALAM	55	W-ALAM-G2	0	100	13	5.59	31.20
W-ALAM	55	W-ALAM-B2	0.5	96	1.5	-5.62	31.55
W-ALAM	55	W-ALAM-L4	0	130	4.0	-5.64	31.79
W-ALAM	55	W-ALAM-T1	0.5	220	22	5.69	32.37
W-ALAM	55	W-ALAM-B1	0	280	15	-5.76	33.17
W-ALAM	55	W-ALAM-K3	0	140	4.5	-5.88	34.57
W-ALAM	55	W-ALAM-J2	1.5	100	1.4	-6.01	36.17
W-ALAM	55	W-ALAM-S3	0	670	56	6.33	40.03
W-ALAM	55	W-ALAM-I1	0	290	15	-6.50	42.25
W-ALAM	55	W-ALAM-O1	0.5	110	1.6	-6.56	42.97
W-ALAM	55	W-ALAM-N2	0	670	43	-6.67	44.53
W-ALAM	55	W-ALAM-L2	0.5	100	0.66	-6.75	45.62
W-ALAM	55	W-ALAM-N1	0	210	8.8	-6.77	45.82
W-ALAM	55	W-ALAM-E3	0	230	10	-7.05	49.73
W-ALAM	55	W-ALAM-C1	1.5	140	3.0	-7.38	54.46
W-ALAM	55	W-ALAM-I1	0.5	280	13	-7.76	60.20
W-ALAM	55	W-ALAM-B1	1.5	190	6.1	-7.99	63.78
W-ALAM	55	W-ALAM-T2	0	2,000	140	-8.28	68.53
W-ALAM	55	W-ALAM-D2	0	290	13	-8.50	72.26
W-ALAM	55	W-ALAM-C2	0	350	17	-8.95	80.08
W-ALAM	55	W-ALAM-D3	0	330	15	-9.47	89.60
W-ALAM	55	W-ALAM-L2	0	230	7.2	-9.85	97.06
W-ALAM	55	W-ALAM-E1	0.5	280	10	-10.76	115.76
W-ALAM	55	W-ALAM-P1	0.5	1,300	85	-11.38	129.53
W-ALAM	55	W-ALAM-C1	0	470	23	-11.85	140.31
W-ALAM	55	W-ALAM-O2	0	810	46	-14.05	197.48
W-ALAM	55	W-ALAM-A1	0	330	9.7	-14.77	218.03
W-ALAM	55	W-ALAM-E2	0	420	16	-15.14	229.17
W-ALAM	55	W-ALAM-B3	0	510	17	-20.81	433.10
W-ALAM	55	W-ALAM-J2	0	670	27	-22.67	514.08
W-ALAM	55	W-ALAM-O1	0	88	41	34.48	1188.58
W-ALAM	55	W-ALAM-Q1	0.5	780	14	-43.83	1920.95
W-ALAM	55	W-ALAM-T1	0	1,700	220	93.96	8829.10
Not Used							
W-ALAM	55	W-ALAM-F2	0	160	230	218.14	47584.07
W-ALAM	55	W-ALAM-M2	0	690	440	388.84	151199.60



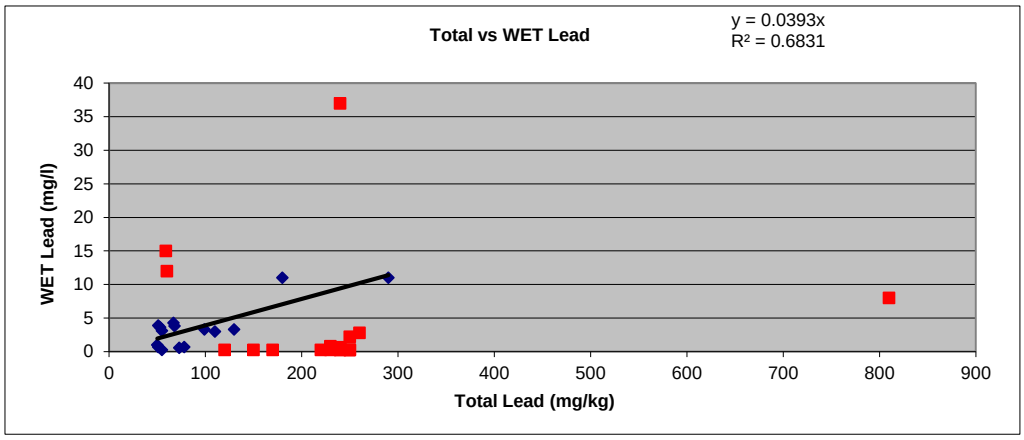


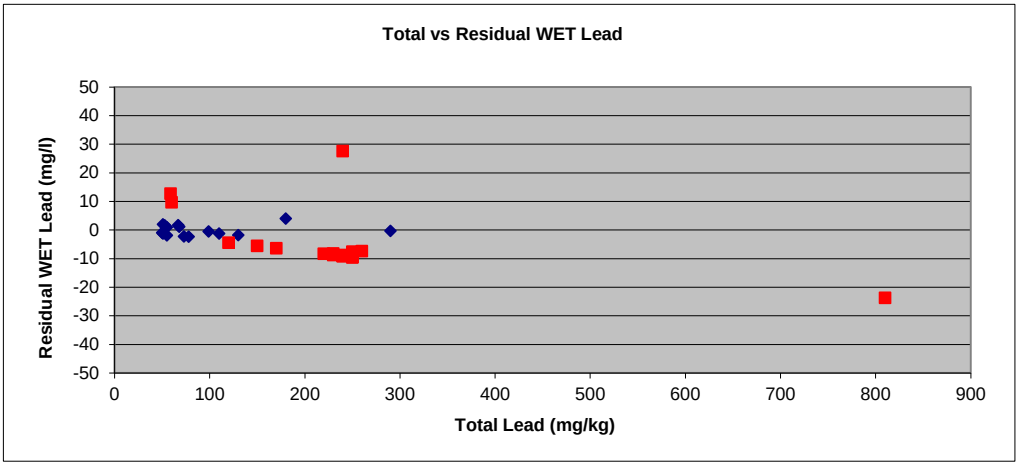
Group	Dataset	Sample ID	Sample Depth (feet)	Total Lead (mg/kg)	WET Lead (mg/l)	Residual WET Lead (mg/l)	Squared Residual WET Lead (mg/l)
E-CLIF	65	E-CLIF-H1	0.5	56	4.5	0.19	0.04
E-CLIF	65	E-CLIF-K2	0	50	4.7	0.85	0.73
E-CLIF	65	E-CLIF-T1	2.5	170	12	-1.08	1.16
E-CLIF	65	E-CLIF-J2	1.5	76	4.3	-1.55	2.39
E-CLIF	65	E-CLIF-S1	2.5	120	11	1.77	3.13
E-CLIF	65	E-CLIF-P1	0.5	210	14	-2.15	4.64
E-CLIF	65	E-CLIF-J1	0.5	100	5.3	-2.39	5.72
E-CLIF	65	E-CLIF-O1	0.5	360	25	-2.69	7.25
E-CLIF	65	E-CLIF-Q1	0	740	54	-2.92	8.54
E-CLIF	65	E-CLIF-G2	0	64	2.0	-2.92	8.54
E-CLIF	65	E-CLIF-G3	0.5	89	3.8	-3.05	9.28
E-CLIF	65	E-CLIF-I2	0.5	55	1.1	-3.13	9.80
E-CLIF	65	E-CLIF-H2	0.5	71	1.8	-3.66	13.41
E-CLIF	65	E-CLIF-S1	0.5	100	3.5	-4.19	17.57
E-CLIF	65	E-CLIF-J2	0.5	150	7.2	-4.34	18.82
E-CLIF	65	E-CLIF-T1	0.5	340	32	5.85	34.18
E-CLIF	65	E-CLIF-H3	0	180	7.9	-5.95	35.35
E-CLIF	65	E-CLIF-I2	0	110	1.7	-6.76	45.72
E-CLIF	65	E-CLIF-M1	0	700	47	-6.85	46.86
E-CLIF	65	E-CLIF-E5	0.5	160	5.2	-7.11	50.52
E-CLIF	65	E-CLIF-E4	0.5	120	1.9	-7.33	53.74
E-CLIF	65	E-CLIF-N1	0	640	41	-8.23	67.73
E-CLIF	65	E-CLIF-P1	1.5	140	1.9	-8.87	78.66
E-CLIF	65	E-CLIF-T1	1.5	250	10	-9.23	85.20
E-CLIF	65	E-CLIF-O1	0	790	70	9.23	85.23
E-CLIF	65	E-CLIF-R1	0.5	290	13	-9.31	86.63
E-CLIF	65	E-CLIF-H3	0.5	210	6.5	-9.65	93.19
E-CLIF	65	E-CLIF-L1	0	260	10	-10.00	99.99
E-CLIF	65	E-CLIF-Q1	2.5	140	0.25	-10.52	110.65
E-CLIF	65	E-CLIF-G3	0	210	4.3	-11.85	140.51
E-CLIF	65	E-CLIF-R1	0	2,000	170	16.16	261.03
E-CLIF	65	E-CLIF-Q1	0.5	910	52	-18.00	323.96
E-CLIF	65	E-CLIF-Q1	1.5	1,000	50	-26.92	724.78
E-CLIF	65	E-CLIF-T1	0	3,100	270	31.54	994.92
E-CLIF	65	E-CLIF-P1	0	2,500	140	-52.30	2735.77
E-CLIF	65	E-CLIF-S1	0	1,200	150	57.69	3328.58



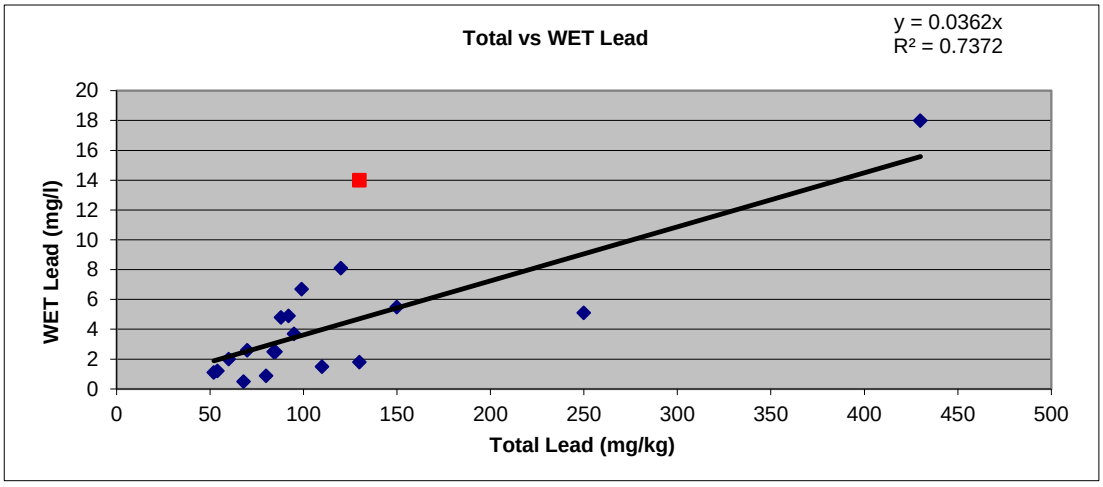


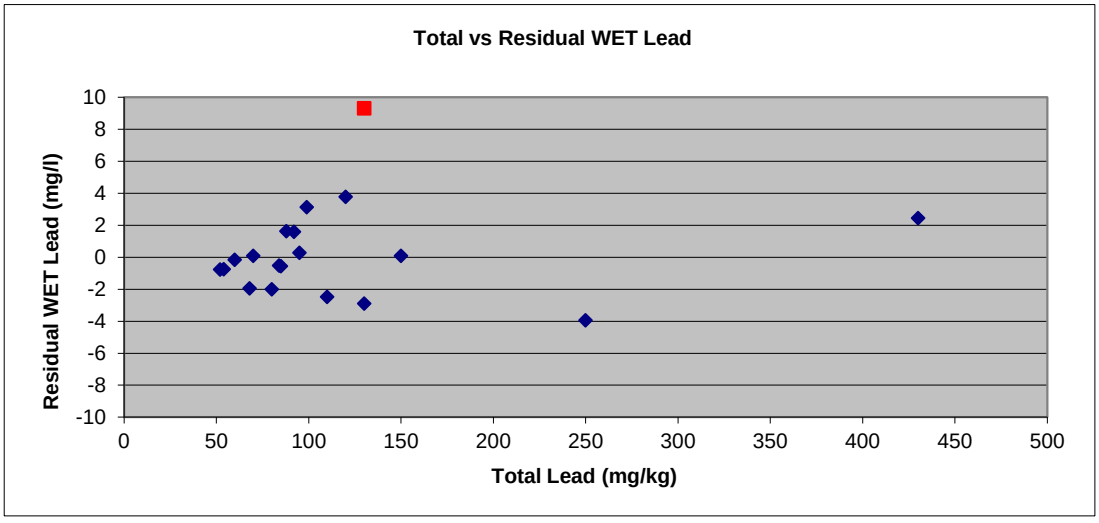
Group	Dataset	Sample ID	Sample Depth (feet)	Total Lead (mg/kg)	WET Lead (mg/l)	Residual WET Lead (mg/l)	Squared Residual WET Lead (mg/l)
W-505	72	W-505-TL1	0.5	290	11	-0.38	0.15
W-505	73	W-505-C1	0.5	99	3.3	-0.59	0.34
W-505	73	W-505-C1	0	55	3.1	0.94	0.89
W-505	73	W-505-Q1	1.5	50	0.98	-0.98	0.97
W-505	73	W-505-B2	0	68	3.8	1.13	1.28
W-505	72	W-505-WL1	0	51	0.69	-1.31	1.72
W-505	72	W-505-VL1	0	110	3.0	-1.32	1.74
W-505	72	W-505-SL1	0	53	3.6	1.52	2.31
W-505	73	W-505-D1	0	67	4.3	1.67	2.79
W-505	73	W-505-A1	0	130	3.3	-1.80	3.25
W-505	72	W-505-QL1	0.5	51	3.9	1.90	3.60
W-505	73	W-505-H2	1.5	55	0.25	-1.91	3.64
W-505	72	W-505-VL1	0.5	73	0.55	-2.32	5.36
W-505	73	W-505-D2	1.5	78	0.67	-2.39	5.72
W-505	73	W-505-C2	0	180	11	3.93	15.47
Not Used							
W-505	73	W-505-F2	2.5	120	0.25	-4.46	19.90
W-505	72	W-505-DL1	2.5	150	0.25	-5.64	31.79
W-505	72	W-505-GL1	1.5	170	0.25	-6.42	41.27
W-505	73	W-505-I1	0	260	2.8	-7.41	54.86
W-505	73	W-505-H2	0	250	2.2	-7.61	57.98
W-505	73	W-505-D1	2.5	230	0.79	-8.24	67.89
W-505	72	W-505-EL1	0	220	0.25	-8.39	70.34
W-505	72	W-505-EL1	2.5	230	0.25	-8.78	77.08
W-505	73	W-505-E1	0	240	0.63	-8.79	77.30
W-505	73	W-505-E1	0.5	240	0.54	-8.88	78.89
W-505	73	W-505-F1	1.5	240	0.25	-9.17	84.12
W-505	73	W-505-G2	2.5	240	0.25	-9.17	84.12
W-505	72	W-505-FL1	0	250	0.25	-9.56	91.48
W-505	72	W-505-FL1	0.5	250	0.25	-9.56	91.48
W-505	73	W-505-H2	0.5	250	0.25	-9.56	91.48
W-505	72	W-505-SL1	0.5	60	12	9.64	93.02
W-505	72	W-505-RL1	0	59	15	12.68	160.88
W-505	73	W-505-K1	0	810	8.0	-23.80	566.39
W-505	72	W-505-TL1	0	240	37	27.58	760.55





Group	Dataset	Sample ID	Sample Depth (feet)	Total Lead (mg/kg)	WET Lead (mg/l)	Residual WET Lead (mg/l)	Squared Residual WET Lead (mg/l)
E-NUT	76	E-NUT-M2	1.5	70	2.6	0.06	0.00
E-NUT	76	E-NUT-M4	1.5	150	5.5	0.06	0.00
E-NUT	76	E-NUT-L3	1.5	60	2.0	-0.17	0.03
E-NUT	76	E-NUT-M3	0.5	95	3.7	0.26	0.07
E-NUT	76	E-NUT-K1	2.5	84	2.5	-0.54	0.30
E-NUT	76	E-NUT-M4	2.5	85	2.5	-0.58	0.34
E-NUT	76	E-NUT-J4	0	54	1.2	-0.76	0.57
E-NUT	76	E-NUT-J5	0	52	1.1	-0.78	0.61
E-NUT	76	E-NUT-K2	1.5	92	4.9	1.57	2.45
E-NUT	76	E-NUT-K4	0.5	88	4.8	1.61	2.60
E-NUT	76	E-NUT-I1	1.5	68	0.50	-1.96	3.86
E-NUT	76	E-NUT-K5	0.5	80	0.88	-2.02	4.08
E-NUT	76	E-NUT-O1	1.5	430	18	2.42	5.85
E-NUT	76	E-NUT-K1	1.5	110	1.5	-2.49	6.18
E-NUT	76	E-NUT-L1	1.5	130	1.8	-2.91	8.47
E-NUT	76	E-NUT-M4	0.5	99	6.7	3.11	9.69
E-NUT	76	E-NUT-N1	1.5	120	8.1	3.75	14.08
E-NUT	76	E-NUT-P1	2.5	250	5.1	-3.96	15.67
Not Used							
E-NUT	76	E-NUT-N2	1.5	130	14	9.29	86.30



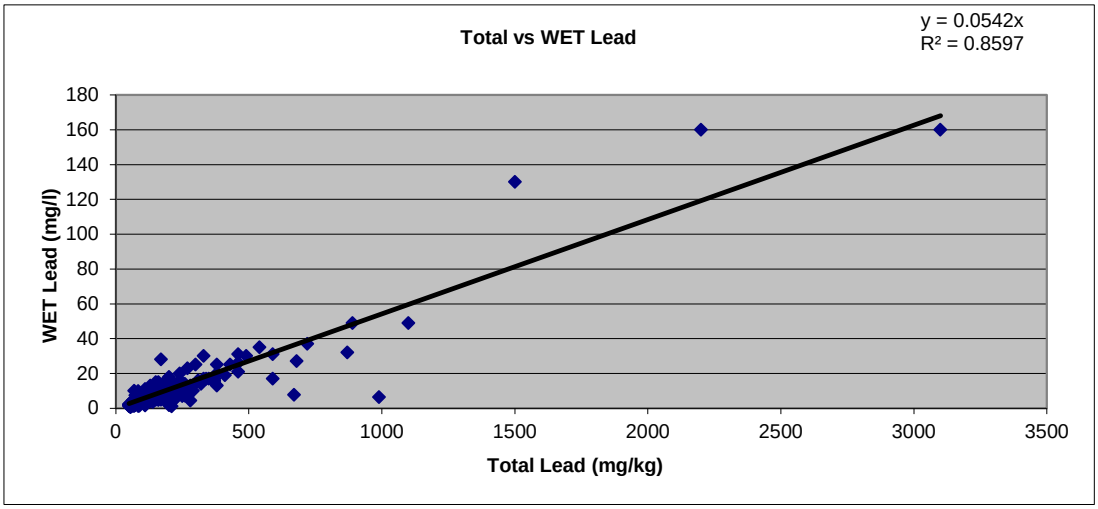


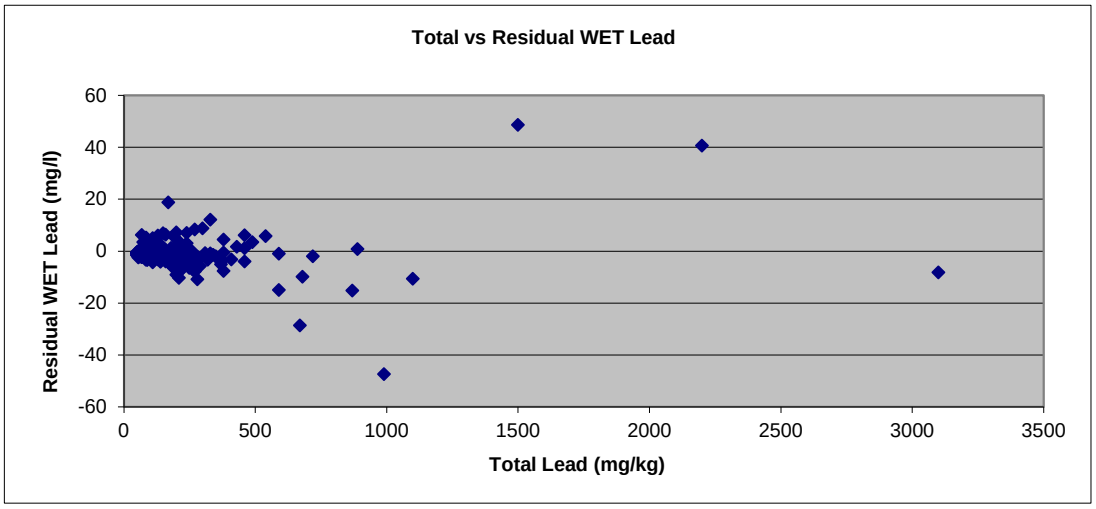
Group	Dataset	Sample ID	Sample Depth (feet)	Total Lead (mg/kg)	WET Lead (mg/l)	Residual WET Lead (mg/l)	Squared Residual WET Lead (mg/l)
E	60	E-MV27A-06	0	74	4.0	-0.01	0.00
E	38	E-MV16-02	0	63	3.4	-0.02	0.00
E	22	E-CM2	1.5	160	8.7	0.02	0.00
E	1	E-MV1-TEN-04	0.5	73	4.0	0.04	0.00
E	21	E-CC9-01	0	100	5.5	0.08	0.01
E	39	E-MV17-03	0.5	63	3.5	0.08	0.01
W	24	W-MV9-05	0	70	3.9	0.10	0.01
W	45	W-MV20-04	0	260	14	-0.10	0.01
W	13	W-MV4-01	0.5	140	7.7	0.11	0.01
W	45	W-MV20-03	0	200	11	0.15	0.02
W	4	W-MV2-RED-05	0.5	67	3.4	-0.23	0.06
E	27	E-CM3	0	84	4.3	-0.26	0.07
E	58	E-MV26B-06	0	110	5.7	-0.27	0.07
E	2	E-CC1-TEN	3.5	160	9.0	0.32	0.10
W	18	W-MV7A-05	0.5	100	5.1	-0.32	0.11
W	16	W-CM1-01	0.5	65	3.2	-0.33	0.11
W	16	W-CM1-01	0	64	3.8	0.33	0.11
E	47	E-CC22-01	0	50	2.3	-0.41	0.17
E	60	E-MV27A-04	0	100	5.0	-0.42	0.18
E	60	E-MV27A-04	0.5	64	3.9	0.43	0.18
E	2	E-CC1-TEN	0.5	250	14	0.44	0.19
W	44	W-CC21-01	2	71	3.4	-0.45	0.20
W	13	W-MV4-01	0	82	4.9	0.45	0.20
W	45	W-MV20-01	0.5	67	4.1	0.47	0.22
E	10	E-MV3B-04	0.5	51	2.3	-0.47	0.22
W	56	W-MV26A-02	0.5	89	5.3	0.47	0.22
W	4	W-MV2-RED-03	0.5	79	3.8	-0.49	0.24
W	45	W-MV20-02	0.5	120	7.0	0.49	0.24
E	17	E-MV5-AME-05	0.5	94	4.6	-0.50	0.25
W	15	W-MV6-AME-01	0	140	8.1	0.51	0.26
E	34	E-MV15-02	0	190	9.8	-0.51	0.26
W	49	W-MV24-05	0	63	2.9	-0.52	0.27
W	19	W-CC7-01	0	52	2.3	-0.52	0.27
W	15	W-MV6-AME-05	0.5	100	4.9	-0.52	0.28
W	4	W-MV2-RED-02	0	61	2.7	-0.61	0.37
W	15	W-MV6-AME-02	0	380	20	-0.61	0.38
E	37	E-CC17-01	0	110	6.6	0.63	0.40
W	4	W-MV2-RED-06	0.5	56	2.4	-0.64	0.41
W	56	W-MV26A-01	0.5	93	4.4	-0.65	0.42
E	33	E-MV14-05	0	71	3.2	-0.65	0.42
W	36	W-CC16-01	0	53	2.2	-0.68	0.46
W	51	W-MV23-06	0	190	11	0.69	0.48
E	75	E-CC30-01	0	79	5.0	0.71	0.51
W	46	W-MV21-03	0	890	49	0.72	0.52
E	39	E-MV17-03	0	65	2.8	-0.73	0.53
E	11	E-MV3A-04	0.5	54	2.2	-0.73	0.53
E	58	E-MV26B-05	0	84	5.3	0.74	0.55
E	58	E-MV26B-02	0	130	7.8	0.75	0.56
E	26	E-MV11-04	0	75	3.3	-0.77	0.59
E	17	E-MV5-AME-06	0	53	2.1	-0.78	0.60
E	52	E-MV22-02	0.5	310	16	-0.82	0.67
E	60	E-MV27A-05	0	76	3.3	-0.82	0.68
E	26	E-MV11-05	0	64	4.3	0.83	0.69
W	14	W-CC6-01	0	69	2.9	-0.84	0.71
W	45	W-MV20-06	0.5	130	6.2	-0.85	0.73
W	45	W-MV20-06	0	150	9.0	0.86	0.74
W	4	W-MV2-RED-05	0	51	1.9	-0.87	0.75
W	46	W-MV21-06	0.5	68	2.8	-0.89	0.79
W	56	W-MV26A-06	0	330	17	-0.90	0.81
W	4	W-MV2-RED-01	0	61	2.4	-0.91	0.83
W	4	W-MV2-RED-04	0	63	2.5	-0.92	0.84
E	58	E-MV26B-01	0	200	9.9	-0.95	0.90
E	17	E-MV5-AME-06	0.5	64	2.5	-0.97	0.94
W	23	W-CC10-01	0.5	77	3.2	-0.98	0.95
W	13	W-MV4-06	0	240	14	0.98	0.96
E	25	E-CC11-01	0	140	6.6	-0.99	0.99
E	34	E-MV15-05	0	590	31	-1.01	1.01
E	17	E-MV5-AME-03	0	50	1.7	-1.01	1.02
E	41	E-CC19-01	0	240	12	-1.02	1.04
E	11	E-MV3A-06	0.5	56	2.0	-1.04	1.08

E	52	E-MV22-05	0	93	4.0	-1.05	1.09
W	15	W-MV6-AME-02	0.5	460	26	1.05	1.09
W	4	W-MV2-RED-03	0	53	1.8	-1.08	1.16
W	51	W-MV23-05	0	79	3.2	-1.09	1.18
W	15	W-MV6-AME-04	0.5	57	2.0	-1.09	1.19
E	59	E-CC26-01	0	140	6.5	-1.09	1.20
W	43	W-MV19A-TEX-04	0.5	52	1.7	-1.12	1.26
W	13	W-MV4-02	0.5	130	5.9	-1.15	1.33
W	46	W-MV21-01	0	97	4.1	-1.16	1.35
W	14	W-CC6-01	0.5	55	1.8	-1.18	1.40
W	51	W-MV23-03	0.5	140	6.4	-1.19	1.43
W	15	W-MV6-AME-01	0.5	190	9.1	-1.21	1.46
W	50	W-CC23-01	0	100	4.2	-1.22	1.50
W	43	W-MV19A-TEX-05	0	180	11	1.24	1.53
W	4	W-MV2-RED-01	0.5	55	1.7	-1.28	1.65
E	1	E-MV1-TEN-03	0.5	74	5.3	1.29	1.65
W	9	W-MV3C-LOOP-03	0	95	3.8	-1.35	1.83
W	46	W-MV21-02	0	79	2.9	-1.39	1.92
W	24	W-MV9-02	0	210	10	-1.39	1.94
W	51	W-MV23-03	0	210	10	-1.39	1.94
W	9	W-MV3C-LOOP-04	0	59	1.8	-1.40	1.96
E	1	E-MV1-TEN-06	0	340	17	-1.44	2.09
E	37	E-CC17-01	0.5	71	2.4	-1.45	2.11
W	54	W-MV25-06	0	180	8.3	-1.46	2.15
E	39	E-MV17-02	0.5	64	2.0	-1.47	2.17
W	18	W-MV7A-06	0	79	2.8	-1.49	2.21
E	6	E-MV3-03	0.5	140	6.1	-1.49	2.23
E	26	E-MV11-03	0.5	50	1.2	-1.51	2.29
E	26	E-MV11-06	0	52	1.3	-1.52	2.31
W	49	W-MV24-02	0.5	52	1.3	-1.52	2.31
E	61	E-MV28-05	0	67	2.1	-1.53	2.36
E	34	E-MV15-03	0.5	60	1.7	-1.55	2.42
W	43	W-MV19A-TEX-04	0	81	6.0	1.61	2.58
W	24	W-MV9-06	0	61	1.7	-1.61	2.59
E	38	E-MV16-03	0.5	85	3.0	-1.61	2.60
W	57	W-CC25-01	0	170	7.6	-1.62	2.63
E	74	E-MV32-02	0	60	1.6	-1.65	2.74
W	46	W-MV21-06	0	180	8.1	-1.66	2.77
E	6	E-MV3-04	0	430	25	1.67	2.80
E	25	E-CC11-01	0.5	55	1.3	-1.68	2.83
E	10	E-MV3B-05	0	81	2.7	-1.69	2.87
W	49	W-MV24-05	0.5	120	4.8	-1.71	2.92
W	64	W-MV28A-05	0.5	150	6.4	-1.74	3.02
W	49	W-MV24-03	0.5	56	1.3	-1.74	3.02
W	51	W-MV23-06	0.5	150	6.3	-1.84	3.38
E	26	E-MV11-01	0.5	86	2.8	-1.87	3.48
W	44	W-CC21-01	0	110	4.1	-1.87	3.49
W	56	W-MV26A-05	0.5	88	2.9	-1.87	3.51
E	33	E-MV14-06	0	79	2.4	-1.89	3.56
E	58	E-MV26B-04	0	120	8.4	1.89	3.57
E	11	E-MV3A-03	0.5	86	2.7	-1.97	3.86
W	18	W-MV7A-02	0	350	17	-1.99	3.95
W	64	W-MV28A-03	0.5	140	5.6	-1.99	3.98
E	26	E-MV11-03	0	98	3.3	-2.02	4.07
W	64	W-MV28A-04	0.5	130	5.0	-2.05	4.21
E	1	E-MV1-TEN-05	0.5	720	37	-2.06	4.24
E	39	E-MV17-04	0	72	1.8	-2.11	4.43
W	23	W-CC10-01	0	120	4.4	-2.11	4.45
W	18	W-MV7A-04	0.5	170	7.1	-2.12	4.50
W	56	W-MV26A-03	0.5	150	6.0	-2.14	4.57
E	30	E-MV13-06	0.5	60	1.1	-2.15	4.64
W	13	W-MV4-02	0	280	13	-2.19	4.79
E	52	E-MV22-02	0	140	9.8	2.21	4.86
E	6	E-MV3-03	0	170	7.0	-2.22	4.94
E	74	E-MV32-06	0	71	1.6	-2.25	5.07
E	6	E-MV3-02	0.5	130	4.8	-2.25	5.07
W	45	W-MV20-05	0.5	120	4.2	-2.31	5.33
E	26	E-MV11-02	0.5	90	2.5	-2.38	5.68
E	10	E-MV3B-06	0	68	1.3	-2.39	5.71
E	2	E-CC1-TEN	0	140	10	2.41	5.79
W	24	W-MV9-06	0.5	170	6.8	-2.42	5.87
E	41	E-CC19-01	0.5	55	0.53	-2.45	6.02

W	43	W-MV19A-TEX-03	0	87	2.2	-2.52	6.35
E	11	E-MV3A-02	0.5	130	4.5	-2.55	6.51
E	34	E-MV15-03	0	250	11	-2.56	6.56
W	64	W-MV28A-01	0.5	160	6.1	-2.58	6.65
E	6	E-MV3-01	0	210	14	2.61	6.80
W	13	W-MV4-03	0	160	6.0	-2.68	7.18
E	1	E-MV1-TEN-02	0.5	290	13	-2.73	7.46
E	2	E-CC1-TEN	1.5	110	8.7	2.73	7.47
W	45	W-MV20-03	0.5	240	16	2.98	8.88
W	15	W-MV6-AME-03	0	370	17	-3.07	9.44
E	11	E-MV3A-03	0	150	4.9	-3.24	10.48
W	51	W-MV23-02	0	410	19	-3.24	10.51
W	43	W-MV19A-TEX-06	0	130	3.8	-3.25	10.58
W	49	W-MV24-06	0.5	110	2.7	-3.27	10.67
W	16	W-CM1-01	1.5	84	1.2	-3.36	11.27
E	6	E-MV3-01	0.5	320	14	-3.36	11.28
W	45	W-MV20-01	0	74	7.4	3.39	11.46
W	56	W-MV26A-05	0	490	30	3.42	11.69
E	48	E-MV21-03	0	89	1.4	-3.43	11.75
W	56	W-MV26A-02	0	210	15	3.61	13.02
W	43	W-MV19A-TEX-02	0	210	7.7	-3.69	13.63
E	6	E-MV3-02	0	220	8.0	-3.93	15.48
W	54	W-MV25-02	0	460	21	-3.95	15.63
E	38	E-MV16-06	0.5	110	2.0	-3.97	15.74
W	64	W-MV28A-02	0.5	160	4.7	-3.98	15.84
E	34	E-MV15-06	0	110	10	4.03	16.26
E	52	E-MV22-03	0	370	16	-4.07	16.58
E	30	E-MV13-06	0	140	3.5	-4.09	16.77
W	13	W-MV4-04	0.5	260	10	-4.10	16.85
W	54	W-MV25-03	0	260	10	-4.10	16.85
E	11	E-MV3A-06	0	200	6.7	-4.15	17.22
E	39	E-MV17-02	0	170	4.9	-4.32	18.68
W	43	W-MV19A-TEX-02	0.5	110	1.6	-4.37	19.07
E	27	E-CM3	0.5	380	25	4.39	19.24
E	6	E-MV3-06	0	270	10	-4.65	21.59
W	51	W-MV23-05	0.5	210	6.5	-4.89	23.93
W	24	W-MV9-01	0.5	110	11	5.03	25.33
E	11	E-MV3A-04	0	370	15	-5.07	25.72
E	17	E-MV5-AME-03	0.5	220	6.8	-5.13	26.36
W	13	W-MV4-03	0.5	85	9.8	5.19	26.93
E	38	E-MV16-03	0	190	16	5.69	32.41
E	60	E-MV27A-03	0	540	35	5.71	32.56
W	13	W-MV4-05	0	290	10	-5.73	32.85
W	4	W-MV2-RED-04	0.5	260	8.3	-5.80	33.69
W	45	W-MV20-02	0	130	13	5.95	35.38
E	1	E-MV1-TEN-05	0	460	31	6.05	36.55
W	24	W-MV9-04	0.5	69	10	6.26	39.15
E	2	E-CC1-TEN	2.5	160	15	6.32	39.95
W	54	W-MV25-02	0.5	250	7.2	-6.36	40.47
E	3	E-CC2	0	250	7.1	-6.46	41.76
E	39	E-MV17-01	0.5	190	3.7	-6.61	43.65
E	11	E-MV3A-02	0	220	5.2	-6.73	45.35
E	22	E-CM2	0.5	150	15	6.86	47.10
E	52	E-MV22-06	0	260	7.2	-6.90	47.67
W	56	W-MV26A-06	0.5	220	5.0	-6.93	48.09
W	45	W-MV20-04	0.5	240	20	6.98	48.73
E	39	E-MV17-04	0.5	220	4.8	-7.13	50.90
W	45	W-MV20-05	0	200	18	7.15	51.13
W	18	W-MV7A-01	0	380	13	-7.61	57.98
E	11	E-MV3A-01	0	270	6.8	-7.85	61.57
E	1	E-MV1-TEN-03	0	3,100	160	-8.17	66.72
W	13	W-MV4-05	0.5	270	23	8.35	69.77
W	56	W-MV26A-01	0	300	25	8.73	76.14
E	6	E-MV3-04	0.5	200	1.7	-9.15	83.71
W	18	W-MV7A-05	0	680	27	-9.89	97.78
E	6	E-MV3-05	0.5	210	1.1	-10.29	105.93
E	38	E-MV16-06	0	1,100	49	-10.67	113.90
W	24	W-MV9-05	0.5	280	4.3	-10.89	118.58
W	56	W-MV26A-03	0	330	30	12.10	146.37
W	46	W-MV21-03	0.5	590	17	-15.01	225.19
W	56	W-MV26A-04	0	870	32	-15.20	230.91
W	15	W-MV6-AME-05	0	170	28	18.78	352.61

E	11	E-MV3A-01	0.5	670	7.7	-28.65	820.60
E	1	E-MV1-TEN-02	0	2,200	160	40.65	1652.81
W	54	W-MV25-05	0	990	6.3	-47.41	2247.27
E	38	E-MV16-01	0.5	1,500	130	48.63	2364.71





Soil Excavation Profile
W-R37 (Dataset 5)

90% UCL Total Lead (mg/kg)

Excavation Depth (ft)	Distance from EOP (ft)			
	0 to 3	**3 to 6**	**6 to 9**	**>9**
0				
	158.1	211.8	48.2	55.4
0.5				
	4.2	28.2	21.9	68.0
1				
	4.2	*28.2*	*21.9*	*68.0*
1.5				
	4.0	45.9	56.3	53.8
2				
	4.0	*45.9*	*56.3*	*53.8*
2.5				
	3.5	112.3	60.3	60.2
3				

Predicted WET Lead (mg/l)

Excavation Depth (ft)	Distance from EOP (ft)			
	0 to 3	**3 to 6**	**6 to 9**	**>9**
0				
	7.1	9.6	2.2	2.5
0.5				
	0.2	1.3	1.0	3.1
1				
	0.2	*1.3*	*1.0*	*3.1*
1.5				
	0.2	2.1	2.5	2.4
2				
	0.2	*2.1*	*2.5*	*2.4*
2.5				
	0.2	5.1	2.7	2.7
3				

Notes:

UCL = Upper Confidence Limit (90% UCL is applicable for waste classification; 95% UCL applicable for risk assessment)
mg/kg = milligrams per kilogram
mg/l = milligrams per liter
Shaded areas indicate profile intervals classified as California hazardous waste based on predicted WET lead concentrations ≥5.0 mg/l
Italics indicate no unique sample for this interval.
Data carried down from previous upper level depth interval.
EOP = Edge of pavement

Regression Line Slope: $y = 0.0451$

Soil Excavation Profile
W-ALAM (Dataset 55)

90% UCL Total Lead (mg/kg)

Excavation Depth (ft)	Distance from EOP (ft)			
	0 to 3	**3 to 6**	**6 to 9**	**>9**
0				
	317.6	608.2	670.0	444.7
0.5				
	288.9	90.2	63.0	62.6
1				
	288.9	*90.2*	*63.0*	*62.6*
1.5				
	45.2	51.0	31.0	26.9
2				
	45.2	*51.0*	*31.0*	*26.9*
2.5				
	20.9	23.2	24.0	18.3
3				

Predicted WET Lead (mg/l)

Excavation Depth (ft)	Distance from EOP (ft)			
	0 to 3	**3 to 6**	**6 to 9**	**>9**
0				
	23.5	45.1	49.6	33.0
0.5				
	21.4	6.7	4.7	4.6
1				
	21.4	*6.7*	*4.7*	*4.6*
1.5				
	3.3	3.8	2.3	2.0
2				
	3.3	*3.8*	*2.3*	*2.0*
2.5				
	1.5	1.7	1.8	1.4
3				

Notes:

UCL = Upper Confidence Limit (90% UCL is applicable for waste classification; 95% UCL applicable for risk assessment)
mg/kg = milligrams per kilogram
mg/l = milligrams per liter
Shaded areas indicate profile intervals classified as California hazardous waste based on predicted WET lead concentrations ≥5.0 mg/l
Italics indicate no unique sample for this interval.
Data carried down from previous upper level depth interval.
EOP = Edge of pavement

Regression Line Slope: $y = 0.0741$

Soil Excavation Profile
E-CLIF (Dataset 65)

90% UCL Total Lead (mg/kg)

Excavation Depth (ft)	Distance from EOP (ft)			
	0 to 3	**3 to 6**	**6 to 9**	**>9**
0				
	829.7	42.0	93.4	19.4
0.5				
	178.0	52.1	73.6	55.5
1				
	178.0	*52.1*	*73.6*	*55.5*
1.5				
	136.2	24.0	12.8	14.8
2				
	136.2	*24.0*	*12.8*	*14.8*
2.5				
	41.6	6.5	5.4	13.6
3				

Predicted WET Lead (mg/l)

Excavation Depth (ft)	Distance from EOP (ft)			
	0 to 3	**3 to 6**	**6 to 9**	**>9**
0				
	63.8	3.2	7.2	1.5
0.5				
	13.7	4.0	5.7	4.3
1				
	13.7	*4.0*	*5.7*	*4.3*
1.5				
	10.5	1.8	1.0	1.1
2				
	10.5	*1.8*	*1.0*	*1.1*
2.5				
	3.2	0.5	0.4	1.0
3				

Notes:

UCL = Upper Confidence Limit (90% UCL is applicable for waste classification; 95% UCL applicable for risk assessment)
mg/kg = milligrams per kilogram
mg/l = milligrams per liter
Shaded areas indicate profile intervals classified as California hazardous waste based on predicted WET lead concentrations ≥5.0 mg/l
Italics indicate no unique sample for this interval.
Data carried down from previous upper level depth interval.
EOP = Edge of pavement

Regression Line Slope: $y = 0.0769$

Soil Excavation Profile
W-505 (Dataset 73)

90% UCL Total Lead (mg/kg)

Excavation Depth (ft)	Distance from EOP (ft)	
	0 to 3	**3 to 6**
0		
	167.2	106.1
0.5		
	54.5	70.7
1		
	54.5	*70.7*
1.5		
	41.8	36.9
2		
	41.8	*36.9*
2.5		
	42.0	78.5
3		

Predicted WET Lead (mg/l)

Excavation Depth (ft)	Distance from EOP (ft)	
	0 to 3	**3 to 6**
0		
	6.6	4.2
0.5		
	2.1	2.8
1		
	2.1	*2.8*
1.5		
	1.6	1.5
2		
	1.6	*1.5*
2.5		
	1.7	3.1
3		

Notes:

UCL = Upper Confidence Limit (90% UCL is applicable for waste classification; 95% UCL applicable for risk assessment)
mg/kg = milligrams per kilogram
mg/l = milligrams per liter
Shaded areas indicate profile intervals classified as California hazardous waste based on predicted WET lead concentrations ≥5.0 mg/l
Italics indicate no unique sample for this interval.
Data carried down from previous upper level depth interval.
EOP = Edge of Pavement

Regression Line Slope: $y = 0.0393$

Soil Excavation Profile
E-NUT (Dataset 76)

90% UCL Total Lead (mg/kg)

Excavation Depth (ft)	Distance from EOP (ft)			
	0 to 3	**3 to 6**	**6 to 9**	**>9**
0				
	9.4	11.2	17.6	29.4
0.5				
	10.3	14.1	38.3	43.9
1				
	10.3	*14.1*	*38.3*	*43.9*
1.5				
	91.9	38.5	49.8	33.8
2				
	91.9	*38.5*	*49.8*	*33.8*
2.5				
	48.9	12.0	8.6	24.2
3				

Predicted WET Lead (mg/l)

Excavation Depth (ft)	Distance from EOP (ft)			
	0 to 3	**3 to 6**	**6 to 9**	**>9**
0				
	0.3	0.4	0.6	1.1
0.5				
	0.4	0.5	1.4	1.6
1				
	0.4	*0.5*	*1.4*	*1.6*
1.5				
	3.3	1.4	1.8	1.2
2				
	3.3	*1.4*	*1.8*	*1.2*
2.5				
	1.8	0.4	0.3	0.9
3				

Notes:

UCL = Upper Confidence Limit (90% UCL is applicable for waste classification; 95% UCL applicable for risk assessment)
mg/kg = milligrams per kilogram
mg/l = milligrams per liter
Shaded areas indicate profile intervals classified as California hazardous waste based on predicted WET lead concentrations ≥5.0 mg/l
Italics indicate no unique sample for this interval.
Data carried down from previous upper level depth interval.
EOP = Edge of pavement

Regression Line Slope: $y = 0.0362$