

**For Contract No. 07-294904  
At 07-LA-5-6.8/13.8**

**Identified by  
Project ID 0713000002**

## **MATERIALS INFORMATION**

Aerially Deposited Lead Investigation Report

Fiber Optic System As-Built Drawings

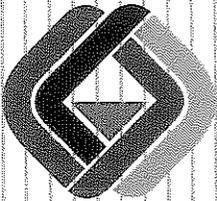
# Aerially Deposited Lead Investigation Report

**VOLUME 1  
AERIALY DEPOSITED LEAD  
INVESTIGATION REPORT**

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**ROUTE 5 FROM THE ORANGE COUNTY  
LINE TO THE ROUTE 605  
KP 0.0/10.99 (PM 0.0/6.83)  
LOS ANGELES COUNTY, CALIFORNIA  
CONTRACT NO. 43A0078  
TASK ORDER NO. 07-2159A0-RR**



**GEOCON**

CONSULTANTS, INC

**GEOTECHNICAL  
ENVIRONMENTAL  
MATERIALS**

PREPARED FOR

**CALIFORNIA DEPARTMENT  
OF TRANSPORTATION  
DISTRICT 7  
LOS ANGELES, CALIFORNIA**

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**SEPTEMBER 19, 2002**



Project No. 09100-06-49  
Task Order No. 07-2159A0-RR  
September 19, 2002

OVERNIGHT DELIVERY

Mr. Richard Stewart  
California Department of Transportation – District 6  
Central Region Environmental Division  
Hazardous Waste Branch  
2015 E. Shields Avenue, Suite 100  
Fresno, California 93726

Subject: AERIALY DEPOSITED LEAD INVESTIGATION REPORT  
PROPOSED WIDENING PROJECT  
ROUTE 5 FROM THE ORANGE COUNTY LINE TO ROUTE 605  
KP 0.0/10.99 (PM 0.0/6.83)  
LOS ANGELES COUNTY, CALIFORNIA  
CONTRACT NO. 43A0078  
TASK ORDER NO. 07-2159A0-RR

Dear Mr. Stewart:

In accordance with Caltrans Contract No. 43A0078 and Task Order No. 07-2159A0-RR dated June 13, 2002, Geocon Consultants, Inc. has performed an aerially deposited lead (ADL) investigation at the site consisting of the exposed soil up to 3 meters from the edge of pavement at selected locations along Route 5 from the Orange County line to Route 605 in Los Angeles County, California. The accompanying report summarizes the services performed, including the advancement of hand-auger borings, limited soil sampling, laboratory analyses, statistical analyses, and Geographical Information Systems (GIS) Surveying. Please call us if you have any questions.

Sincerely,

**GEOCON CONSULTANTS, INC.**



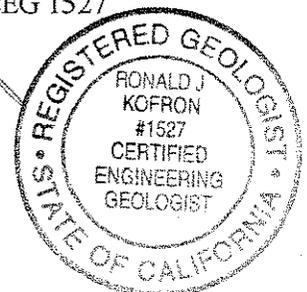
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## I. EXECUTIVE SUMMARY

Geocon Consultants, Inc. (Geocon) has performed an aerially deposited lead (ADL) investigation at the site consisting of the exposed soils up to 3 meters (m) from the edge of pavement in Los Angeles County, California. The California Department of Transportation (Caltrans) proposes to excavate soil at the site as part of a highway widening project.

The investigation was performed to evaluate the presence of lead resulting from the historical combustion of leaded fuels from freeway traffic. Data from the investigation was used to evaluate the potential reuse or disposal considerations for soil excavated at the site, and to inform Caltrans of potential health and safety issues concerning the presence of lead in soil for workers at the site during construction activities.

Soil samples collected from the site were subsequently analyzed for total lead, soil pH, soluble lead using the Waste Extraction Test (WET) method using citric acid as the extractant, and soluble lead using a modified WET method using deionized water (WET-DI) as the extractant. In addition, selected soil samples were analyzed for soluble lead using the Toxicity Characteristic Leaching Procedure (TCLP) method, and Title 22 metals.

The site was divided into two unique areas of investigation as directed in the Task Order. Laboratory analytical results and statistical analysis using 90% upper one-sided confidence limits (UCLs) were compared to the guidelines of the Department of Toxic Substances Control (DTSC) Lead Variance issued to Caltrans and Assembly Bill (AB) 414 to develop recommendations for reuse of soil from each area. Offsite disposal conclusions were based upon comparison of 95% UCLs and predicted WET-Citric results to California Code of Regulations (CCR) Title 22 criteria and California Health and Safety Code (HSC) limit of 350 mg/kg total lead. These conclusions are presented below:

**Northbound** - Based upon the 90% arcsine transformed UCLs and average WET-DI results, the upper 0.9 m of soil is likely suitable for re-use in Caltrans rights-of-way. The soil should be placed under pavement and at least 1.5 m above maximum groundwater in accordance with the DTSC variance.

Based upon the 95% arcsine transformed UCLs and predicted WET-Citric results, if any portion of the upper 0.9 m of excavated soil is to be disposed, it should be handled as a hazardous material with respect to total and soluble lead content. Other Title 22 metals do not appear to be a concern; however, additional sampling and statistical analyses would be necessary to fully characterize this soil. Caltrans should notify the contractors performing the construction activities that hazardous concentrations of lead may be present in onsite soil and that appropriate health and safety measures should be taken to minimize the exposure to lead.

**Southbound** - Based upon the 90% arcsine transformed UCLs and average WET-DI results, the upper 0.9 m of soil is likely suitable for re-use in Caltrans rights-of-way. The soil should be placed under pavement and at least 1.5 m above maximum groundwater in accordance with the DTSC variance.

Based upon the 95% arcsine transformed UCLs and predicted WET-Citric results, if any portion of the upper 0.9 m of excavated soil is to be disposed, it should be handled as a hazardous material with respect to total and soluble lead content. Other Title 22 metals do not appear to be a concern; however, additional sampling and statistical analyses would be necessary to fully characterize this soil. Caltrans should notify the contractors performing the construction activities that hazardous concentrations of lead may be present in onsite soil and that appropriate health and safety measures should be taken to minimize the exposure to lead.

# AERIALY DEPOSITED LEAD INVESTIGATION REPORT

## 1. INTRODUCTION

### 1.1 Project Description and Objectives

Geocon has performed an ADL investigation at the site consisting of the exposed soil up to 3 m from the edge of pavement at selected locations along Route 5 from the Orange County line to Route 605 KP 0.0/10.99 (PM 0.0/6.83) in Los Angeles County, California (Figure 1).

The objective of the ADL investigation was to evaluate soil at the site for the presence of lead resulting from the historical combustion of leaded fuels from freeway traffic. The information obtained from the limited soil sampling and laboratory testing was used to determine the method of reuse or disposal of soil excavated during the proposed construction activities at the site. The data was also used to inform Caltrans of potential health and safety issues for workers at the site during construction activities. For the purpose of this ADL investigation, the site was divided into two unique areas of investigation (Northbound and Southbound).

### 1.2 Scope of Work

Geocon performed the following tasks:

#### 1.2.1 Pre-field Activities

- Attended a Task Order meeting on June 24, 2002, to discuss issues such as field methods, boring locations, health and safety measures, and the completion schedule.
- Prepared a Health and Safety Plan (H&SP) dated July 3, 2002, for the proposed activities. The Health and Safety Plan included guidelines for the use of personal protective equipment for Geocon employees during the field activities. The H&SP specifies the safety procedures for work to be performed at the site, chemical hazard information, site safety officers, and medical emergency locations. The H&SP was prepared as required by Contract 43A0078 in general accordance with 29 CFR 1910.120 and CCR Title 8.
- Contacted Underground Service Alert (USA) to notify utility companies of the field activities. USA ticket numbers were A895694, A895677, A895728, A895722, A895713, A895706, and A895700.

#### 1.2.2 Limited Soil Sampling

A 7.62-centimeter-diameter hand auger was used to collect 804 soil samples from 228 boring locations along the shoulders of Route 5. Sampling activities were conducted between July 9 and 16, 2002.

Boring locations were spaced approximately 300 feet apart as specified on Page 4 of Task Order 07-2159A0-RR, dated June 13, 2002. The borings were advanced to a maximum depth of 0.9 m below the ground surface, and soil samples were collected at 0.15, 0.3, 0.6, and 0.9 m. The approximate boring locations are shown on the Boring Location Map, Figure 2. The borings were backfilled with the soil cuttings generated.

### **1.2.3 Laboratory Analyses**

Geocon submitted the soil samples under chain of custody procedures to Advanced Technology Laboratories (ATL), a California Department of Health Services (CDOHS)-certified analytical laboratory. All soil samples were analyzed for total lead following United States Environmental Protection Agency (EPA) Test Method 6010B. Soil samples exhibiting total lead concentrations greater than or equal to 50 milligrams per kilograms (mg/kg) and less than 1,000 mg/kg were analyzed for soluble lead following EPA Test Method 7420 using the WET-Citric method. Samples exhibiting WET-Citric concentrations greater than or equal to 5 milligrams per liter (mg/l) were analyzed for soluble lead following EPA Test Method 7420 using the WET-DI method. Samples exhibiting total lead concentrations greater than or equal to 1,000 mg/kg were analyzed using the TCLP method. A total of fifteen samples from each direction were also analyzed for the Title 22 metals. Title 22 metals analysis was assigned to the fifteen samples from each direction exhibiting the highest total lead concentrations. In addition, ten percent of the soil samples were analyzed for pH following EPA Test Method 9045.

Equipment blanks were analyzed for total lead using EPA Test Method 6010B.

### **1.2.4 GIS Surveying**

Each boring location was recorded using a Global Positioning System (GPS) receiver. Data was recorded using the Axis III™ receiver system, using State Plane 83 coordinates, with the IMAP™ software package. Boring location coordinates, in latitude and longitude, are provided in Appendix A.

### **1.2.5 Report Preparation**

This report was prepared as outlined in Contract No. 43A0078 and in Task Order No. 07-2159A0-RR, summarizing the results of the aerially deposited lead investigation activities requested by Caltrans.

### 1.3 Previous Site Investigations

Geocon has not performed a previous soil investigation at the site. In addition, Caltrans has not notified Geocon of previous investigations performed at the site.

## 2. BACKGROUND

### 2.1 Aerially Deposited Lead in Soil

Testing by Caltrans throughout the State has shown that aerially-deposited lead exists in soil along major freeway routes resulting from automobile exhaust containing lead from the combustion of leaded gasoline. Elevated lead concentrations are generally found within 9.1 m of the edge of pavement and within the top 0.15 m of soil. Elevated lead concentrations can also be present as deep as 0.6 to 0.9 m below the surface. The concentration and distribution of aerially-deposited lead in soil is dependent on many variables, but in general, traffic volume and age of a highway are the primary factors.

### 2.2 Hazardous Waste Classification 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), §261.

For a waste containing metals, the waste is classified as "California hazardous" when: (1) the total metal content exceeds the Total Threshold Limit Concentration (TTLC); or (2) the soluble metal content exceeds the Soluble Threshold Limit Concentration (STLC) based on a Waste Extraction Test (WET) analysis. A material is classified as "RCRA hazardous" when the soluble metal content exceeds the Federal Regulatory Level based on TCLP testing.

The above regulatory criteria are based on toxicity. Wastes may also be classified as hazardous based on other criteria including ignitability, toxicity, corrosivity, and reactivity. However, for the purposes of ADL investigations, toxicity and corrosivity (i.e., chemical concentrations and soil pH values, respectively) are the primary factors considered for waste classification. Waste that is classified as either "California hazardous" or "RCRA hazardous" requires management as a hazardous waste and disposal at an approved disposal facility.

According to §25157.8 of the HSC, after January 1, 1999, no person shall dispose of waste that contains total lead in excess of 350 mg/kg to land other than a Class I hazardous waste disposal facility (or other designated facility meeting all the criteria in HSC 25157.8(b)(3)) is prohibited.

The DTSC issued a variance to selected Caltrans Districts on September 22, 2000, to provide guidance for the disposition of soil containing ADL within Caltrans projects. The California State Assembly passed AB 414 dated October 14, 2001 which allows Caltrans to reuse lead impacted soil within their rights-of-way provided that total lead concentrations do not exceed 1,496 mg/kg. Review of the variance and AB 414 indicates the following conditions regarding Caltrans' reuse and management of ADL-impacted soil as fill material for construction and maintenance operations.

### **2.2.1 Condition 1**

Soil exhibiting soluble lead concentrations less than or equal to 0.5 mg/l (WET-DI) and total lead concentrations of 1,496 mg/kg or less may be used as fill provided that the soil containing ADL is placed a minimum of 1.5 m above the maximum water table elevation and covered with at least 0.3 m of non-hazardous soil.

### **2.2.2 Condition 2**

Soil exhibiting soluble lead concentrations greater than 0.5 mg/l (WET-DI) and total lead concentrations of 1,496 mg/kg or less may be used as fill provided that the soil containing ADL is placed a minimum of 1.5 m above the maximum water table elevation and protected from infiltration by a pavement structure maintained by Caltrans.

### **2.2.3 Condition 3**

Contaminated soil with a pH less than 5.0 may be used as fill material only under the paved portion of the roadway. Condition 3 prevails under either Condition 1 or 2.

## **2.3 Criteria For Disposal Of Soil Not Intended For Reuse Onsite**

If the excavated soil is not intended to be reused within the Caltrans right-of-way, then hazardous waste determination of the soil is based on total and soluble lead concentrations using the lead TTLC and STLC contained in Title 22 of the CCR Article 3, §66261.24. When the total lead concentration is greater than ten times the lead STLC, regulatory agencies typically initiate the requirement for WET using citric acid. It is the result from the WET that is compared to the STLC value. The TTLC value for lead is 1,000 mg/kg and the STLC for lead using acid extract is 5.0 mg/l. However, as previously

indicated, disposal of waste that contains total lead in excess of 350 mg/kg to land other than a Class I hazardous waste disposal facility (or other designated facility meeting all the criteria in HSC 25157.8(b)(3)) is prohibited.

### **3. INVESTIGATIVE METHODS**

#### **3.1 Field Methods**

##### **3.1.1 Soil Sampling**

Soil sampling and handling methods used by Geocon to complete this TO are outlined in the following modified Geocon Standard Operating Procedures (SOPs) presented as Appendix B:

- Modified SOP No. 11 - Hand-Augering and Soil Sample Collection/Handling Procedures

##### **3.1.2 Equipment Blank Sampling**

One equipment blank sample was collected per chain-of-custody (every ten soil samples) to verify proper cleaning of the sampling equipment. The equipment blank samples were obtained by passing distilled water over the decontaminated sampling equipment and into laboratory-provided containers.

#### **3.2 Deviations from Work Plan**

Work was performed in accordance with the Basic Work Plan prepared by Geocon dated July 2, 2002.

### **4. INVESTIGATIVE RESULTS AND FIELD OBSERVATIONS**

#### **4.1 Site Geology and Hydrology**

The soil conditions encountered consisted generally of loose to moderately dense, dry, brown to dark-brown, fine to coarse sand with some silt. Groundwater was not encountered in the hand auger borings.

#### **4.2 Analytical Laboratory Results**

A summary of the results of the laboratory analyses for total lead, WET-Citric, WET-DI, TCLP, and pH is presented in Table I. A summary of the results of the laboratory analyses for Title 22 metals is presented in Table II. Reproductions of the laboratory reports and chain-of-custody documentation are

presented as Appendix C. Samples were processed using laboratory standard turn around times (10 business days).

#### 4.2.1 Northbound

Soil sample analytical results for northbound Route 5 are summarized as follows (see Section 1.2.3 for analytical methods used):

- **Total Lead** – Three hundred forty four soil samples were analyzed for total lead. Concentrations ranged from below the laboratory detection limit of 5 mg/kg to 4,000 mg/kg. The maximum total lead concentration for this data set exceeds 1,496 mg/kg, the threshold value specified in the DTSC variance for total lead;
- **WET-Citric** – Two hundred six soil samples exhibited total lead concentrations greater than 50 mg/kg and less than 1,000 mg/kg, and were analyzed using the WET-Citric method. WET-Citric concentrations ranged from 0.49 to 200 mg/l. CCR Title 22 specifies 5.0 mg/l as the STLC for lead;
- **WET-DI** – One hundred ninety two soil samples exhibited WET-Citric concentrations greater than the STLC of 5.0 mg/l, and were analyzed using the WET-DI method. WET-DI concentrations ranged from below the method detection limit of 0.2 mg/l to 14 mg/l. The DTSC variance specifies conditions for re-use of soil based on a threshold of 0.5 mg/l as described in Section 2.2;
- **pH** – Thirty six soil samples were tested for pH. Values ranged from 6.23 to 8.85, which are above the minimum of 5.0 described in the DTSC variance;
- **TCLP** – Seventy nine soil samples were analyzed by the TCLP method. Their concentrations ranged from below the laboratory detection limit of 0.2 mg/l to 27 mg/l. Results above 5.0 mg/l exceed the TCLP maximum concentration limit for RCRA;
- **Title 22 Metals** - Fifteen soil samples were analyzed for Title 22 metals. Metals included in this analysis are antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, molybdenum, nickel, selenium, silver, thallium, vanadium, and zinc. With the exception of lead, none of the metals concentrations were detected at or above the respective TTLC, nor were they detected at or above ten times the respective STLCs;
- **Equipment Blanks** – Thirty six equipment blank water samples were analyzed for total lead. Total lead concentrations ranged from below the laboratory detection limit of 0.005 mg/l to 0.02 mg/l; and
- **Decontamination Water** – One water sample was collected from the drum used to store the decontamination water and analyzed for CCR Title 22 metals. Laboratory results indicated that none of the CCR Title 22 metals were at or above regulatory thresholds. For this reason, the water was disposed on-site with care taken to prevent runoff from entering the storm drain.

#### 4.2.2 Southbound

Sample analytical results for southbound Route 5 are summarized as follows (See Section 1.2.3 for analytical methods used):

- **Total Lead** – Four hundred sixty soil samples were analyzed for total lead. Concentrations ranged from below the laboratory detection limit of 5 mg/kg to 2,800 mg/kg. The maximum total lead concentration for this data set exceeds 1,496 mg/kg, the threshold value specified in the DTSC variance for total lead;
- **WET-Citric** – Three hundred four soil samples exhibited total lead concentrations greater than 50 mg/kg and less than 1,000 mg/kg, and were analyzed using the WET-Citric method. WET-Citric concentrations ranged from 0.55 mg/l to 190 mg/l. CCR Title 22 specifies 5.0 mg/l as the Soluble Threshold Limit Concentration (STLC) for lead;
- **WET-DI** – Two hundred two soil samples exhibited WET-Citric concentrations greater than the Soluble Threshold Limit Concentration (STLC) of 5.0 mg/l, and were analyzed using the WET-DI method. WET-DI concentrations ranged from below the method detection limit of 0.2 mg/l to 12 mg/l. The DTSC variance specifies conditions for re-use of soil based on a threshold of 0.5 mg/l as described in Section 2.2. Twelve of the two hundred two samples were re-analyzed because their initial results did not demonstrate the expected trend for WET-DI analysis;
- **pH** – Forty nine samples were tested for pH. Values ranged from 6.2 to 8.86; which are above the minimum of 5.0 described in the DTSC variance;
- **TCLP** – Forty two samples were analyzed by the TCLP method. Their concentrations ranged from below the laboratory detection limit of 0.2 mg/l to 18 mg/l, which exceeds the TCLP maximum concentration limit of 5.0 mg/l for RCRA;
- **Title 22 Metals** - Fifteen soil samples were analyzed for Title 22 metals. Metals included in this analysis are antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, molybdenum, nickel, selenium, silver, thallium, vanadium, and zinc. With the exception of lead, none of the metals concentrations were detected at or above the respective TTLC, nor were they detected at or above ten times the respective STLCs; and
- **Equipment Blanks** – Forty nine equipment blank water samples were analyzed for total lead. Total lead concentrations ranged from below the laboratory detection limit of 0.005 mg/l to 0.0086 mg/l.
- **Decontamination Water** – One water sample was collected from the drum used to store the decontamination water and analyzed for CCR Title 22 metals. Laboratory results indicated that none of the CCR Title 22 metals were at or above regulatory thresholds. For this reason, the water was disposed on-site with care taken to prevent runoff from entering the storm drain.

### **4.3 Data Validation**

Geocon and ATL use QA/QC measures to minimize and control errors associated with field and laboratory methods. Field QA/QC measures consist of cleaning sampling equipment between each use with a detergent solution followed by successive rinses in tap and deionized water. To demonstrate that cleaning of the equipment was adequate, equipment blanks are collected by passing deionized water through the hand auger and collecting it in a laboratory provided container. One equipment blank was collected for each chain of custody used. Laboratory results indicated that thirty three of the eighty-five equipment blanks contained lead at concentrations above the laboratory method detection limit of 0.005 mg/l. Although the equipment blank samples had very low concentrations of lead, Geocon considers the field investigation free from potential influence resulting from cross-contamination resulting from inadequate equipment decontamination.

Laboratory QA/QC measures include the use of matrix spikes, duplicates, and method blanks, and calculation of percent recovery and relative percentage difference (RPD). A review of the laboratory QA/QC results indicate satisfactory data reporting.

## **5. DATA EVALUATION**

### **5.1 Lead Distribution Analysis**

The results of the analytical testing indicates that 187 of the soil samples collected from the northbound Route 5 are above the California disposal threshold of 350 mg/kg total lead content. Soluble lead concentrations for the northbound Route 5 exceed the STLC maximum concentration of 5 mg/l in 192 of the samples analyzed. One hundred forty two of the samples collected from the southbound Route 5 exhibited total lead concentrations above the California disposal threshold of 350 mg/kg. Soluble lead concentrations exceeded the STLC maximum concentration in 266 of the 304 samples analyzed.

### **5.2 Statistical Evaluation Methods**

The analytical laboratory results were evaluated statistically to examine the appropriate method of reuse or offsite disposal of the soils. Prior to performing the following calculations, analytical results reported as below the detection limit were assigned a value of one-half the detection limit. Statistical methods were applied to each of the lead data sets collected adjacent to the sites to evaluate: 1) if an acceptable correlation between total and soluble lead concentrations exists that would allow the prediction of soluble lead concentrations based on calculated UCLs; 2) the total lead data population distribution, and 3) the upper one-sided confidence limits (UCLs) on the true means of the total lead concentrations for different soil mixing scenarios.

### 5.3 Data Correlation

A test for data correlation is used to verify the quality of the equation used to predict soluble lead concentrations. There should be a correlation coefficient (“r”) of 0.8 or greater between total and soluble lead (WET-citric) analytical results. When evaluating the correlation coefficient of total lead versus soluble lead concentrations, data from the northbound and southbound Route 5 were treated as separate data sets as described in the Task Order. The correlation coefficient for northbound Route 5 was 0.85. The correlation coefficient for southbound Route 5 was 0.81. The correlation factor for each area is discussed in Sections 6.1 and 6.2 of the report.

### 5.4 Regression Analysis

A linear regression analysis is necessary to create a soluble lead prediction model for use with the 90% and 95% UCLs. The model is created by plotting the total lead and soluble lead (WET-Citric) paired data points on a scatter plot chart. A linear regression line is then added to the chart using the equation:

$$y = mx + b$$

where:

y = *WET Citric result, mg/l*

x = *total lead result, mg/kg*

b = *the y-intercept*

$$m = \text{Slope} = \frac{r \times s_t}{s_s}$$

where:

r = *correlation coefficient*

s<sub>t</sub> = *standard deviation of the total lead results*

s<sub>s</sub> = *standard deviation of the soluble lead results*

The linear equation corresponding to the regression line is then used to predict a soluble lead concentration for the statistical total lead UCLs. The integrity of the equation is directly related to the correlation coefficient described in Section 5.3

### 5.5 Population Distribution

A test for population distribution is necessary to apply the appropriate methods when examining the UCLs on the true total lead means. When evaluating the distribution of total lead concentrations, all

total lead data from each area were treated as separate data sets. In accordance with *Chapter Nine, SW-846, 3<sup>rd</sup> Edition, U.S. Environmental Protection Agency, 1986, (Chapter Nine, SW-846)* distribution was evaluated by comparing the mean versus the variance of the total lead data sets. If the mean was greater than the variance, the data set was assumed to be normally distributed and transformation was not performed. If the mean was less than the variance, the data set was transformed using an arcsine conversion. If the mean was equal to the variance the data set was transformed using a square-root conversion.

## 5.6 Calculating the Upper Confidence Limits for the True Mean

Statistical confidence limits are the classical tool for addressing uncertainties of a distribution mean. The UCLs of the true mean concentration are used as the mean concentrations because it is not possible to know the true mean. The UCLs therefore account for uncertainties due to limited sampling data. As more data are available for a given site, uncertainty decreases and the UCLs move closer to the true mean.

A 90% UCL is desired if the soil is to be reused on-site and a 95% UCL is desired if the soil is to be disposed of offsite or relinquished to a contractor as described in Task Order 07-2159A0-RR. The maximum 90% UCL allowed for re-use of on-site soil is 1,496 mg/kg and the maximum 95% UCL allowed for disposal is 350 mg/kg. The one-sided 90 and 95% UCLs of the true 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. The following statistical equation (from *Chapter Nine, SW-846*) was used to calculate the UCLs:

$$UCL = \bar{x} + t_p \frac{S}{\sqrt{n}}$$

Where:

- $\bar{x}$  = sample mean
- $t_p$  = student's t for a one-tailed confidence interval and a probability of p
- $S$  = standard deviation
- $n$  = number of samples

For the purpose of this investigation, the samples were assumed to be collected using systematic random sampling. *Chapter Nine of SW-846* indicates that if the data set is not normally distributed, the data should be transformed, and statistical evaluations should be performed on the transformed scale.

Using histogram graphical representation, (Appendix D) the data did not exhibit a normal distribution. The histogram showed that the data were skewed. Based on this graphical evaluation, the data set should be transformed.

Examination of the data from each area indicated that the mean was less than the variance for the non-transformed data indicating that the data set was not normally distributed and transformation was necessary. The raw data was transformed using the arcsine transformation. The arcsine transformation was accomplished by dividing each total lead result by the maximum concentration (this results in a data set of all numbers falling between 0 and 1), then calculating the arcsine of the quotient. ( $y_i = \arcsine(x_i/x_{max})$ ), performing the statistical calculations on the transformed data, and then re-converting the result to real numbers ( $z_i = x_{max}\sin y_i$ ).

In order to evaluate different soil excavation scenarios, different UCLs were calculated. Data from each area were each divided into the following two data sets:

- Total lead concentrations for soil samples collected from 0 to 0.15 m (Data Set A);
- Total lead concentrations for soil samples collected from 0.15 to 0.30 m (Data Set B);
- Total lead concentrations for soil samples collected from 0.45 to 0.60 m (Data Set C); and
- Total lead concentrations for soil samples collected from 0.75 to 0.90 m (Data Set D).

Using the data sets above, the following UCLs for the true means were calculated separately for both the northbound and southbound Route 5:

- UCL for the top 0.15 m of soil (Data Set A) and the UCL for the underlying soil (Data Sets B, C, and D); and
- UCL for the top 0.30 m of soil (Data Set A and B) and the UCL for the underlying soil (Data Sets C and D); and
- UCL for the top 0.60 m of soil (Data Sets A, B, and C) and the UCL for the underlying soil (Data Set D); and
- UCL for the entire 0.90 m of soil (Data Sets A, B, C, and D).

For reference, tables summarizing the results of the 90% and 95% UCLs and predicted soluble lead concentrations presented below along with re-use and disposal conditions. Additional soil excavation and mixing scenarios can be found on the Block Diagram in Appendix D.

90% UCL Lead Analysis and Soil Management Summary

Area	Soil Interval (m)	Total Lead 90 % UCL (mg/kg)	Within Variance?	Soluble Lead WET-DI (mg/l)	DTSC Variance Condition
Northbound	0 – 0.90	704.7	yes	1.55	Condition 2
Southbound	0 – 0.90	390.3	yes	1.05	Condition 2

95% UCL Lead Analysis and Soil Management Summary

Area	Soil Interval (m)	Total Lead 95 % UCL (mg/kg)	Predicted Soluble Lead-95% UCL	Relinquish	Disposal
Northbound	0 – 0.90	719.6	65.2	No	Class 1
Southbound	0 – 0.90	398.6	33.7	No	Class 1

## 6. CONCLUSIONS

As with the laboratory analytical results, the data was categorized and evaluated based upon two unique investigation areas (northbound and southbound). Regression analysis charts of total lead vs. soluble lead, and UCLs with corresponding soil excavation scenarios shown in block diagrams are presented as a portion of Appendix D. Separate conclusions regarding Caltrans right-of-way reuse and offsite disposal were then developed for each area. Reuse conclusions were based upon comparison of the referenced 90% transformed UCLs and the average WET-DI analytical results for each area to the DTSC variance and AB 414. Conclusions for surplus material and material relinquished to the contractor was based upon comparison of 95% transformed UCLs and predicted WET-Citric results to CCR Title 22 criteria and HSC limit of 350 mg/kg total lead. Results of Title 22 metals analyses were also used in discussing offsite disposal. A summary of the statistical evaluation results and conclusions for each of the areas is provided in the following sections.

### 6.1 Northbound

A review of the data set mean versus variance indicated that the total lead data set is not normally distributed. The results also showed that the mean is less than the variance; therefore, an arcsine transformation was applied. Based upon the 90% arcsine transformed UCL, total lead and WET-Citric concentrations were 704.7 mg/kg and 63.9 mg/l, respectively for the entire soil column (data sets A, B,

C, and D). The calculated correlation factor between total lead concentrations and WET-Citric lead concentrations was 0.85, indicating satisfactory data correlation.

Based upon the 90% arcsine transformed UCLs and average WET-DI results of 1.55 mg/l, the upper 0.9 m of soil is suitable for re-use in Caltrans rights-of-way. The soil should be placed under pavement and at least 1.5 m above maximum groundwater in accordance with the DTSC variance. Based upon the 95% arcsine transformed UCLs and predicted WET-Citric results, any portion of the upper 0.9 m of soil excavated from the site has the potential to be classified as a hazardous material with respect to total and soluble lead content according to AB 414 and CCR Title 22. Of the seventy nine samples that were analyzed using the TCLP method in accordance with Task Order 07-2159A0-RR, twenty seven of the samples analyzed exhibited concentrations equal to or greater than the RCRA waste threshold of 5 mg/l. However, the statistical average of TCLP results was below 5 mg/l, the threshold for classification as a RCRA waste. For this reason, it appears unlikely that the on-site soil could be classified as a RCRA waste. With the exception of lead, Title 22 metals do not appear to be a concern; however, additional sampling and statistical analyses would be necessary to fully characterize the soil.

## **6.2 Southbound**

A review of the data set mean versus variance indicated that the total lead data set is not normally distributed. The results also showed that the mean is less than the variance; therefore, an arcsine transformation was applied. Based upon the 90% arcsine transformed UCL, total lead and WET-Citric concentrations were 390.3 mg/kg and 33.0 mg/l, respectively for the entire soil column (data sets A, B, C, and D). The calculated correlation factor between total lead concentrations and WET-Citric lead concentrations was 0.81, indicating satisfactory data correlation.

Based upon the 90% arcsine transformed UCLs and average WET-DI results of 1.05 mg/l, the upper 0.9 m of soil is suitable for re-use in Caltrans rights-of-way. The soil should be placed under pavement and at least 1.5 m above maximum groundwater in accordance with the DTSC variance. Based upon the 95% arcsine transformed UCLs and predicted WET-Citric results, any portion of the upper 0.9 m of soil excavated from the site has the potential to be classified as a hazardous material with respect to total and soluble lead content according to AB 414 and CCR Title 22. Of the forty two samples collected and analyzed using the TCLP method, eleven of the samples were greater than or equal to the RCRA threshold of 5 mg/l. However, the statistical average of TCLP results was below 5 mg/l, the threshold for classification as a RCRA waste. For this reason, it is unlikely that the on-site soil would be classified as a RCRA waste. With the exception of lead, Title 22 metals do not appear to be a concern; however, additional sampling and statistical analyses would be necessary to fully characterize the soil.

## **7. RECOMMENDATIONS**

### **7.1 Northbound**

Geocon recommends that if the excavated soil at the site is to be reused within the Caltrans rights-of way, any portion of the upper 0.9 m of soil should be placed under pavement and at least 1.5 m above the maximum groundwater elevation in accordance with the DTSC Lead Variance. If any portion of the upper 0.9 m of soil excavated at the site is to be disposed, it should be handled as a hazardous material with respect to total and soluble lead content. Geocon also recommends that Caltrans notify the contractors performing the construction activities that hazardous concentrations of lead may be present in on-site soil and that appropriate health and safety measures should be taken to minimize the exposure to lead.

### **7.2 Southbound**

Geocon recommends that if the excavated soil at the site is to be reused within the Caltrans rights-of way, any portion of the upper 0.9 m of soil should be placed under pavement and at least 1.5 m above the maximum groundwater elevation in accordance with the DTSC Lead Variance. If any portion of the upper 0.9 m of soil excavated at the site is to be disposed, it should be handled as a hazardous material with respect to total and soluble lead content. Geocon also recommends that Caltrans notify the contractors performing the construction activities that hazardous concentrations of lead may be present in on-site soil and that appropriate health and safety measures should be taken to minimize the exposure to lead.

## **8. REPORT LIMITATIONS**

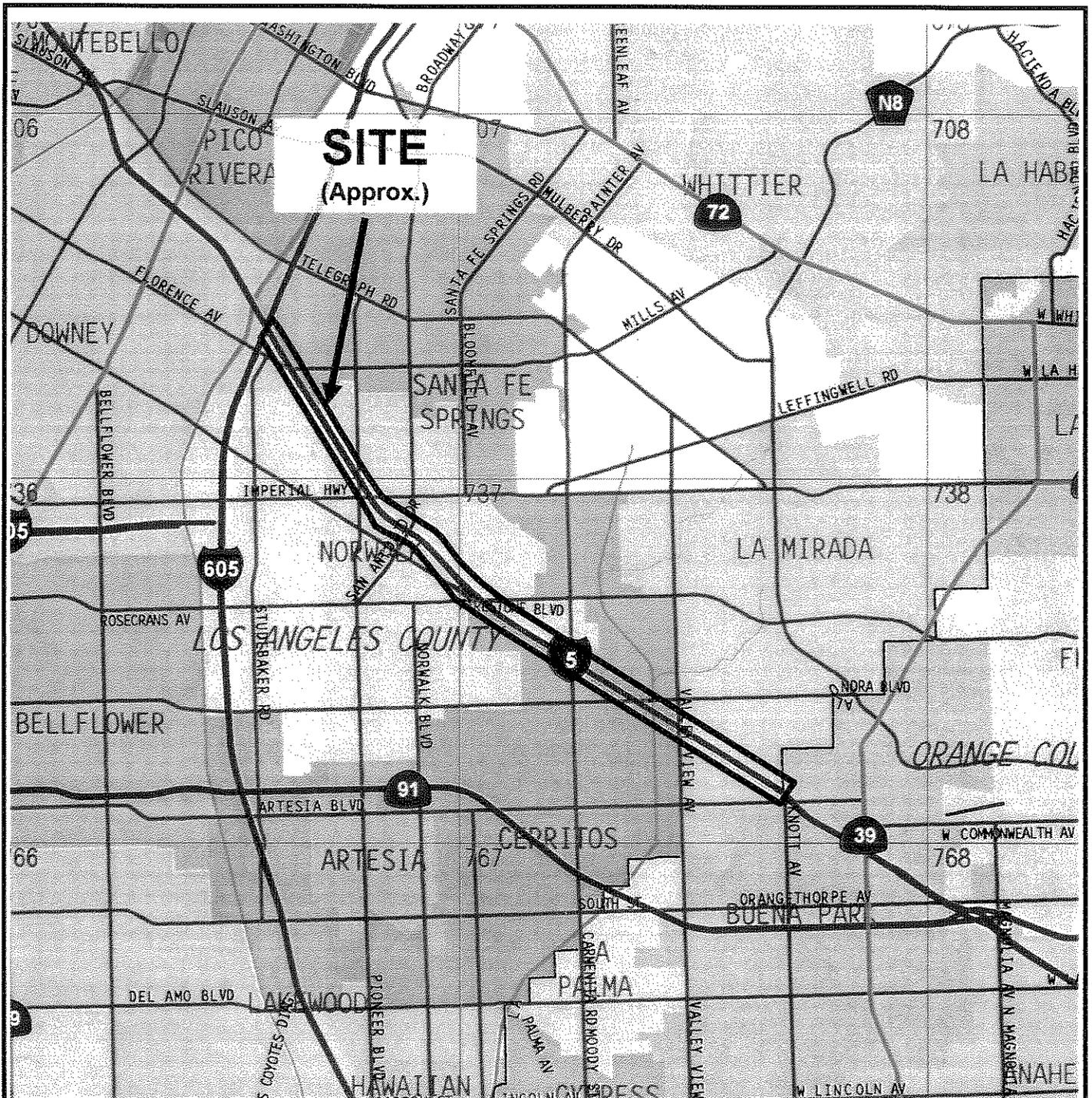
This report has been prepared exclusively for Caltrans. The information obtained is only relevant as of the date of the latest site visit. The information contained herein is only valid as of the date of the report, and will require an update to reflect additional information obtained.

The conclusions and recommendations presented herein are based on a limited number of samples collected from in-place soil and from widely spaced locations according to Caltrans prescribed protocol. The purpose of these sampling and characterization activities was to reasonably predict the character of soil to be disturbed for planned construction activities within the described limits of the Caltrans right of way. The disposition and handling of the soil are governed by the California regulations cited above. Characterization of the soil in the study areas for Federal waste criteria was beyond the scope of work in this task order.

Only a limited number of samples were analyzed using the TCLP method used to classify Federal waste. It is possible, that soil disturbed, excavated and stockpiled could exceed Federal standards for hazardous waste and may require handling as a RCRA waste.

The Client should recognize that this report is not a comprehensive site characterization and should not be construed as such. The appropriate regulatory agency may require additional investigations. The findings and conclusions as presented in this report are predicated on the results of the limited soil sampling and laboratory analyses 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 only be deemed conclusive with respect to the information obtained. No guarantee or warranty of the results of the report is implied within the intent of this report or any subsequent reports, correspondence, or consultation, either express or implied. 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.



SOURCE: 2001 THOMAS BROTHERS MAP  
LOS ANGELES COUNTY, CALIFORNIA

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No Scale

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CONSULTANTS, INC



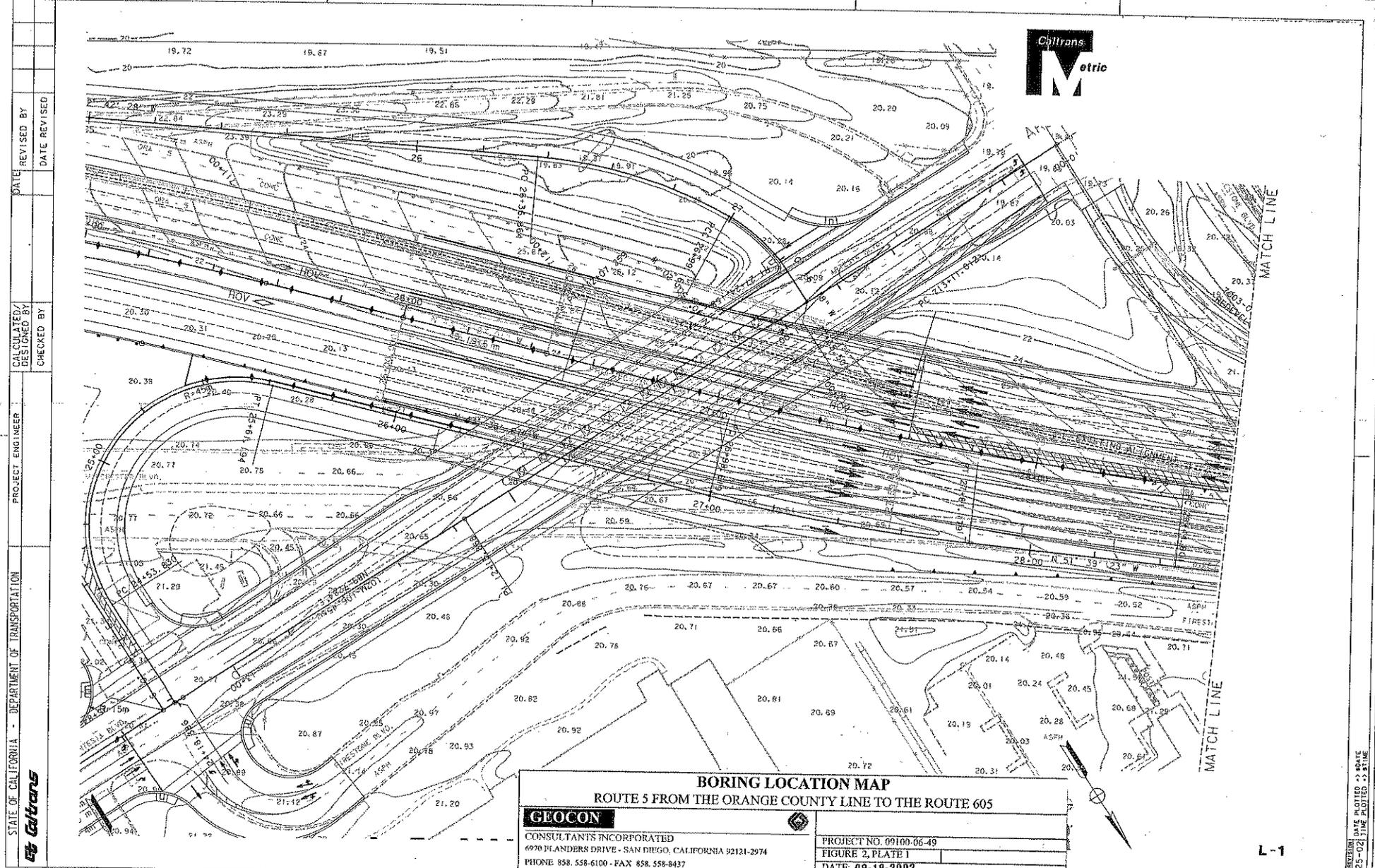
ENVIRONMENTAL ■ GEOTECHNICAL ■ MATERIALS  
6970 FLANDERS DRIVE - SAN DIEGO, CALIFORNIA 92121-2974  
PHONE 858 558-6100 - FAX 858 558-8437

CSK/SC

VICINITY MAP

ROUTE 5 FROM ORANGE COUNTY  
LINE TO ROUTE 605  
LOS ANGELES COUNTY, CALIFORNIA

DATE: 9-19-2002	PROJECT NO. 09100-06-49	FIG. 1
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STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	PROJECT ENGINEER	DATE	REVISOR
	CALCULATED/DESIGNED BY	DATE	REVISOR
Calttrans	CHECKED BY	DATE	REVISOR
	CHECKED BY	DATE	REVISOR

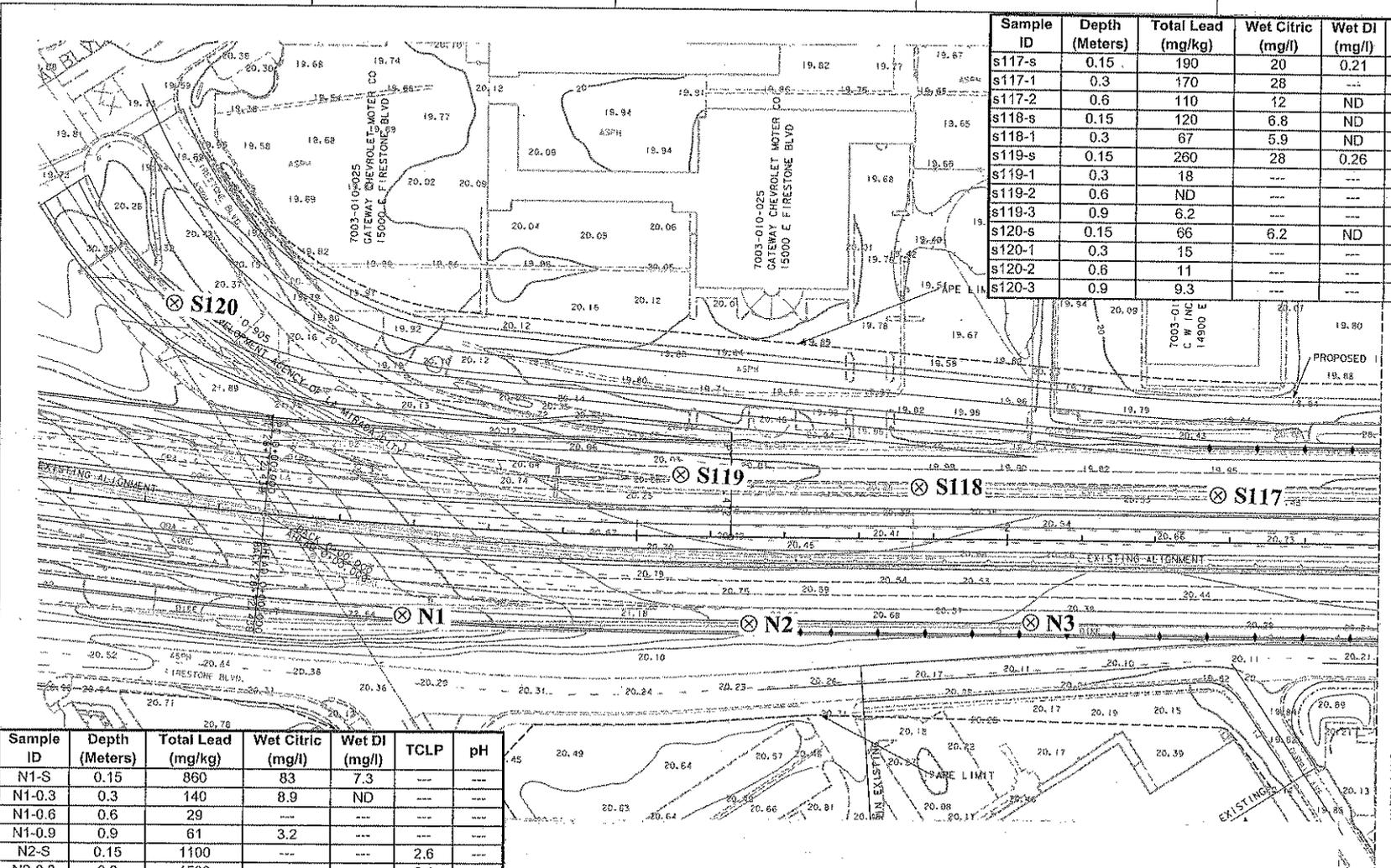
**BORING LOCATION MAP**  
**ROUTE 5 FROM THE ORANGE COUNTY LINE TO THE ROUTE 605**

<b>GEOCON</b>	PROJECT NO. 09100-06-49
CONSULTANT'S INCORPORATED 6970 FLANDERS DRIVE - SAN DIEGO, CALIFORNIA 92121-2974	FIGURE 2, PLATE 1
PHONE 858.558-6100 - FAX 858.558-8437	DATE 09-19-2002

DATE PLOTTED: 07-25-02  
 DATE REVISION: 07-25-02  
 LINE FOOTED: 5, 8, 11

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
**Caltrans**

PROJECT ENGINEER  
 CALCULATED/DESIGNED BY  
 CHECKED BY  
 DATE REVISIONS BY  
 DATE REVISIONS BY



Sample ID	Depth (Meters)	Total Lead (mg/kg)	Wet Citric (mg/l)	Wet DI (mg/l)	TCLP	pH
s117-s	0.15	190	20	0.21	---	---
s117-1	0.3	170	28	---	---	---
s117-2	0.6	110	12	ND	---	---
s118-s	0.15	120	6.8	ND	---	---
s118-1	0.3	67	5.9	ND	---	---
s119-s	0.15	260	28	0.26	---	---
s119-1	0.3	18	---	---	---	---
s119-2	0.6	ND	---	---	---	---
s119-3	0.9	6.2	---	---	---	---
s120-s	0.15	66	6.2	ND	---	8.29
s120-1	0.3	15	---	---	---	---
s120-2	0.6	11	---	---	---	---
s120-3	0.9	9.3	---	---	---	---

Sample ID	Depth (Meters)	Total Lead (mg/kg)	Wet Citric (mg/l)	Wet DI (mg/l)	TCLP	pH
N1-S	0.15	860	83	7.3	---	---
N1-0.3	0.3	140	8.9	ND	---	---
N1-0.6	0.6	29	---	---	---	---
N1-0.9	0.9	61	3.2	---	---	---
N2-S	0.15	1100	---	---	2.6	---
N2-0.3	0.3	1500	---	---	6.1	---
N2-0.6	0.6	63	3.9	---	---	---
N2-0.9	0.9	11	---	---	---	---
N3S	0.15	1200	---	---	2.7	---
N3-0.3	0.3	1100	---	---	3.7	7.08
N3-0.6	0.6	270	23	5.6	---	---
N3-0.9	0.9	15	---	---	---	---

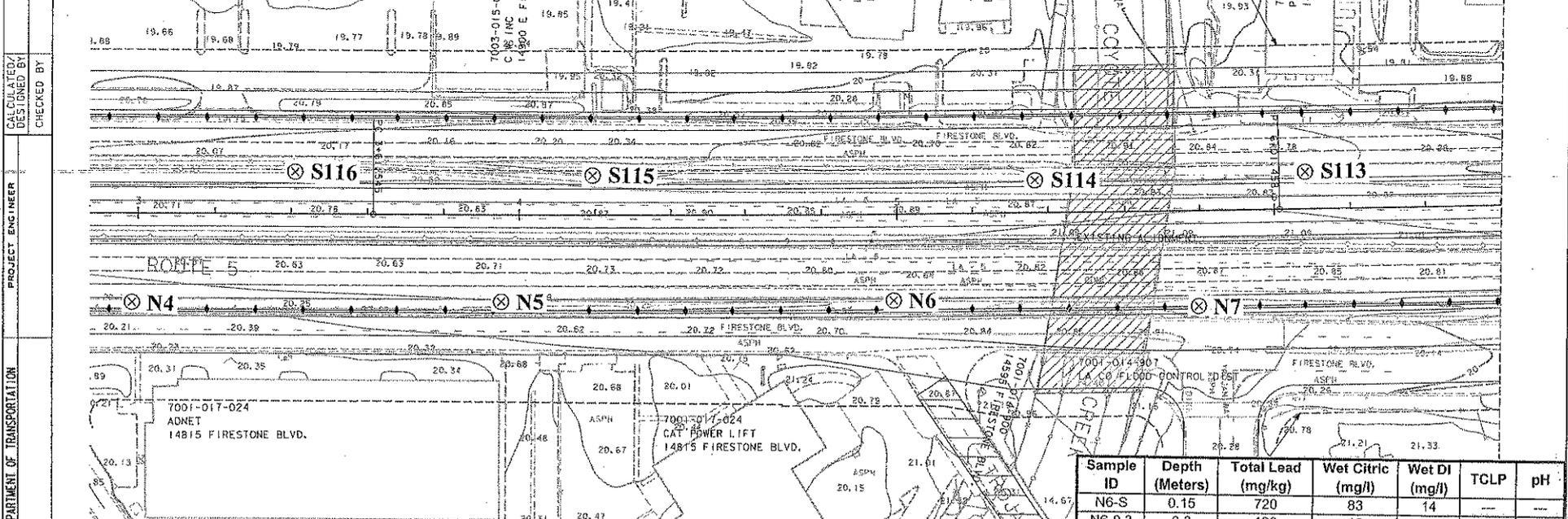
**BORING LOCATION MAP**  
 ROUTE 5 FROM THE ORANGE COUNTY LINE TO THE ROUTE 605

**GEOCON**  
 CONSULTANTS INCORPORATED  
 6970 FLANDERS DRIVE - SAN DIEGO, CALIFORNIA 92121-2974  
 PHONE 858.558-6100 - FAX 858.558-8437

PROJECT NO. 09100-06-49  
 FIGURE 2, PLATE 2  
 DATE: 08-19-2002

DATE PLOTTED: 07-25-02  
 TIME PLOTTED: 5:41 PM

Sample ID	Depth (Meters)	Total Lead (mg/kg)	Wet Citric (mg/l)	Wet DI (mg/l)	TCLP	pH
s113-s	0.15	1000	---	---	5.9	---
s113-1	0.3	630	92	4	---	---
s113-2	0.6	100	7.4	0.28	---	---
s113-3	0.9	48	---	---	---	7.81
s114-s	0.15	140	13	ND	---	---
s114-1	0.3	150	14	ND	---	---
s114-2	0.6	150	13	ND	---	---
s114-3	0.9	29	---	---	---	---
s115-s	0.15	280	32	ND	---	---
s115-1	0.3	52	3	---	---	---
s115-2	0.6	130	6.8	ND	---	---
s115-3	0.9	22	---	---	---	---
s116-s	0.15	310	17	0.83	---	---
s116-1	0.3	260	16	0.42	---	8.3



Sample ID	Depth (Meters)	Total Lead (mg/kg)	Wet Citric (mg/l)	Wet DI (mg/l)	TCLP	pH
N4-S	0.15	1000	---	---	4.7	---
N4-0.3	0.3	16	---	---	---	---
N4-0.6	0.6	ND	---	---	---	---
N4-0.9	0.9	5.9	---	---	---	---
N5-S	0.15	280	29	3.6	---	---
N5-0.3	0.3	78	5.3	1	---	---
N5-0.6	0.6	99	8.5	1.7	---	---
N5-0.9	0.9	ND	---	---	---	7.81

Sample ID	Depth (Meters)	Total Lead (mg/kg)	Wet Citric (mg/l)	Wet DI (mg/l)	TCLP	pH
N6-S	0.15	720	83	14	---	---
N6-0.3	0.3	190	18	4.5	---	---
N6-0.6	0.6	66	1.2	---	---	---
N6-0.9	0.9	7.5	---	---	---	---
N7-S	0.15	1900	---	---	5.4	---
N7-0.3	0.3	500	44	0.47	---	---

**BORING LOCATION MAP**  
**ROUTE 5 FROM THE ORANGE COUNTY LINE TO THE ROUTE 605**

**GEOCON**  
 CONSULTANTS INCORPORATED  
 6970 FLANDERS DRIVE · SAN DIEGO, CALIFORNIA 92121-2974  
 PHONE 858.558-6100 · FAX 858.558-8437

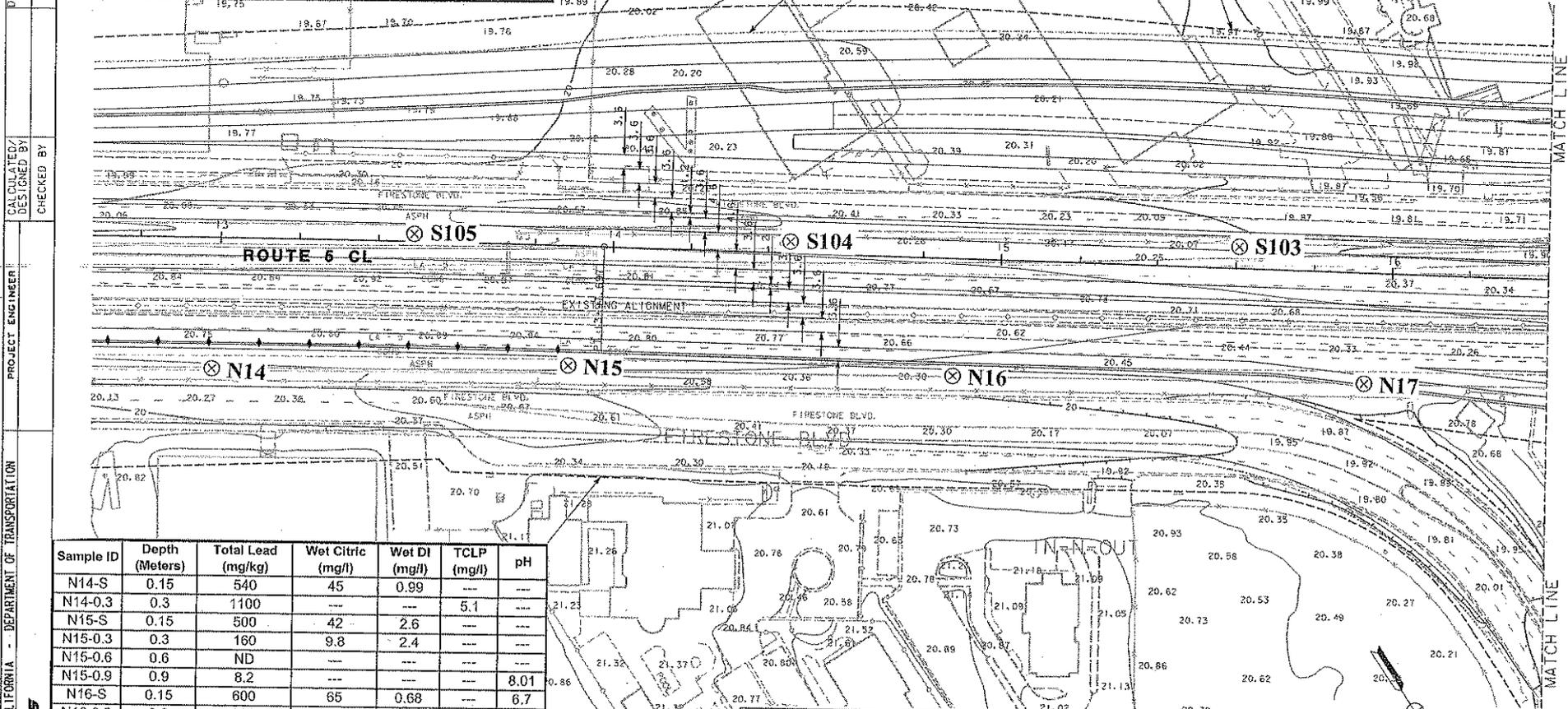
PROJECT NO. 09100-06-49  
 FIGURE 2, PLATE 3  
 DATE: 09-19-2002

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
 PROJECT ENGINEER  
 CALCULATED/DESIGNED BY  
 CHECKED BY  
 DATE REVISOR  
 DATE REVISOR

DATE PLOTTED 09-19-02  
 TIME PLOTTED 09:51 AM



Sample ID	Depth (Meters)	Total Lead (mg/kg)	Wet Citric (mg/l)	Wet DI (mg/l)	TCLP	pH
s103-s	0.15	1900	---	---	14	---
s103-1	0.3	330	14	0.61	---	---
s103-2	0.6	81	7.1	0.38	---	---
s104-s	0.15	910	73	1.8	---	---
s104-1	0.3	1000	---	---	3	---
s104-2	0.6	170	6.2	0.21	---	---
s104-3	0.9	170	18	0.62	---	7.11
s105-s	0.15	1400	---	---	6.1	---
s105-1	0.3	2500	---	---	13	---
s105-2	0.6	180	23	1.6	---	---



DATE REVISIED BY  
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 PROJECT ENGINEER  
 STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
**Caltrans**

Sample ID	Depth (Meters)	Total Lead (mg/kg)	Wet Citric (mg/l)	Wet DI (mg/l)	TCLP (mg/l)	pH
N14-S	0.15	540	45	0.99	---	---
N14-0.3	0.3	1100	---	---	5.1	---
N15-S	0.15	500	42	2.6	---	---
N15-0.3	0.3	160	9.8	2.4	---	---
N15-0.6	0.6	ND	---	---	---	---
N15-0.9	0.9	8.2	---	---	---	8.01
N16-S	0.15	600	65	0.68	---	6.7
N16-0.3	0.3	300	24	0.52	---	---
N16-0.6	0.6	20	---	---	---	---
N16-0.9	0.9	11	---	---	---	---
N17-S	0.15	720	.79	1.1	---	---
N17-0.3	0.3	540	59	0.81	---	---
N17-0.6	0.6	190	14	0.22	---	---

**BORING LOCATION MAP**  
 ROUTE 5 FROM THE ORANGE COUNTY LINE TO THE ROUTE 605

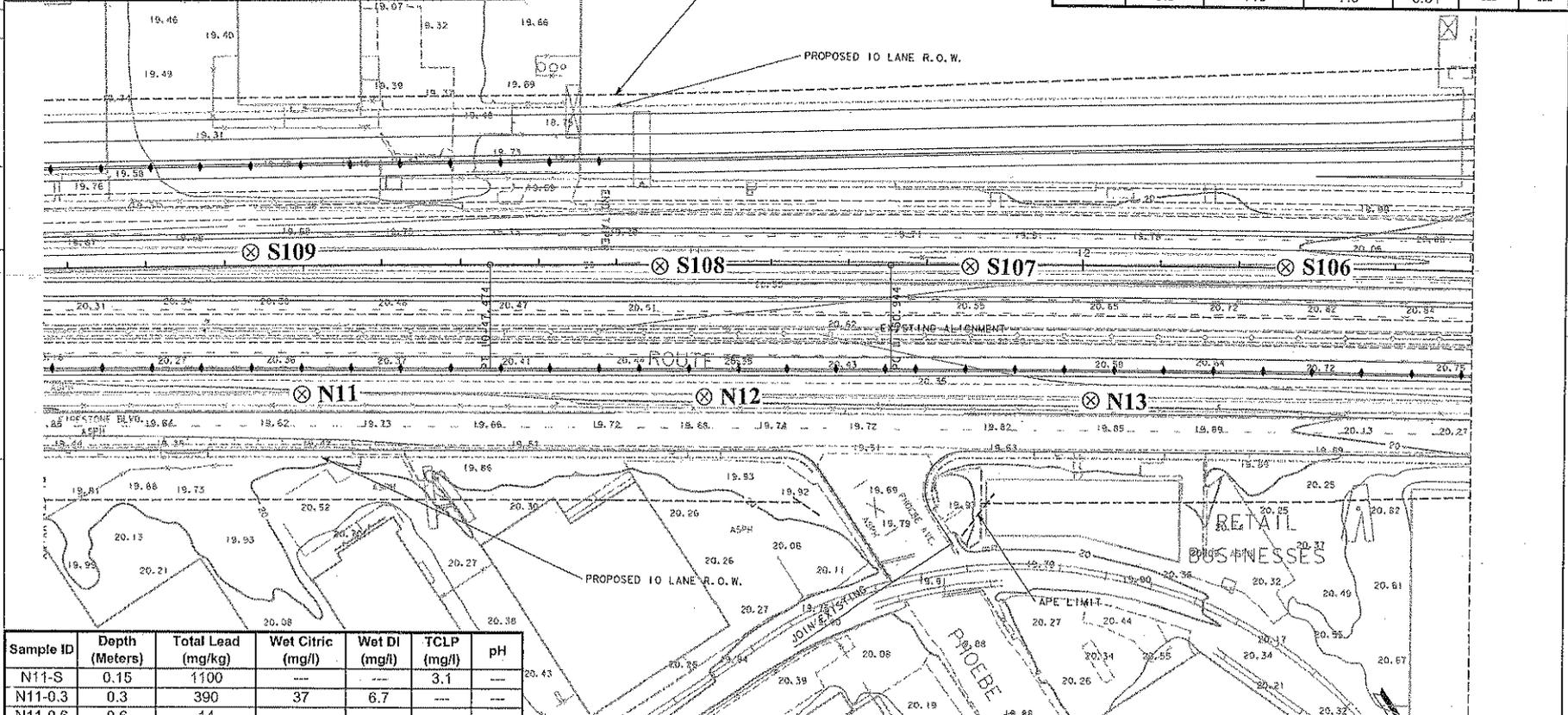
<b>GEOCON</b> CONSULTANTS INCORPORATED 6970 FLANDERS DRIVE - SAN DIEGO, CALIFORNIA 92121-2974 PHONE 858.558-6100 - FAX 858.558-8437	PROJECT NO. 09100-06-49 FIGURE 2, PLATE 5 DATE: 09-19-2002
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MATCH LINE  
 MATCH LINE  
 DATE PLOTTED 09-25-02

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
*et Caltrans*

Sample ID	Depth (Meters)	Total Lead (mg/kg)	Wet Citric (mg/l)	Wet DI (mg/l)	TCLP	pH
s106-s	0.15	730	72	2.1	---	---
s106-1	0.3	2300	---	---	18	---
s106-2	0.6	240	26	2.9	---	---
s106-3	0.9	390	32	3.1	---	---
s107-s	0.15	320	29	0.43	---	---
s107-1	0.3	240	14	0.24	---	---
s107-2	0.6	290	17	1.4	---	7.67
s107-3	0.9	180	16	1.1	---	---

Sample ID	Depth (Meters)	Total Lead (mg/kg)	Wet Citric (mg/l)	Wet DI (mg/l)	TCLP	pH
s108-s	0.15	590	43	0.73	---	---
s108-1	0.3	150	19	0.25	---	---
s108-2	0.6	320	23	1.6	---	---
s108-3	0.9	74	7.1	0.51	---	---
s109-s	0.15	560	51	0.55	---	6.57
s109-1	0.3	850	110	4.4	---	---
s109-2	0.6	230	21	1.5	---	---
s109-3	0.9	110	7.6	0.51	---	---



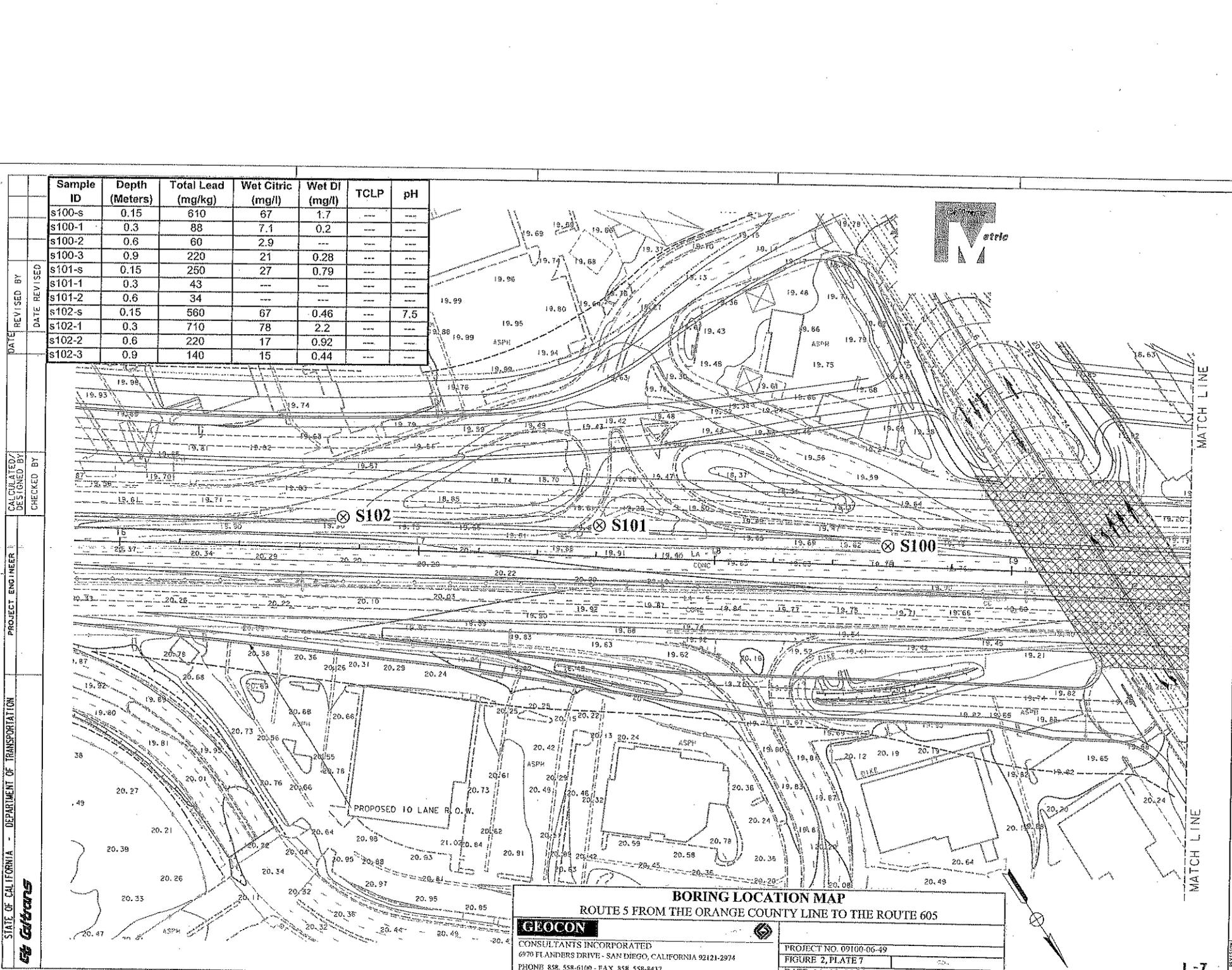
Sample ID	Depth (Meters)	Total Lead (mg/kg)	Wet Citric (mg/l)	Wet DI (mg/l)	TCLP	pH
N11-S	0.15	1100	---	---	3.1	---
N11-0.3	0.3	390	37	6.7	---	---
N11-0.6	0.6	14	---	---	---	---
N11-0.9	0.9	5.9	---	---	---	---
N12-S	0.15	840	57	8.9	---	6.83
N12-0.3	0.3	610	46	11	---	---
N12-0.6	0.6	300	22	8.1	---	---
N13-S	0.15	1600	---	---	3.9	---
N13-0.3	0.3	280	13	ND	---	---

**BORING LOCATION MAP**  
 ROUTE 5 FROM THE ORANGE COUNTY LINE TO THE ROUTE 605

**GEOCON**  
 CONSULTANTS INCORPORATED  
 6970 FLANDERS DRIVE - SAN DIEGO, CALIFORNIA 92121-2974  
 PHONE 858.558-6100 - FAX 858.558-8437

PROJECT NO. 09100-06-49  
 FIGURE 2, PLATE 6  
 DATE: 09-19-2002

DATE PLOTTED → 09/25/02  
 TIME PLOTTED → 3:18 PM



Sample ID	Depth (Meters)	Total Lead (mg/kg)	Wet Citric (mg/l)	Wet DI (mg/l)	TCLP	pH
s100-s	0.15	610	67	1.7	---	---
s100-1	0.3	88	7.1	0.2	---	---
s100-2	0.6	60	2.9	---	---	---
s100-3	0.9	220	21	0.28	---	---
s101-s	0.15	250	27	0.79	---	---
s101-1	0.3	43	---	---	---	---
s101-2	0.6	34	---	---	---	---
s102-s	0.15	560	67	0.46	---	7.5
s102-1	0.3	710	78	2.2	---	---
s102-2	0.6	220	17	0.92	---	---
s102-3	0.9	140	15	0.44	---	---

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 DATE REVISIED  
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**BORING LOCATION MAP**  
 ROUTE 5 FROM THE ORANGE COUNTY LINE TO THE ROUTE 605

**GEOCON**  
 CONSULTANTS INCORPORATED  
 6970 FLANDERS DRIVE - SAN DIEGO, CALIFORNIA 92121-2974  
 PHONE 858.558-6100 - FAX 858.558-8437

PROJECT NO. 09100-06-49  
 FIGURE 2, PLATE 7  
 DATE: 09-19-2002

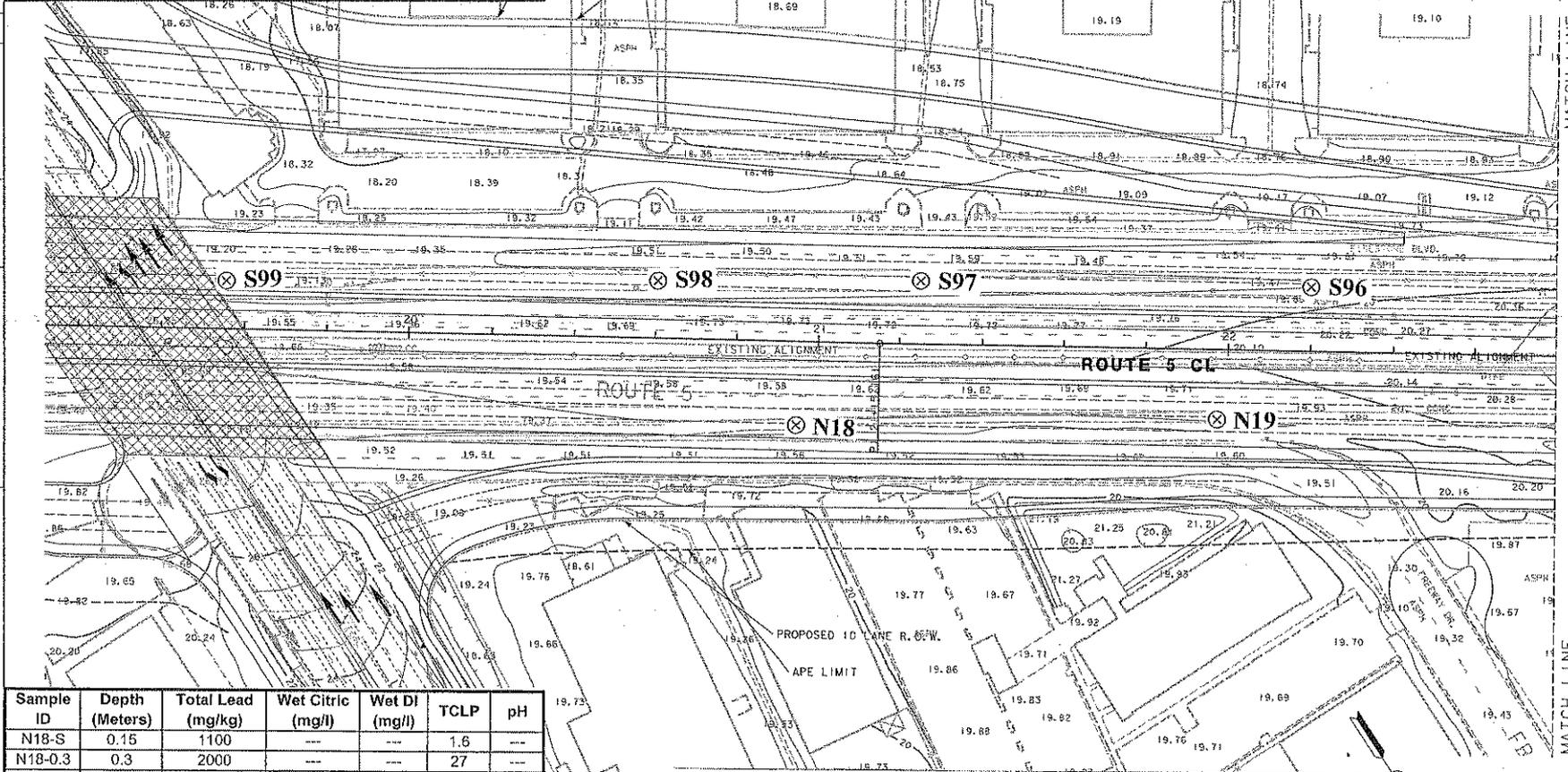
MATCH LINE

DATE PLOTTED: 03/09/02  
 LINE PLOTTED: 03/08/02

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
**Caltrans**  
 PROJECT ENGINEER  
 CHECKED BY  
 DATE REVISYED  
 DATE REVISYED

Sample ID	Depth (Meters)	Total Lead (mg/kg)	Wet Citric (mg/l)	Wet DI (mg/l)	TCLP	pH
s96-s	0.15	670	29	0.58	---	---
s96-1	0.3	19	---	---	---	---
s96-2	0.6	180	13	0.29	---	8.45
s96-3	0.9	34	---	---	---	---
s97-s	0.15	170	11	ND	---	---
s97-1	0.3	290	17	0.78	---	---
s97-2	0.6	120	12	0.31	---	---
s97-3	0.9	110	4.5	---	---	---

Sample ID	Depth (Meters)	Total Lead (mg/kg)	Wet Citric (mg/l)	Wet DI (mg/l)	TCLP	pH
s98-s	0.15	270	19	ND	---	---
s98-1	0.3	1500	---	---	4.9	---
s98-2	0.6	91	2	---	---	---
s98-3	0.9	55	3.4	---	---	---
s99-s	0.15	1900	---	---	5	6.99
s99-1	0.3	1600	---	---	5.2	---
s99-2	0.6	620	51	2.5	---	---



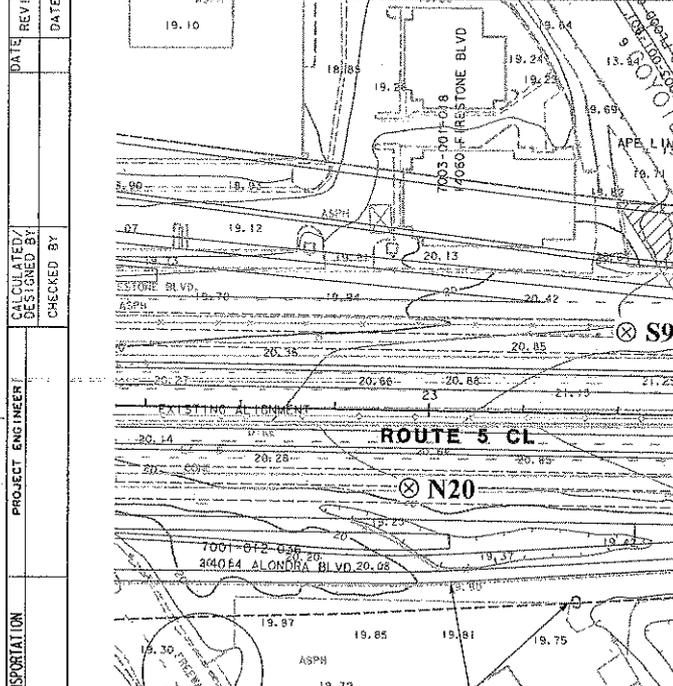
Sample ID	Depth (Meters)	Total Lead (mg/kg)	Wet Citric (mg/l)	Wet DI (mg/l)	TCLP	pH
N18-S	0.15	1100	---	---	1.6	---
N18-0.3	0.3	2000	---	---	27	---
N18-0.6	0.6	110	12	1.5	---	7.92
N18-0.9	0.9	300	48	3.2	---	---
N19-S	0.15	1000	---	---	1.5	---
N19-0.3	0.3	64	5.6	ND	---	---
N19-0.6	0.6	9.9	---	---	---	---
N19-0.9	0.9	9.9	---	---	---	---

**BORING LOCATION MAP**  
 ROUTE 5 FROM THE ORANGE COUNTY LINE TO THE ROUTE 605

<b>GLOCON</b> CONSULTANTS INCORPORATED 6970 FLANDERS DRIVE - SAN DIEGO, CALIFORNIA 92121-2974 PHONE 858.558-6100 - FAX 858.558-8417	PROJECT NO 09100-06-49 FIGURE 2, PLATE 8 DATE: 09-19-2002
--	---

DATE PLOTTED: 07-25-04  
 TIME PLOTTED: 11:58 AM

Sample ID	Depth (Meters)	Total Lead (mg/kg)	Wet Citric (mg/l)	Wet DI (mg/l)	TCLP	pH
s94-s	0.15	1100	---	---	4.9	---
s94-1	0.3	690	49	1.3	---	---
s94-2	0.6	750	63	1	---	---
s95-s	0.15	500	25	0.3	---	---
s95-1	0.3	620	57	1.7	---	---
s95-2	0.6	140	8.2	ND	---	---
s95-3	0.9	230	14	0.29	---	---



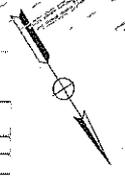
Sample ID	Depth (Meters)	Total Lead (mg/kg)	Wet Citric (mg/l)	Wet DI (mg/l)	TCLP	pH
N20-S	0.15	500	46	0.29	---	---
N20-0.3	0.3	14	---	---	---	---
N20-0.6	0.6	130	15	0.29	---	---
N21-S	0.15	700	90	0.42	---	---
N21-0.3	0.3	400	48	0.48	---	7.1
N21-0.6	0.6	180	13	0.21	---	---
N21-0.9	0.9	41	---	---	---	---
N22-S	0.15	450	28	0.23	---	---
N22-0.3	0.3	310	36	0.79	---	---
N22-0.6	0.6	170	14	ND	---	---
N23-S	0.15	120	19	ND	---	---
N23-0.3	0.3	440	34	1.4	---	---
N23-0.6	0.6	ND	---	---	---	---

**GEOCON**

CONSULTANTS INCORPORATED  
 6970 FLANDERS DRIVE - SAN DIEGO, CALIFORNIA 92121-2974  
 PHONE 858.558-6100 - FAX 858.558-8437

PROJECT NO. 09100-06-49  
 FIGURE 2, PLATE 9  
 DATE: 09-19-2002

**BORING LOCATION MAP**  
 ROUTE 5 FROM THE ORANGE COUNTY LINE TO THE ROUTE 605



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
**Caltrans**

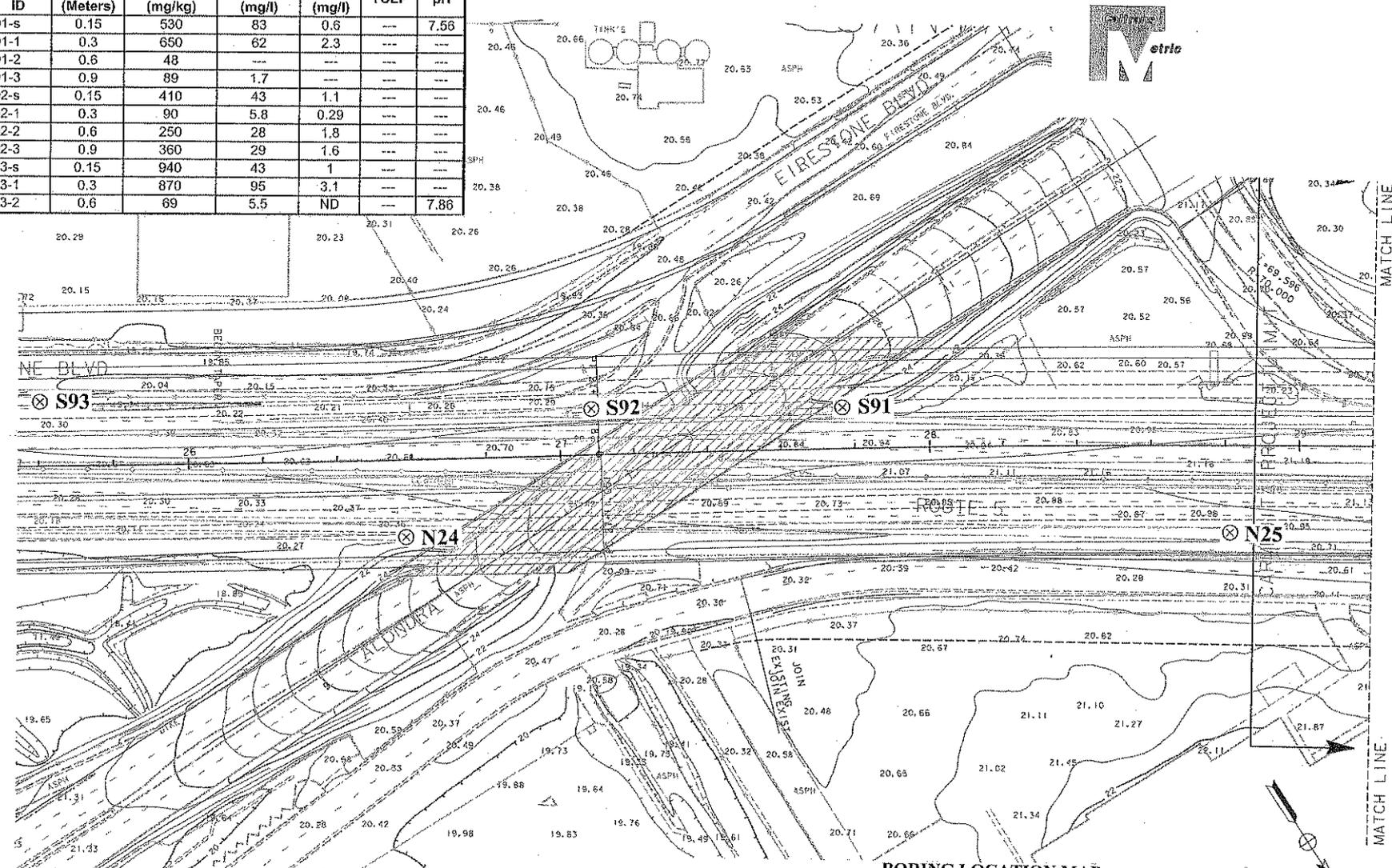
PROJECT ENGINEER  
 CALCULATED, DESIGNED BY  
 CHECKED BY  
 DATE REVISOR  
 DATE REVISOR

MATCH LINE

MATCH LINE

Sample ID	Depth (Meters)	Total Lead (mg/kg)	Wet Citric (mg/l)	Wet DI (mg/l)	TCLP (mg/l)	pH
s91-s	0.15	530	83	0.6	---	7.56
s91-1	0.3	650	62	2.3	---	---
s91-2	0.6	48	---	---	---	---
s91-3	0.9	89	1.7	---	---	---
s92-s	0.15	410	43	1.1	---	---
s92-1	0.3	90	5.8	0.29	---	---
s92-2	0.6	250	28	1.8	---	---
s92-3	0.9	360	29	1.6	---	---
s93-s	0.15	940	43	1	---	---
s93-1	0.3	870	95	3.1	---	---
s93-2	0.6	69	5.5	ND	---	7.86

Sample ID	Depth (Meters)	Total Lead (mg/kg)	Wet Citric (mg/l)	Wet DI (mg/l)	TCLP (mg/l)	pH
N24-S	0.15	190	24	ND	---	---
N25-S	0.15	1000	---	---	3.1	7.13
N25-0.3	0.3	810	100	3.6	---	---



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
*et Caltrans*  
 PROJECT ENGINEER  
 CHECKED BY  
 DESIGNED BY  
 CALCULATED BY  
 DATE REVISOR  
 DATE REVISOR

**BORING LOCATION MAP**  
 ROUTE 5 FROM THE ORANGE COUNTY LINE TO THE ROUTE 605

**GEOCON**  
 CONSULTANTS INCORPORATED  
 6970 FLANDERS DRIVE - SAN DIEGO, CALIFORNIA 92121-2974  
 PHONE 858.558-6100 - FAX 858.558-8437

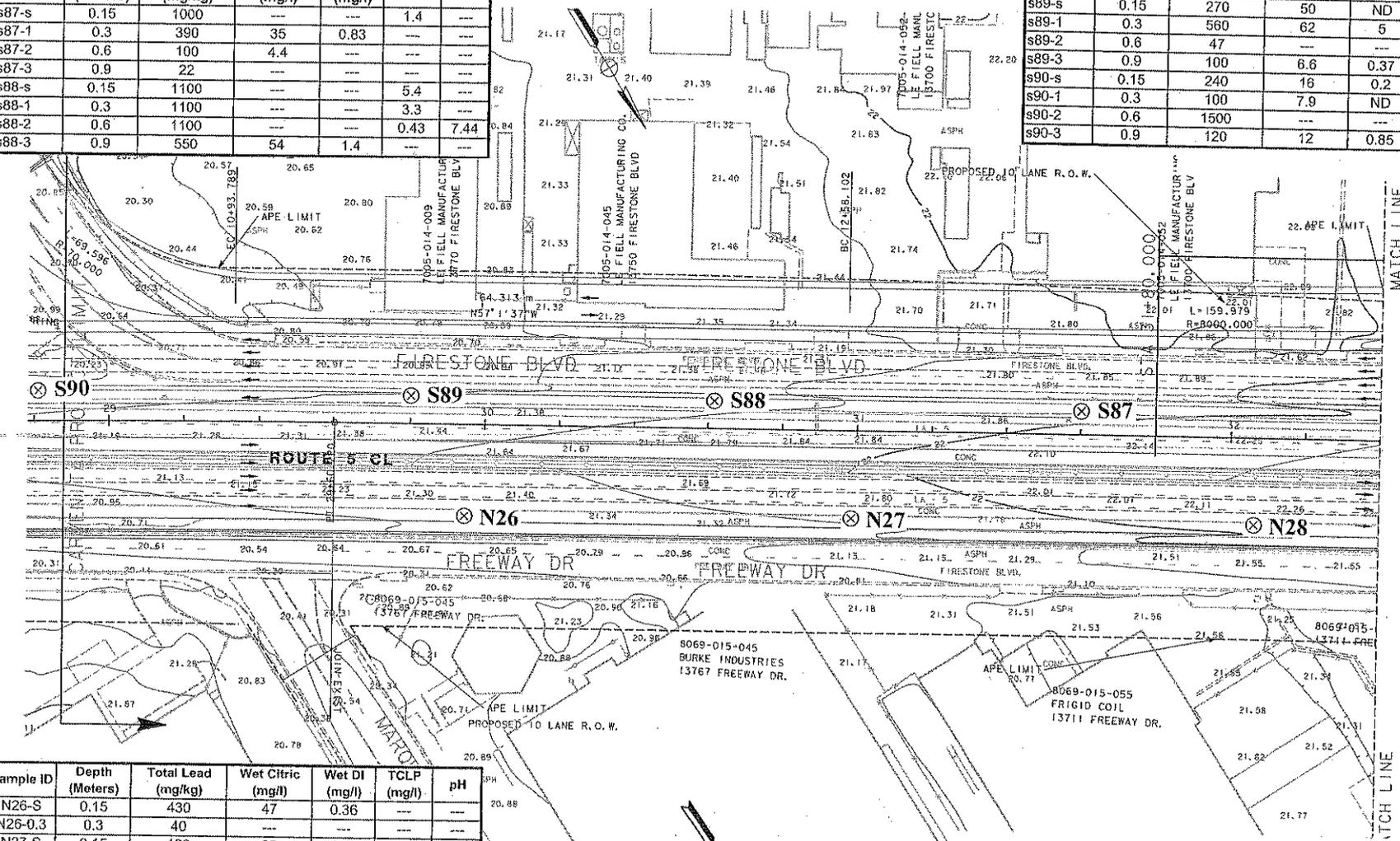
PROJECT NO. 09100-06-49  
 FIGURE 2, PLATE 10  
 DATE: 09-19-2002

DATE PLOTTED: 07-25-02  
 PLOT SCALE: 1" = 200'

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
**Caltrans**  
 PROJECT ENGINEER  
 CHECKED BY  
 DESIGNED BY  
 DATE REVISIED BY  
 DATE REVISIED BY

Sample ID	Depth (Meters)	Total Lead (mg/kg)	Wet Citric (mg/l)	Wet DI (mg/l)	TCLP	pH
s87-s	0.15	1000	---	---	1.4	---
s87-1	0.3	390	35	0.83	---	---
s87-2	0.6	100	4.4	---	---	---
s87-3	0.9	22	---	---	---	---
s88-s	0.15	1100	---	---	5.4	---
s88-1	0.3	1100	---	---	3.3	---
s88-2	0.6	1100	---	---	0.43	7.44
s88-3	0.9	550	54	1.4	---	---

Sample ID	Depth (Meters)	Total Lead (mg/kg)	Wet Citric (mg/l)	Wet DI (mg/l)	TCLP	pH
s89-s	0.15	270	50	ND	---	---
s89-1	0.3	560	62	5	---	---
s89-2	0.6	47	---	---	---	---
s89-3	0.9	100	6.6	0.37	---	---
s90-s	0.15	240	16	0.2	---	---
s90-1	0.3	100	7.9	ND	---	---
s90-2	0.6	1500	---	---	4.8	---
s90-3	0.9	120	12	0.85	---	---



Sample ID	Depth (Meters)	Total Lead (mg/kg)	Wet Citric (mg/l)	Wet DI (mg/l)	TCLP	pH
N26-S	0.15	430	47	0.36	---	---
N26-0.3	0.3	40	---	---	---	---
N27-S	0.15	180	20	ND	---	---
N27-0.3	0.3	280	27	1.5	---	---
N27-0.6	0.6	140	12	ND	---	---
N27-0.9	0.9	11	---	---	---	---
N28-S	0.15	540	67	0.37	---	---
N28-0.3	0.3	580	63	1.4	---	---
N28-0.6	0.6	100	7.5	ND	---	6.32

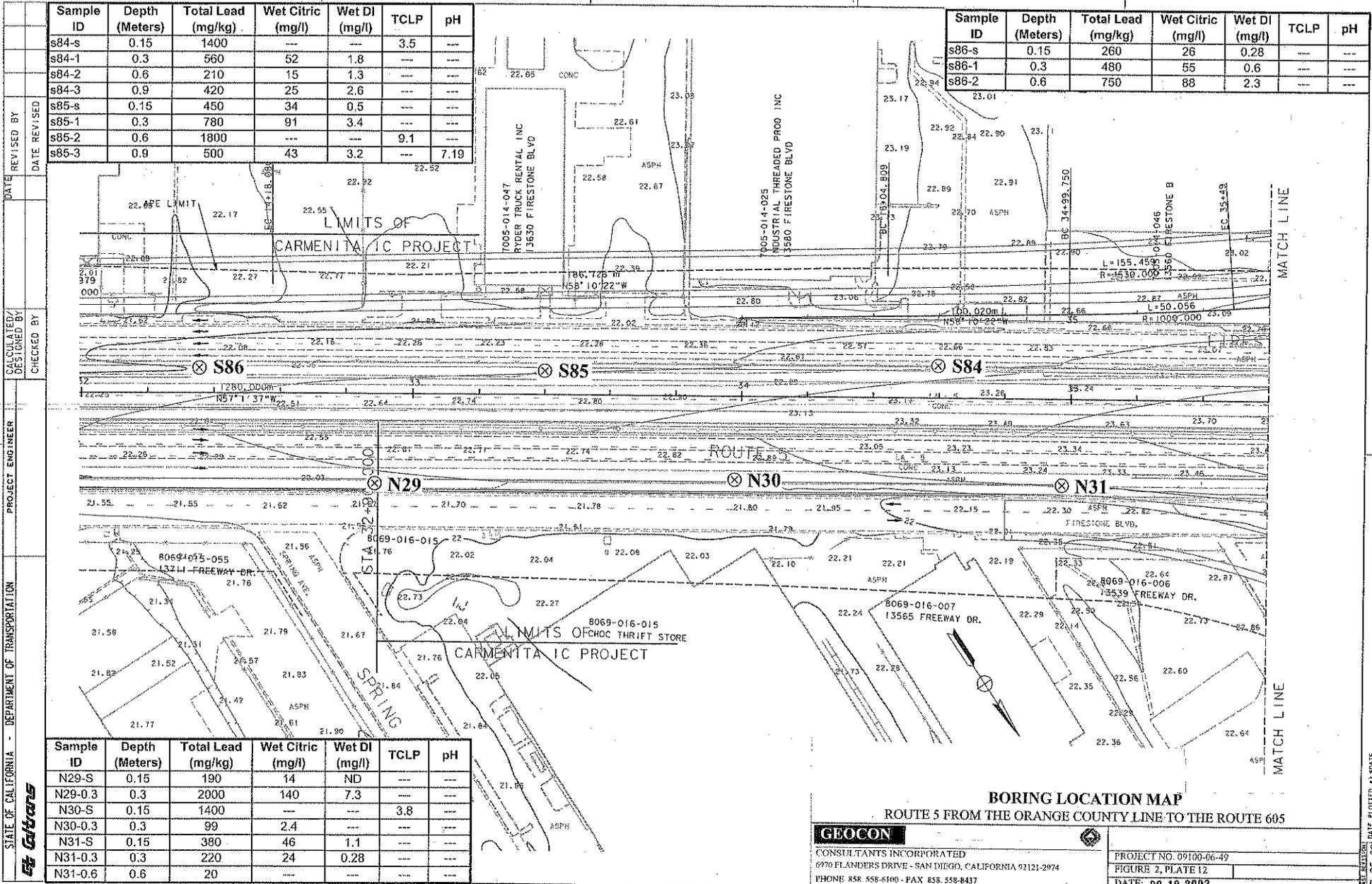
**BORING LOCATION MAP**  
 ROUTE 5 FROM THE ORANGE COUNTY LINE TO THE ROUTE 605

**GEOCON**  
 CONSULTANTS INCORPORATED  
 6970 PLANDERS DRIVE - SAN DIEGO, CALIFORNIA 92121-2974  
 PHONE 858.558-6100 - FAX 858.558-8437

PROJECT NO. 091006-06-49  
 FIGURE 2, PLATE 11  
 DATE: 09-18-2002  
 USER: SUSER  
 DATE PLOTTED: 07-25-02  
 TIME PLOTTED: 8:57 AM  
 CH 07227

Sample ID	Depth (Meters)	Total Lead (mg/kg)	Wet Citric (mg/l)	Wet DI (mg/l)	TCLP	pH
s84-s	0.15	1400	---	---	3.5	---
s84-1	0.3	560	52	1.8	---	---
s84-2	0.6	210	15	1.3	---	---
s84-3	0.9	420	25	2.6	---	---
s85-s	0.15	450	34	0.5	---	---
s85-1	0.3	780	91	3.4	---	---
s85-2	0.6	1800	---	---	9.1	---
s85-3	0.9	500	43	3.2	---	7.19

Sample ID	Depth (Meters)	Total Lead (mg/kg)	Wet Citric (mg/l)	Wet DI (mg/l)	TCLP	pH
s86-s	0.15	260	26	0.28	---	---
s86-1	0.3	480	55	0.6	---	---
s86-2	0.6	750	88	2.3	---	---



Sample ID	Depth (Meters)	Total Lead (mg/kg)	Wet Citric (mg/l)	Wet DI (mg/l)	TCLP	pH
N29-S	0.15	190	14	ND	---	---
N29-0.3	0.3	2000	140	7.3	---	---
N30-S	0.15	1400	---	---	3.8	---
N30-0.3	0.3	99	2.4	---	---	---
N31-S	0.15	380	46	1.1	---	---
N31-0.3	0.3	220	24	0.28	---	---
N31-0.6	0.6	20	---	---	---	---

**BORING LOCATION MAP**  
 ROUTE 5 FROM THE ORANGE COUNTY LINE TO THE ROUTE 605

**GEOCON**  
 CONSULTANTS INCORPORATED  
 6970 FLANDERS DRIVE - SAN DIEGO, CALIFORNIA 92121-2974  
 PHONE 858.558-6100 - FAX 858.558-8437

PROJECT NO. 09100-06-49  
 FIGURE 2, PLATE 12  
 DATE: 09-19-2002

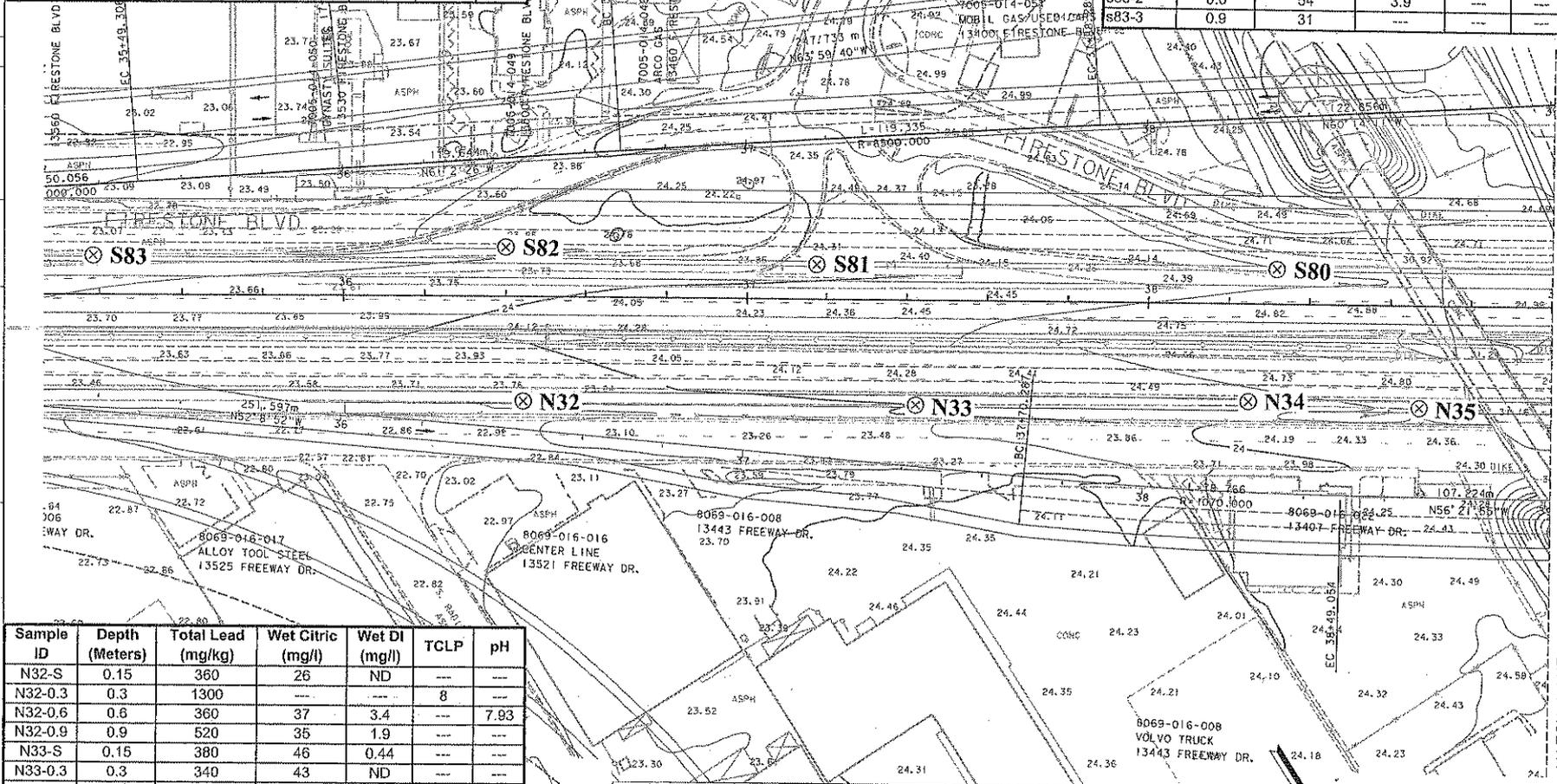
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
 PROJECT ENGINEER  
 CALCULATED/DESIGNED BY  
 CHECKED BY  
 DATE REVISOR  
 DATE REVISOR

DATE PLOTTED: 09-19-2002  
 DATE REGISTERED: 09-19-2002

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
**Ed Catron**  
 PROJECT ENGINEER  
 CALCULATED/DESIGNED BY  
 CHECKED BY  
 DATE REVISION  
 DATE REVISION

Sample ID	Depth (Meters)	Total Lead (mg/kg)	Wet Citric (mg/l)	Wet DI (mg/l)	TCLP	pH
s80-s	0.15	590	6.2	0.8	---	---
s80-1	0.3	40	---	---	---	---
s80-2	0.6	66	2.7	---	---	---
s81-s	0.15	470	5.1	1.9	---	8.52
s81-1	0.3	30	---	---	---	---
s81-2	0.6	72	5.5	0.36	---	---
s81-3	0.9	9.8	---	---	---	---

Sample ID	Depth (Meters)	Total Lead (mg/kg)	Wet Citric (mg/l)	Wet DI (mg/l)	TCLP	pH
s82-s	0.15	710	70	3.5	---	---
s82-1	0.3	180	14	0.86	---	---
s82-2	0.6	170	13	0.39	---	---
s82-3	0.9	160	8.3	0.23	---	---
s83-s	0.15	720	63	1.1	---	---
s83-1	0.3	350	26	0.56	---	7.29
s83-2	0.6	54	3.9	---	---	---
s83-3	0.9	31	---	---	---	---



Sample ID	Depth (Meters)	Total Lead (mg/kg)	Wet Citric (mg/l)	Wet DI (mg/l)	TCLP	pH
N32-S	0.15	360	26	ND	---	---
N32-0.3	0.3	1300	---	---	8	---
N32-0.6	0.6	360	37	3.4	---	7.93
N32-0.9	0.9	520	35	1.9	---	---
N33-S	0.15	380	46	0.44	---	---
N33-0.3	0.3	340	43	ND	---	---
N34-S	0.15	900	87	0.28	---	---
N34-0.3	0.3	430	46	0.61	---	3.04
N34-0.6	0.6	42	---	---	---	---
N35-S	0.15	1600	---	---	1.3	---
N35-0.3	0.3	910	89	0.91	---	---
N35-0.6	0.6	440	37	0.38	---	2.92

**BORING LOCATION MAP**  
 ROUTE 5 FROM THE ORANGE COUNTY LINE TO THE ROUTE 605

**GEOCON**  
 CONSULTANTS INCORPORATED  
 6970 FLANDERS DRIVE - SAN DIEGO, CALIFORNIA 92121-2974  
 PHONE 858.558-6100 - FAX 858.558-8437

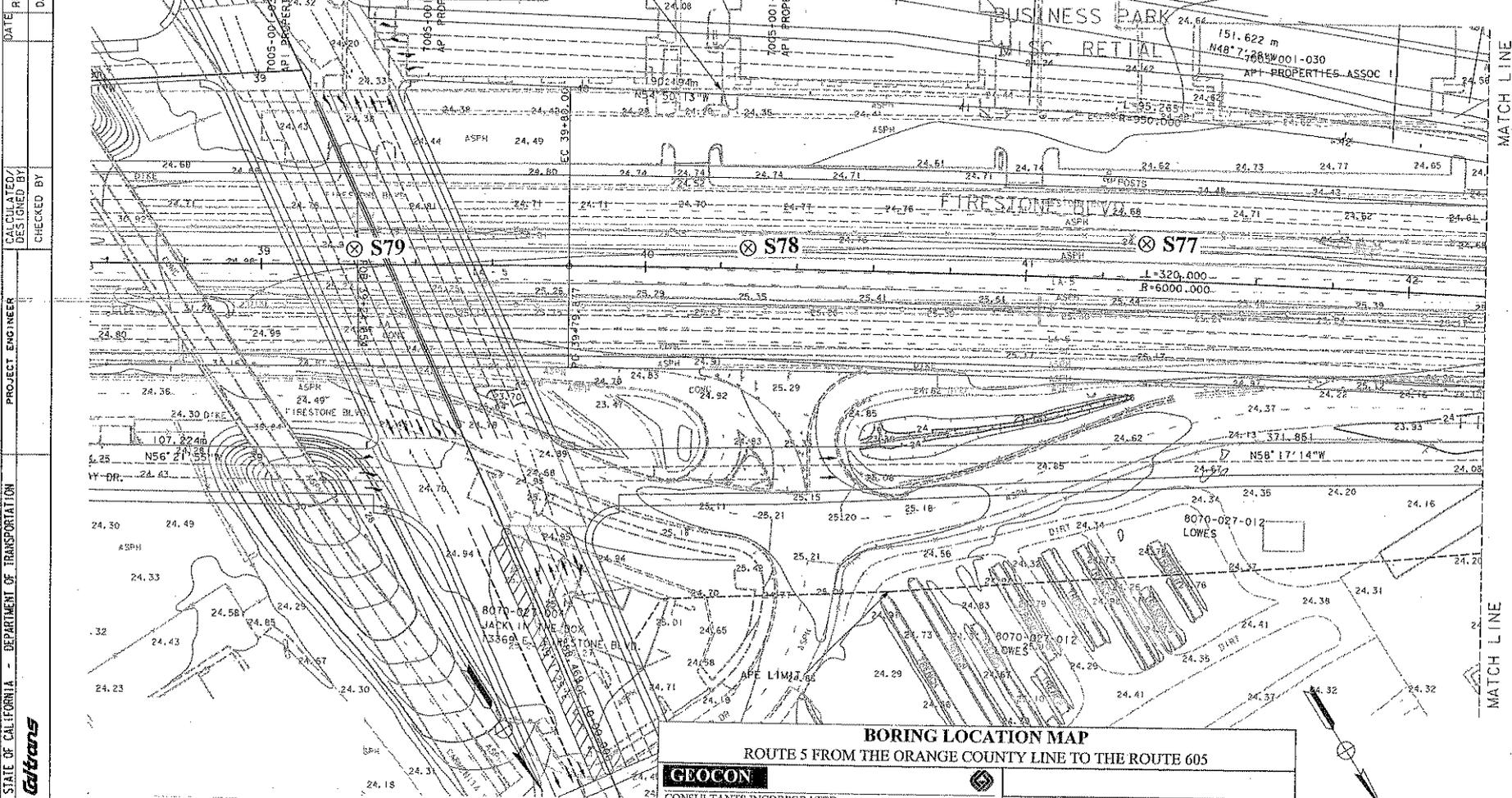
PROJECT NO. 09100-06-49  
 FIGURE 2, PLATE 13  
 DATE: 09-18-2002

MATCH LINE

MATCH LINE

Sample ID	Depth (Meters)	Total Lead (mg/kg)	Wet Citric (mg/l)	Wet DI (mg/l)	TCLP	pH
s77-s	0.15	360	33	1.7	---	---
s77-1	0.3	950	160	12	---	---
s77-2	0.6	470	24	1.8	---	---
s77-3	0.9	120	8.2	ND	---	---
s78-s	0.15	890	100	2.4	---	---
s78-1	0.3	230	15	ND	---	---
s78-2	0.6	370	57	0.82	---	7.16
s78-3	0.9	17	---	---	---	---

Sample ID	Depth (Meters)	Total Lead (mg/kg)	Wet Citric (mg/l)	Wet DI (mg/l)	TCLP	pH
s79-s	0.15	500	110	1.1	---	---
s79-1	0.3	47	---	---	---	---
s79-2	0.6	48	---	---	---	---
s79-3	0.9	23	---	---	---	---



**BORING LOCATION MAP**  
**ROUTE 5 FROM THE ORANGE COUNTY LINE TO THE ROUTE 605**

<p><b>GEOCON</b>  CONSULTANTS INCORPORATED  6970 FLANDERS DRIVE - SAN DIEGO, CALIFORNIA 92121-2974  PHONE 858-558-6100 - FAX 858-558-8437</p>	PROJECT NO. 09100-06-49
	FIGURE 2, PLATE 14
	DATE: 09-18-2002

USERNAME: EUSER

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
**Caltrans**

PROJECT ENGINEER: \_\_\_\_\_  
CHECKED BY: \_\_\_\_\_  
DESIGNED BY: \_\_\_\_\_  
DATE REVISION: \_\_\_\_\_

MATCH LINE

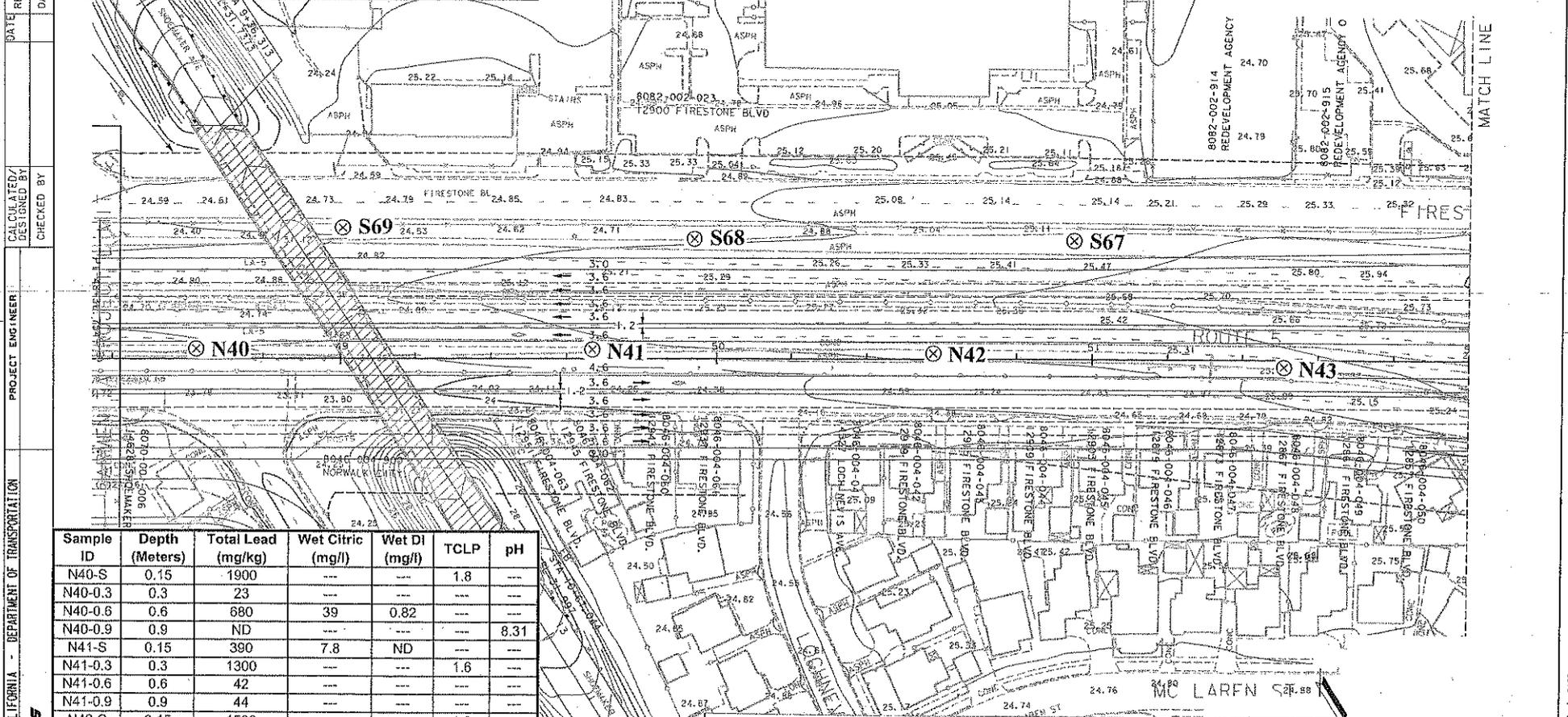
MATCH LINE





Sample ID	Depth (Meters)	Total Lead (mg/kg)	Wet Citric (mg/l)	Wet DI (mg/l)	TCLP	pH
s67-s	0.15	60	75	1.2	---	---
s67-1	0.3	380	33	1.1	---	---
s67-2	0.6	80	7.5	ND	---	---
s67-3	0.9	950	1.7	---	---	---
s68-s	0.15	64	30	0.44	---	---
s68-1	0.3	70	35	0.6	---	---
s68-2	0.6	43	---	---	---	7.23
s68-3	0.9	150	2.1	---	---	---

Sample ID	Depth (Meters)	Total Lead (mg/kg)	Wet Citric (mg/l)	Wet DI (mg/l)	TCLP	pH
s69-s	0.15	48	---	---	---	---
s69-1	0.3	47	---	---	---	---
s69-2	0.6	110	17	0.41	---	---
s69-3	0.9	150	4.5	---	---	---



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
*Caltrans*  
 PROJECT ENGINEER  
 CALCULATED/DESIGNED BY  
 CHECKED BY  
 DATE REVISIONS  
 DATE REVISIONS

Sample ID	Depth (Meters)	Total Lead (mg/kg)	Wet Citric (mg/l)	Wet DI (mg/l)	TCLP	pH
N40-S	0.15	1900	---	---	1.8	---
N40-0.3	0.3	23	---	---	---	---
N40-0.6	0.6	680	39	0.82	---	---
N40-0.9	0.9	ND	---	---	---	8.31
N41-S	0.15	390	7.8	ND	---	---
N41-0.3	0.3	1300	---	---	1.6	---
N41-0.6	0.6	42	---	---	---	---
N41-0.9	0.9	44	---	---	---	---
N42-S	0.15	1500	---	---	1.8	---
N42-0.3	0.3	890	44	2.1	---	---
N43-S	0.15	1900	---	---	3	---
N43-0.3	0.3	46	---	---	---	---
N43-0.6	0.6	46	---	---	---	---
N43-0.9	0.9	9.4	---	---	---	7.22

**BORING LOCATION MAP**  
 ROUTE 5 FROM THE ORANGE COUNTY LINE TO THE ROUTE 605

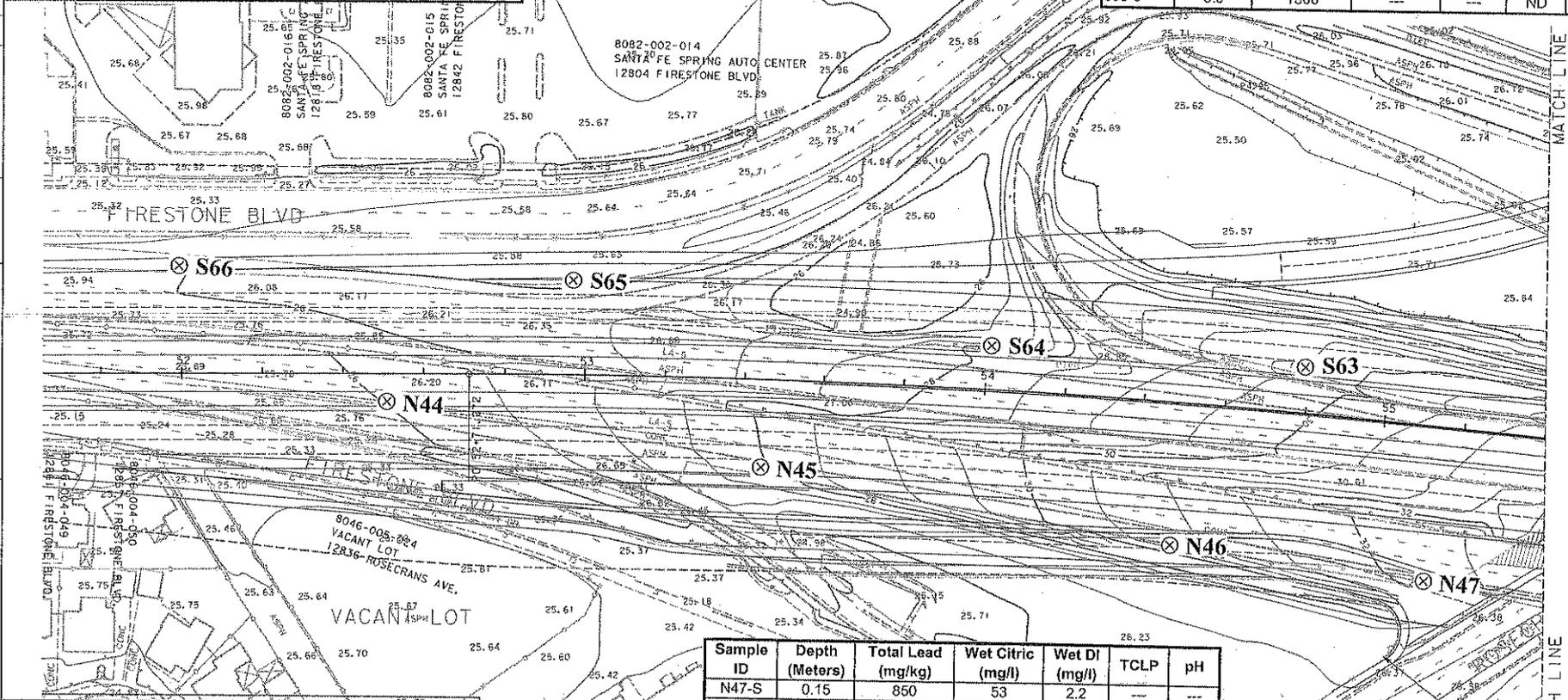
**GEOCON**  
 CONSULTANTS INCORPORATED  
 6970 PLANDERS DRIVE - SAN DIEGO, CALIFORNIA 92121-2974  
 PHONE 858.558-6100 - FAX 858.558-8437

PROJECT NO. 09100-06-49  
 FIGURE 2, PLATE 17  
 DATE: 09-19-2002

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
**Caltrans**  
 PROJECT ENGINEER  
 CALCULATED/DESIGNED BY  
 CHECKED BY  
 DATE REVISIED  
 DATE REVISIED

Sample ID	Depth (Meters)	Total Lead (mg/kg)	Wet Citric (mg/l)	Wet DI (mg/l)	TCLP	pH
s63-s	0.15	89	17	ND	---	---
s63-1	0.3	160	5.1	ND	---	---
s63-2	0.6	400	4.7	---	---	7.68
s63-3	0.9	180	8.4	ND	---	---
s64-s	0.15	46	---	---	---	---
s64-1	0.3	300	3.1	---	---	---
s64-2	0.6	370	3.3	---	---	---
s64-3	0.9	410	4.6	---	---	---

Sample ID	Depth (Meters)	Total Lead (mg/kg)	Wet Citric (mg/l)	Wet DI (mg/l)	TCLP	pH
s65-s	0.15	35	---	---	---	---
s65-1	0.3	140	3.8	---	---	---
s65-2	0.6	310	38	ND	---	---
s65-3	0.9	710	7.5	2.1	---	---
s66-s	0.15	21	---	---	---	6.2
s66-1	0.3	64	15	0.23	---	---
s66-2	0.6	240	4.7	---	---	---
s66-3	0.9	1300	---	---	ND	---



Sample ID	Depth (Meters)	Total Lead (mg/kg)	Wet Citric (mg/l)	Wet DI (mg/l)	TCLP	pH
N44-S	0.15	1100	---	---	2.8	---
N44-0.3	0.3	1300	---	---	3.7	---
N44-0.6	0.6	200	14	ND	---	---
N45-S	0.15	2000	---	---	3	---
N45-0.3	0.3	1300	---	---	2.6	---
N46-S	0.15	1500	---	---	2.2	---
N46-0.3	0.3	490	22	0.81	---	---

Sample ID	Depth (Meters)	Total Lead (mg/kg)	Wet Citric (mg/l)	Wet DI (mg/l)	TCLP	pH
N47-S	0.15	850	53	2.2	---	---
N47-0.3	0.3	760	48	3.1	---	---
N47-0.6	0.6	74	1.9	---	---	8.63
N47-0.9	0.9	400	28	1.5	---	---

**BORING LOCATION MAP**  
 ROUTE 5 FROM THE ORANGE COUNTY LINE TO THE ROUTE 605

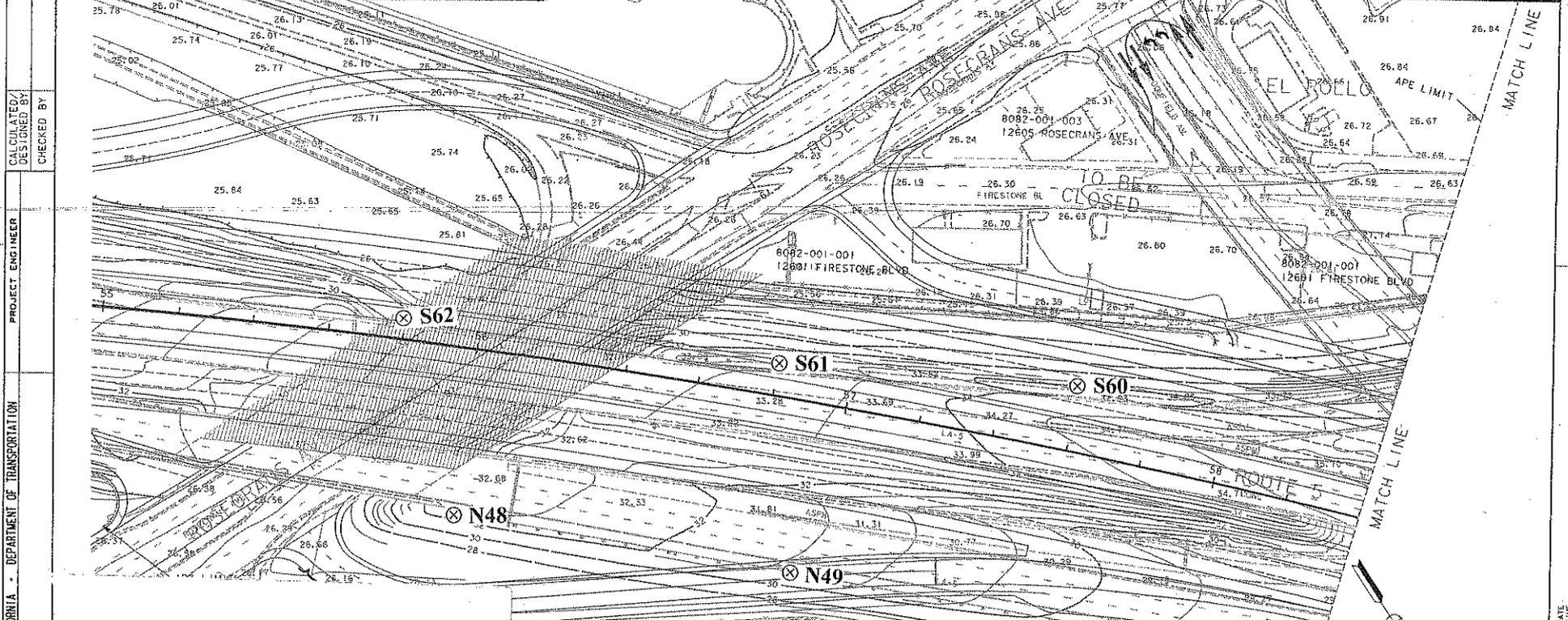
**GEOCON**  
 CONSULTANTS INCORPORATED  
 6970 FLANDERS DRIVE - SAN DIEGO, CALIFORNIA 92121-2974  
 PHONE 858.558-6100 - FAX 858.558-8437

PROJECT NO. 09100-06-49  
 FIGURE 2, PLATE 18  
 DATE: 09-19-2002

MATCH LINE

Sample ID	Depth (Meters)	Total Lead (mg/kg)	Wet Citric (mg/l)	Wet DI (mg/l)	TCLP	pH
s60-s	0.15	62	39	0.26	---	---
s60-1	0.3	200	7.6	ND	---	---
s60-2	0.6	47	---	---	---	---
s60-3	0.9	1100	---	---	ND	---
s61-s	0.15	1200	---	---	0.84	7.19
s61-1	0.3	770	25	0.5	---	---
s61-2	0.6	1300	---	---	0.75	---
s61-3	0.9	640	13	0.35	---	---
s62-s	0.15	200	8.5	ND	---	---
s62-1	0.3	220	1.3	---	---	---
s62-2	0.6	1800	---	---	ND	---
s62-3	0.9	240	0.55	---	---	---

Sample ID	Depth (Meters)	Total Lead (mg/kg)	Wet Citric (mg/l)	Wet DI (mg/l)	TCLP	pH
N48-S	0.15	1300	---	---	1.4	---
N48-0.3	0.3	310	29	1.1	---	---
N48-0.6	0.6	180	12	0.21	---	---
N48-0.9	0.9	360	30	1.3	---	---
N49-S	0.15	810	45	2.5	---	---
N49-0.3	0.3	220	11	0.28	---	---
N49-0.6	0.6	350	20	0.37	---	---
N50-S	0.15	1200	---	---	1.3	---
N50-0.3	0.3	450	22	1	---	8.33
N50-0.6	0.6	200	19	1.1	---	---
N50-0.9	0.9	160	3.7	---	---	---



**BORING LOCATION MAP**  
 ROUTE 5 FROM THE ORANGE COUNTY LINE TO THE ROUTE 605

**GEOCON**  
 CONSULTANTS INCORPORATED  
 6970 FLANDERS DRIVE - SAN DIEGO, CALIFORNIA 92121-2974  
 PHONE 858-558-6100 - FAX 858-558-8437

PROJECT NO. 09100-06-49  
 FIGURE 2, PLATE 19  
 DATE: 09-19-2002

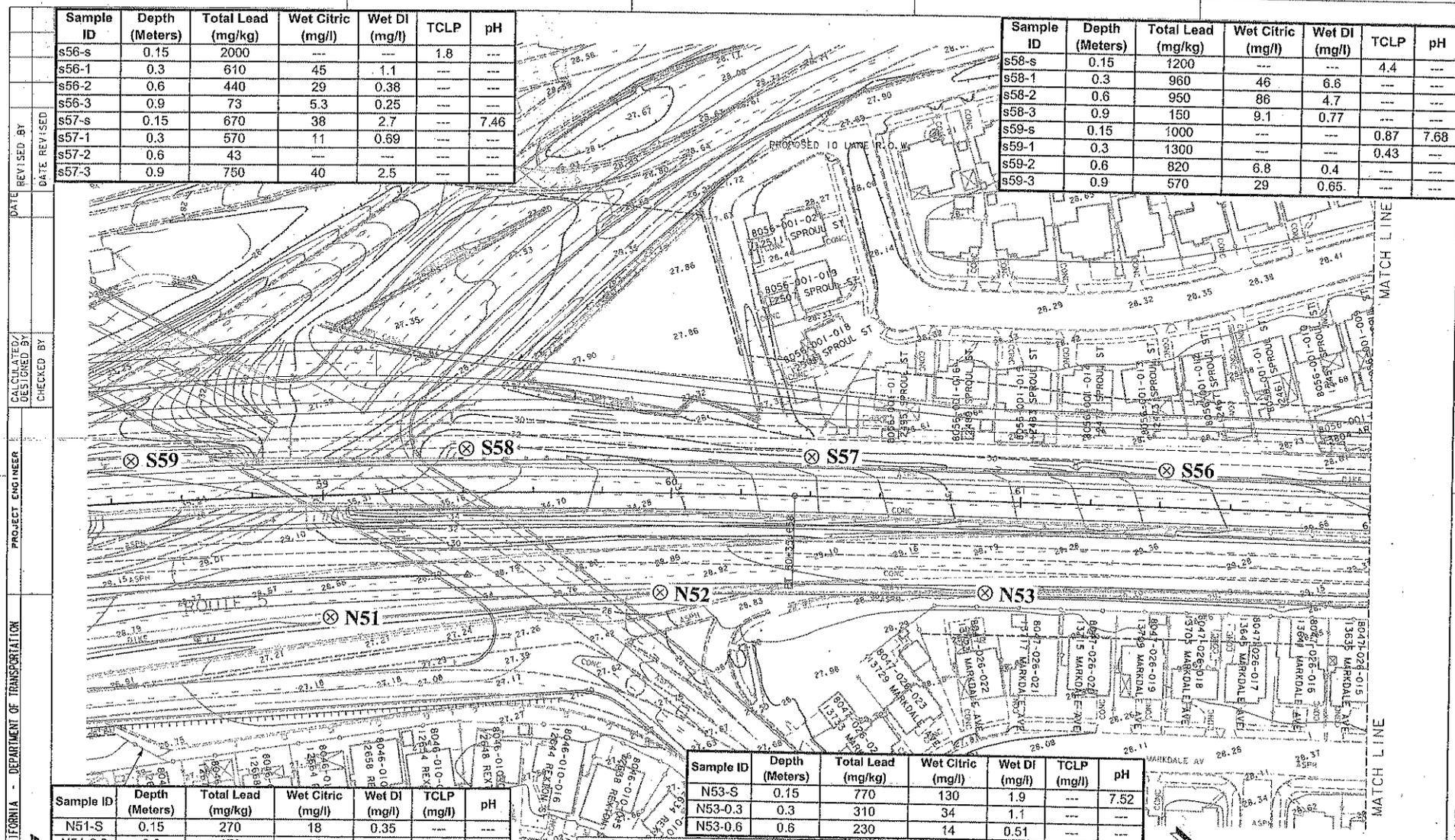
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
 PROJECT ENGINEER  
 CALCULATED/DESIGNED BY  
 CHECKED BY  
 DATE REVISSED  
 DATE REVISSED



ALL DIMENSIONS DATE PLOTTED 09/19/02  
 07-25-02 TIME PLOTTED 11:41 AM

Sample ID	Depth (Meters)	Total Lead (mg/kg)	Wet Citric (mg/l)	Wet DI (mg/l)	TCLP	pH
s56-s	0.15	2000	---	---	1.8	---
s56-1	0.3	610	45	1.1	---	---
s56-2	0.6	440	29	0.38	---	---
s56-3	0.9	73	5.3	0.25	---	---
s57-s	0.15	670	38	2.7	---	7.46
s57-1	0.3	570	11	0.69	---	---
s57-2	0.6	43	---	---	---	---
s57-3	0.9	750	40	2.5	---	---

Sample ID	Depth (Meters)	Total Lead (mg/kg)	Wet Citric (mg/l)	Wet DI (mg/l)	TCLP	pH
s58-s	0.15	1200	---	---	4.4	---
s58-1	0.3	960	46	6.6	---	---
s58-2	0.6	950	86	4.7	---	---
s58-3	0.9	150	9.1	0.77	---	---
s59-s	0.15	1000	---	---	0.87	7.68
s59-1	0.3	1300	---	---	0.43	---
s59-2	0.6	820	6.8	0.4	---	---
s59-3	0.9	570	29	0.65	---	---



Sample ID	Depth (Meters)	Total Lead (mg/kg)	Wet Citric (mg/l)	Wet DI (mg/l)	TCLP (mg/l)	pH
N51-S	0.15	270	18	0.35	---	---
N51-0.3	0.3	170	11	0.32	---	---
N51-0.6	0.6	120	11	0.47	---	---
N52-S	0.15	1100	---	---	1.9	---
N52-0.3	0.3	890	65	3	---	---
N52-0.6	0.6	440	38	2.3	---	---
N52-0.9	0.9	43	---	---	---	---

Sample ID	Depth (Meters)	Total Lead (mg/kg)	Wet Citric (mg/l)	Wet DI (mg/l)	TCLP (mg/l)	pH
N53-S	0.15	770	130	1.9	---	7.52
N53-0.3	0.3	310	34	1.1	---	---
N53-0.6	0.6	230	14	0.51	---	---

**BORING LOCATION MAP**  
ROUTE 5 FROM THE ORANGE COUNTY LINE TO THE ROUTE 605

**GEOCON**  
CONSULTANTS INCORPORATED  
6978 FLANDERS DRIVE - SAN DIEGO, CALIFORNIA 92121-2974  
PHONE 858.558-6100 - FAX 858.558-8437

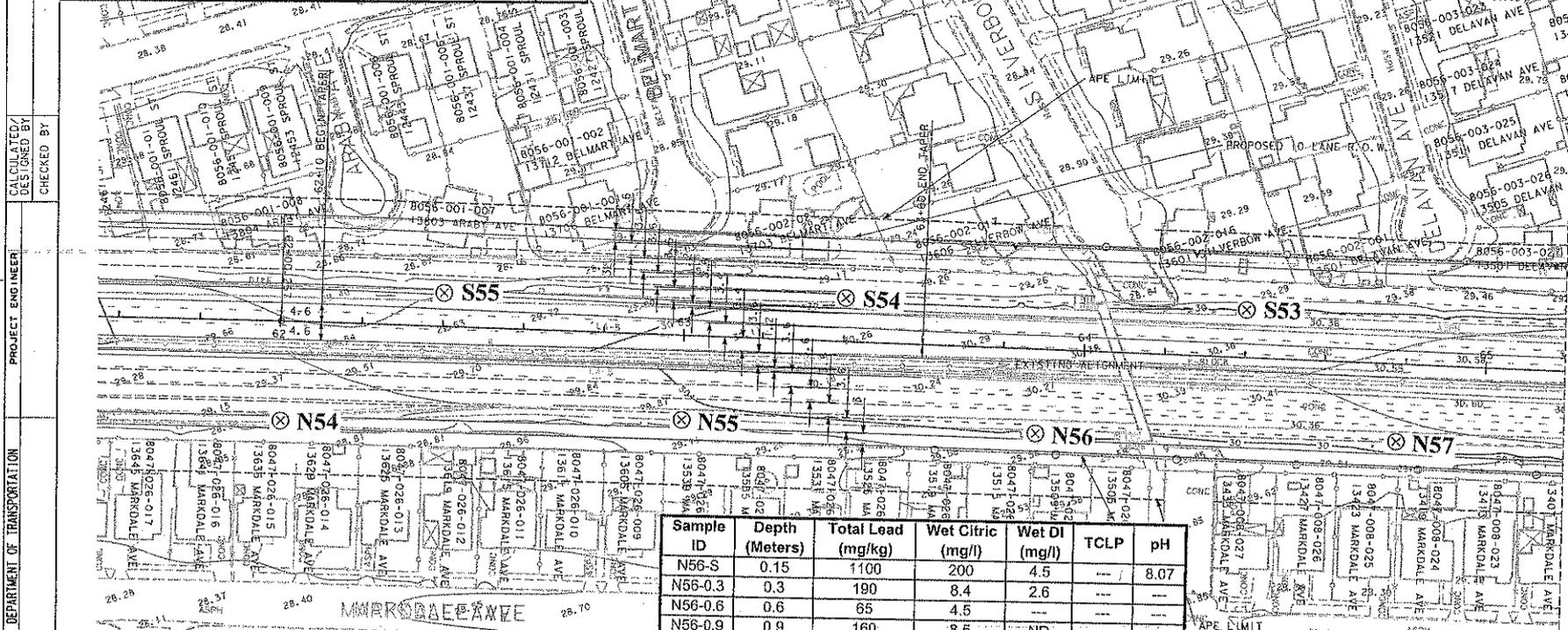
PROJECT NO. 09100-06-49  
FIGURE 2, PLATE 20  
DATE: 09-19-2002

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
*Caltrans*

PROJECT ENGINEER  
CALCULATED/DESIGNED BY  
CHECKED BY  
DATE  
REVISED BY  
DATE REVISED

MATCH LINE

Sample ID	Depth (Meters)	Total Lead (mg/kg)	Wet Citric (mg/l)	Wet DI (mg/l)	TCLP	pH
s53-s	0.15	510	41	1.6	---	---
s53-1	0.3	190	12	0.27	---	---
s53-2	0.6	14	---	---	---	---
s53-3	0.9	38	---	---	---	---
s54-s	0.15	1000	---	---	1.2	---
s54-1	0.3	41	---	---	---	8.4
s54-2	0.6	31	---	---	---	---
s54-3	0.9	12	---	---	---	---
s55-s	0.15	83	3.5	---	---	---
s55-1	0.3	510	27	2.4	---	---
s55-2	0.6	120	8.9	0.83	---	---



Sample ID	Depth (Meters)	Total Lead (mg/kg)	Wet Citric (mg/l)	Wet DI (mg/l)	TCLP	pH
N54-S	0.15	3500	---	---	8.2	---
N54-0.3	0.3	310	15	0.62	---	---
N54-0.6	0.6	130	8.1	ND	---	---
N54-0.9	0.9	490	35	0.63	---	---
N55-S	0.15	730	130	4.5	---	---
N55-0.3	0.3	940	140	7.4	---	---
N55-0.6	0.6	460	36	4.7	---	---

Sample ID	Depth (Meters)	Total Lead (mg/kg)	Wet Citric (mg/l)	Wet DI (mg/l)	TCLP	pH
N56-S	0.15	1100	200	4.5	---	8.07
N56-0.3	0.3	190	8.4	2.6	---	---
N56-0.6	0.6	65	4.5	---	---	---
N56-0.9	0.9	160	8.5	ND	---	---
N57-S	0.15	470	63	2.2	---	---
N57-0.3	0.3	260	27	0.6	---	---
N57-0.6	0.6	800	50	2.8	---	---

**BORING LOCATION MAP**  
**ROUTE 5 FROM THE ORANGE COUNTY LINE TO THE ROUTE 605**

<b>GEOCON</b> CONSULTANTS INCORPORATED 6970 FLANDERS DRIVE - SAN DIEGO, CALIFORNIA 92121-9974 PHONE 858.558-6100 - FAX 858.558-8437	PROJECT NO. 09100-06-49 FIGURE 2, PLATE 21 DATE: 09-19-2002
--	---

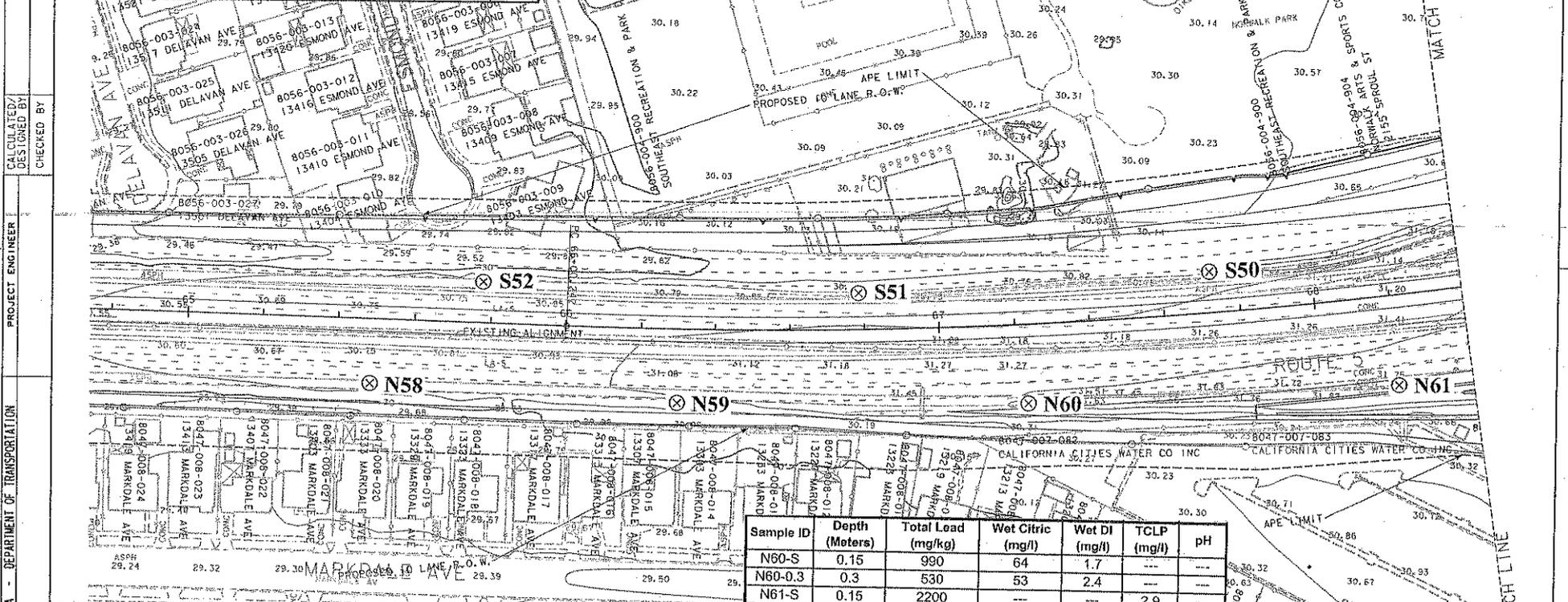
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
*Caltrans*  
 PROJECT ENGINEER: \_\_\_\_\_  
 CHECKED BY: \_\_\_\_\_  
 CALCULATED/DESIGNED BY: \_\_\_\_\_  
 DATE: \_\_\_\_\_  
 REVISED BY: \_\_\_\_\_  
 DATE REVISED: \_\_\_\_\_

MATCH LINE

MATCH LINE

DATE PLOTTED: 09-19-2002  
 USER: J. B. BAKER  
 PLOT FILE: 09100-06-49-21

Sample ID	Depth (Meters)	Total Lead (mg/kg)	Wet Citric (mg/l)	Wet DI (mg/l)	TCLP	pH
s50-s	0.15	960	97	1.6	---	---
s50-1	0.3	140	17	0.52	---	---
s50-2	0.6	66	7.4	ND	---	---
s50-3	0.9	120	11	ND	---	---
s51-s	0.15	470	48	1.4	---	---
s51-1	0.3	20	---	---	---	---
s51-2	0.6	30	---	---	---	---
s51-3	0.9	8	---	---	---	8.86
s52-s	0.15	680	53	2.2	---	---
s52-1	0.3	110	13	0.4	---	---
s52-2	0.6	180	6.6	0.36	---	---
s52-3	0.9	38	---	---	---	---



Sample ID	Depth (Meters)	Total Lead (mg/kg)	Wet Citric (mg/l)	Wet DI (mg/l)	TCLP (mg/l)	pH
N58-S	0.15	3400	---	---	4.6	---
N58-0.3	0.3	1300	---	---	2.6	---
N58-0.6	0.6	840	89	1.5	---	---
N59-S	0.15	1600	---	---	4.3	6.37
N59-0.3	0.3	360	51	2.6	---	---
N59-0.6	0.6	28	---	---	---	---

Sample ID	Depth (Meters)	Total Lead (mg/kg)	Wet Citric (mg/l)	Wet DI (mg/l)	TCLP (mg/l)	pH
N60-S	0.15	990	64	1.7	---	---
N60-0.3	0.3	530	53	2.4	---	---
N61-S	0.15	2200	---	---	2.9	---
N61-0.3	0.3	890	65	4.2	---	---
N61-0.6	0.6	500	27	1.3	---	---

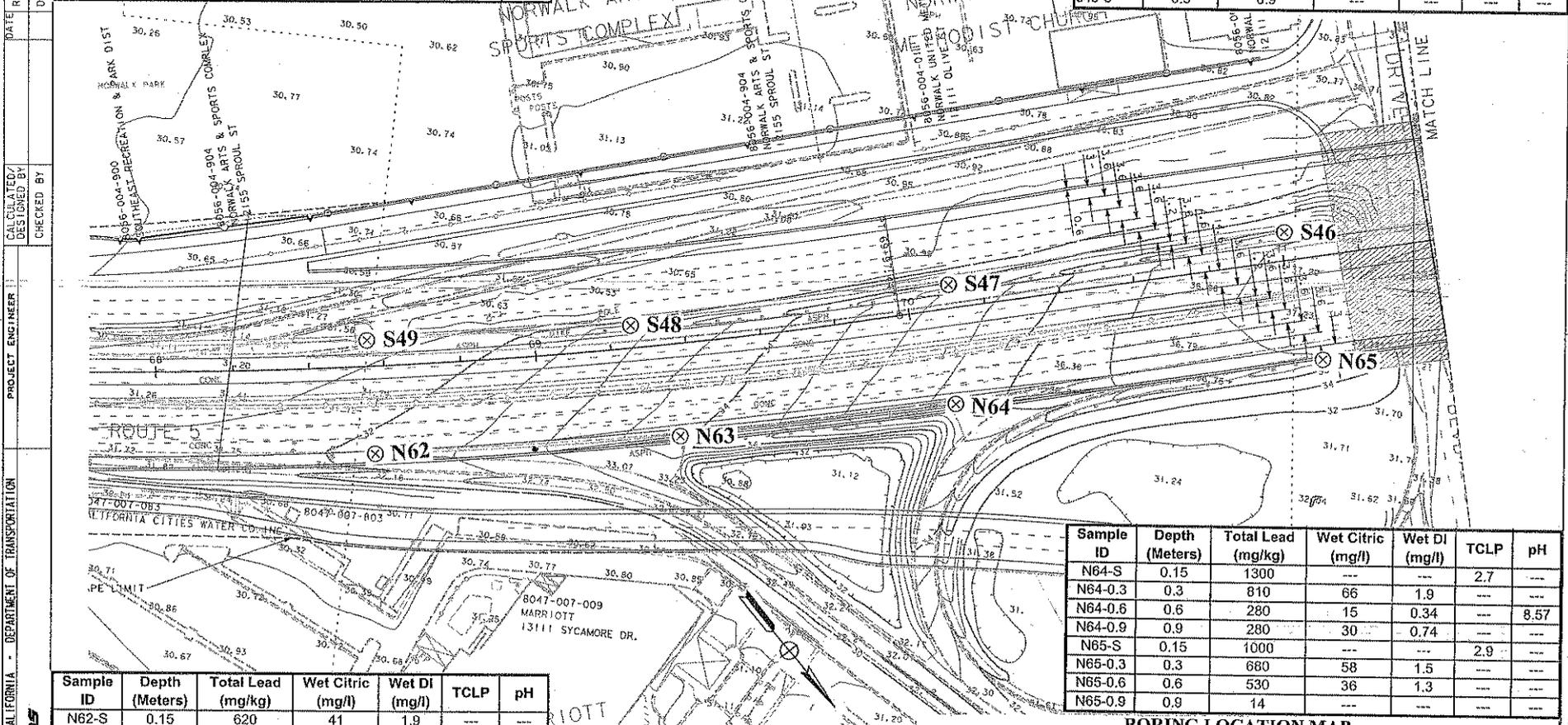
**BORING LOCATION MAP**  
ROUTE 5 FROM THE ORANGE COUNTY LINE TO THE ROUTE 605

**GEOCON**  
CONSULTANTS INCORPORATED  
6970 FLANDERS DRIVE - SAN DIEGO, CALIFORNIA 92121-2974  
PHONE 858.558-6100 - FAX 858.358-8437

PROJECT NO. 09100-06-49  
FIGURE 2, PLATE 22  
DATE: 09-19-2002

Sample ID	Depth (Meters)	Total Lead (mg/kg)	Wet Citric (mg/l)	Wet DI (mg/l)	TCLP	pH
s46-s	0.15	1300	---	---	2.7	---
s46-1	0.3	180	24	0.69	---	---
s46-2	0.6	350	23	0.95	---	---
s46-3	0.9	92	7.6	0.22	---	8.45
s47-s	0.15	800	81	2.9	---	---
s47-1	0.3	640	50	3	---	---
s47-2	0.6	94	7.7	0.64	---	---
s47-3	0.9	110	10	0.69	---	---

Sample ID	Depth (Meters)	Total Lead (mg/kg)	Wet Citric (mg/l)	Wet DI (mg/l)	TCLP	pH
s48-s	0.15	1100	---	---	1.9	---
s48-1	0.3	360	18	1.3	---	---
s48-2	0.6	99	5.7	0.35	---	---
s48-3	0.9	23	---	---	---	---
s49-s	0.15	310	26	ND	---	---
s49-1	0.3	18	---	---	---	7.88
s49-2	0.6	ND	---	---	---	---
s49-3	0.9	6.9	---	---	---	---



Sample ID	Depth (Meters)	Total Lead (mg/kg)	Wet Citric (mg/l)	Wet DI (mg/l)	TCLP	pH
N62-S	0.15	620	41	1.9	---	---
N62-0.3	0.3	340	26	1.1	---	---
N63-S	0.15	540	52	0.56	---	---
N63-0.3	0.3	530	34	0.96	---	---
N63-0.6	0.6	73	4.2	---	---	---
N63-0.9	0.9	190	13	0.26	---	---

Sample ID	Depth (Meters)	Total Lead (mg/kg)	Wet Citric (mg/l)	Wet DI (mg/l)	TCLP	pH
N64-S	0.15	1300	---	---	2.7	---
N64-0.3	0.3	810	66	1.9	---	---
N64-0.6	0.6	280	15	0.34	---	8.57
N64-0.9	0.9	280	30	0.74	---	---
N65-S	0.15	1000	---	---	2.9	---
N65-0.3	0.3	680	58	1.5	---	---
N65-0.6	0.6	530	36	1.3	---	---
N65-0.9	0.9	14	---	---	---	---

**BORING LOCATION MAP**  
ROUTE 5 FROM THE ORANGE COUNTY LINE TO THE ROUTE 605

**GEOCON**  
CONSULTANTS INCORPORATED  
6970 PLANDERS DRIVE - SAN DIEGO, CALIFORNIA 92121-2974  
PHONE 858 558-6100 - FAX 858 558-8437

PROJECT NO. 09100-06-49  
FIGURE 2, PLATE 23  
DATE: 09-19-2002

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
 PROJECT ENGINEER  
 CALCULATED/DESIGNED BY  
 CHECKED BY  
 DATE REVISION  
 DATE REVISION  
 REVISED BY



DATE PLOTTED: 09-19-2002  
 TIME PLOTTED: 11:00 AM  
 USERNAME: AUSER

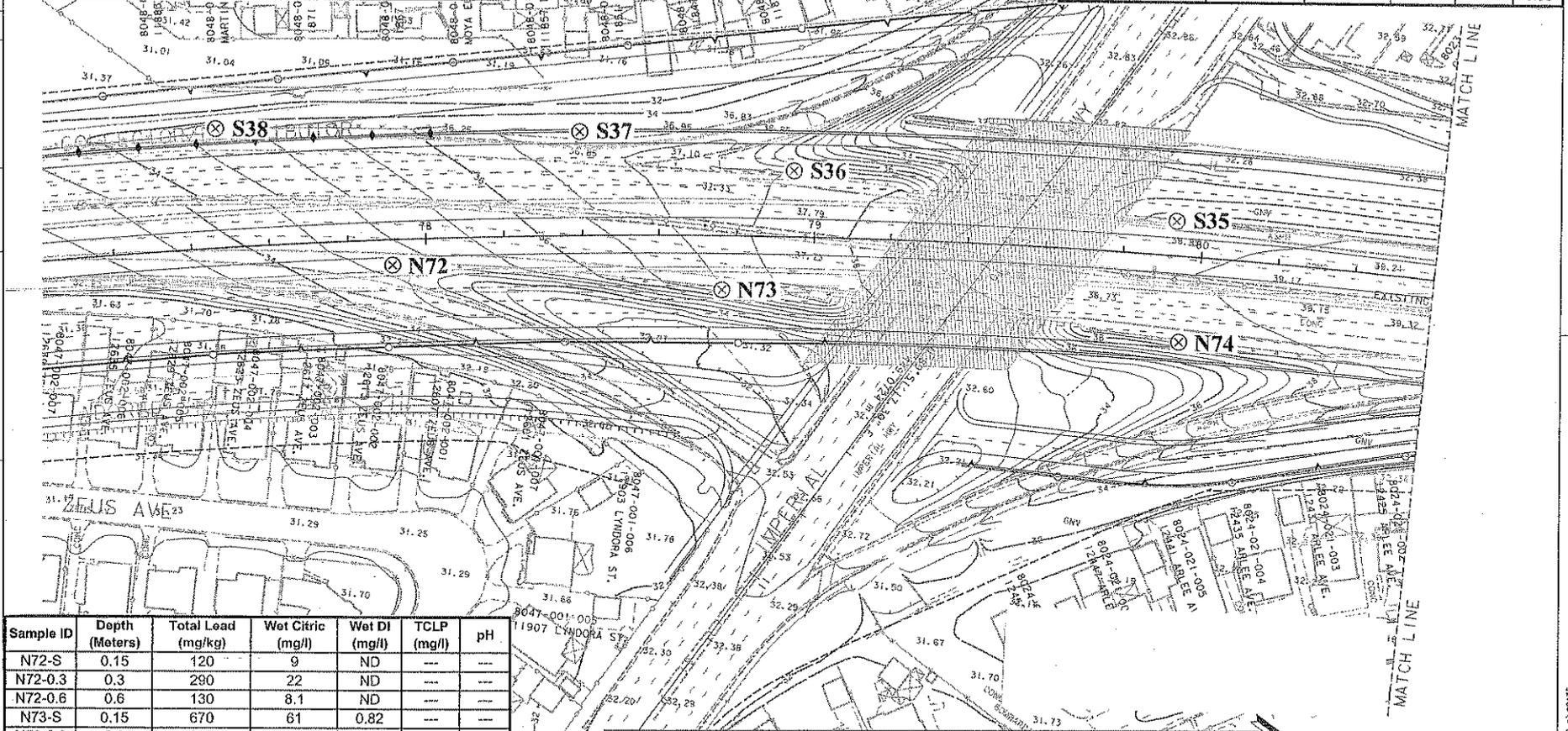




STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
*Caltrans*  
 PROJECT ENGINEER  
 CHECKED BY  
 DESIGNED BY  
 DATE REVISOR  
 DATE REVISOR

Sample ID	Depth (Meters)	Total Lead (mg/kg)	Wet Citric (mg/l)	Wet DI (mg/l)	TCLP	pH
s35-s	0.15	1100	---	---	4.9	---
s35-1	0.3	680	58	1.9	---	---
s35-2	0.6	100	6.3	0.29	---	---
s35-3	0.9	53	4.1	---	---	---
s36-s	0.15	650	17	ND	---	---
s36-1	0.3	14	---	---	---	8.41
s36-2	0.6	11	---	---	---	---
s36-3	0.9	10	---	---	---	---

Sample ID	Depth (Meters)	Total Lead (mg/kg)	Wet Citric (mg/l)	Wet DI (mg/l)	TCLP	pH
s37-s	0.15	1200	---	---	4.3	---
s37-1	0.3	790	63	1.5	---	---
s37-2	0.6	140	10	0.49	---	---
s37-3	0.9	76	3.1	---	---	---
s38-s	0.15	330	27	0.35	---	---
s38-1	0.3	320	21	0.28	---	---
s38-2	0.6	63	3.7	---	---	---
s38-3	0.9	140	6.2	ND	---	6.53



Sample ID	Depth (Meters)	Total Lead (mg/kg)	Wet Citric (mg/l)	Wet DI (mg/l)	TCLP (mg/l)	pH
N72-S	0.15	120	9	ND	---	---
N72-0.3	0.3	290	22	ND	---	---
N72-0.6	0.6	130	8.1	ND	---	---
N73-S	0.15	670	61	0.82	---	---
N73-0.3	0.3	930	88	2.2	---	---
N73-0.6	0.6	1500	---	---	4.4	8.27
N74-S	0.15	170	22	1.2	---	---
N74-0.3	0.3	250	26	0.86	---	---
N74-0.6	0.6	320	16	0.68	---	---
N74-0.9	0.9	120	9.1	ND	---	---

**BORING LOCATION MAP**  
 ROUTE 5 FROM THE ORANGE COUNTY LINE TO THE ROUTE 605

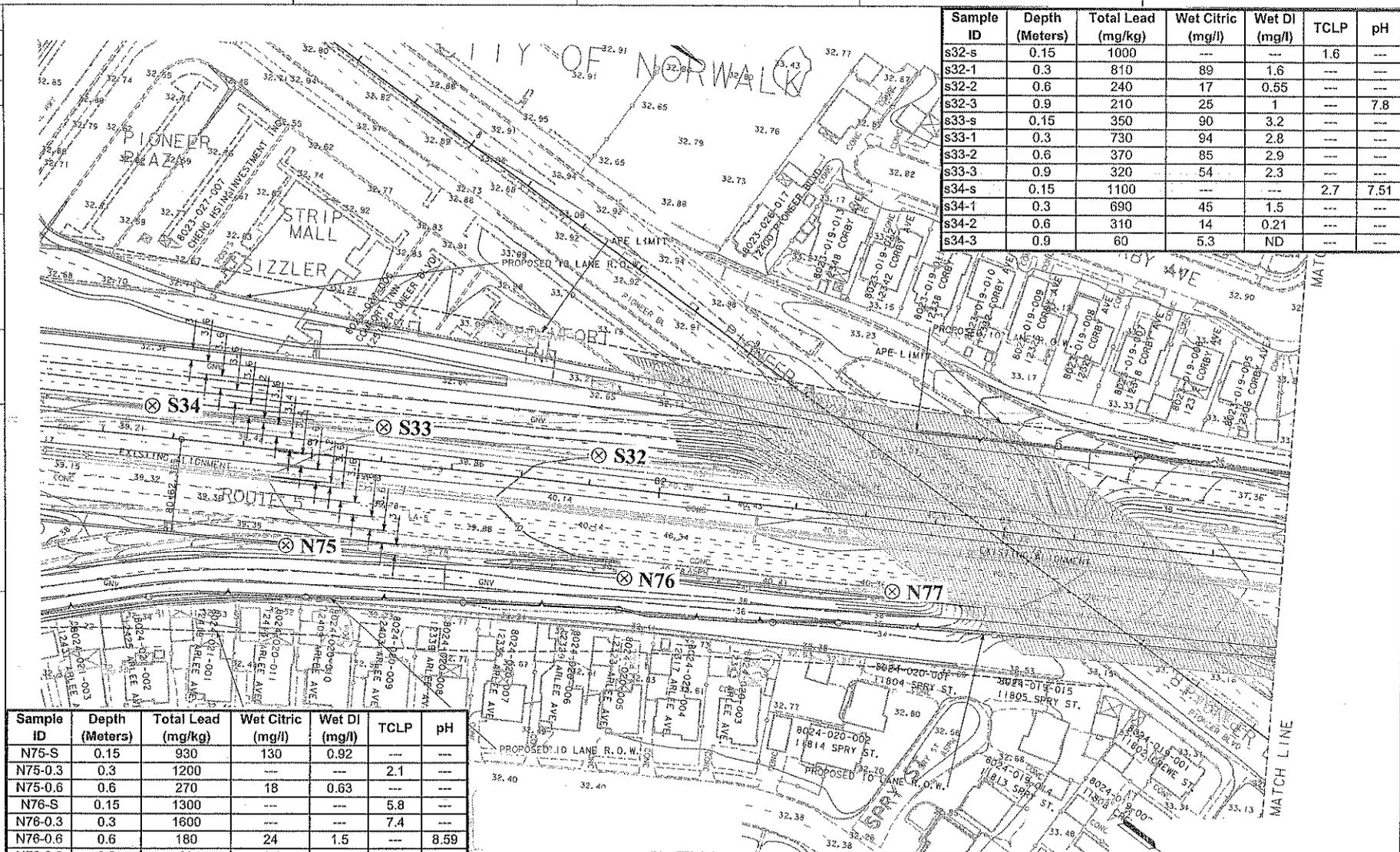
**GEOCON**  
 CONSULTANTS INCORPORATED  
 6970 FLANDERS DRIVE - SAN DIEGO, CALIFORNIA 92121-2974  
 PHONE 619.558-6100 - FAX 619.558-8437

PROJECT NO. 09100-06-49  
 FIGURE 2, PLATE 26  
 DATE: 09-19-2002

CU 07227 EA 2159A0

DATE PLOTTED: 07-25-02  
 TIME PLOTTED: 3:51 PM

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
*Caltrans*  
 PROJECT ENGINEER  
 CALCULATED/DESIGNED BY  
 CHECKED BY  
 DATE REVISOR BY  
 DATE REVISOR BY



Sample ID	Depth (Meters)	Total Lead (mg/kg)	Wet Citric (mg/l)	Wet DI (mg/l)	TCLP	pH
N75-S	0.15	930	130	0.92	---	---
N75-0.3	0.3	1200	---	---	2.1	---
N75-0.6	0.6	270	18	0.63	---	---
N76-S	0.15	1300	---	---	5.8	---
N76-0.3	0.3	1600	---	---	7.4	---
N76-0.6	0.6	180	24	1.5	---	8.59
N76-0.9	0.9	82	4.4	---	---	---
N77-S	0.15	1700	---	---	14	---
N77-0.3	0.3	670	58	2.8	---	---
N77-0.6	0.6	2200	---	---	7.7	---
N77-0.9	0.9	1100	---	---	5.8	---

Sample ID	Depth (Meters)	Total Lead (mg/kg)	Wet Citric (mg/l)	Wet DI (mg/l)	TCLP	pH
S32-S	0.15	1000	---	---	1.6	---
S32-1	0.3	810	89	1.6	---	---
S32-2	0.6	240	17	0.55	---	---
S32-3	0.9	210	25	1	---	7.8
S33-S	0.15	350	90	3.2	---	---
S33-1	0.3	730	94	2.8	---	---
S33-2	0.6	370	85	2.9	---	---
S33-3	0.9	320	54	2.3	---	---
S34-S	0.15	1100	---	---	2.7	7.51
S34-1	0.3	690	45	1.5	---	---
S34-2	0.6	310	14	0.21	---	---
S34-3	0.9	60	5.3	ND	---	---

**BORING LOCATION MAP**  
 ROUTE 5 FROM THE ORANGE COUNTY LINE TO THE ROUTE 605

**GEOCON**  
 CONSULTANTS INCORPORATED  
 6970 FLANDERS DRIVE - SAN DIEGO, CALIFORNIA 92121-2974  
 PHONE 858.558-6100 - FAX 858.558-8437

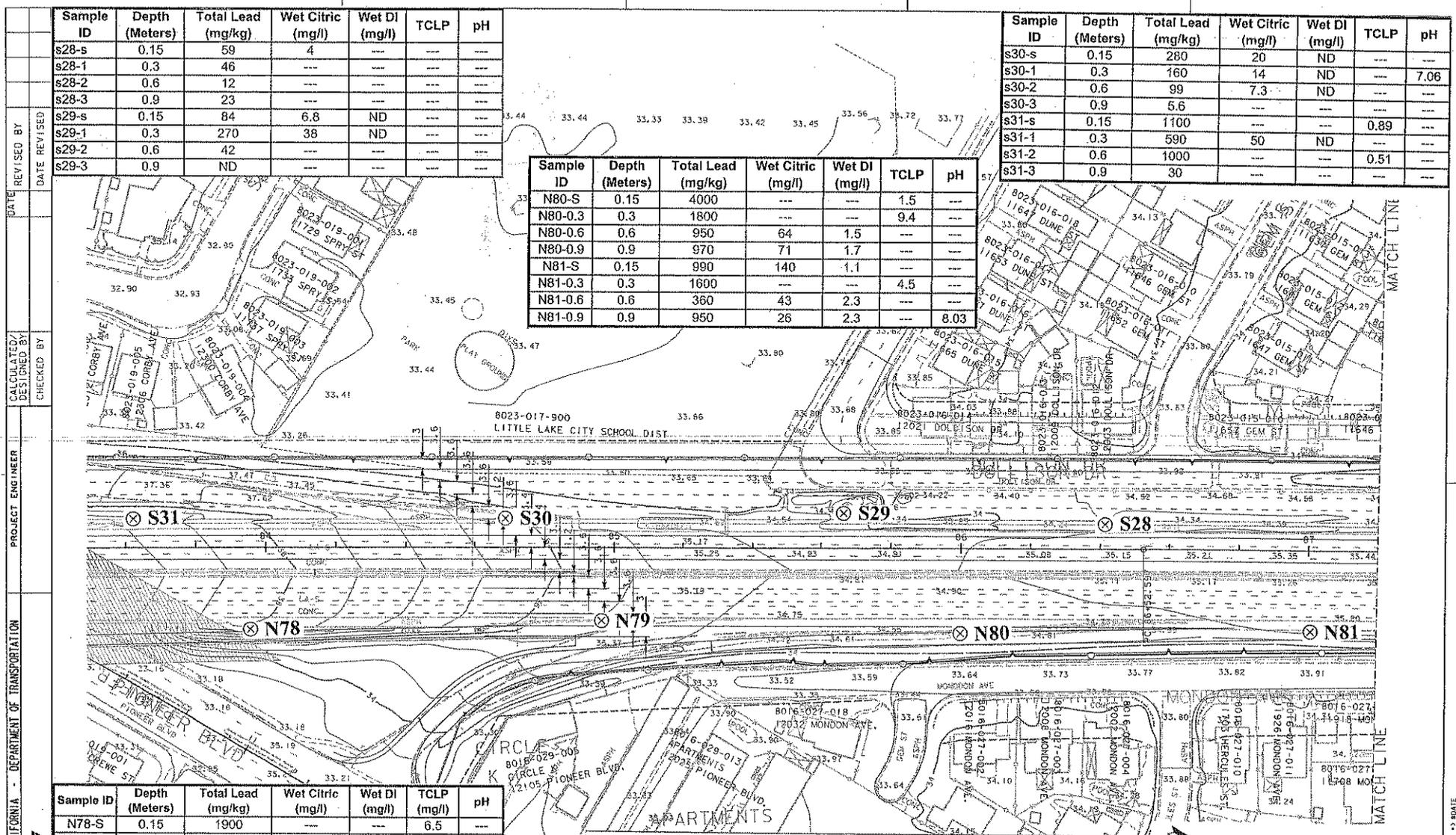
PROJECT NO. 09100-66-49  
 FIGURE 2, PLATE 27  
 DATE: 09-19-2002

DATE PLOTTED BY: BATE  
 07-25-02 TIME PLOTTED: 3:31 PM

Sample ID	Depth (Meters)	Total Lead (mg/kg)	Wet Citric (mg/l)	Wet DI (mg/l)	TCLP	pH
s28-s	0.15	59	4	---	---	---
s28-1	0.3	46	---	---	---	---
s28-2	0.6	12	---	---	---	---
s28-3	0.9	23	---	---	---	---
s29-s	0.15	84	6.8	ND	---	---
s29-1	0.3	270	38	ND	---	---
s29-2	0.6	42	---	---	---	---
s29-3	0.9	ND	---	---	---	---

Sample ID	Depth (Meters)	Total Lead (mg/kg)	Wet Citric (mg/l)	Wet DI (mg/l)	TCLP	pH
N80-S	0.15	4000	---	---	1.5	---
N80-0.3	0.3	1800	---	---	9.4	---
N80-0.6	0.6	950	64	1.5	---	---
N80-0.9	0.9	970	71	1.7	---	---
N81-S	0.15	990	140	1.1	---	---
N81-0.3	0.3	1600	---	---	4.5	---
N81-0.6	0.6	360	43	2.3	---	---
N81-0.9	0.9	950	26	2.3	---	8.03

Sample ID	Depth (Meters)	Total Lead (mg/kg)	Wet Citric (mg/l)	Wet DI (mg/l)	TCLP	pH
s30-s	0.15	280	20	ND	---	---
s30-1	0.3	160	14	ND	---	7.06
s30-2	0.6	99	7.3	ND	---	---
s30-3	0.9	5.6	---	---	---	---
s31-s	0.15	1100	---	---	0.89	---
s31-1	0.3	590	50	ND	---	---
s31-2	0.6	1000	---	---	0.51	---
s31-3	0.9	30	---	---	---	---



REVISIONS: DATE PLOTTED: 07-25-03 DATE PLOTTED: 03-31-02  
 PROJECT ENGINEER: [Signature]  
 CHECKED BY: [Signature]  
 CALCULATED & DESIGNED BY: [Signature]  
 DATE: [Signature]

Sample ID	Depth (Meters)	Total Lead (mg/kg)	Wet Citric (mg/l)	Wet DI (mg/l)	TCLP	pH
N78-S	0.15	1900	---	---	6.5	---
N78-0.3	0.3	1200	---	---	5.1	---
N78-0.6	0.6	400	32	0.52	---	---
N79-S	0.15	1400	---	---	5.7	---
N79-0.3	0.3	26	---	---	---	8.48
N79-0.6	0.6	5.1	---	---	---	---
N79-0.9	0.9	39	---	---	---	---

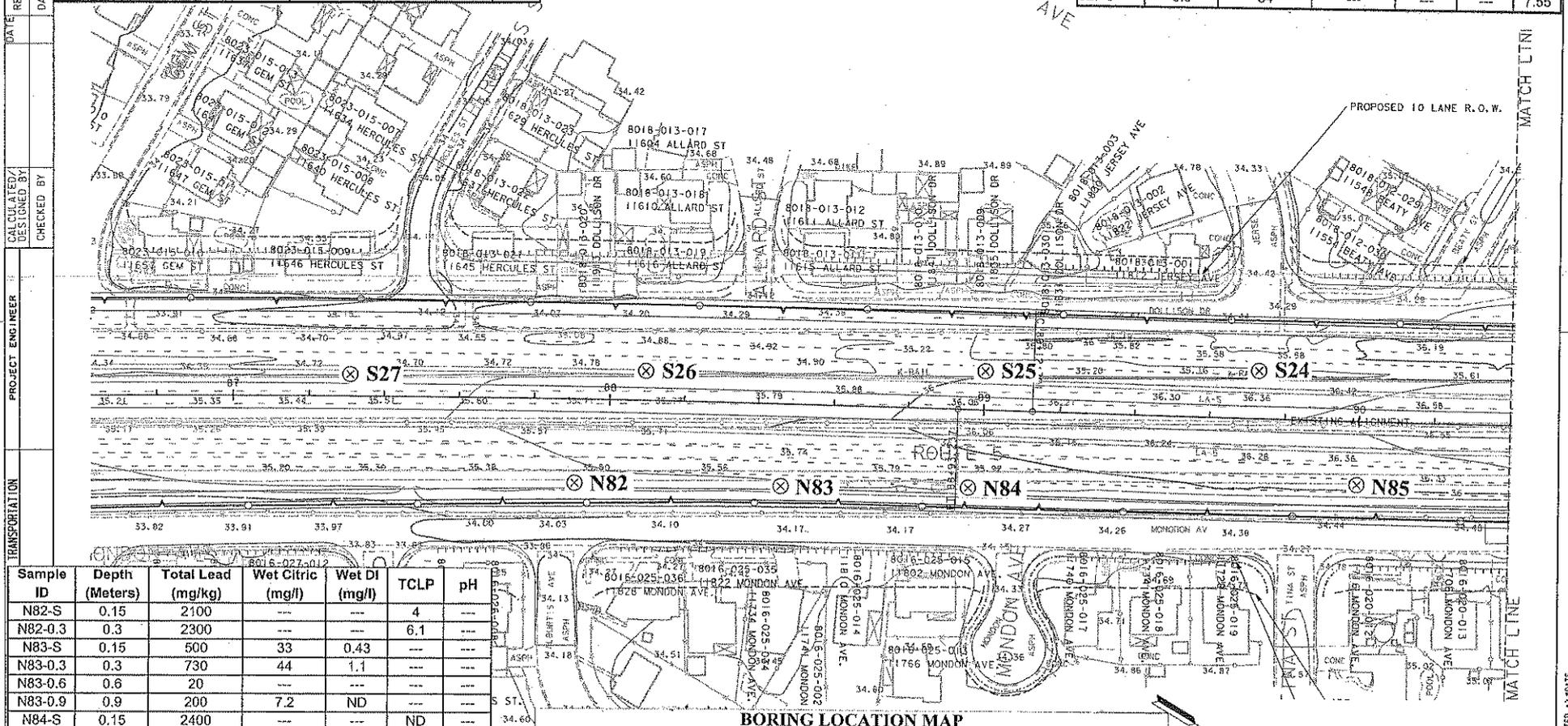
**BORING LOCATION MAP**  
 ROUTE 5 FROM THE ORANGE COUNTY LINE TO THE ROUTE 605

**GEOCON**  
 CONSULTANTS INCORPORATED  
 6970 FLANDERS DRIVE - SAN DIEGO, CALIFORNIA 92121-2974  
 PHONE 858.558-6100 - FAX 858.558-8437

PROJECT NO. 09100-06-49  
 FIGURE 2, PLATE 28  
 DATE: 09-19-2002

Sample ID	Depth (Meters)	Total Lead (mg/kg)	Wet Citric (mg/l)	Wet DI (mg/l)	TCLP	pH
s24-s	0.15	15	---	---	---	---
s24-1	0.3	6.4	---	---	---	---
s24-2	0.6	170	15	0.28	---	---
s24-3	0.9	22	---	---	---	---
s25-s	0.15	55	4.2	---	---	---
s25-1	0.3	35	---	---	---	7.34
s25-2	0.6	9.1	---	---	---	---
s25-3	0.9	7.2	---	---	---	---

Sample ID	Depth (Meters)	Total Lead (mg/kg)	Wet Citric (mg/l)	Wet DI (mg/l)	TCLP	pH
s26-s	0.15	28	---	---	---	---
s26-1	0.3	300	23	0.5	---	---
s26-2	0.6	330	41	0.38	---	---
s26-3	0.9	110	3.3	---	---	---
s27-s	0.15	110	1.9	---	---	---
s27-1	0.3	74	7.9	ND	---	---
s27-2	0.6	32	---	---	---	---
s27-3	0.9	34	---	---	---	7.55



Sample ID	Depth (Meters)	Total Lead (mg/kg)	Wet Citric (mg/l)	Wet DI (mg/l)	TCLP	pH
N82-S	0.15	2100	---	---	4	---
N82-0.3	0.3	2300	---	---	6.1	---
N83-S	0.15	500	33	0.43	---	---
N83-0.3	0.3	730	44	1.1	---	---
N83-0.6	0.6	20	---	---	---	---
N83-0.9	0.9	200	7.2	ND	---	---
N84-S	0.15	2400	---	---	ND	---
N84-0.3	0.3	720	71	1	---	---
N84-0.6	0.6	810	55	0.65	---	---
N85-S	0.15	1100	---	---	ND	6.9
N85-0.3	0.3	280	16	0.85	---	---
N85-0.6	0.6	800	60	2.8	---	---

**GEOCON**  
CONSULTANTS INCORPORATED  
6970 FLANDERS DRIVE - SAN DIEGO, CALIFORNIA 92121-2974  
PHONE 858.558-6100 - FAX 858.558-8437

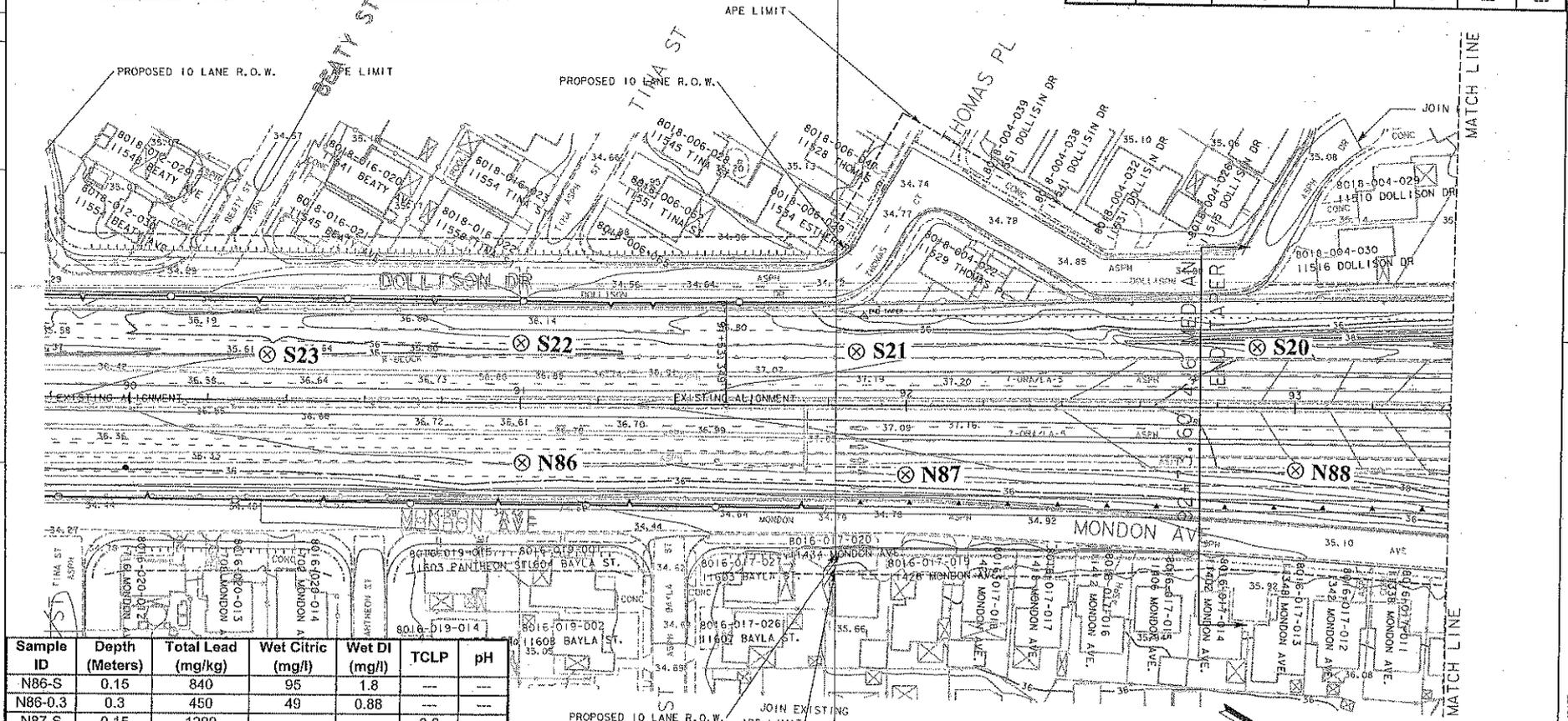
PROJECT NO. 09100-06-49  
FIGURE 2, PLATE 29  
DATE: 09-19-2002

**BORING LOCATION MAP**  
ROUTE 5 FROM THE ORANGE COUNTY LINE TO THE ROUTE 605

REVISOR: \_\_\_\_\_ DATE: \_\_\_\_\_  
 DESIGNED BY: \_\_\_\_\_ CHECKED BY: \_\_\_\_\_  
 PROJECT ENGINEER: \_\_\_\_\_  
 STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
 G&C CONSULTANTS

Sample ID	Depth (Meters)	Total Lead (mg/kg)	Wet Citric (mg/l)	Wet DI (mg/l)	TCLP	pH
s20-s	0.15	91	7.1	ND	---	---
s20-1	0.3	160	14	0.3	---	8.58
s20-2	0.6	44	---	---	---	---
s20-3	0.9	15	---	---	---	---
s21-s	0.15	470	19	0.37	---	---
s21-1	0.3	210	18	0.37	---	---
s21-2	0.6	24	---	---	---	---
s21-3	0.9	11	---	---	---	---

Sample ID	Depth (Meters)	Total Lead (mg/kg)	Wet Citric (mg/l)	Wet DI (mg/l)	TCLP	pH
s22-s	0.15	93	5.3	ND	---	---
s22-1	0.3	21	---	---	---	---
s22-2	0.6	55	5.9	0.23	---	---
s22-3	0.9	350	17	0.5	---	7.14
s23-s	0.15	45	---	---	---	---
s23-1	0.3	13	---	---	---	---
s23-2	0.6	220	25	0.31	---	---
s23-3	0.9	13	---	---	---	---



Sample ID	Depth (Meters)	Total Lead (mg/kg)	Wet Citric (mg/l)	Wet DI (mg/l)	TCLP	pH
N86-S	0.15	840	95	1.8	---	---
N86-0.3	0.3	450	49	0.88	---	---
N87-S	0.15	1200	---	---	3.6	---
N87-0.3	0.3	970	92	1.4	---	---
N87-0.6	0.6	1100	---	---	3.7	---
N88-S	0.15	1700	---	---	8.4	---
N88-0.3	0.3	140	21	0.36	---	---
N88-0.6	0.6	1300	---	---	7.2	---
N88-0.9	0.9	290	35	1.7	---	---

**BORING LOCATION MAP**  
 ROUTE 5 FROM THE ORANGE COUNTY LINE TO THE ROUTE 605

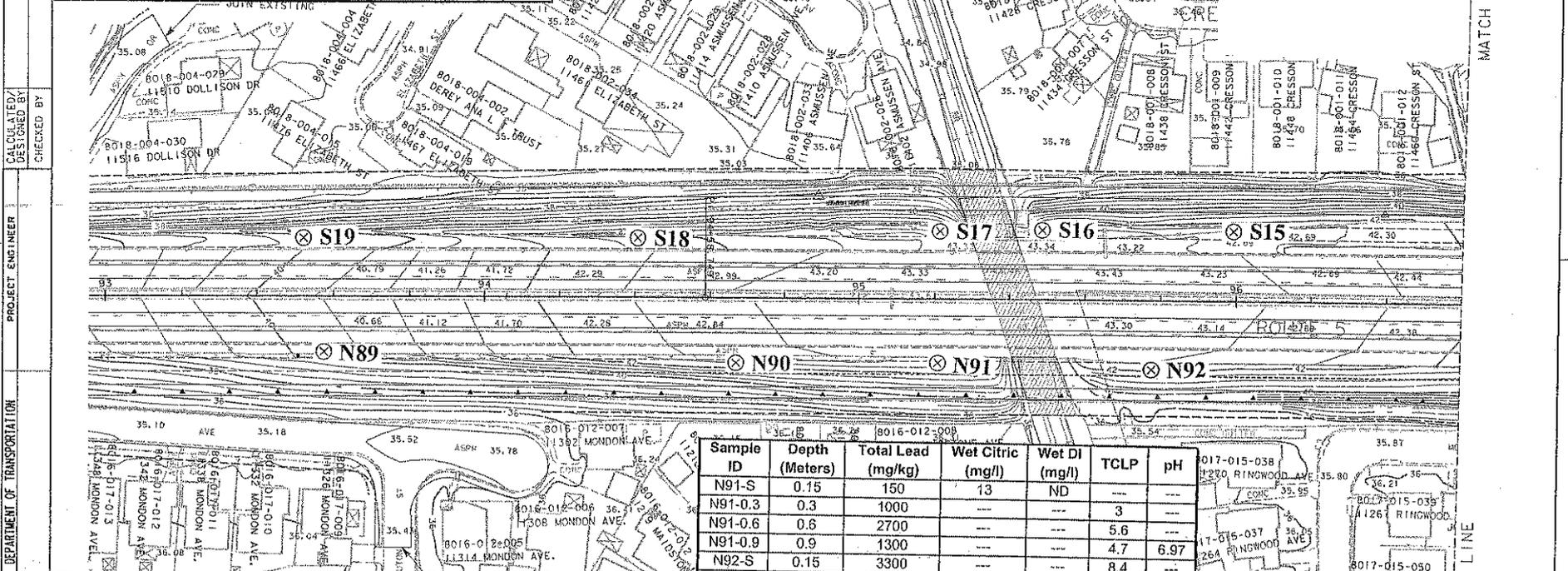
**GEOCON**  
 CONSULTANTS INCORPORATED  
 6970 FLANDERS DRIVE - SAN DIEGO, CALIFORNIA 92121-2974  
 PHONE 858.558-6100 - FAX 858.558-8437

PROJECT NO. 09100-06-49  
 FIGURE 2, PLATE 30  
 DATE: 09-19-2002

DATE PLOTTED: 07-25-02 TIME PLOTTED: 2:51 PM

Sample ID	Depth (Meters)	Total Lead (mg/kg)	Wet Citric (mg/l)	Wet DI (mg/l)	TCLP (mg/l)	pH
s15-s	0.15	360	25	0.27	---	---
s15-1	0.3	390	29	1.4	---	6.65
s15-2	0.6	260	22	0.58	---	---
s15-3	0.9	99	8.3	0.33	---	---
s16-s	0.15	490	38	0.32	---	---
s16-1	0.3	150	10	ND	---	---
s16-2	0.6	130	9	ND	---	---
s16-3	0.9	54	3.4	---	---	---
s17-s	0.15	49	---	---	---	---
s17-1	0.3	45	---	---	---	---
s17-2	0.6	45	---	---	---	---
s17-3	0.9	45	---	---	---	8.11

Sample ID	Depth (Meters)	Total Lead (mg/kg)	Wet Citric (mg/l)	Wet DI (mg/l)	TCLP	pH
s18-s	0.15	73	4.1	---	---	---
s18-1	0.3	20	---	---	---	---
s18-2	0.6	8.7	---	---	---	---
s18-3	0.9	12	---	---	---	---
s19s	0.15	240	19	0.27	---	---
s19-1	0.3	130	8.3	ND	---	---
s19-2	0.6	30	---	---	---	---
s19-3	0.9	65	6.1	ND	---	---



Sample ID	Depth (Meters)	Total Lead (mg/kg)	Wet Citric (mg/l)	Wet DI (mg/l)	TCLP (mg/l)	pH
N89-S	0.15	200	43	ND	---	6.9
N89-0.3	0.3	120	4.9	---	---	---
N89-0.6	0.6	41	---	---	---	---
N90-S	0.15	910	93	0.6	---	---
N90-0.3	0.3	330	35	0.33	---	---
N90-0.6	0.6	750	65	0.77	---	---
N90-0.9	0.9	6	---	---	---	---

Sample ID	Depth (Meters)	Total Lead (mg/kg)	Wet Citric (mg/l)	Wet DI (mg/l)	TCLP	pH
N91-S	0.15	150	13	ND	---	---
N91-0.3	0.3	1000	---	---	3	---
N91-0.6	0.6	2700	---	---	5.6	---
N91-0.9	0.9	1300	---	---	4.7	6.97
N92-S	0.15	3300	---	---	8.4	---
N92-0.3	0.3	340	32	0.58	---	---
N92-0.6	0.6	180	20	0.75	---	---
N92-0.9	0.9	11	---	---	---	---

**BORING LOCATION MAP**  
ROUTE 5 FROM THE ORANGE COUNTY LINE TO THE ROUTE 605

**GEOCON**  
CONSULTANTS INCORPORATED  
6979 FLANDERS DRIVE - SAN DIEGO, CALIFORNIA 92121-2974  
PHONE 858.558-6100 - FAX 858.558-8457

PROJECT NO. 09100-06-49  
FIGURE 2, PLATE 31  
DATE: 09-19-2002

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
PROJECT ENGINEER  
CHECKED BY  
CALCULATED/DESIGNED BY  
DATE REVISOR  
DATE REVISOR

**City of Caltrans**

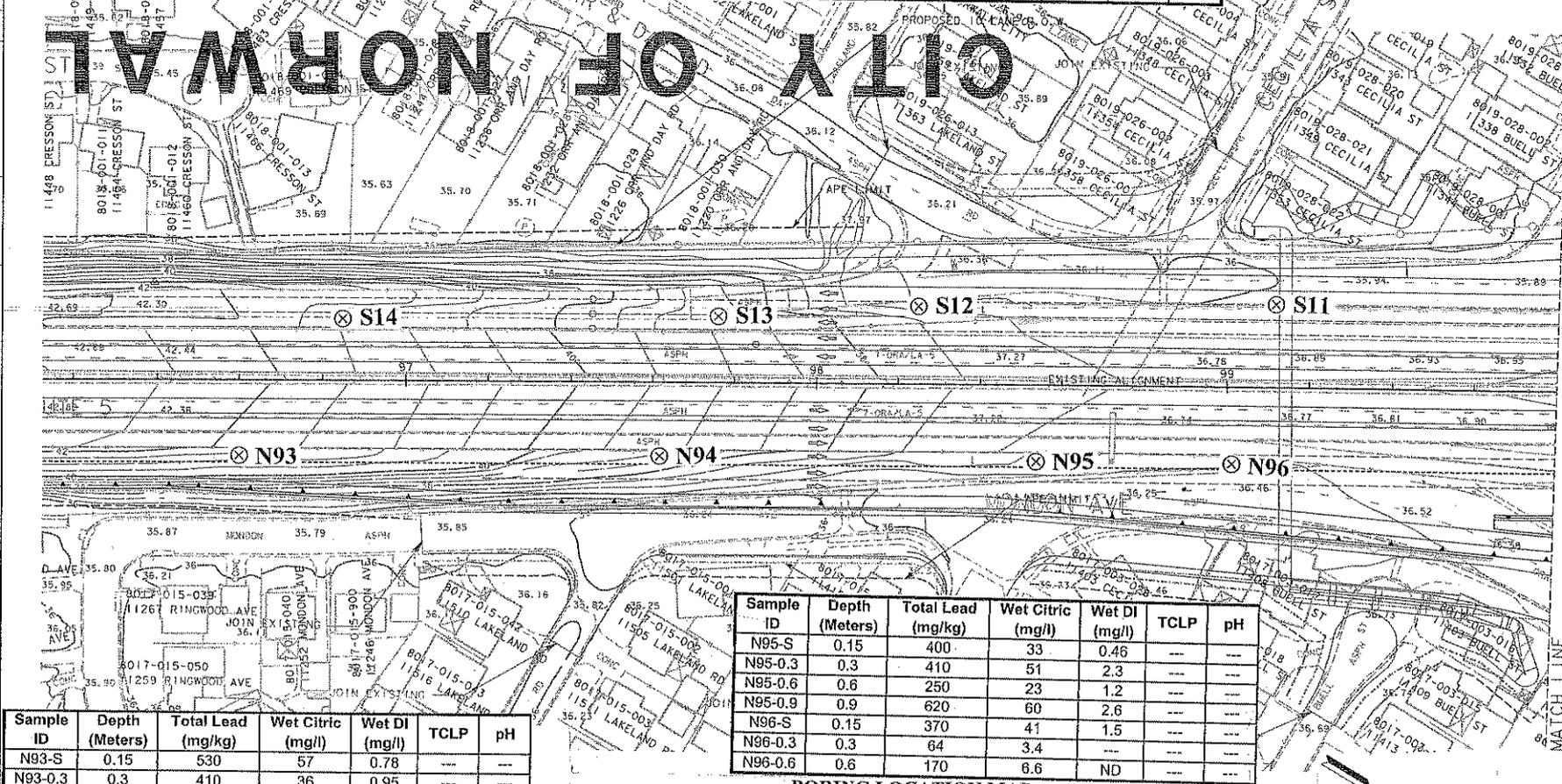
MATCH LINE

MATCH LINE

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
**Stantec**  
 PROJECT ENGINEER  
 CHECKED BY  
 CALCULATED/DESIGNED BY  
 DATE REVISOR  
 DATE REVISOR

Sample ID	Depth (Meters)	Total Lead (mg/kg)	Wet Citric (mg/l)	Wet DI (mg/l)	TCLP	pH
s11-s	0.15	300	17	ND	---	---
s11-1	0.3	75	3.1	---	---	---
s11-2	0.6	6	---	---	---	8.23
s11-3	0.9	6	---	---	---	---
s12-s	0.15	1100	---	---	1.8	---
s12-1	0.3	47	---	---	---	---
s12-2	0.6	40	---	---	---	---
s12-3	0.9	7.2	---	---	---	---

Sample ID	Depth (Meters)	Total Lead (mg/kg)	Wet Citric (mg/l)	Wet DI (mg/l)	TCLP	pH
s13-s	0.15	110	5.4	ND	---	6.73
s13-1	0.3	160	12	ND	---	---
s13-2	0.6	300	23	ND	---	---
s13-3	0.9	25	---	---	---	---
s14-s	0.15	86	5.6	ND	---	---
s14-1	0.3	61	3.3	---	---	---
s14-2	0.6	5.5	---	---	---	---
s14-3	0.9	21	---	---	---	---



Sample ID	Depth (Meters)	Total Lead (mg/kg)	Wet Citric (mg/l)	Wet DI (mg/l)	TCLP	pH
N93-S	0.15	530	57	0.78	---	---
N93-0.3	0.3	410	36	0.95	---	---
N93-0.6	0.6	350	28	0.78	---	---
N94-S	0.15	510	51	1.2	---	---
N94-0.3	0.3	440	44	1.3	---	---
N94-0.6	0.6	73	10	ND	---	8.54
N94-0.9	0.9	280	16	0.27	---	---

Sample ID	Depth (Meters)	Total Lead (mg/kg)	Wet Citric (mg/l)	Wet DI (mg/l)	TCLP	pH
N95-S	0.15	400	33	0.46	---	---
N95-0.3	0.3	410	51	2.3	---	---
N95-0.6	0.6	250	23	1.2	---	---
N95-0.9	0.9	620	60	2.6	---	---
N96-S	0.15	370	41	1.5	---	---
N96-0.3	0.3	64	3.4	---	---	---
N96-0.6	0.6	170	6.6	ND	---	---

**BORING LOCATION MAP**  
 ROUTE 5 FROM THE ORANGE COUNTY LINE TO THE ROUTE 605

**GLOCON**  
 CONSULTANTS INCORPORATED  
 6970 FLANDERS DRIVE - SAN DIEGO, CALIFORNIA 92121-2974  
 PHONE 858.558-6100 - FAX 858.558-8437

PROJECT NO. 09100-06-49  
 FIGURE 2, PLATE 32  
 DATE: 09-19-2002

DATE REVISIONS BY  
DATE REVISIONS BY

CALCULATED BY  
DESIGNED BY  
CHECKED BY

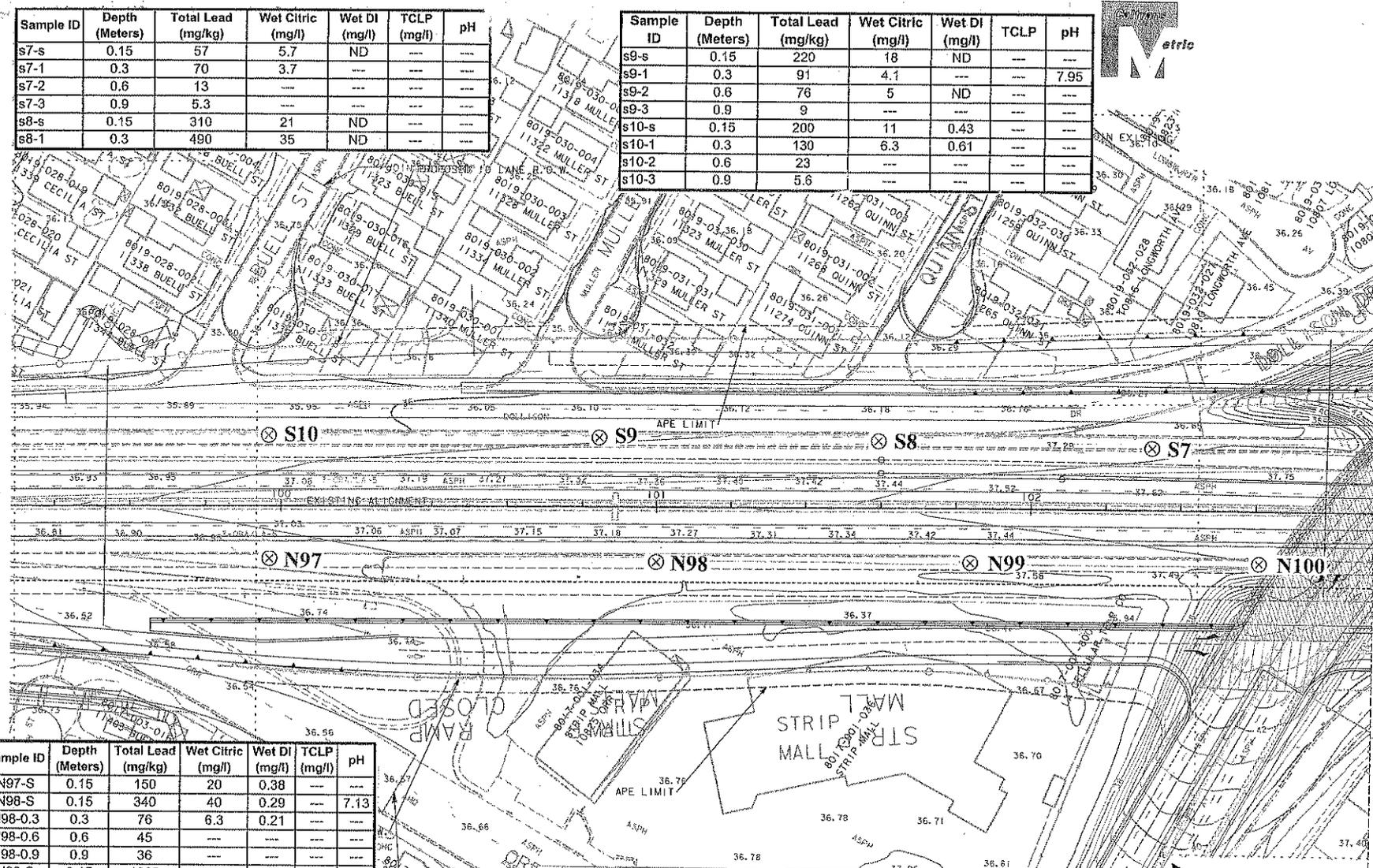
PROJECT ENGINEER

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
*et* Caltrans

Sample ID	Depth (Meters)	Total Lead (mg/kg)	Wet Citric (mg/l)	Wet DI (mg/l)	TCLP (mg/l)	pH
s7-s	0.15	57	5.7	ND	---	---
s7-1	0.3	70	3.7	---	---	---
s7-2	0.6	13	---	---	---	---
s7-3	0.9	5.3	---	---	---	---
s8-s	0.15	310	21	ND	---	---
s8-1	0.3	490	35	ND	---	---

Sample ID	Depth (Meters)	Total Lead (mg/kg)	Wet Citric (mg/l)	Wet DI (mg/l)	TCLP	pH
s9-s	0.15	220	18	ND	---	---
s9-1	0.3	91	4.1	---	---	7.95
s9-2	0.6	76	5	ND	---	---
s9-3	0.9	9	---	---	---	---
s10-s	0.15	200	11	0.43	---	---
s10-1	0.3	130	6.3	0.61	---	---
s10-2	0.6	23	---	---	---	---
s10-3	0.9	5.6	---	---	---	---

Sample ID	Depth (Meters)	Total Lead (mg/kg)	Wet Citric (mg/l)	Wet DI (mg/l)	TCLP (mg/l)	pH
N97-S	0.15	150	20	0.38	---	---
N98-S	0.15	340	40	0.29	---	7.13
N98-0.3	0.3	76	6.3	0.21	---	---
N98-0.6	0.6	45	---	---	---	---
N98-0.9	0.9	36	---	---	---	---
N99-S	0.15	1000	---	2.3	---	---
N99-0.3	0.3	1300	---	4.9	---	---
N99-0.6	0.6	170	16	0.21	---	---
N99-0.9	0.9	350	24	0.67	---	---
N100-S	0.15	1400	---	1.8	---	---
N100-0.3	0.3	390	41	0.43	---	---



**BORING LOCATION MAP**  
ROUTE 5 FROM THE ORANGE COUNTY LINE TO THE ROUTE 605

**GECON**  
CONSULTANTS INCORPORATED  
6970 FLANDERS DRIVE - SAN DIEGO, CALIFORNIA 92121-2974  
PHONE 858-558-6100 - FAX 858-558-8437

PROJECT NO: 09100-06-49  
FIGURE 2, PLATE 33  
DATE: 09-19-2002

METCH LINE

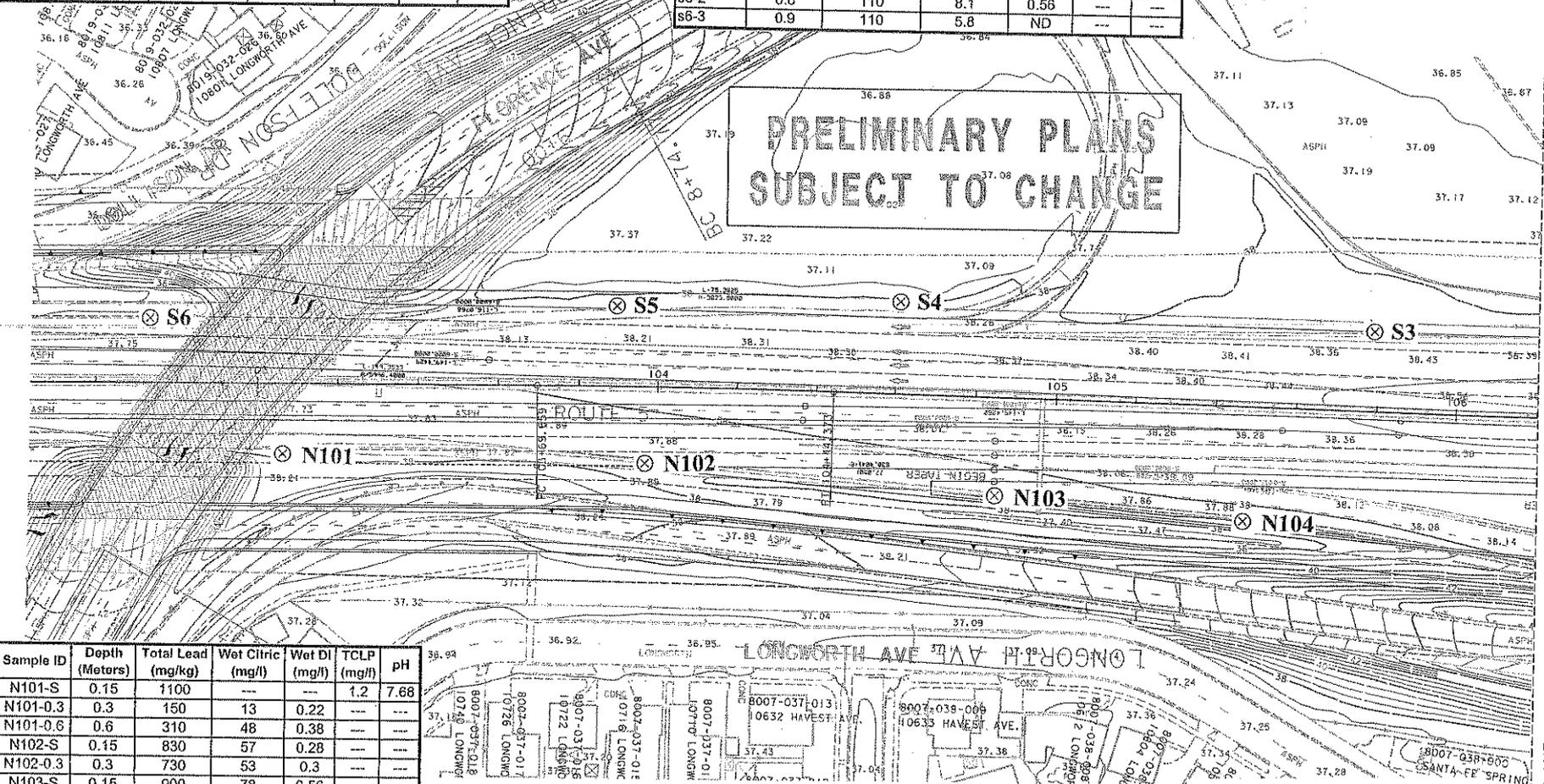
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
*Caltrans*  
 PROJECT ENGINEER  
 CHECKED BY  
 DATE REVISIONS BY  
 DATE REVISIONS BY

Sample ID	Depth (Meters)	Total Lead (mg/kg)	Wet Citric (mg/l)	Wet DI (mg/l)	TCLP	pH
S3-S	0.15	750	52	4.4	---	---
S3-1	0.3	340	25	2.5	---	---
S3-2	0.6	170	14	1.9	---	7.59
S4-S	0.15	230	18	0.43	---	---
S4-1	0.3	110	9.1	0.82	---	---
S4-2	0.6	21	---	---	---	---
S4-3	0.9	32	---	---	---	---

Sample ID	Depth (Meters)	Total Lead (mg/kg)	Wet Citric (mg/l)	Wet DI (mg/l)	TCLP	pH
S5-S	0.15	340	19	ND	---	---
S5-1	0.3	20	---	---	---	---
S5-2	0.6	6.6	---	---	---	---
S5-3	0.9	6.2	---	---	---	---
S6-S	0.15	210	14	0.49	---	---
S6-1	0.3	220	15	0.42	---	7.3
S6-2	0.6	110	8.1	0.56	---	---
S6-3	0.9	110	5.8	ND	---	---

**PRELIMINARY PLANS  
 SUBJECT TO CHANGE**

Sample ID	Depth (Meters)	Total Lead (mg/kg)	Wet Citric (mg/l)	Wet DI (mg/l)	TCLP	pH
N101-S	0.15	1100	---	---	1.2	7.68
N101-0.3	0.3	150	13	0.22	---	---
N101-0.6	0.6	310	48	0.38	---	---
N102-S	0.15	830	57	0.28	---	---
N102-0.3	0.3	730	53	0.3	---	---
N103-S	0.15	900	78	0.56	---	---
N103-0.3	0.3	690	69	0.68	---	---
N104-S	0.15	920	82	0.74	---	---
N104-0.3	0.3	240	24	0.48	---	---
N104-0.6	0.6	30	---	---	---	---
N104-0.9	0.9	44	---	---	---	7.95



**BORING LOCATION MAP**  
 ROUTE 5 FROM THE ORANGE COUNTY LINE TO THE ROUTE 605

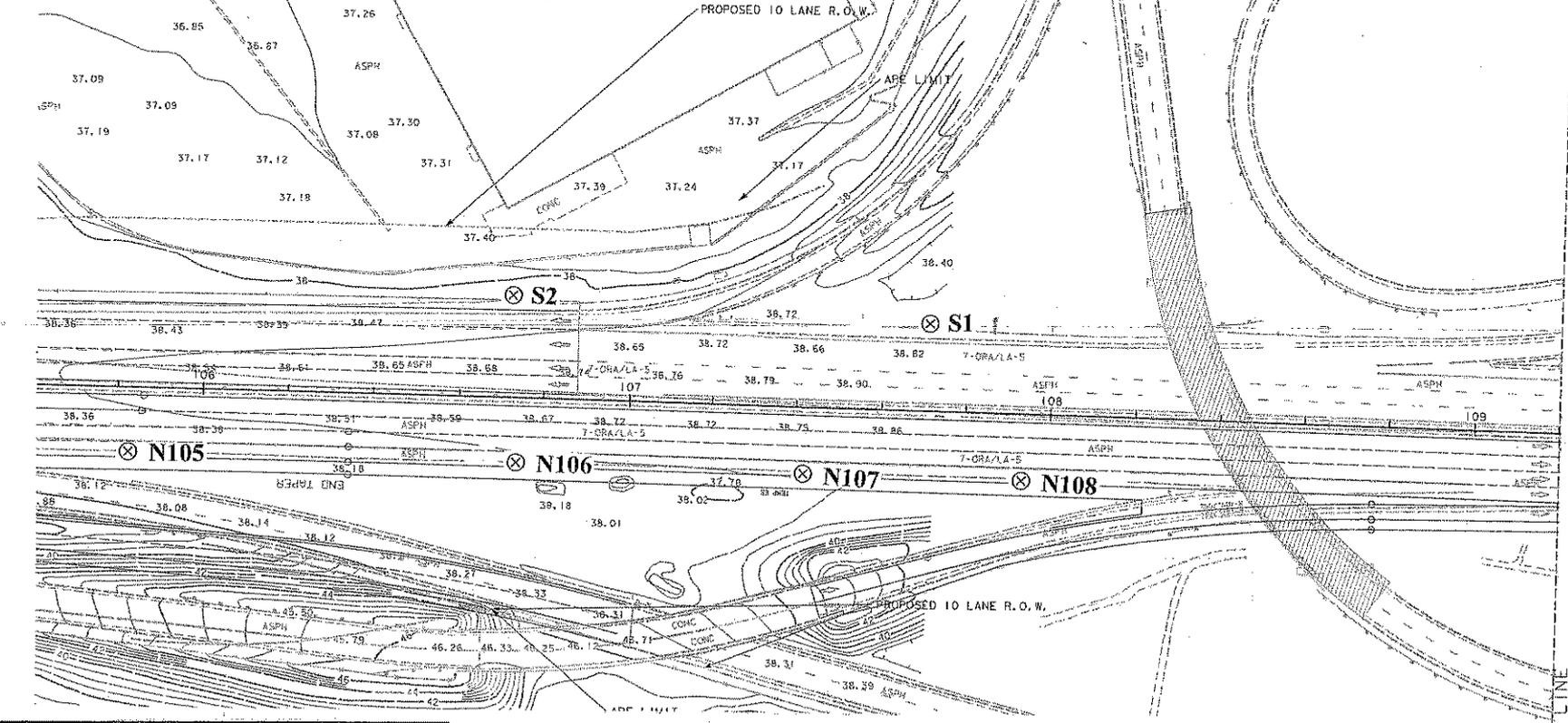
**GEOCON**  
 CONSULTANTS INCORPORATED  
 6970 FLANDERS DRIVE - SAN DIEGO, CALIFORNIA 92121-2974  
 PHONE: 858-558-6100 - FAX: 858-558-8437

PROJECT NO. 09100-06-49  
 FIGURE 2, PLATE 34  
 DATE: 09-19-2002

DATE PLOTTED: 07-25-02  
 LINE PLOTTED: 09-19-02  
 MACTH LIN  
 LINE

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
**Caltrans**  
 PROJECT ENGINEER  
 CHECKED BY  
 CALCULATED/DESIGNED BY  
 DATE REVISSED BY  
 DATE REVISSED BY

Sample ID	Depth (Meters)	Total Lead (mg/kg)	Wet Citric (mg/l)	Wet DI (mg/l)	TCLP (mg/l)	pH
S1-S	0.15	1400	---	---	0.85	6.44
S1-1	0.3	190	13	ND	---	---
S1-2	0.6	33	---	---	---	---
S2-S	0.15	240	19	1.5	---	---
S2-1	0.3	85	6.6	0.85	---	---
S2-2	0.6	71	5.3	0.78	---	---
S2-3	0.9	76	4.2	---	---	---



Sample ID	Depth (Meters)	Total Lead (mg/kg)	Wet Citric (mg/l)	Wet DI (mg/l)	TCLP (mg/l)	pH
N105-S	0.15	1300	---	---	6.6	6.98
N106-S	0.15	1400	---	---	4.1	---
N106-0.3	0.3	1200	---	---	1.3	---
N106-0.6	0.6	32	---	---	---	---
N106-0.9	0.9	7	---	---	---	---

Sample ID	Depth (Meters)	Total Lead (mg/kg)	Wet Citric (mg/l)	Wet DI (mg/l)	TCLP (mg/l)	pH
N107-S	0.15	410	27	0.58	---	---
N107-0.3	0.3	170	11	0.32	---	---
N107-0.6	0.6	22	---	---	---	---
N107-0.9	0.9	5	---	---	---	---
N108-S	0.15	430	41	0.44	---	6.91
N108-0.3	0.3	720	66	1.3	---	---
N108-0.6	0.6	26	---	---	---	---

**BORING LOCATION MAP**  
 ROUTE 5 FROM THE ORANGE COUNTY LINE TO THE ROUTE 605

**GEOCON**  
 CONSULTANTS INCORPORATED  
 6970 FLANDERS DRIVE - SAN DIEGO, CALIFORNIA 92121-2974  
 PHONE: 858.558-6100 - FAX: 858.558-8437

PROJECT NO. 09100-06-49  
 FIGURE 2, PLATE 35  
 DATE: 09-19-2002

USERNAME -> #USER

DATE PLOTTED -> 09/19/02  
 TIME PLOTTED -> 11:05 AM

TABLE I  
SUMMARY OF LEAD AND PH DATA

Sample ID	Depth (m)	Total Lead (mg/kg)	WET-Citric (mg/l)	WET-DI (mg/l)	TCLP (mg/l)	pH
N1-S	0.15	860	83	7.3	---	---
N1-0.3	0.3	140	8.9	ND	---	---
N1-0.6	0.6	29	---	---	---	---
N1-0.9	0.9	61	3.2	---	---	---
N2-S	0.15	1,100	---	---	2.6	---
N2-0.3	0.3	1,500	---	---	6.1	---
N2-0.6	0.6	63	3.9	---	---	---
N2-0.9	0.9	11	---	---	---	---
N3-S	0.15	1,200	---	---	2.7	---
N3-0.3	0.3	1,100	---	---	3.7	7.08
N3-0.6	0.6	270	23	5.6	---	---
N3-0.9	0.9	15	---	---	---	---
N4-S	0.15	1,000	---	---	4.7	---
N4-0.3	0.3	16	---	---	---	---
N4-0.6	0.6	ND	---	---	---	---
N4-0.9	0.9	5.9	---	---	---	---
N5-S	0.15	280	29	3.6	---	---
N5-0.3	0.3	78	5.3	1	---	---
N5-0.6	0.6	99	8.5	1.7	---	---
N5-0.9	0.9	ND	---	---	---	7.81
N6-S	0.15	720	83	14	---	---
N6-0.3	0.3	190	18	4.5	---	---
N6-0.6	0.6	66	1.2	---	---	---
N6-0.9	0.9	7.5	---	---	---	---
N7-S	0.15	1,900	---	---	5.4	---
N7-0.3	0.3	500	44	0.47	---	---
N8-S	0.15	2,000	---	---	5.2	---
N8-0.3	0.3	280	19	3.2	---	---
N8-0.6	0.6	23	---	---	---	---
N8-0.9	0.9	8.8	---	---	---	8.29
N9-S	0.15	1,200	---	---	2.7	---
N9-0.3	0.3	800	47	10	---	---
N9-0.6	0.6	11	---	---	---	---
N9-0.9	0.9	24	---	---	---	---
N10-S	0.15	630	50	5.6	---	---
N11-S	0.15	1,100	---	---	3.1	---
N11-0.3	0.3	390	37	6.7	---	---
N11-0.6	0.6	14	---	---	---	---
N11-0.9	0.9	5.9	---	---	---	---
N12-S	0.15	840	57	8.9	---	6.83
N12-0.3	0.3	610	46	11	---	---

TABLE I (continued)  
SUMMARY OF LEAD AND PH DATA

Sample ID	Depth (m)	Total Lead (mg/kg)	WET-Citric (mg/l)	WET-DI (mg/l)	TCLP (mg/l)	pH
N12-0.6	0.6	300	22	8.1	---	---
N13-S	0.15	1,600	---	---	3.9	---
N13-0.3	0.3	280	13	ND	---	---
N14-S	0.15	540	45	0.99	---	---
N14-0.3	0.3	1,100	---	---	5.1	---
N15-S	0.15	500	42	2.6	---	---
N15-0.3	0.3	160	9.8	2.4	---	---
N15-0.6	0.6	ND	---	---	---	---
N15-0.9	0.9	8.2	---	---	---	8.01
N16-S	0.15	600	65	0.68	---	6.7
N16-0.3	0.3	300	24	0.52	---	---
N16-0.6	0.6	20	---	---	---	---
N16-0.9	0.9	11	---	---	---	---
N17-S	0.15	720	79	1.1	---	---
N17-0.3	0.3	540	59	0.81	---	---
N17-0.6	0.6	190	14	0.22	---	---
N18-S	0.15	1,100	---	---	1.6	---
N18-0.3	0.3	2,000	---	---	27	---
N18-0.6	0.6	110	12	1.5	---	7.92
N18-0.9	0.9	300	48	3.2	---	---
N19-S	0.15	1,000	---	---	1.5	---
N19-0.3	0.3	64	5.6	ND	---	---
N19-0.6	0.6	9.9	---	---	---	---
N19-0.9	0.9	9.9	---	---	---	---
N20-S	0.15	500	46	0.29	---	---
N20-0.3	0.3	14	---	---	---	---
N20-0.6	0.6	130	15	0.29	---	---
N21-S	0.15	700	90	0.42	---	---
N21-0.3	0.3	400	48	0.48	---	7.1
N21-0.6	0.6	180	13	0.21	---	---
N21-0.9	0.9	41	---	---	---	---
N22-S	0.15	450	28	0.23	---	---
N22-0.3	0.3	310	36	0.79	---	---
N22-0.6	0.6	170	14	ND	---	---
N23-S	0.15	120	19	ND	---	---
N23-0.3	0.3	440	34	1.4	---	---
N23-0.6	0.6	ND	---	---	---	---
N24-S	0.15	190	24	ND	---	---
N25-S	0.15	1,000	---	---	3.1	7.13
N25-0.3	0.3	810	100	3.6	---	---
N26-S	0.15	430	47	0.36	---	---

TABLE I (continued)  
SUMMARY OF LEAD AND PH DATA

Sample ID	Depth (m)	Total Lead (mg/kg)	WET-Citric (mg/l)	WET-DI (mg/l)	TCLP (mg/l)	pH
N26-0.3	0.3	40	---	---	---	---
N27-S	0.15	180	20	ND	---	---
N27-0.3	0.3	280	27	1.5	---	---
N27-0.6	0.6	140	12	ND	---	---
N27-0.9	0.9	11	---	---	---	---
N28-S	0.15	540	67	0.37	---	---
N28-0.3	0.3	580	63	1.4	---	---
N28-0.6	0.6	100	7.5	ND	---	6.32
N29-S	0.15	190	14	ND	---	---
N29-0.3	0.3	2,000	140	7.3	---	---
N30-S	0.15	1,400	---	---	3.8	---
N30-0.3	0.3	99	2.4	---	---	---
N31-S	0.15	380	46	1.1	---	---
N31-0.3	0.3	220	24	0.28	---	---
N31-0.6	0.6	20	---	---	---	---
N32-S	0.15	360	26	ND	---	---
N32-0.3	0.3	1,300	---	---	8	---
N32-0.6	0.6	360	37	3.4	---	7.93
N32-0.9	0.9	520	35	1.9	---	---
N33-S	0.15	380	46	0.44	---	---
N33-0.3	0.3	340	43	ND	---	---
N34-S	0.15	900	87	0.28	---	---
N34-0.3	0.3	430	46	0.61	---	---
N34-0.6	0.6	42	---	---	---	---
N35-S	0.15	1,600	---	---	1.3	---
N35-0.3	0.3	910	89	0.91	---	---
N35-0.6	0.6	440	37	0.38	---	---
N36-S	0.15	1,600	---	---	5.2	7.64
N36-0.3	0.3	10	---	---	---	---
N36-0.6	0.6	41	---	---	---	---
N36-0.9	0.9	220	13	0.36	---	---
N37-S	0.15	310	44	0.87	---	---
N38-S	0.15	780	52	0.44	---	6.23
N38-0.3	0.3	3,800	---	---	9.7	---
N38-0.6	0.6	2,000	---	---	2.1	---
N39-S	0.15	350	36	ND	---	---
N39-0.3	0.3	1,700	---	---	4.3	---
N39-0.6	0.6	1,100	---	---	8.8	---
N40-S	0.15	1,900	---	---	1.8	---
N40-0.3	0.3	23	---	---	---	---
N40-0.6	0.6	680	39	0.82	---	---

TABLE I (continued)  
SUMMARY OF LEAD AND PH DATA

Sample ID	Depth (m)	Total Lead (mg/kg)	WET-Citric (mg/l)	WET-DI (mg/l)	TCLP (mg/l)	pH
N40-0.9	0.9	ND	---	---	---	8.31
N41-S	0.15	390	7.8	ND	---	---
N41-0.3	0.3	1,300	---	---	1.6	---
N41-0.6	0.6	42	---	---	---	---
N41-0.9	0.9	44	---	---	---	---
N42-S	0.15	1,500	---	---	1.8	---
N42-0.3	0.3	890	44	2.1	---	---
N43-S	0.15	1,900	---	---	3	---
N43-0.3	0.3	46	---	---	---	---
N43-0.6	0.6	46	---	---	---	---
N43-0.9	0.9	9.4	---	---	---	7.22
N44-S	0.15	1,100	---	---	2.8	---
N44-0.3	0.3	1,300	---	---	3.7	---
N44-0.6	0.6	200	14	ND	---	---
N45-S	0.15	2,000	---	---	3	---
N45-0.3	0.3	1,300	---	---	2.6	---
N46-S	0.15	1,500	---	---	2.2	---
N46-0.3	0.3	490	22	0.81	---	---
N47-S	0.15	850	53	2.2	---	---
N47-0.3	0.3	760	48	3.1	---	---
N47-0.6	0.6	74	1.9	---	---	8.63
N47-0.9	0.9	400	28	1.5	---	---
N48-S	0.15	1,300	---	---	1.4	---
N48-0.3	0.3	310	29	1.1	---	---
N48-0.6	0.6	180	12	0.21	---	---
N48-0.9	0.9	360	30	1.3	---	---
N49-S	0.15	810	45	2.5	---	---
N49-0.3	0.3	220	11	0.28	---	---
N49-0.6	0.6	350	20	0.37	---	---
N50-S	0.15	1,200	---	---	1.3	---
N50-0.3	0.3	450	22	1	---	8.33
N50-0.6	0.6	200	19	1.1	---	---
N50-0.9	0.9	160	3.7	---	---	---
N51-S	0.15	270	18	0.35	---	---
N51-0.3	0.3	170	11	0.32	---	---
N51-0.6	0.6	120	11	0.47	---	---
N52-S	0.15	1,100	---	---	1.9	---
N52-0.3	0.3	890	65	3	---	---
N52-0.6	0.6	440	38	2.3	---	---
N52-0.9	0.9	43	---	---	---	---
N53-S	0.15	770	130	1.9	---	7.52

TABLE I (continued)  
SUMMARY OF LEAD AND PH DATA

Sample ID	Depth (m)	Total Lead (mg/kg)	WET-Citric (mg/l)	WET-DI (mg/l)	TCLP (mg/l)	pH
N53-0.3	0.3	310	34	1.1	---	---
N53-0.6	0.6	230	14	0.51	---	---
N54-S	0.15	3,500	---	---	8.2	---
N54-0.3	0.3	310	15	0.62	---	---
N54-0.6	0.6	130	8.1	ND	---	---
N54-0.9	0.9	490	35	0.63	---	---
N55-S	0.15	730	130	4.5	---	---
N55-0.3	0.3	940	140	7.4	---	---
N55-0.6	0.6	460	36	4.7	---	---
N56-S	0.15	1,100	200	4.5	---	8.07
N56-0.3	0.3	190	8.4	2.6	---	---
N56-0.6	0.6	65	4.5	---	---	---
N56-0.9	0.9	160	8.5	ND	---	---
N57-S	0.15	470	63	2.2	---	---
N57-0.3	0.3	260	27	0.6	---	---
N57-0.6	0.6	800	50	2.8	---	---
N58-S	0.15	3,400	---	---	4.6	---
N58-0.3	0.3	1,300	---	---	2.6	---
N58-0.6	0.6	840	89	1.5	---	---
N59-S	0.15	1,600	---	---	4.3	6.37
N59-0.3	0.3	360	51	2.6	---	---
N59-0.6	0.6	28	---	---	---	---
N60-S	0.15	990	64	1.7	---	---
N60-0.3	0.3	530	53	2.4	---	---
N61-S	0.15	2,200	---	---	2.9	---
N61-0.3	0.3	890	65	4.2	---	---
N61-0.6	0.6	500	27	1.3	---	---
N62-S	0.15	620	41	1.9	---	---
N62-0.3	0.3	340	26	1.1	---	---
N63-S	0.15	540	52	0.56	---	---
N63-0.3	0.3	530	34	0.96	---	---
N63-0.6	0.6	73	4.2	---	---	---
N63-0.9	0.9	190	13	0.26	---	---
N64-S	0.15	1,300	---	---	2.7	---
N64-0.3	0.3	810	66	1.9	---	---
N64-0.6	0.6	280	15	0.34	---	8.57
N64-0.9	0.9	280	30	0.74	---	---
N65-S	0.15	1,000	---	---	2.9	---
N65-0.3	0.3	680	58	1.5	---	---
N65-0.6	0.6	530	36	1.3	---	---
N65-0.9	0.9	14	---	---	---	---

TABLE I (continued)  
SUMMARY OF LEAD AND PH DATA

Sample ID	Depth (m)	Total Lead (mg/kg)	WET-Citric (mg/l)	WET-DI (mg/l)	TCLP (mg/l)	pH
N66-S	0.15	1,200	---	---	4.3	---
N66-0.3	0.3	790	69	3.8	---	---
N66-0.6	0.6	620	53	3.4	---	---
N67-S	0.15	790	85	2.4	---	---
N67-0.3	0.3	1,100	---	---	5	8.61
N67-0.6	0.6	580	36	2.6	---	---
N68-S	0.15	1,600	---	---	7.8	---
N68-0.3	0.3	46	---	---	---	---
N68-0.6	0.6	1,100	---	---	4.4	---
N68-0.9	0.9	28	---	---	---	---
N69-S	0.15	460	87	4	---	---
N69-0.3	0.3	1,300	---	---	11	---
N69-0.6	0.6	89	4	---	---	---
N70-S	0.15	610	84	0.69	---	---
N70-0.3	0.3	78	0.49	---	---	8.85
N70-0.6	0.6	88	3.3	---	---	---
N71-S	0.15	64	6	ND	---	---
N71-0.3	0.3	13	---	---	---	---
N71-0.6	0.6	7.8	---	---	---	---
N72-S	0.15	120	9	ND	---	---
N72-0.3	0.3	290	22	ND	---	---
N72-0.6	0.6	130	8.1	ND	---	---
N73-S	0.15	670	61	0.82	---	---
N73-0.3	0.3	930	88	2.2	---	---
N73-0.6	0.6	1,500	---	---	4.4	8.27
N74-S	0.15	170	22	1.2	---	---
N74-0.3	0.3	250	26	0.86	---	---
N74-0.6	0.6	320	16	0.68	---	---
N74-0.9	0.9	120	9.1	ND	---	---
N75-S	0.15	930	130	0.92	---	---
N75-0.3	0.3	1,200	---	---	2.1	---
N75-0.6	0.6	270	18	0.63	---	---
N76-S	0.15	1,300	---	---	5.8	---
N76-0.3	0.3	1,600	---	---	7.4	---
N76-0.6	0.6	180	24	1.5	---	8.59
N76-0.9	0.9	82	4.4	---	---	---
N77-S	0.15	1,700	---	---	14	---
N77-0.3	0.3	670	58	2.8	---	---
N77-0.6	0.6	2,200	---	---	7.7	---
N77-0.9	0.9	1,100	---	---	5.8	---
N78-S	0.15	1,900	---	---	6.5	---

TABLE I (continued)  
SUMMARY OF LEAD AND PH DATA

Sample ID	Depth (m)	Total Lead (mg/kg)	WET-Citric (mg/l)	WET-DI (mg/l)	TCLP (mg/l)	pH
N78-0.3	0.3	1,200	---	---	5.1	---
N78-0.6	0.6	400	32	0.52	---	---
N79-S	0.15	1,400	---	---	5.7	---
N79-0.3	0.3	26	---	---	---	8.48
N79-0.6	0.6	5.1	---	---	---	---
N79-0.9	0.9	39	---	---	---	---
N80-S	0.15	4,000	---	---	1.5	---
N80-0.3	0.3	1,800	---	---	9.4	---
N80-0.6	0.6	950	64	1.5	---	---
N80-0.9	0.9	970	71	1.7	---	---
N81-S	0.15	990	140	1.1	---	---
N81-0.3	0.3	1,600	---	---	4.5	---
N81-0.6	0.6	360	43	2.3	---	---
N81-0.9	0.9	950	26	2.3	---	8.03
N82-S	0.15	2,100	---	---	4	---
N82-0.3	0.3	2,300	---	---	6.1	---
N83-S	0.15	500	33	0.43	---	---
N83-0.3	0.3	730	44	1.1	---	---
N83-0.6	0.6	20	---	---	---	---
N83-0.9	0.9	200	7.2	ND	---	---
N84-S	0.15	2,400	---	---	ND	---
N84-0.3	0.3	720	71	1	---	---
N84-0.6	0.6	810	55	0.65	---	---
N85-S	0.15	1,100	---	---	ND	6.9
N85-0.3	0.3	280	16	0.85	---	---
N85-0.6	0.6	800	60	2.8	---	---
N86-S	0.15	840	95	1.8	---	---
N86-0.3	0.3	450	49	0.88	---	---
N87-S	0.15	1,200	---	---	3.6	---
N87-0.3	0.3	970	92	1.4	---	---
N87-0.6	0.6	1,100	---	---	3.7	---
N88-S	0.15	1,700	---	---	8.4	---
N88-0.3	0.3	140	21	0.36	---	---
N88-0.6	0.6	1,300	---	---	7.2	---
N88-0.9	0.9	290	35	1.7	---	---
N89-S	0.15	200	43	ND	---	6.9
N89-0.3	0.3	120	4.9	---	---	---
N89-0.6	0.6	41	---	---	---	---
N90-S	0.15	910	93	0.6	---	---
N90-0.3	0.3	330	35	0.33	---	---
N90-0.6	0.6	750	65	0.77	---	---

TABLE I (continued)  
SUMMARY OF LEAD AND PH DATA

Sample ID	Depth (m)	Total Lead (mg/kg)	WET-Citric (mg/l)	WET-DI (mg/l)	TCLP (mg/l)	pH
N90-0.9	0.9	6	---	---	---	---
N91-S	0.15	150	13	ND	---	---
N91-0.3	0.3	1,000	---	---	3	---
N91-0.6	0.6	2,700	---	---	5.6	---
N91-0.9	0.9	1,300	---	---	4.7	6.97
N92-S	0.15	3,300	---	---	8.4	---
N92-0.3	0.3	340	32	0.58	---	---
N92-0.6	0.6	180	20	0.75	---	---
N92-0.9	0.9	11	---	---	---	---
N93-S	0.15	530	57	0.78	---	---
N93-0.3	0.3	410	36	0.95	---	---
N93-0.6	0.6	350	28	0.78	---	---
N94-S	0.15	510	51	1.2	---	---
N94-0.3	0.3	440	44	1.3	---	---
N94-0.6	0.6	73	10	ND	---	8.54
N94-0.9	0.9	280	16	0.27	---	---
N95-S	0.15	400	33	0.46	---	---
N95-0.3	0.3	410	51	2.3	---	---
N95-0.6	0.6	250	23	1.2	---	---
N95-0.9	0.9	620	60	2.6	---	---
N96-S	0.15	370	41	1.5	---	---
N96-0.3	0.3	64	3.4	---	---	---
N96-0.6	0.6	170	6.6	ND	---	---
N97-S	0.15	150	20	0.38	---	---
N98-S	0.15	340	40	0.29	---	7.13
N98-0.3	0.3	76	6.3	0.21	---	---
N98-0.6	0.6	45	---	---	---	---
N98-0.9	0.9	36	---	---	---	---
N99-S	0.15	1,000	---	---	2.3	---
N99-0.3	0.3	1,300	---	---	4.9	---
N99-0.6	0.6	170	16	0.21	---	---
N99-0.9	0.9	350	24	0.67	---	---
N100-S	0.15	1,400	---	---	1.8	---
N100-0.3	0.3	390	41	0.43	---	---
N101-S	0.15	1,100	---	---	1.2	7.68
N101-0.3	0.3	150	13	0.22	---	---
N101-0.6	0.6	310	48	0.38	---	---
N102-S	0.15	830	57	0.28	---	---
N102-0.3	0.3	730	53	0.3	---	---
N103-S	0.15	900	78	0.56	---	---
N103-0.3	0.3	690	69	0.68	---	---

TABLE I (continued)  
SUMMARY OF LEAD AND PH DATA

Sample ID	Depth (m)	Total Lead (mg/kg)	WET-Citric (mg/l)	WET-DI (mg/l)	TCLP (mg/l)	pH
N104-S	0.15	920	82	0.74	---	---
N104-0.3	0.3	240	24	0.48	---	---
N104-0.6	0.6	30	---	---	---	---
N104-0.9	0.9	44	---	---	---	7.95
N105-S	0.15	1,300	---	---	6.6	6.98
N106-S	0.15	1,400	---	---	4.1	---
N106-0.3	0.3	1,200	---	---	1.3	---
N106-0.6	0.6	32	---	---	---	---
N106-0.9	0.9	7	---	---	---	---
N107-S	0.15	410	27	0.58	---	---
N107-0.3	0.3	170	11	0.32	---	---
N107-0.6	0.6	22	---	---	---	---
N107-0.9	0.9	5	---	---	---	---
N108-S	0.15	430	41	0.44	---	6.91
N108-0.3	0.3	720	68	1.3	---	---
N108-0.6	0.6	26	---	---	---	---
S1-S	0.15	1,400	---	---	0.85	6.44
S1-1	0.3	190	13	ND	---	---
S1-2	0.6	33	---	---	---	---
S2-S	0.15	240	19	1.5	---	---
S2-1	0.3	85	6.6	0.85	---	---
S2-2	0.6	71	5.3	0.78	---	---
S2-3	0.9	76	4.2	---	---	---
S3-S	0.15	750	52	4.4	---	---
S3-1	0.3	340	25	2.5	---	---
S3-2	36	170	14	1.9	---	7.59
S4-S	0.15	230	18	0.43	---	---
S4-1	0.3	110	9.1	0.82	---	---
S4-2	0.6	21	---	---	---	---
S4-3	0.9	32	---	---	---	---
S5-S	0.15	340	19	ND	---	---
S5-1	0.3	20	---	---	---	---
S5-2	0.6	6.6	---	---	---	---
S5-3	0.9	6.2	---	---	---	---
S6-S	0.15	210	14	0.49	---	---
S6-1	0.3	220	15	0.42	---	7.3
S6-2	0.6	110	8.1	0.56	---	---
S6-3	0.9	110	5.8	ND	---	---
S7-S	0.15	57	5.7	ND	---	---
S7-1	0.3	70	3.7	---	---	---
S7-2	0.6	13	---	---	---	---

TABLE I (continued)  
SUMMARY OF LEAD AND PH DATA

Sample ID	Depth (m)	Total Lead (mg/kg)	WET-Citric (mg/l)	WET-DI (mg/l)	TCLP (mg/l)	pH
S7-3	0.9	5.3	---	---	---	---
S8-S	0.15	310	21	ND	---	---
S8-1	0.3	490	35	ND	---	---
S9-S	0.15	220	18	ND	---	---
S9-1	0.3	91	4.1	---	---	7.95
S9-2	0.6	76	5	ND	---	---
S9-3	0.9	9	---	---	---	---
S10-S	0.15	200	11	0.43	---	---
S10-1	0.3	130	6.3	0.61	---	---
S10-2	0.6	23	---	---	---	---
S10-3	0.9	5.6	---	---	---	---
S11-S	0.15	300	17	ND	---	---
S11-1	0.3	75	3.1	---	---	---
S11-2	0.6	6	---	---	---	---
S11-3	0.9	6	---	---	---	8.23
S12-S	0.15	1,100	---	---	1.8	---
S12-1	0.3	47	---	---	---	---
S12-2	0.6	40	---	---	---	---
S12-3	0.9	7.2	---	---	---	---
S13-S	0.15	110	5.4	ND	---	6.73
S13-1	0.3	160	12	ND	---	---
S13-2	0.6	300	23	ND	---	---
S13-3	0.9	25	---	---	---	---
S14-S	0.15	86	5.6	ND	---	---
S14-1	0.3	61	3.3	---	---	---
S14-2	0.6	5.5	---	---	---	---
S14-3	0.9	21	---	---	---	---
S15-S	0.15	360	25	0.27	---	---
S15-1	0.3	390	29	1.4	---	6.65
S15-2	0.6	260	22	0.58	---	---
S15-3	0.9	99	8.3	0.33	---	---
S16-S	0.15	490	38	0.32	---	---
S16-1	0.3	150	10	ND	---	---
S16-2	0.6	130	9	ND	---	---
S16-3	0.9	54	3.4	---	---	---
S17-S	0.15	49	---	---	---	---
S17-1	0.3	45	---	---	---	---
S17-2	0.6	45	---	---	---	---
S17-3	0.9	45	---	---	---	8.11
S18-S	0.15	73	4.1	---	---	---
S18-1	0.3	20	---	---	---	---

TABLE I (continued)  
SUMMARY OF LEAD AND PH DATA

Sample ID	Depth (m)	Total Lead (mg/kg)	WET-Citric (mg/l)	WET-DI (mg/l)	TCLP (mg/l)	pH
S18-2	0.6	8.7	---	---	---	---
S18-3	0.9	12	---	---	---	---
S19S	0.15	240	19	0.27	---	---
S19-1	0.3	130	8.3	ND	---	---
S19-2	0.6	30	---	---	---	---
S19-3	0.9	65	6.1	ND	---	---
S20-S	0.15	91	7.1	ND	---	---
S20-1	0.3	160	14	0.3	---	8.58
S20-2	0.6	44	---	---	---	---
S20-3	0.9	15	---	---	---	---
S21-S	0.15	470	19	0.37	---	---
S21-1	0.3	210	18	0.37	---	---
S21-2	0.6	24	---	---	---	---
S21-3	0.9	11	---	---	---	---
S22-S	0.15	93	5.3	ND	---	---
S22-1	0.3	21	---	---	---	---
S22-2	0.6	55	5.9	0.23	---	---
S22-3	0.9	350	17	0.5	---	7.14
S23-S	0.15	45	---	---	---	---
S23-1	0.3	13	---	---	---	---
S23-2	0.6	220	25	0.31	---	---
S23-3	0.9	13	---	---	---	---
S24-S	0.15	15	---	---	---	---
S24-1	0.3	6.4	---	---	---	---
S24-2	0.6	170	15	0.28	---	---
S24-3	0.9	22	---	---	---	---
S25-S	0.15	55	4.2	---	---	---
S25-1	0.3	35	---	---	---	7.34
S25-2	0.6	9.1	---	---	---	---
S25-3	0.9	7.2	---	---	---	---
S26-S	0.15	28	---	---	---	---
S26-1	0.3	300	23	0.5	---	---
S26-2	0.6	330	41	0.38	---	---
S26-3	0.9	110	3.3	---	---	---
S27-S	0.15	110	1.9	---	---	---
S27-1	0.3	74	7.9	ND	---	---
S27-2	0.6	32	---	---	---	---
S27-3	0.9	34	---	---	---	7.55
S28-S	0.15	59	4	---	---	---
S28-1	0.3	46	---	---	---	---
S28-2	0.6	12	---	---	---	---

TABLE I (continued)  
SUMMARY OF LEAD AND PH DATA

Sample ID	Depth (m)	Total Lead (mg/kg)	WET-Citric (mg/l)	WET-DI (mg/l)	TCLP (mg/l)	pH
S28-3	0.9	23	---	---	---	---
S29-S	0.15	84	6.8	ND	---	---
S29-1	0.3	270	38	ND	---	---
S29-2	0.6	42	---	---	---	---
S29-3	0.9	ND	---	---	---	---
S30-S	0.15	280	20	ND	---	---
S30-1	0.3	160	14	ND	---	7.06
S30-2	0.6	99	7.3	ND	---	---
S30-3	0.9	5.6	---	---	---	---
S31-S	0.15	1,100	---	---	0.89	---
S31-1	0.3	590	50	ND	---	---
S31-2	0.6	1,000	---	---	0.51	---
S31-3	0.9	30	---	---	---	---
S32-S	0.15	1,000	---	---	1.6	---
S32-1	0.3	810	89	1.6	---	---
S32-2	0.6	240	17	0.55	---	---
S32-3	0.9	210	25	1	---	7.8
S33-S	0.15	350	90	3.2	---	---
S33-1	0.3	730	94	2.8	---	---
S33-2	0.6	370	85	2.9	---	---
S33-3	0.9	320	54	2.3	---	---
S34-S	0.15	1,100	---	---	2.7	7.51
S34-1	0.3	690	45	1.5	---	---
S34-2	0.6	310	14	0.21	---	---
S34-3	0.9	60	5.3	ND	---	---
S35-S	0.15	1,100	---	---	4.9	---
S35-1	0.3	680	58	1.9	---	---
S35-2	0.6	100	6.3	0.29	---	---
S35-3	0.9	53	4.1	---	---	---
S36-S	0.15	650	17	ND	---	---
S36-1	0.3	14	---	---	---	8.41
S36-2	0.6	11	---	---	---	---
S36-3	0.9	10	---	---	---	---
S37-S	0.15	1,200	---	---	4.3	---
S37-1	0.3	790	63	1.5	---	---
S37-2	0.6	140	10	0.49	---	---
S37-3	0.9	76	3.1	---	---	---
S38-S	0.15	330	27	0.35	---	---
S38-1	0.3	320	21	0.28	---	---
S38-2	0.6	63	3.7	---	---	---
S38-3	0.9	140	6.2	ND	---	6.53

TABLE I (continued)  
SUMMARY OF LEAD AND PH DATA

Sample ID	Depth (m)	Total Lead (mg/kg)	WET-Citric (mg/l)	WET-DI (mg/l)	TCLP (mg/l)	pH
S39-S	0.15	910	57	1.6	---	---
S39-1	0.3	690	47	3.2	---	---
S39-2	0.6	110	5.7	ND	---	---
S39-3	0.9	87	6.7	ND	---	---
S40-S	0.15	760	24	1.6	---	---
S40-1	0.3	240	5.4	0.78	---	---
S40-2	0.6	140	6.1	0.26	---	---
S40-3	0.9	150	10	0.53	---	---
S41-S	0.15	860	54	0.62	---	---
S41-1	0.3	97	6.6	ND	---	6.88
S41-2	0.6	220	13	ND	---	---
S42-S	0.15	1,600	---	---	3.7	---
S42-1	0.3	770	100	4.9	---	---
S42-2	0.6	140	11	0.43	---	---
S42-3	0.9	250	22	0.34	---	---
S43-S	0.15	2,800	---	---	3.8	---
S43-1	0.3	1,300	---	---	5.4	---
S43-2	0.6	190	15	1	---	---
S44-S	0.15	2,000	---	---	4.2	---
S44-1	0.3	1,700	---	---	4.2	6.86
S44-2	0.6	1,200	---	---	4.3	---
S44-3	0.9	150	9.1	0.59	---	---
S45-S	0.15	1,600	---	---	6.3	---
S45-1	0.3	560	48	4.5	---	---
S45-2	0.6	550	50	2.6	---	---
S45-3	0.9	99	12	0.49	---	---
S46-S	0.15	1,300	---	---	2.7	---
S46-1	0.3	180	24	0.69	---	---
S46-2	0.6	350	23	0.95	---	---
S46-3	0.9	92	7.6	0.22	---	8.45
S47-S	0.15	800	81	2.9	---	---
S47-1	0.3	640	50	3	---	---
S47-2	0.6	94	7.7	0.64	---	---
S47-3	0.9	110	10	0.69	---	---
S48-S	0.15	1,100	---	---	1.9	---
S48-1	0.3	360	18	1.3	---	---
S48-2	0.6	99	5.7	0.35	---	---
S48-3	0.9	23	---	---	---	---
S49-S	0.15	310	26	ND	---	---
S49-1	0.3	18	---	---	---	7.88
S49-2	0.6	ND	---	---	---	---

TABLE I (continued)  
SUMMARY OF LEAD AND PH DATA

Sample ID	Depth (m)	Total Lead (mg/kg)	WET-Citric (mg/l)	WET-DI (mg/l)	TCLP (mg/l)	pH
S49-3	0.9	6.9	---	---	---	---
S50-S	0.15	960	97	1.6	---	---
S50-1	0.3	140	17	0.52	---	---
S50-2	0.6	66	7.4	ND	---	---
S50-3	0.9	120	11	ND	---	---
S51-S	0.15	470	48	1.4	---	---
S51-1	0.3	20	---	---	---	---
S51-2	0.6	30	---	---	---	---
S51-3	0.9	8	---	---	---	8.86
S52-S	0.15	680	53	2.2	---	---
S52-1	0.3	110	13	0.4	---	---
S52-2	0.6	180	6.6	0.36	---	---
S52-3	0.9	38	---	---	---	---
S53-S	0.15	510	41	1.6	---	---
S53-1	0.3	190	12	0.27	---	---
S53-2	0.6	14	---	---	---	---
S53-3	0.9	38	---	---	---	---
S54-S	0.15	1,000	---	---	1.2	---
S54-1	0.3	41	---	---	---	8.4
S54-2	0.6	31	---	---	---	---
S54-3	0.9	12	---	---	---	---
S55-S	0.15	83	3.5	---	---	---
S55-1	0.3	510	27	2.4	---	---
S55-2	0.6	120	8.9	0.83	---	---
S56-S	0.15	2,000	---	---	1.8	---
S56-1	0.3	610	45	1.1	---	---
S56-2	0.6	440	29	0.38	---	---
S56-3	0.9	73	5.3	0.25	---	---
S57-S	0.15	670	38	2.7	---	7.46
S57-1	0.3	570	11	0.69	---	---
S57-2	0.6	43	---	---	---	---
S57-3	0.9	750	40	2.5	---	---
S58-S	0.15	1,200	---	---	4.4	---
S58-1	0.3	960	46	6.6	---	---
S58-2	0.6	950	86	4.7	---	---
S58-3	0.9	150	9.1	0.77	---	---
S59-S	0.15	1,000	---	---	0.87	7.68
S59-1	0.3	1,300	---	---	0.43	---
S59-2	0.6	820	11	0.4	---	---
S59-3	0.9	570	29	0.65	---	---
S60-S	0.15	62	39	0.26	---	---

TABLE I (continued)  
SUMMARY OF LEAD AND PH DATA

Sample ID	Depth (m)	Total Lead (mg/kg)	WET-Citric (mg/l)	WET-DI (mg/l)	TCLP (mg/l)	pH
S60-1	0.3	200	7.6	ND	---	---
S60-2	0.6	47	---	---	---	---
S60-3	0.9	1,100	---	---	ND	---
S61-S	0.15	1,200	---	---	0.84	7.19
S61-1	0.3	770	25	0.5	---	---
S61-2	0.6	1,300	---	---	0.75	---
S61-3	0.9	640	13	0.35	---	---
S62-S	0.15	200	8.5	ND	---	---
S62-1	0.3	220	1.3	---	---	---
S62-2	0.6	1,800	---	---	ND	---
S62-3	0.9	240	0.55	---	---	---
S63-S	0.15	89	17	ND	---	---
S63-1	0.3	160	5.1	ND	---	---
S63-2	0.6	400	4.7	---	---	7.68
S63-3	0.9	180	8.4	ND	---	---
S64-S	0.15	46	---	---	---	---
S64-1	0.3	300	3.1	---	---	---
S64-2	0.6	370	3.3	---	---	---
S64-3	0.9	410	4.6	---	---	---
S65-S	0.15	35	---	---	---	---
S65-1	0.3	140	3.8	---	---	---
S65-2	0.6	310	38	ND	---	---
S65-3	0.9	710	7.5	2.1	---	---
S66-S	0.15	21	---	---	---	6.2
S66-1	0.3	64	15	0.23	---	---
S66-2	0.6	240	4.7	---	---	---
S66-3	0.9	1,300	---	---	ND	---
S67-S	0.15	60	80	1.2	---	---
S67-1	0.3	380	33	1.1	---	---
S67-2	0.6	80	7.5	ND	---	---
S67-3	0.9	950	1.4	---	---	---
S68-S	0.15	64	30	0.44	---	---
S68-1	0.3	70	35	0.6	---	---
S68-2	0.6	43	---	---	---	7.23
S68-3	0.9	150	2.1	---	---	---
S69-S	0.15	48	---	---	---	---
S69-1	0.3	47	---	---	---	---
S69-2	0.6	110	17	0.41	---	---
S69-3	0.9	150	4.5	---	---	---
S70-S	0.15	11	---	---	---	---
S70-1	0.3	20	---	---	---	---

TABLE I (continued)  
SUMMARY OF LEAD AND PH DATA

Sample ID	Depth (m)	Total Lead (mg/kg)	WET-Citric (mg/l)	WET-DI (mg/l)	TCLP (mg/l)	pH
S70-2	0.6	28	---	---	---	---
S70-3	0.9	97	14	ND	---	---
S71-S	0.15	140	48	0.25	---	6.7
S71-1	0.3	250	150	1.3	---	---
S71-2	0.6	320	100	1.7	---	---
S71-3	0.9	820	170	2.2	---	---
S72-S	0.15	38	---	---	---	---
S72-1	0.3	10	---	---	---	---
S72-2	0.6	100	19	1.1	---	---
S72-3	0.9	520	1.1	---	---	---
S73-S	0.15	280	66	0.74	---	---
S73-1	0.3	170	93	3.5	---	---
S73-2	0.6	86	120	7.2	---	6.72
S73-3	0.9	360	110	5	---	---
S74-S	0.15	730	83	1.1	---	---
S74-1	0.3	130	13	0.37	---	---
S74-2	0.6	36	---	---	---	---
S74-3	0.9	33	---	---	---	---
S75-S	0.15	640	65	1.3	---	---
S75-1	0.3	460	65	2.1	---	---
S75-2	0.6	29	---	---	---	---
S75-3	0.9	27	---	---	---	---
S76-S	0.15	680	71	2.2	---	7.21
S76-1	0.3	110	9.3	0.6	---	---
S76-2	0.6	63	2.8	---	---	---
S76-3	0.9	23	---	---	---	---
S77-S	0.15	360	99	1.7	---	---
S77-1	0.3	950	190	12	---	---
S77-2	0.6	470	24	1.8	---	---
S77-3	0.9	120	8.2	ND	---	---
S78-S	0.15	890	100	2.4	---	---
S78-1	0.3	230	15	ND	---	---
S78-2	0.6	370	57	0.82	---	7.16
S78-3	0.9	17	---	---	---	---
S79-S	0.15	500	110	1.1	---	---
S79-1	0.3	47	---	---	---	---
S79-2	0.6	48	---	---	---	---
S79-3	0.9	23	---	---	---	---
S80-S	0.15	590	6.2	0.8	---	---
S80-1	0.3	40	---	---	---	---
S80-2	0.6	66	2.7	---	---	---

TABLE I (continued)  
SUMMARY OF LEAD AND PH DATA

Sample ID	Depth (m)	Total Lead (mg/kg)	WET-Citric (mg/l)	WET-DI (mg/l)	TCLP (mg/l)	pH
S81-S	0.15	470	51	1.9	---	8.52
S81-1	0.3	30	---	---	---	---
S81-2	0.6	72	5.5	0.36	---	---
S81-3	0.9	9.8	---	---	---	---
S82-S	0.15	710	70	3.5	---	---
S82-1	0.3	180	14	0.86	---	---
S82-2	0.6	170	13	0.39	---	---
S82-3	0.9	160	8.3	0.23	---	---
S83-S	0.15	720	63	1.1	---	---
S83-1	0.3	350	26	0.56	---	7.29
S83-2	0.6	54	3.9	---	---	---
S83-3	0.9	31	---	---	---	---
S84-S	0.15	1,400	---	---	3.5	---
S84-1	0.3	560	52	1.8	---	---
S84-2	0.6	210	15	1.3	---	---
S84-3	0.9	420	25	2.6	---	---
S85-S	0.15	450	34	0.5	---	---
S85-1	0.3	780	91	3.4	---	---
S85-2	0.6	1,800	---	---	9.1	---
S85-3	0.9	500	43	3.2	---	7.19
S86-S	0.15	260	26	0.28	---	---
S86-1	0.3	480	55	0.6	---	---
S86-2	0.6	750	88	2.3	---	---
S87-S	0.15	1,000	---	---	1.4	---
S87-1	0.3	390	35	0.83	---	---
S87-2	0.6	100	4.4	---	---	---
S87-3	0.9	22	---	---	---	---
S88-S	0.15	1,100	---	---	5.4	---
S88-1	0.3	1,100	---	---	3.3	---
S88-2	0.6	1,100	---	---	0.43	7.44
S88-3	0.9	550	54	1.4	---	---
S89-S	0.15	270	50	ND	---	---
S89-1	0.3	560	62	5	---	---
S89-2	0.6	47	---	---	---	---
S89-3	0.9	100	6.6	0.37	---	---
S90-S	0.15	240	16	0.2	---	---
S90-1	0.3	100	7.9	ND	---	---
S90-2	0.6	1,500	---	---	4.8	---
S90-3	0.9	120	12	0.85	---	---
S91-S	0.15	530	83	0.6	---	7.56
S91-1	0.3	650	62	2.3	---	---

TABLE I (continued)  
SUMMARY OF LEAD AND PH DATA

Sample ID	Depth (m)	Total Lead (mg/kg)	WET-Citric (mg/l)	WET-DI (mg/l)	TCLP (mg/l)	pH
S91-2	0.6	48	---	---	---	---
S91-3	0.9	89	1.7	---	---	---
S92-S	0.15	410	43	1.1	---	---
S92-1	0.3	90	5.8	0.29	---	---
S92-2	0.6	250	28	1.8	---	---
S92-3	0.9	360	29	1.6	---	---
S93-S	0.15	940	43	1	---	---
S93-1	0.3	870	95	3.1	---	---
S93-2	0.6	69	5.5	ND	---	7.86
S94-S	0.15	1,100	---	---	4.9	---
S94-1	0.3	690	49	1.3	---	---
S94-2	0.6	750	63	1	---	---
S95-S	0.15	500	25	0.3	---	---
S95-1	0.3	620	57	1.7	---	---
S95-2	0.6	140	8.2	ND	---	---
S95-3	0.9	230	14	0.29	---	---
S96-S	0.15	670	29	0.58	---	---
S96-1	0.3	19	---	---	---	---
S96-2	0.6	180	13	0.29	---	8.45
S96-3	0.9	34	---	---	---	---
S97-S	0.15	170	11	ND	---	---
S97-1	0.3	290	17	0.78	---	---
S97-2	0.6	120	12	0.31	---	---
S97-3	0.9	110	4.5	---	---	---
S98-S	0.15	270	19	ND	---	---
S98-1	0.3	1,500	---	---	4.9	---
S98-2	0.6	91	2	---	---	---
S98-3	0.9	55	3.4	---	---	---
S99-S	0.15	1,900	---	---	5	6.99
S99-1	0.3	1,600	---	---	5.2	---
S99-2	0.6	620	51	2.5	---	---
S100-S	0.15	610	67	1.7	---	---
S100-1	0.3	88	7.1	0.2	---	---
S100-2	0.6	60	2.9	---	---	---
S100-3	0.9	220	21	0.28	---	---
S101-S	0.15	250	27	0.79	---	---
S101-1	0.3	43	---	---	---	---
S101-2	0.6	34	---	---	---	---
S102-S	0.15	560	67	0.46	---	7.5
S102-1	0.3	710	78	2.2	---	---
S102-2	0.6	220	17	0.92	---	---

TABLE I (continued)  
SUMMARY OF LEAD AND PH DATA

Sample ID	Depth (m)	Total Lead (mg/kg)	WET-Citric (mg/l)	WET-DI (mg/l)	TCLP (mg/l)	pH
S102-3	0.9	140	15	0.44	---	---
S103-S	0.15	1,900	---	---	14	---
S103-1	0.3	330	14	0.61	---	---
S103-2	0.6	81	7.1	0.38	---	---
S104-S	0.15	910	73	1.8	---	---
S104-1	0.3	1,000	---	---	3	---
S104-2	0.6	170	6.2	0.21	---	---
S104-3	0.9	170	18	0.62	---	7.11
S105-S	0.15	1,400	---	---	6.1	---
S105-1	0.3	2,500	---	---	13	---
S105-2	0.6	180	23	1.6	---	---
S106-S	0.15	730	72	2.1	---	---
S106-1	0.3	2,300	---	---	18	---
S106-2	0.6	240	26	2.9	---	---
S106-3	0.9	390	32	3.1	---	---
S107-S	0.15	320	29	0.43	---	---
S107-1	0.3	240	14	0.24	---	---
S107-2	0.6	290	17	1.4	---	7.67
S107-3	0.9	180	16	1.1	---	---
S108-S	0.15	590	43	0.73	---	---
S108-1	0.3	150	19	0.25	---	---
S108-2	0.6	320	23	1.6	---	---
S108-3	0.9	74	7.1	0.51	---	---
S109-S	0.15	560	51	0.55	---	6.57
S109-1	0.3	850	110	4.4	---	---
S109-2	0.6	230	21	1.5	---	---
S109-3	0.9	110	7.6	0.51	---	---
S110-S	0.15	220	20	ND	---	---
S110-1	0.3	1,100	---	---	4.9	---
S110-2	0.6	130	18	1.6	---	---
S110-3	0.9	190	16	1.6	---	---
S111-S	0.15	340	36	0.59	---	---
S111-1	0.3	850	120	5.4	---	7.11
S111-2	0.6	43	---	---	---	---
S111-3	0.9	28	---	---	---	---
S112-S	0.15	510	57	0.52	---	---
S112-1	0.3	210	26	ND	---	---
S112-2	0.6	53	7.1	ND	---	---
S112-3	0.9	130	8	0.5	---	---
S113-S	0.15	1,000	---	---	5.9	---
S113-1	0.3	630	92	4	---	---

TABLE I (continued)  
SUMMARY OF LEAD AND PH DATA

Sample ID	Depth (m)	Total Lead (mg/kg)	WET-Citric (mg/l)	WET-DI (mg/l)	TCLP (mg/l)	pH
S113-2	0.6	100	7.4	0.28	---	---
S113-3	0.9	48	---	---	---	7.81
S114-S	0.15	140	13	ND	---	---
S114-1	0.3	150	14	ND	---	---
S114-2	0.6	150	13	ND	---	---
S114-3	0.9	29	---	---	---	---
S115-S	0.15	280	32	ND	---	---
S115-1	0.3	52	3	---	---	---
S115-2	0.6	130	6.8	ND	---	---
S115-3	0.9	22	---	---	---	---
S116-S	0.15	310	17	0.83	---	---
S116-1	0.3	260	16	0.42	---	8.3
S117-S	0.15	190	20	0.21	---	---
S117-1	0.3	170	28	---	---	---
S117-2	0.6	110	12	ND	---	---
S118-S	0.15	120	6.8	ND	---	---
S118-1	0.3	67	5.9	ND	---	---
S119-S	0.15	260	28	0.26	---	---
S119-1	0.3	18	---	---	---	---
S119-2	0.6	ND	---	---	---	---
S119-3	0.9	6.2	---	---	---	---
S120-S	0.15	66	6.2	ND	---	8.29
S120-1	0.3	15	---	---	---	---
S120-2	0.6	11	---	---	---	---
S120-3	0.9	9.3	---	---	---	---

ND = Not detected at or above laboratory detection limits.

WET-Citric = Waste Extraction Test using citric acid as the extractant, EPA Test Method 3050A.

WET-DI = Waste Extraction Test using deionized water as the extractant, EPA Test Method 3050A.

TCLP = Toxicity Characteristic Leaching Procedure, EPA Test Method 1311.

Total and soluble lead analyzed using EPA Test Method 6010.

TABLE II  
TITLE 22 METALS ROUTE 5 SOUTHBOUND

Element	<i>S42-S</i>	<i>S43-S</i>	<i>S44-S</i>	<i>S44-1</i>	<i>S45-S</i>	<i>S56-S</i>	<i>S62-2</i>	Max Value	STLC	TTLIC	10X STLC
Antimony	1.5	2.0	1.5	1.5	1.5	2.0	1.0	2.5	15	500	150
Arsenic	9.0	10	9.0	7.5	9.0	9.0	11	23	5.0	500	50
Barium	94	210	140	100	130	250	98	250	100	10,000	1,000
Beryllium	ND	<0.15	0.75	75	7.5						
Cadmium	ND	2.5	1.0	100	10						
Chromium	19	36	25	17	41	37	16	41	5.0	2,500	50
Cobalt	6.0	6.5	6.0	5.5	7.0	6.5	8.0	8.0	80	8,000	800
Copper	44	98	56	210	100	110	20	210	25	2,500	250
Lead	1,400	4,600	2,100	1,800	2,100	2,200	23	4,600	5.0	1,000	50
Mercury	ND	0.12	0.47	0.25	ND	0.31	ND	0.47	0.2	20	2.0
Molybdenum	2.0	5.5	4.0	1.5	39	7.0	0.5	39	350	3,500	3,500
Nickel	14	23	18	14	29	24	12	29	20	2,000	200
Selenium	ND	ND	ND	ND	ND	3.0	ND	3.0	1.0	100	10
Silver	ND	0.17	0.15	ND	0.28	0.21	ND	5.0	5.0	500	50
Thallium	0.5	0.5	0.5	0.5	0.5	0.5	1.0	1.0	7.0	700	70
Vanadium	21	23	22	21	22	24	33	34	24	2,400	240
Zinc	250	650	340	270	540	480	48	1,100	250	5000	2,500

ND = Not detected at or above laboratory detection limits  
 STLC = Soluble Threshold Limit Concentration  
 TTLIC = Total Threshold Limit Concentration  
 All values in milligrams per kilograms (mg/kg), except STLC and 10X STLC which are mg/l

TABLE II (continued)  
TITLE 22 METALS ROUTE 5 SOUTHBOUND

Element	<i>S85-2</i>	<i>S90-2</i>	<i>S-98-1</i>	<i>S99-S</i>	<i>S99-1</i>	<i>S103-S</i>	<i>S105-1</i>	<i>S106-1</i>	Max Value	STLC	TTLc	10X STLC
Antimony	1.5	1.5	1.0	2.0	1.5	2.5	2.5	2.0	2.5	15	500	150
Arsenic	18	12	12	9.5	10	20	23	20	23	5.0	500	50
Barium	160	160	110	190	170	160	210	210	250	100	10,000	1,000
Beryllium	ND	ND	ND	ND	ND	ND	ND	ND	<0.15	0.75	75	7.5
Cadmium	ND	ND	ND	ND	ND	0.5	2.5	0.22	2.5	1.0	100	10
Chromium	18	32	14	24	28	36	35	26	41	5.0	2,500	50
Cobalt	5.5	6.0	5.0	7.0	7.5	6.0	6.5	5.5	8.0	80	8,000	800
Copper	48	110	38	61	51	140	88	70	210	25	2,500	250
Lead	1,700	1,600	1,000	1,900	1,900	2,900	3,800	3,200	4,600	5.0	1,000	50
Mercury	ND	0.11	ND	ND	ND	0.24	0.14	ND	0.47	0.2	20	2.0
Molybdenum	2.0	2.5	1.5	3.5	2.5	5.5	4.0	3.0	39	350	3,500	3,500
Nickel	15	17	12	20	21	26	20	16	29	20	2,000	200
Selenium	ND	ND	ND	ND	ND	ND	ND	ND	3.0	1.0	100	10
Silver	ND	ND	ND	ND	ND	2.0	5.0	1.0	5.0	5.0	500	50
Thallium	0.5	0.5	0.44	1.0	0.5	0.5	1.0	0.5	1.0	7.0	700	70
Vanadium	25	26	21	29	34	22	24	22	34	24	2,400	240
Zinc	240	300	220	620	600	1,100	430	430	1,100	250	5,000	2,500

ND = Not detected at or above laboratory detection limits

STLC = Soluble Threshold Limit Concentration

TTLc = Total Threshold Limit Concentration

All values in milligrams per kilograms (mg/kg), except STLC and 10X STLC which are mg/l

TABLE II (continued)  
TITLE 22 METALS ROUTE 5 NORTHBOUND

Element	N8-S	N18-0.3	N38-0.3	N38-0.6	N45-S	N54-S	N58-S	Max Value	STLC	TTLIC	10X STLC
Antimony	1.5	1.5	2.5	3.5	2.0	2.0	2.0	3.5	15	500	150
Arsenic	15	9.5	12	9.1	8.5	9.0	9.0	15	5.0	500	50
Barium	200	240	210	240	200	170	170	240	100	10,000	1,000
Beryllium	ND	ND	ND	ND	ND	ND	ND	<0.15	0.75	75	7.5
Cadmium	0.5	ND	ND	2.9	ND	ND	ND	8.5	1.0	100	10
Chromium	25	16	46	33	21	23	22	46	5.0	2,500	50
Cobalt	6.0	5.0	6.5	6.3	6.0	6.0	5.0	8.5	80	8,000	800
Copper	50	150	94	150	72	78	56	150	25	2,500	250
Lead	2,000	5,000	3,700	2,200	2,100	3,800	3,700	5,000	5.0	1,000	50
Mercury	ND	ND	0.12	ND	0.14	0.14	ND	0.22	0.2	20	2.0
Molybdenum	2.5	2.0	5.5	5.4	2.5	4.0	3.0	7.0	350	3,500	3,500
Nickel	16	15	24	25	16	19	18	32	20	2,000	200
Selenium	ND	ND	ND	ND	ND	ND	ND	<0.25	1.0	100	10
Silver	ND	0.34	0.24	0.47	ND	ND	ND	140	5.0	500	50
Thallium	1.0	1.0	0.5	ND	0.5	0.5	0.5	1.0	7.0	700	70
Vanadium	26	22	28	23	22	24	22	40	24	2,400	240
Zinc	650	410	550	850	390	350	300	850	250	5,000	2,500

ND = Not detected at or above laboratory detection limits

STLC = Soluble Threshold Limit Concentration

TTLIC = Total Threshold Limit Concentration

All values in milligrams per kilograms (mg/kg), except STLC and 10X STLC which are mg/l

TABLE II (continued)  
TITLE 22 METALS ROUTE 5 NORTHBOUND

Element	N61-S	N77-0.6	N80-S	N82-S	N82-0.3	N84-S	N91-0.6	N92-S	Max Value	STLC	TTLc	10X STLC
Antimony	2.0	2.0	2.5	3.0	2.5	2.0	2.5	2.5	3.5	15	500	150
Arsenic	12	10	12	11	12	9.5	12	14	15	5.0	500	50
Barium	200	120	210	240	160	170	180	210	240	100	10,000	1,000
Beryllium	ND	ND	ND	ND	ND	ND	ND	ND	<0.15	0.75	75	7.5
Cadmium	ND	ND	8.5	ND	ND	ND	ND	ND	8.5	1.0	100	10
Chromium	30	18	32	39	24	26	23	28	46	5.0	2,500	50
Cobalt	7.0	7.0	7.0	6.5	6.5	6.5	6.5	8.5	8.5	80	8,000	800
Copper	110	36	80	100	68	58	110	73	150	25	2,500	250
Lead	1,800	1,900	4,400	2,300	2,400	2,300	3,800	4,000	5,000	5.0	1,000	50
Mercury	ND	ND	0.17	0.21	0.11	0.22	ND	ND	0.22	0.2	20	2.0
Molybdenum	7.0	3.0	4.0	5.5	3.0	2.5	3.0	3.0	7.0	350	3,500	3,500
Nickel	26	14	22	32	22	18	22	22	32	20	2,000	200
Selenium	ND	ND	ND	ND	ND	ND	ND	ND	<0.25	1.0	100	10
Silver	ND	ND	140	0.29	0.28	ND	ND	ND	140	5.0	500	50
Thallium	1.0	1.0	1.0	0.5	1.0	0.5	1.0	1.0	1.0	7.0	700	70
Vanadium	29	26	26	30	28	28	24	40	40	24	2,400	240
Zinc	450.	290	490	530	360	420	610	550	850	250	5,000	2,500

ND = Not detected at or above laboratory detection limits

STLC = Soluble Threshold Limit Concentration

TTLc = Total Threshold Limit Concentration

All values in milligrams per kilograms (mg/kg), except STLC and 10X STLC which are mg/l

APPENDIX

A

borehole\_spreadsheet

unique id	site description	parallel location	lateral location	borehole id	Borehole Latitude	Borehole Longitude
566	per task order	s1		566-101	33.9390354	-118.0954053
566	per task order	s2		566-102	33.9382581	-118.0949604
566	per task order	s3		566-103	33.9375474	-118.0944572
566	per task order	s4		566-104	33.9367328	-118.0939629
566	per task order	s5		566-105	33.9359612	-118.0933811
566	per task order	s6		566-106	33.9351392	-118.0928078
566	per task order	s7		566-107	33.9346456	-118.0923235
566	per task order	s8		566-108	33.9342206	-118.0921638
566	per task order	s9		566-109	33.933621	-118.0917032
566	per task order	s10		566-110	33.9330174	-118.0912576
566	per task order	s11		566-111	33.9323398	-118.0908233
566	per task order	s12		566-112	33.9317872	-118.0904433
566	per task order	s13		566-113	33.9312522	-118.0901677
566	per task order	s14		566-114	33.9298298	-118.0891381
566	per task order	s15		566-115	33.9294494	-118.0887416
566	per task order	s16		566-116	33.9305362	-118.089695
566	per task order	s17		566-117	33.9290968	-118.0885278
566	per task order	s18		566-118	33.9284335	-118.0880895
566	per task order	s19		566-119	33.9279341	-118.0877214
566	per task order	s20		566-120	33.9273632	-118.0873132
566	per task order	s21		566-121	33.9267432	-118.0868801
566	per task order	s22		566-122	33.9261524	-118.0864413
566	per task order	s23		566-123	33.9254681	-118.085981
566	per task order	s24		566-124	33.9248465	-118.0855419
566	per task order	s25		566-125	33.9242054	-118.0850954
566	per task order	s26		566-126	33.9235842	-118.084664
566	per task order	s27		566-127	33.9229742	-118.08421
566	per task order	s28		566-128	33.9223457	-118.0837864
566	per task order	s29		566-129	33.9217438	-118.0833457
566	per task order	s30		566-130	33.9211536	-118.0829279
566	per task order	s31		566-131	33.9201251	-118.0822211
566	per task order	s32		566-132	33.9189026	-118.0813048
566	per task order	s33		566-133	33.9183337	-118.0809045
566	per task order	s34		566-134	33.9179643	-118.0806482
566	per task order	s35		566-135	33.9174008	-118.0802312
566	per task order	s36		566-136	33.9167745	-118.0799669

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566	per task order	s37	566-137	33.9159865	-118.0792709
566	per task order	s38	566-138	33.9154865	-118.0788104
566	per task order	s39	566-139	33.9149404	-118.0782159
566	per task order	s40	566-140	33.9144599	-118.0777341
566	per task order	s41	566-141	33.9140124	-118.0770542
566	per task order	s42	566-142	33.9135768	-118.0763486
566	per task order	s43	566-143	33.9131559	-118.0756123
566	per task order	s44	566-144	33.9128123	-118.074962
566	per task order	s45	566-145	33.912362	-118.0741318
566	per task order	s46	566-146	33.9119271	-118.0733168
566	per task order	s47	566-147	33.9115465	-118.0726237
566	per task order	s48	566-148	33.911154	-118.0719387
566	per task order	s49	566-149	33.9106856	-118.0712877
566	per task order	s50	566-150	33.9102123	-118.0706445
566	per task order	s51	566-151	33.9096506	-118.0699633
566	per task order	s52	566-152	33.9089724	-118.0692549
566	per task order	s53	566-153	33.9083126	-118.0686075
566	per task order	s54	566-154	33.9074385	-118.0677308
566	per task order	s55	566-155	33.9066473	-118.0669388
566	per task order	s56	566-156	33.9059642	-118.0662503
566	per task order	s57	566-157	33.9049658	-118.0652366
566	per task order	s58	566-158	33.9043941	-118.0646708
566	per task order	s59	566-159	33.9039386	-118.0641844
566	per task order	s60	566-160	33.9032754	-118.0635042
566	per task order	s61	566-161	33.9027617	-118.0627154
566	per task order	s62	566-162	33.9021506	-118.0618466
566	per task order	s63	566-163	33.9015685	-118.0610026
566	per task order	s64	566-164	33.9010516	-118.0602082
566	per task order	s65	566-165	33.8990214	-118.0568817
566	per task order	s66	566-166	33.8994869	-118.0577607
566	per task order	s67	566-167	33.8999777	-118.0586133
566	per task order	s68	566-168	33.9004732	-118.0594542
566	per task order	s69	566-169	33.8985388	-118.0559696
566	per task order	s70	566-170	33.8980236	-118.0550116
566	per task order	s71	566-171	33.897549	-118.0541174
566	per task order	s72	566-172	33.8970847	-118.0532687
566	per task order	s73	566-173	33.8966203	-118.0524207

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566	per task order	s74	566-174	33.8961688	-118.0515502
566	per task order	s75	566-175	33.8956743	-118.0506524
566	per task order	s76	566-176	33.8951914	-118.0497424
566	per task order	s77	566-177	33.8946945	-118.0488335
566	per task order	s78	566-178	33.8941905	-118.0479296
566	per task order	s79	566-179	33.8937025	-118.0470244
566	per task order	s80	566-180	33.8931234	-118.0460547
566	per task order	s81	566-181	33.8927108	-118.0451808
566	per task order	s82	566-182	33.8922223	-118.0443454
566	per task order	s83	566-183	33.8917111	-118.0433545
566	per task order	s84	566-184	33.8913011	-118.0425687
566	per task order	s85	566-185	33.8908755	-118.0417786
566	per task order	s86	566-186	33.8904311	-118.040946
566	per task order	s87	566-187	33.889979	-118.040106
566	per task order	s88	566-188	33.8895248	-118.039256
566	per task order	s89	566-189	33.8890728	-118.0384286
566	per task order	s90	566-190	33.8886237	-118.0375754
566	per task order	s91	566-191	33.8881649	-118.0367216
566	per task order	s92	566-192	33.887649	-118.0359286
566	per task order	s93	566-193	33.8873018	-118.0352117
566	per task order	s94	566-194	33.8864626	-118.0336217
566	per task order	s95	566-195	33.8860158	-118.0327673
566	per task order	s96	566-196	33.8855639	-118.0319248
566	per task order	s97	566-197	33.8850975	-118.0310814
566	per task order	s98	566-198	33.8846181	-118.0302108
566	per task order	s99	566-199	33.8840556	-118.0291444
566	per task order	s100	566-200	33.8835609	-118.0283486
566	per task order	s101	566-201	33.883143	-118.0274356
566	per task order	s102	566-202	33.8825288	-118.0264118
566	per task order	s103	566-203	33.8821071	-118.025621
566	per task order	s104	566-204	33.8815849	-118.0246157
566	per task order	s105	566-205	33.8810841	-118.0236656
566	per task order	s106	566-206	33.8806651	-118.0228888
566	per task order	s107	566-207	33.8802325	-118.0220834
566	per task order	s108	566-208	33.8797836	-118.0212441
566	per task order	s109	566-209	33.8793401	-118.0204332
566	per task order	s110	566-210	33.8788983	-118.0195941

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566	per task order	s111	566-211	33.8784502	-118.0187517
566	per task order	s112	566-212	33.8780098	-118.0179426
566	per task order	s113	566-213	33.877561	-118.0171016
566	per task order	s114	566-214	33.8771542	-118.0163194
566	per task order	s115	566-215	33.876707	-118.0154893
566	per task order	s116	566-216	33.8762133	-118.0146542
566	per task order	s117	566-217	33.8757319	-118.0137684
566	per task order	s118	566-218	33.8754011	-118.013144
566	per task order	s119	566-219	33.8748897	-118.0122387
566	per task order	s120	566-220	33.8743084	-118.0116239
566	per task order	n1	566-221	33.8748627	-118.0113387
566	per task order	n2	566-222	33.8753176	-118.0121605
566	per task order	n3	566-223	33.8757758	-118.0129922
566	per task order	n4	566-224	33.8760514	-118.0135661
566	per task order	n5	566-225	33.8766961	-118.0147756
566	per task order	n6	566-226	33.8771487	-118.0156275
566	per task order	n7	566-227	33.8776948	-118.0166226
566	per task order	n8	566-228	33.8781295	-118.0174444
566	per task order	n9	566-229	33.8785771	-118.0182743
566	per task order	n10	566-230	33.8790653	-118.0191506
566	per task order	n11	566-231	33.8795086	-118.0200182
566	per task order	n12	566-232	33.8799849	-118.0208995
566	per task order	n13	566-233	33.8804518	-118.0217615
566	per task order	n14	566-234	33.8809269	-118.0226565
566	per task order	n15	566-235	33.8814218	-118.0235383
566	per task order	n16	566-236	33.8819656	-118.024561
566	per task order	n17	566-237	33.8824407	-118.0254384
566	per task order	n18	566-238	33.8850908	-118.030369
566	per task order	n19	566-239	33.885531	-118.0312263
566	per task order	n20	566-240	33.8860087	-118.0320498
566	per task order	n21	566-241	33.8863703	-118.0327431
566	per task order	n22	566-242	33.886814	-118.0335272
566	per task order	n23	566-243	33.8872911	-118.0344014
566	per task order	n24	566-244	33.8877309	-118.0352203
566	per task order	n25	566-245	33.8888962	-118.0374041
566	per task order	n26	566-246	33.8893707	-118.0382791
566	per task order	n27	566-247	33.8898595	-118.0391771

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566	per task order	n28	566-248	33.89031	-118.0400434
566	per task order	n29	566-249	33.8908892	-118.0410819
566	per task order	n30	566-250	33.8913759	-118.0419861
566	per task order	n31	566-251	33.891832	-118.042825
566	per task order	n32	566-252	33.8925142	-118.0441038
566	per task order	n33	566-253	33.8929703	-118.0449384
566	per task order	n34	566-254	33.8934429	-118.0457954
566	per task order	n35	566-255	33.8936374	-118.0461739
566	per task order	n36	566-256	33.8960706	-118.0506828
566	per task order	n37	566-257	33.8970287	-118.0524441
566	per task order	n38	566-258	33.8980309	-118.0544433
566	per task order	n39	566-259	33.8982801	-118.0548117
566	per task order	n40	566-260	33.8986295	-118.055433
566	per task order	n41	566-261	33.8990747	-118.0562281
566	per task order	n42	566-262	33.8994804	-118.0570219
566	per task order	n43	566-263	33.8999176	-118.0578027
566	per task order	n44	566-264	33.9004644	-118.0586081
566	per task order	n45	566-265	33.9010326	-118.0594489
566	per task order	n46	566-266	33.9016099	-118.0602244
566	per task order	n47	566-267	33.9021062	-118.0608781
566	per task order	n48	566-268	33.9026929	-118.0616764
566	per task order	n49	566-269	33.9032383	-118.0624394
566	per task order	n50	566-270	33.9038248	-118.0632006
566	per task order	n51	566-271	33.9043977	-118.0639577
566	per task order	n52	566-272	33.9047491	-118.0643897
566	per task order	n53	566-273	33.9055335	-118.0652496
566	per task order	n54	566-274	33.906152	-118.0659115
566	per task order	n55	566-275	33.9067551	-118.0665733
566	per task order	n56	566-276	33.9073837	-118.0672229
566	per task order	n57	566-277	33.9080213	-118.0678396
566	per task order	n58	566-278	33.9086489	-118.0684702
566	per task order	n59	566-279	33.9092911	-118.0691171
566	per task order	n60	566-280	33.9099191	-118.069756
566	per task order	n61	566-281	33.9105111	-118.0704483
566	per task order	n62	566-282	33.9110822	-118.0711848
566	per task order	n63	566-283	33.9113108	-118.0715837
566	per task order	n64	566-284	33.9116378	-118.0721452

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566	per task order	n65	566-285	33.9120874	-118.0729211
566	per task order	n66	566-286	33.9125206	-118.0737078
566	per task order	n67	566-287	33.9129558	-118.074569
566	per task order	n68	566-288	33.9133942	-118.0753831
566	per task order	n69	566-289	33.9138571	-118.0761685
566	per task order	n70	566-290	33.9143301	-118.0769551
566	per task order	n71	566-291	33.9151684	-118.077995
566	per task order	n72	566-292	33.9156279	-118.0784285
566	per task order	n73	566-293	33.9162607	-118.0790352
566	per task order	n74	566-294	33.9174791	-118.0799127
566	per task order	n75	566-295	33.9181595	-118.080286
566	per task order	n76	566-296	33.9188257	-118.0808314
566	per task order	n77	566-297	33.9195694	-118.0813803
566	per task order	n78	566-298	33.9206522	-118.082136
566	per task order	n79	566-299	33.9213038	-118.0825909
566	per task order	n80	566-300	33.922021	-118.0830574
566	per task order	n81	566-301	33.9226648	-118.0835438
566	per task order	n82	566-302	33.9233139	-118.0840052
566	per task order	n83	566-303	33.9239427	-118.084455
566	per task order	n84	566-304	33.92462	-118.0849111
566	per task order	n85	566-305	33.9253029	-118.0854147
566	per task order	n86	566-306	33.9259798	-118.0858848
566	per task order	n87	566-307	33.9266392	-118.086357
566	per task order	n88	566-308	33.927256	-118.0867827
566	per task order	n89	566-309	33.9278612	-118.0872147
566	per task order	n90	566-310	33.9285109	-118.0876747
566	per task order	n91	566-311	33.9291881	-118.088152
566	per task order	n92	566-312	33.9309723	-118.0893826
566	per task order	n93	566-313	33.9303994	-118.088967
566	per task order	n94	566-314	33.9297893	-118.0885651
566	per task order	n95	566-315	33.9315803	-118.0897809
566	per task order	n96	566-316	33.932066	-118.0901389
566	per task order	n97	566-317	33.9332034	-118.090868
566	per task order	n98	566-318	33.9340092	-118.0915478
566	per task order	n99	566-319	33.9345532	-118.0919177
566	per task order	n100	566-320	33.9350861	-118.0922933
566	per task order	n101	566-321	33.9356075	-118.092646

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566	per task order	n102	566-322	33.936147	-118.0929937
566	per task order	n103	566-323	33.9367561	-118.0933642
566	per task order	n104	566-324	33.9373543	-118.0937016
566	per task order	n105	566-325	33.9376206	-118.0940303
566	per task order	n106	566-326	33.9381724	-118.0944068
566	per task order	n107	566-327	33.9386945	-118.0947424
566	per task order	n108	566-328	33.9393501	-118.0951925

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Sample Date	Sample Depth	sample id	test type	value	result units	method detection limit	analysis date	analyte	matrix	lab name
7/9/2002	surface	566-101-0	1. TTLC	1400	mg/kg	5	7/11/2002	Lead	Soil	ATL
7/9/2002	surface	566-101-0	2. STLC		mg/l			Lead	Soil	ATL
7/9/2002	surface	566-101-0	3. STLC-DI		mg/l			Lead	Soil	ATL
7/9/2002	surface	566-101-0	4. TCLP	0.85	mg/l			Lead	Soil	ATL
7/9/2002	surface	566-101-0	5. PH	6.44		0.1	7/11/2002		Soil	ATL
7/9/2002	.3 m	566-101-1	1. TTLC	190	mg/kg	5	7/11/2002	Lead	Soil	ATL
7/9/2002	.3 m	566-101-1	2. STLC	13	mg/l	0.2	7/17/2002	Lead	Soil	ATL
7/9/2002	.3 m	566-101-1	3. STLC-DI	ND	mg/l	0.2	7/16/2002	Lead	Soil	ATL
7/9/2002	.3 m	566-101-1	4. TCLP		mg/l			Lead	Soil	ATL
7/9/2002	.3 m	566-101-1	5. PH						Soil	ATL
7/9/2002	.6 m	566-101-2	1. TTLC	33	mg/kg	5	7/11/2002	Lead	Soil	ATL
7/9/2002	.6 m	566-101-2	2. STLC		mg/l			Lead	Soil	ATL
7/9/2002	.6 m	566-101-2	3. STLC-DI		mg/l			Lead	Soil	ATL
7/9/2002	.6 m	566-101-2	4. TCLP		mg/l			Lead	Soil	ATL
7/9/2002	.6 m	566-101-2	5. PH						Soil	ATL
	.9 m	566-101-3	1. TTLC		mg/kg			Lead	Soil	ATL
	.9 m	566-101-3	2. STLC		mg/l			Lead	Soil	ATL
	.9 m	566-101-3	3. STLC-DI		mg/l			Lead	Soil	ATL
	.9 m	566-101-3	4. TCLP		mg/l			Lead	Soil	ATL
	.9 m	566-101-3	5. PH						Soil	ATL
7/9/2002	surface	566-102-0	1. TTLC	240	mg/kg	5	7/11/2002	Lead	Soil	ATL
7/9/2002	surface	566-102-0	2. STLC	19	mg/l	0.4	7/17/2002	Lead	Soil	ATL
7/9/2002	surface	566-102-0	3. STLC-DI	1.5	mg/l	0.2	7/16/2002	Lead	Soil	ATL
7/9/2002	surface	566-102-0	4. TCLP		mg/l			Lead	Soil	ATL
7/9/2002	surface	566-102-0	5. PH						Soil	ATL
7/9/2002	.3 m	566-102-1	1. TTLC	85	mg/kg	5	7/11/2002	Lead	Soil	ATL
7/9/2002	.3 m	566-102-1	2. STLC	6.6	mg/l	0.2	7/17/2002	Lead	Soil	ATL
7/9/2002	.3 m	566-102-1	3. STLC-DI	0.85	mg/l	0.2	7/16/2002	Lead	Soil	ATL
7/9/2002	.3 m	566-102-1	4. TCLP		mg/l			Lead	Soil	ATL
7/9/2002	.3 m	566-102-1	5. PH						Soil	ATL
7/9/2002	.6 m	566-102-2	1. TTLC	71	mg/kg	5	7/11/2002	Lead	Soil	ATL
7/9/2002	.6 m	566-102-2	2. STLC	5.3	mg/l	0.2	7/17/2002	Lead	Soil	ATL
7/9/2002	.6 m	566-102-2	3. STLC-DI	0.78	mg/l	0.2	7/16/2002	Lead	Soil	ATL
7/9/2002	.6 m	566-102-2	4. TCLP		mg/l			Lead	Soil	ATL
7/9/2002	.6 m	566-102-2	5. PH						Soil	ATL
7/9/2002	.9 m	566-102-3	1. TTLC	76	mg/kg	5	7/11/2002	Lead	Soil	ATL
7/9/2002	.9 m	566-102-3	2. STLC	4.2	mg/l	0.2	7/17/2002	Lead	Soil	ATL
7/9/2002	.9 m	566-102-3	3. STLC-DI		mg/l			Lead	Soil	ATL
7/9/2002	.9 m	566-102-3	4. TCLP		mg/l			Lead	Soil	ATL
7/9/2002	.9 m	566-102-3	5. PH						Soil	ATL
7/9/2002	surface	566-103-0	1. TTLC	750	mg/kg	5	7/11/2002	Lead	Soil	ATL
7/9/2002	surface	566-103-0	2. STLC	52	mg/l	1	7/17/2002	Lead	Soil	ATL
7/9/2002	surface	566-103-0	3. STLC-DI	4.4	mg/l	0.2	7/16/2002	Lead	Soil	ATL
7/9/2002	surface	566-103-0	4. TCLP		mg/l			Lead	Soil	ATL
7/9/2002	surface	566-103-0	5. PH						Soil	ATL
7/9/2002	.3 m	566-103-1	1. TTLC	340	mg/kg	5	7/11/2002	Lead	Soil	ATL
7/9/2002	.3 m	566-103-1	2. STLC	25	mg/l	0.4	7/17/2002	Lead	Soil	ATL
7/9/2002	.3 m	566-103-1	3. STLC-DI	2.5	mg/l	0.2	7/16/2002	Lead	Soil	ATL
7/9/2002	.3 m	566-103-1	4. TCLP		mg/l			Lead	Soil	ATL
7/9/2002	.3 m	566-103-1	5. PH						Soil	ATL
7/9/2002	.6 m	566-103-2	1. TTLC	170	mg/kg	5	7/11/2002	Lead	Soil	ATL
7/9/2002	.6 m	566-103-2	2. STLC	14	mg/l	0.2	7/17/2002	Lead	Soil	ATL
7/9/2002	.6 m	566-103-2	3. STLC-DI	1.9	mg/l	0.2	7/16/2002	Lead	Soil	ATL
7/9/2002	.6 m	566-103-2	4. TCLP		mg/l			Lead	Soil	ATL
7/9/2002	.6 m	566-103-2	5. PH	7.59		0.1	7/11/2002		Soil	ATL
	.9 m	566-103-3	1. TTLC		mg/kg			Lead	Soil	ATL
	.9 m	566-103-3	2. STLC		mg/l			Lead	Soil	ATL
	.9 m	566-103-3	3. STLC-DI		mg/l			Lead	Soil	ATL
	.9 m	566-103-3	4. TCLP		mg/l			Lead	Soil	ATL
	.9 m	566-103-3	5. PH						Soil	ATL

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7/9/2002	surface	566-104-0	1. TTLC	230	mg/kg	5	7/11/2002	Lead	Soil	ATL
7/9/2002	surface	566-104-0	2. STLC	18	mg/l	0.4	7/17/2002	Lead	Soil	ATL
7/9/2002	surface	566-104-0	3. STLC-DI	0.43	mg/l	0.2	7/16/2002	Lead	Soil	ATL
7/9/2002	surface	566-104-0	4. TCLP		mg/l			Lead	Soil	ATL
7/9/2002	surface	566-104-0	5. PH						Soil	ATL
7/9/2002	.3 m	566-104-1	1. TTLC	110	mg/kg	5	7/11/2002	Lead	Soil	ATL
7/9/2002	.3 m	566-104-1	2. STLC	9.1	mg/l	0.2	7/17/2002	Lead	Soil	ATL
7/9/2002	.3 m	566-104-1	3. STLC-DI	0.82	mg/l	0.2	7/16/2002	Lead	Soil	ATL
7/9/2002	.3 m	566-104-1	4. TCLP		mg/l			Lead	Soil	ATL
7/9/2002	.3 m	566-104-1	5. PH						Soil	ATL
7/9/2002	.6 m	566-104-2	1. TTLC	21	mg/kg	5	7/11/2002	Lead	Soil	ATL
7/9/2002	.6 m	566-104-2	2. STLC		mg/l			Lead	Soil	ATL
7/9/2002	.6 m	566-104-2	3. STLC-DI		mg/l			Lead	Soil	ATL
7/9/2002	.6 m	566-104-2	4. TCLP		mg/l			Lead	Soil	ATL
7/9/2002	.6 m	566-104-2	5. PH						Soil	ATL
7/9/2002	.9 m	566-104-3	1. TTLC	32	mg/kg	5	7/11/2002	Lead	Soil	ATL
7/9/2002	.9 m	566-104-3	2. STLC		mg/l			Lead	Soil	ATL
7/9/2002	.9 m	566-104-3	3. STLC-DI		mg/l			Lead	Soil	ATL
7/9/2002	.9 m	566-104-3	4. TCLP		mg/l			Lead	Soil	ATL
7/9/2002	.9 m	566-104-3	5. PH						Soil	ATL
7/9/2002	surface	566-105-0	1. TTLC	340	mg/kg	5	7/11/2002	Lead	Soil	ATL
7/9/2002	surface	566-105-0	2. STLC	19	mg/l	0.4	7/17/2002	Lead	Soil	ATL
7/9/2002	surface	566-105-0	3. STLC-DI	ND	mg/l	0.2	7/16/2002	Lead	Soil	ATL
7/9/2002	surface	566-105-0	4. TCLP		mg/l			Lead	Soil	ATL
7/9/2002	surface	566-105-0	5. PH						Soil	ATL
7/9/2002	.3 m	566-105-1	1. TTLC	20	mg/kg	5	7/11/2002	Lead	Soil	ATL
7/9/2002	.3 m	566-105-1	2. STLC		mg/l			Lead	Soil	ATL
7/9/2002	.3 m	566-105-1	3. STLC-DI		mg/l			Lead	Soil	ATL
7/9/2002	.3 m	566-105-1	4. TCLP		mg/l			Lead	Soil	ATL
7/9/2002	.3 m	566-105-1	5. PH						Soil	ATL
7/9/2002	.6 m	566-105-2	1. TTLC	6.6	mg/kg	5	7/11/2002	Lead	Soil	ATL
7/9/2002	.6 m	566-105-2	2. STLC		mg/l			Lead	Soil	ATL
7/9/2002	.6 m	566-105-2	3. STLC-DI		mg/l			Lead	Soil	ATL
7/9/2002	.6 m	566-105-2	4. TCLP		mg/l			Lead	Soil	ATL
7/9/2002	.6 m	566-105-2	5. PH						Soil	ATL
7/9/2002	.9 m	566-105-3	1. TTLC	6.2	mg/kg	5	7/11/2002	Lead	Soil	ATL
7/9/2002	.9 m	566-105-3	2. STLC		mg/l			Lead	Soil	ATL
7/9/2002	.9 m	566-105-3	3. STLC-DI		mg/l			Lead	Soil	ATL
7/9/2002	.9 m	566-105-3	4. TCLP		mg/l			Lead	Soil	ATL
7/9/2002	.9 m	566-105-3	5. PH						Soil	ATL
7/9/2002	surface	566-106-0	1. TTLC	210	mg/kg	5	7/11/2002	Lead	Soil	ATL
7/9/2002	surface	566-106-0	2. STLC	14	mg/l	0.2	7/17/2002	Lead	Soil	ATL
7/9/2002	surface	566-106-0	3. STLC-DI	0.49	mg/l	0.2	7/16/2002	Lead	Soil	ATL
7/9/2002	surface	566-106-0	4. TCLP		mg/l			Lead	Soil	ATL
7/9/2002	surface	566-106-0	5. PH						Soil	ATL
7/9/2002	.3 m	566-106-1	1. TTLC	220	mg/kg	5	7/11/2002	Lead	Soil	ATL
7/9/2002	.3 m	566-106-1	2. STLC	15	mg/l	0.2	7/17/2002	Lead	Soil	ATL
7/9/2002	.3 m	566-106-1	3. STLC-DI	0.42	mg/l	0.2	7/16/2002	Lead	Soil	ATL
7/9/2002	.3 m	566-106-1	4. TCLP		mg/l			Lead	Soil	ATL
7/9/2002	.3 m	566-106-1	5. PH	7.3		0.1	7/11/2002		Soil	ATL
7/9/2002	.6 m	566-106-2	1. TTLC	110	mg/kg	5	7/11/2002	Lead	Soil	ATL
7/9/2002	.6 m	566-106-2	2. STLC	8.1	mg/l	0.2	7/17/2002	Lead	Soil	ATL
7/9/2002	.6 m	566-106-2	3. STLC-DI	0.56	mg/l	0.2	7/16/2002	Lead	Soil	ATL
7/9/2002	.6 m	566-106-2	4. TCLP		mg/l			Lead	Soil	ATL
7/9/2002	.6 m	566-106-2	5. PH						Soil	ATL
7/9/2002	.9 m	566-106-3	1. TTLC	110	mg/kg	5	7/11/2002	Lead	Soil	ATL
7/9/2002	.9 m	566-106-3	2. STLC	5.8	mg/l	0.2	7/17/2002	Lead	Soil	ATL
7/9/2002	.9 m	566-106-3	3. STLC-DI	ND	mg/l	0.2	7/16/2002	Lead	Soil	ATL
7/9/2002	.9 m	566-106-3	4. TCLP	364	mg/l			Lead	Soil	ATL
7/9/2002	.9 m	566-106-3	5. PH						Soil	ATL
7/9/2002	surface	566-107-0	1. TTLC	57	mg/kg	5	7/11/2002	Lead	Soil	ATL

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7/9/2002	surface	566-107-0	2. STLC	5.7	mg/l	0.2	7/17/2002	Lead	Soil	ATL
7/9/2002	surface	566-107-0	3. STLC-DI	ND	mg/l	0.2	7/16/2002	Lead	Soil	ATL
7/9/2002	surface	566-107-0	4. TCLP		mg/l			Lead	Soil	ATL
7/9/2002	surface	566-107-0	5. PH						Soil	ATL
7/9/2002	.3 m	566-107-1	1. TTLC	70	mg/kg	5	7/11/2002	Lead	Soil	ATL
7/9/2002	.3 m	566-107-1	2. STLC	3.7	mg/l	0.2	7/17/2002	Lead	Soil	ATL
7/9/2002	.3 m	566-107-1	3. STLC-DI		mg/l			Lead	Soil	ATL
7/9/2002	.3 m	566-107-1	4. TCLP		mg/l			Lead	Soil	ATL
7/9/2002	.3 m	566-107-1	5. PH						Soil	ATL
7/9/2002	.6 m	566-107-2	1. TTLC	13	mg/kg	5	7/11/2002	Lead	Soil	ATL
7/9/2002	.6 m	566-107-2	2. STLC		mg/l			Lead	Soil	ATL
7/9/2002	.6 m	566-107-2	3. STLC-DI		mg/l			Lead	Soil	ATL
7/9/2002	.6 m	566-107-2	4. TCLP		mg/l			Lead	Soil	ATL
7/9/2002	.6 m	566-107-2	5. PH						Soil	ATL
7/9/2002	.9 m	566-107-3	1. TTLC	5.3	mg/kg	5	7/11/2002	Lead	Soil	ATL
7/9/2002	.9 m	566-107-3	2. STLC		mg/l			Lead	Soil	ATL
7/9/2002	.9 m	566-107-3	3. STLC-DI		mg/l			Lead	Soil	ATL
7/9/2002	.9 m	566-107-3	4. TCLP		mg/l			Lead	Soil	ATL
7/9/2002	.9 m	566-107-3	5. PH						Soil	ATL
7/9/2002	surface	566-108-0	1. TTLC	310	mg/kg	5	7/11/2002	Lead	Soil	ATL
7/9/2002	surface	566-108-0	2. STLC	21	mg/l	0.4	7/17/2002	Lead	Soil	ATL
7/9/2002	surface	566-108-0	3. STLC-DI	ND	mg/l	0.2	7/16/2002	Lead	Soil	ATL
7/9/2002	surface	566-108-0	4. TCLP		mg/l			Lead	Soil	ATL
7/9/2002	surface	566-108-0	5. PH						Soil	ATL
7/9/2002	.3 m	566-108-1	1. TTLC	490	mg/kg	5	7/11/2002	Lead	Soil	ATL
7/9/2002	.3 m	566-108-1	2. STLC	35	mg/l	0.8	7/17/2002	Lead	Soil	ATL
7/9/2002	.3 m	566-108-1	3. STLC-DI	ND	mg/l	0.2	7/16/2002	Lead	Soil	ATL
7/9/2002	.3 m	566-108-1	4. TCLP		mg/l			Lead	Soil	ATL
7/9/2002	.3 m	566-108-1	5. PH						Soil	ATL
7/9/2002	.6 m	566-108-2	1. TTLC		mg/kg			Lead	Soil	ATL
7/9/2002	.6 m	566-108-2	2. STLC		mg/l			Lead	Soil	ATL
7/9/2002	.6 m	566-108-2	3. STLC-DI		mg/l			Lead	Soil	ATL
7/9/2002	.6 m	566-108-2	4. TCLP		mg/l			Lead	Soil	ATL
7/9/2002	.6 m	566-108-2	5. PH						Soil	ATL
7/9/2002	.9 m	566-108-3	1. TTLC		mg/kg			Lead	Soil	ATL
7/9/2002	.9 m	566-108-3	2. STLC		mg/l			Lead	Soil	ATL
7/9/2002	.9 m	566-108-3	3. STLC-DI		mg/l			Lead	Soil	ATL
7/9/2002	.9 m	566-108-3	4. TCLP		mg/l			Lead	Soil	ATL
7/9/2002	.9 m	566-108-3	5. PH						Soil	ATL
7/9/2002	surface	566-109-0	1. TTLC	220	mg/kg	5	7/11/2002	Lead	Soil	ATL
7/9/2002	surface	566-109-0	2. STLC	18	mg/l	0.4	7/17/2002	Lead	Soil	ATL
7/9/2002	surface	566-109-0	3. STLC-DI	ND	mg/l	0.2	7/16/2002	Lead	Soil	ATL
7/9/2002	surface	566-109-0	4. TCLP		mg/l			Lead	Soil	ATL
7/9/2002	surface	566-109-0	5. PH						Soil	ATL
7/9/2002	.3 m	566-109-1	1. TTLC	91	mg/kg	5	7/11/2002	Lead	Soil	ATL
7/9/2002	.3 m	566-109-1	2. STLC	4.1	mg/l	0.2	7/17/2002	Lead	Soil	ATL
7/9/2002	.3 m	566-109-1	3. STLC-DI		mg/l			Lead	Soil	ATL
7/9/2002	.3 m	566-109-1	4. TCLP		mg/l			Lead	Soil	ATL
7/9/2002	.3 m	566-109-1	5. PH	7.95		0.1	7/11/2002		Soil	ATL
7/9/2002	.6 m	566-109-2	1. TTLC	76	mg/kg	5	7/11/2002	Lead	Soil	ATL
7/9/2002	.6 m	566-109-2	2. STLC	5	mg/l	0.2	7/17/2002	Lead	Soil	ATL
7/9/2002	.6 m	566-109-2	3. STLC-DI	ND	mg/l	0.2	7/16/2002	Lead	Soil	ATL
7/9/2002	.6 m	566-109-2	4. TCLP		mg/l			Lead	Soil	ATL
7/9/2002	.6 m	566-109-2	5. PH						Soil	ATL
7/9/2002	.9 m	566-109-3	1. TTLC	9	mg/kg	5	7/11/2002	Lead	Soil	ATL
7/9/2002	.9 m	566-109-3	2. STLC		mg/l			Lead	Soil	ATL
7/9/2002	.9 m	566-109-3	3. STLC-DI		mg/l			Lead	Soil	ATL
7/9/2002	.9 m	566-109-3	4. TCLP		mg/l			Lead	Soil	ATL
7/9/2002	.9 m	566-109-3	5. PH						Soil	ATL
7/9/2002	surface	566-110-0	1. TTLC	200	mg/kg	5	7/11/2002	Lead	Soil	ATL
7/9/2002	surface	566-110-0	2. STLC	11	mg/l	0.2	7/17/2002	Lead	Soil	ATL

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7/9/2002	surface	566-110-0	3. STLC-DI	0.43	mg/l	0.2	7/16/2002	Lead	Soil	ATL
7/9/2002	surface	566-110-0	4. TCLP		mg/l			Lead	Soil	ATL
7/9/2002	surface	566-110-0	5. PH						Soil	ATL
7/9/2002	.3 m	566-110-1	1. TTLC	130	mg/kg	5	7/11/2002	Lead	Soil	ATL
7/9/2002	.3 m	566-110-1	2. STLC	6.3	mg/l	0.2	7/17/2002	Lead	Soil	ATL
7/9/2002	.3 m	566-110-1	3. STLC-DI	0.61	mg/l	0.2	7/16/2002	Lead	Soil	ATL
7/9/2002	.3 m	566-110-1	4. TCLP		mg/l			Lead	Soil	ATL
7/9/2002	.3 m	566-110-1	5. PH						Soil	ATL
7/9/2002	.6 m	566-110-2	1. TTLC	23	mg/kg	5	7/11/2002	Lead	Soil	ATL
7/9/2002	.6 m	566-110-2	2. STLC		mg/l			Lead	Soil	ATL
7/9/2002	.6 m	566-110-2	3. STLC-DI		mg/l			Lead	Soil	ATL
7/9/2002	.6 m	566-110-2	4. TCLP		mg/l			Lead	Soil	ATL
7/9/2002	.6 m	566-110-2	5. PH						Soil	ATL
7/9/2002	.9 m	566-110-3	1. TTLC	5.6	mg/kg	5	7/11/2002	Lead	Soil	ATL
7/9/2002	.9 m	566-110-3	2. STLC		mg/l			Lead	Soil	ATL
7/9/2002	.9 m	566-110-3	3. STLC-DI		mg/l			Lead	Soil	ATL
7/9/2002	.9 m	566-110-3	4. TCLP		mg/l			Lead	Soil	ATL
7/9/2002	.9 m	566-110-3	5. PH						Soil	ATL
7/9/2002	surface	566-111-0	1. TTLC	300	mg/kg	5	7/11/2002	Lead	Soil	ATL
7/9/2002	surface	566-111-0	2. STLC	17	mg/l	0.4	7/17/2002	Lead	Soil	ATL
7/9/2002	surface	566-111-0	3. STLC-DI	ND	mg/l	0.2	7/16/2002	Lead	Soil	ATL
7/9/2002	surface	566-111-0	4. TCLP		mg/l			Lead	Soil	ATL
7/9/2002	surface	566-111-0	5. PH						Soil	ATL
7/9/2002	.3 m	566-111-1	1. TTLC	75	mg/kg	5	7/11/2002	Lead	Soil	ATL
7/9/2002	.3 m	566-111-1	2. STLC	3.1	mg/l	0.2	7/17/2002	Lead	Soil	ATL
7/9/2002	.3 m	566-111-1	3. STLC-DI		mg/l			Lead	Soil	ATL
7/9/2002	.3 m	566-111-1	4. TCLP		mg/l			Lead	Soil	ATL
7/9/2002	.3 m	566-111-1	5. PH						Soil	ATL
7/9/2002	.6 m	566-111-2	1. TTLC	6	mg/kg	5	7/11/2002	Lead	Soil	ATL
7/9/2002	.6 m	566-111-2	2. STLC		mg/l			Lead	Soil	ATL
7/9/2002	.6 m	566-111-2	3. STLC-DI		mg/l			Lead	Soil	ATL
7/9/2002	.6 m	566-111-2	4. TCLP		mg/l			Lead	Soil	ATL
7/9/2002	.6 m	566-111-2	5. PH						Soil	ATL
7/9/2002	.9 m	566-111-3	1. TTLC	6	mg/kg	5	7/11/2002	Lead	Soil	ATL
7/9/2002	.9 m	566-111-3	2. STLC		mg/l			Lead	Soil	ATL
7/9/2002	.9 m	566-111-3	3. STLC-DI		mg/l			Lead	Soil	ATL
7/9/2002	.9 m	566-111-3	4. TCLP		mg/l			Lead	Soil	ATL
7/9/2002	.9 m	566-111-3	5. PH	8.23		0.1	7/11/2002		Soil	ATL
7/9/2002	surface	566-112-0	1. TTLC	1100	mg/kg	5	7/11/2002	Lead	Soil	ATL
7/9/2002	surface	566-112-0	2. STLC		mg/l			Lead	Soil	ATL
7/9/2002	surface	566-112-0	3. STLC-DI		mg/l			Lead	Soil	ATL
7/9/2002	surface	566-112-0	4. TCLP	1.8	mg/l	0.2	7/16/2002	Lead	Soil	ATL
7/9/2002	surface	566-112-0	5. PH						Soil	ATL
7/9/2002	.3 m	566-112-1	1. TTLC	47	mg/kg	5	7/11/2002	Lead	Soil	ATL
7/9/2002	.3 m	566-112-1	2. STLC		mg/l			Lead	Soil	ATL
7/9/2002	.3 m	566-112-1	3. STLC-DI		mg/l			Lead	Soil	ATL
7/9/2002	.3 m	566-112-1	4. TCLP		mg/l			Lead	Soil	ATL
7/9/2002	.3 m	566-112-1	5. PH						Soil	ATL
7/9/2002	.6 m	566-112-2	1. TTLC	40	mg/kg	5	7/11/2002	Lead	Soil	ATL
7/9/2002	.6 m	566-112-2	2. STLC		mg/l			Lead	Soil	ATL
7/9/2002	.6 m	566-112-2	3. STLC-DI		mg/l			Lead	Soil	ATL
7/9/2002	.6 m	566-112-2	4. TCLP		mg/l			Lead	Soil	ATL
7/9/2002	.6 m	566-112-2	5. PH						Soil	ATL
7/9/2002	.9 m	566-112-3	1. TTLC	7.2	mg/kg	5	7/11/2002	Lead	Soil	ATL
7/9/2002	.9 m	566-112-3	2. STLC		mg/l			Lead	Soil	ATL
7/9/2002	.9 m	566-112-3	3. STLC-DI		mg/l			Lead	Soil	ATL
7/9/2002	.9 m	566-112-3	4. TCLP		mg/l			Lead	Soil	ATL
7/9/2002	.9 m	566-112-3	5. PH						Soil	ATL
7/10/2002	surface	566-113-0	1. TTLC	110	mg/kg	5	7/15/2002	Lead	Soil	ATL
7/10/2002	surface	566-113-0	2. STLC	5.4	mg/l	0.2	7/23/2002	Lead	Soil	ATL
7/10/2002	surface	566-113-0	3. STLC-DI	ND	mg/l	0.2	7/22/2002	Lead	Soil	ATL

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7/10/2002	surface	566-113-0	4. TCLP		mg/l			7/12/2002	Lead	Soil	ATL
7/10/2002	surface	566-113-0	5. PH	6.73		0.1				Soil	ATL
7/10/2002	.3 m	566-113-1	1. TTLC	160	mg/kg	5		7/15/2002	Lead	Soil	ATL
7/10/2002	.3 m	566-113-1	2. STLC	12	mg/l	0.2		7/23/2002	Lead	Soil	ATL
7/10/2002	.3 m	566-113-1	3. STLC-DI	ND	mg/l	0.2		7/23/2002	Lead	Soil	ATL
7/10/2002	.3 m	566-113-1	4. TCLP		mg/l				Lead	Soil	ATL
7/10/2002	.3 m	566-113-1	5. PH							Soil	ATL
7/10/2002	.6 m	566-113-2	1. TTLC	300	mg/kg	5		7/15/2002	Lead	Soil	ATL
7/10/2002	.6 m	566-113-2	2. STLC	23	mg/l	0.4		7/23/2002	Lead	Soil	ATL
7/10/2002	.6 m	566-113-2	3. STLC-DI	ND	mg/l	0.2		7/22/2002	Lead	Soil	ATL
7/10/2002	.6 m	566-113-2	4. TCLP		mg/l				Lead	Soil	ATL
7/10/2002	.6 m	566-113-2	5. PH							Soil	ATL
7/10/2002	.9 m	566-113-3	1. TTLC	25	mg/kg	5		7/15/2002	Lead	Soil	ATL
7/10/2002	.9 m	566-113-3	2. STLC		mg/l				Lead	Soil	ATL
7/10/2002	.9 m	566-113-3	3. STLC-DI		mg/l				Lead	Soil	ATL
7/10/2002	.9 m	566-113-3	4. TCLP		mg/l				Lead	Soil	ATL
7/10/2002	.9 m	566-113-3	5. PH							Soil	ATL
7/10/2002	surface	566-114-0	1. TTLC	86	mg/kg	5		7/15/2002	Lead	Soil	ATL
7/10/2002	surface	566-114-0	2. STLC	5.6	mg/l	0.2		7/23/2002	Lead	Soil	ATL
7/10/2002	surface	566-114-0	3. STLC-DI	ND	mg/l	0.2		7/22/2002	Lead	Soil	ATL
7/10/2002	surface	566-114-0	4. TCLP		mg/l				Lead	Soil	ATL
7/10/2002	surface	566-114-0	5. PH							Soil	ATL
7/10/2002	.3 m	566-114-1	1. TTLC	61	mg/kg	5		7/15/2002	Lead	Soil	ATL
7/10/2002	.3 m	566-114-1	2. STLC	3.3	mg/l	0.2		7/23/2002	Lead	Soil	ATL
7/10/2002	.3 m	566-114-1	3. STLC-DI		mg/l				Lead	Soil	ATL
7/10/2002	.3 m	566-114-1	4. TCLP		mg/l				Lead	Soil	ATL
7/10/2002	.3 m	566-114-1	5. PH							Soil	ATL
7/10/2002	.6 m	566-114-2	1. TTLC	5.5	mg/kg	5		7/15/2002	Lead	Soil	ATL
7/10/2002	.6 m	566-114-2	2. STLC		mg/l				Lead	Soil	ATL
7/10/2002	.6 m	566-114-2	3. STLC-DI		mg/l				Lead	Soil	ATL
7/10/2002	.6 m	566-114-2	4. TCLP		mg/l				Lead	Soil	ATL
7/10/2002	.6 m	566-114-2	5. PH							Soil	ATL
7/10/2002	.9 m	566-114-3	1. TTLC	21	mg/kg	5		7/15/2002	Lead	Soil	ATL
7/10/2002	.9 m	566-114-3	2. STLC		mg/l				Lead	Soil	ATL
7/10/2002	.9 m	566-114-3	3. STLC-DI		mg/l				Lead	Soil	ATL
7/10/2002	.9 m	566-114-3	4. TCLP		mg/l				Lead	Soil	ATL
7/10/2002	.9 m	566-114-3	5. PH							Soil	ATL
7/10/2002	surface	566-115-0	1. TTLC	360	mg/kg	5		7/15/2002	Lead	Soil	ATL
7/10/2002	surface	566-115-0	2. STLC	25	mg/l	0.4		7/23/2002	Lead	Soil	ATL
7/10/2002	surface	566-115-0	3. STLC-DI	0.27	mg/l	0.2		7/22/2002	Lead	Soil	ATL
7/10/2002	surface	566-115-0	4. TCLP		mg/l				Lead	Soil	ATL
7/10/2002	surface	566-115-0	5. PH							Soil	ATL
7/10/2002	.3 m	566-115-1	1. TTLC	390	mg/kg	5		7/15/2002	Lead	Soil	ATL
7/10/2002	.3 m	566-115-1	2. STLC	29	mg/l	0.4		7/23/2002	Lead	Soil	ATL
7/10/2002	.3 m	566-115-1	3. STLC-DI	1.4	mg/l	0.2		7/22/2002	Lead	Soil	ATL
7/10/2002	.3 m	566-115-1	4. TCLP		mg/l				Lead	Soil	ATL
7/10/2002	.3 m	566-115-1	5. PH	6.65		0.1		7/11/2002		Soil	ATL
7/10/2002	.6 m	566-115-2	1. TTLC	260	mg/kg	5		7/15/2002	Lead	Soil	ATL
7/10/2002	.6 m	566-115-2	2. STLC	22	mg/l	0.4		7/23/2002	Lead	Soil	ATL
7/10/2002	.6 m	566-115-2	3. STLC-DI	0.58	mg/l	0.2		7/22/2002	Lead	Soil	ATL
7/10/2002	.6 m	566-115-2	4. TCLP		mg/l				Lead	Soil	ATL
7/10/2002	.6 m	566-115-2	5. PH							Soil	ATL
7/10/2002	.9 m	566-115-3	1. TTLC	99	mg/kg	5		7/15/2002	Lead	Soil	ATL
7/10/2002	.9 m	566-115-3	2. STLC	8.3	mg/l	0.2		7/23/2002	Lead	Soil	ATL
7/10/2002	.9 m	566-115-3	3. STLC-DI	0.33	mg/l	0.2		7/22/2002	Lead	Soil	ATL
7/10/2002	.9 m	566-115-3	4. TCLP		mg/l				Lead	Soil	ATL
7/10/2002	.9 m	566-115-3	5. PH							Soil	ATL
7/10/2002	surface	566-116-0	1. TTLC	490	mg/kg	5		7/15/2002	Lead	Soil	ATL
7/10/2002	surface	566-116-0	2. STLC	38	mg/l	0.8		7/23/2002	Lead	Soil	ATL
7/10/2002	surface	566-116-0	3. STLC-DI	0.32	mg/l	0.2		7/22/2002	Lead	Soil	ATL
7/10/2002	surface	566-116-0	4. TCLP						Lead	Soil	ATL

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7/10/2002	surface	566-116-0	5. PH						Soil	ATL	
7/10/2002	.3 m	566-116-1	1. TTLC	150	mg/kg	5		7/15/2002	Lead	Soil	ATL
7/10/2002	.3 m	566-116-1	2. STLC	10	mg/l	0.2		7/23/2002	Lead	Soil	ATL
7/10/2002	.3 m	566-116-1	3. STLC-DI	ND	mg/l	0.2		7/22/2002	Lead	Soil	ATL
7/10/2002	.3 m	566-116-1	4. TCLP		mg/l				Lead	Soil	ATL
7/10/2002	.3 m	566-116-1	5. PH							Soil	ATL
7/10/2002	.6 m	566-116-2	1. TTLC	130	mg/kg	5		7/15/2002	Lead	Soil	ATL
7/10/2002	.6 m	566-116-2	2. STLC	9	mg/l	0.2		7/23/2002	Lead	Soil	ATL
7/10/2002	.6 m	566-116-2	3. STLC-DI	ND	mg/l	0.2		7/22/2002	Lead	Soil	ATL
7/10/2002	.6 m	566-116-2	4. TCLP		mg/l				Lead	Soil	ATL
7/10/2002	.6 m	566-116-2	5. PH							Soil	ATL
7/10/2002	.9 m	566-116-3	1. TTLC	54	mg/kg	5		7/15/2002	Lead	Soil	ATL
7/10/2002	.9 m	566-116-3	2. STLC	3.4	mg/l	0.2		7/23/2002	Lead	Soil	ATL
7/10/2002	.9 m	566-116-3	3. STLC-DI		mg/l				Lead	Soil	ATL
7/10/2002	.9 m	566-116-3	4. TCLP		mg/l				Lead	Soil	ATL
7/10/2002	.9 m	566-116-3	5. PH							Soil	ATL
7/10/2002	surface	566-117-0	1. TTLC	49	mg/kg	5		7/15/2002	Lead	Soil	ATL
7/10/2002	surface	566-117-0	2. STLC		mg/l				Lead	Soil	ATL
7/10/2002	surface	566-117-0	3. STLC-DI		mg/l				Lead	Soil	ATL
7/10/2002	surface	566-117-0	4. TCLP		mg/l				Lead	Soil	ATL
7/10/2002	surface	566-117-0	5. PH							Soil	ATL
7/10/2002	.3 m	566-117-1	1. TTLC	45	mg/kg	5		7/15/2002	Lead	Soil	ATL
7/10/2002	.3 m	566-117-1	2. STLC		mg/l				Lead	Soil	ATL
7/10/2002	.3 m	566-117-1	3. STLC-DI		mg/l				Lead	Soil	ATL
7/10/2002	.3 m	566-117-1	4. TCLP		mg/l				Lead	Soil	ATL
7/10/2002	.3 m	566-117-1	5. PH							Soil	ATL
7/10/2002	.6 m	566-117-2	1. TTLC	45	mg/kg	5		7/15/2002	Lead	Soil	ATL
7/10/2002	.6 m	566-117-2	2. STLC		mg/l				Lead	Soil	ATL
7/10/2002	.6 m	566-117-2	3. STLC-DI		mg/l				Lead	Soil	ATL
7/10/2002	.6 m	566-117-2	4. TCLP		mg/l				Lead	Soil	ATL
7/10/2002	.6 m	566-117-2	5. PH							Soil	ATL
7/10/2002	.9 m	566-117-3	1. TTLC	45	mg/kg	5		7/15/2002	Lead	Soil	ATL
7/10/2002	.9 m	566-117-3	2. STLC		mg/l				Lead	Soil	ATL
7/10/2002	.9 m	566-117-3	3. STLC-DI		mg/l				Lead	Soil	ATL
7/10/2002	.9 m	566-117-3	4. TCLP		mg/l				Lead	Soil	ATL
7/10/2002	.9 m	566-117-3	5. PH	8.11		0.1		7/11/2002		Soil	ATL
7/10/2002	surface	566-118-0	1. TTLC	73	mg/kg	5		7/15/2002	Lead	Soil	ATL
7/10/2002	surface	566-118-0	2. STLC	4.1	mg/l	0.2		7/23/2002	Lead	Soil	ATL
7/10/2002	surface	566-118-0	3. STLC-DI		mg/l				Lead	Soil	ATL
7/10/2002	surface	566-118-0	4. TCLP		mg/l				Lead	Soil	ATL
7/10/2002	surface	566-118-0	5. PH							Soil	ATL
7/10/2002	.3 m	566-118-1	1. TTLC	20	mg/kg	5		7/15/2002	Lead	Soil	ATL
7/10/2002	.3 m	566-118-1	2. STLC		mg/l				Lead	Soil	ATL
7/10/2002	.3 m	566-118-1	3. STLC-DI		mg/l				Lead	Soil	ATL
7/10/2002	.3 m	566-118-1	4. TCLP		mg/l				Lead	Soil	ATL
7/10/2002	.3 m	566-118-1	5. PH							Soil	ATL
7/10/2002	.6 m	566-118-2	1. TTLC	8.7	mg/kg	5		7/15/2002	Lead	Soil	ATL
7/10/2002	.6 m	566-118-2	2. STLC		mg/l				Lead	Soil	ATL
7/10/2002	.6 m	566-118-2	3. STLC-DI		mg/l				Lead	Soil	ATL
7/10/2002	.6 m	566-118-2	4. TCLP		mg/l				Lead	Soil	ATL
7/10/2002	.6 m	566-118-2	5. PH							Soil	ATL
7/10/2002	.9 m	566-118-3	1. TTLC	12	mg/kg	5		7/15/2002	Lead	Soil	ATL
7/10/2002	.9 m	566-118-3	2. STLC		mg/l				Lead	Soil	ATL
7/10/2002	.9 m	566-118-3	3. STLC-DI		mg/l				Lead	Soil	ATL
7/10/2002	.9 m	566-118-3	4. TCLP		mg/l				Lead	Soil	ATL
7/10/2002	.9 m	566-118-3	5. PH							Soil	ATL
7/10/2002	surface	566-119-0	1. TTLC	240	mg/kg	5		7/15/2002	Lead	Soil	ATL
7/10/2002	surface	566-119-0	2. STLC	19	mg/l	0.4		7/23/2002	Lead	Soil	ATL
7/10/2002	surface	566-119-0	3. STLC-DI	0.27	mg/l	0.2		7/22/2002	Lead	Soil	ATL
7/10/2002	surface	566-119-0	4. TCLP		mg/l				Lead	Soil	ATL
7/10/2002	surface	566-119-0	5. PH							Soil	ATL

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7/10/2002	.3 m	566-119-1	1. TTLC	130	mg/kg	5	7/15/2002	Lead	Soil	ATL
7/10/2002	.3 m	566-119-1	2. STLC	8.3	mg/l	0.2	7/23/2002	Lead	Soil	ATL
7/10/2002	.3 m	566-119-1	3. STLC-DI	ND	mg/l	0.2	7/22/2002	Lead	Soil	ATL
7/10/2002	.3 m	566-119-1	4. TCLP		mg/l			Lead	Soil	ATL
7/10/2002	.3 m	566-119-1	5. PH					Lead	Soil	ATL
7/10/2002	.6 m	566-119-2	1. TTLC	30	mg/kg	5	7/15/2002	Lead	Soil	ATL
7/10/2002	.6 m	566-119-2	2. STLC		mg/l			Lead	Soil	ATL
7/10/2002	.6 m	566-119-2	3. STLC-DI		mg/l			Lead	Soil	ATL
7/10/2002	.6 m	566-119-2	4. TCLP		mg/l			Lead	Soil	ATL
7/10/2002	.6 m	566-119-2	5. PH					Lead	Soil	ATL
7/10/2002	.9 m	566-119-3	1. TTLC	65	mg/kg	5	7/15/2002	Lead	Soil	ATL
7/10/2002	.9 m	566-119-3	2. STLC	6.1	mg/l	0.2	7/23/2002	Lead	Soil	ATL
7/10/2002	.9 m	566-119-3	3. STLC-DI	ND	mg/l	0.2	7/22/2002	Lead	Soil	ATL
7/10/2002	.9 m	566-119-3	4. TCLP		mg/l			Lead	Soil	ATL
7/10/2002	.9 m	566-119-3	5. PH					Lead	Soil	ATL
7/10/2002	surface	566-120-0	1. TTLC	91	mg/kg	5	7/15/2002	Lead	Soil	ATL
7/10/2002	surface	566-120-0	2. STLC	7.1	mg/l	0.2	7/23/2002	Lead	Soil	ATL
7/10/2002	surface	566-120-0	3. STLC-DI	ND	mg/l	0.2	7/22/2002	Lead	Soil	ATL
7/10/2002	surface	566-120-0	4. TCLP		mg/l			Lead	Soil	ATL
7/10/2002	surface	566-120-0	5. PH					Lead	Soil	ATL
7/10/2002	.3 m	566-120-1	1. TTLC	160	mg/kg	5	7/15/2002	Lead	Soil	ATL
7/10/2002	.3 m	566-120-1	2. STLC	14	mg/l	0.2	7/23/2002	Lead	Soil	ATL
7/10/2002	.3 m	566-120-1	3. STLC-DI	0.3	mg/l	0.2	7/22/2002	Lead	Soil	ATL
7/10/2002	.3 m	566-120-1	4. TCLP		mg/l			Lead	Soil	ATL
7/10/2002	.3 m	566-120-1	5. PH	8.58		0.1	7/11/2002	Lead	Soil	ATL
7/10/2002	.6 m	566-120-2	1. TTLC	44	mg/kg	5	7/15/2002	Lead	Soil	ATL
7/10/2002	.6 m	566-120-2	2. STLC		mg/l			Lead	Soil	ATL
7/10/2002	.6 m	566-120-2	3. STLC-DI		mg/l			Lead	Soil	ATL
7/10/2002	.6 m	566-120-2	4. TCLP		mg/l			Lead	Soil	ATL
7/10/2002	.6 m	566-120-2	5. PH					Lead	Soil	ATL
7/10/2002	.9 m	566-120-3	1. TTLC	15	mg/kg	5	7/15/2002	Lead	Soil	ATL
7/10/2002	.9 m	566-120-3	2. STLC		mg/l			Lead	Soil	ATL
7/10/2002	.9 m	566-120-3	3. STLC-DI		mg/l			Lead	Soil	ATL
7/10/2002	.9 m	566-120-3	4. TCLP		mg/l			Lead	Soil	ATL
7/10/2002	.9 m	566-120-3	5. PH					Lead	Soil	ATL
7/10/2002	surface	566-121-0	1. TTLC	470	mg/kg	5	7/15/2002	Lead	Soil	ATL
7/10/2002	surface	566-121-0	2. STLC	19	mg/l	0.4	7/23/2002	Lead	Soil	ATL
7/10/2002	surface	566-121-0	3. STLC-DI	0.37	mg/l	0.2	7/22/2002	Lead	Soil	ATL
7/10/2002	surface	566-121-0	4. TCLP		mg/l			Lead	Soil	ATL
7/10/2002	surface	566-121-0	5. PH					Lead	Soil	ATL
7/10/2002	.3 m	566-121-1	1. TTLC	210	mg/kg	5	7/15/2002	Lead	Soil	ATL
7/10/2002	.3 m	566-121-1	2. STLC	18	mg/l	0.4	7/23/2002	Lead	Soil	ATL
7/10/2002	.3 m	566-121-1	3. STLC-DI	0.37	mg/l	0.2	7/22/2002	Lead	Soil	ATL
7/10/2002	.3 m	566-121-1	4. TCLP		mg/l			Lead	Soil	ATL
7/10/2002	.3 m	566-121-1	5. PH					Lead	Soil	ATL
7/10/2002	.6 m	566-121-2	1. TTLC	24	mg/kg	5	7/15/2002	Lead	Soil	ATL
7/10/2002	.6 m	566-121-2	2. STLC		mg/l			Lead	Soil	ATL
7/10/2002	.6 m	566-121-2	3. STLC-DI		mg/l			Lead	Soil	ATL
7/10/2002	.6 m	566-121-2	4. TCLP		mg/l			Lead	Soil	ATL
7/10/2002	.6 m	566-121-2	5. PH					Lead	Soil	ATL
7/10/2002	.9 m	566-121-3	1. TTLC	11	mg/kg	5	7/15/2002	Lead	Soil	ATL
7/10/2002	.9 m	566-121-3	2. STLC		mg/l			Lead	Soil	ATL
7/10/2002	.9 m	566-121-3	3. STLC-DI		mg/l			Lead	Soil	ATL
7/10/2002	.9 m	566-121-3	4. TCLP		mg/l			Lead	Soil	ATL
7/10/2002	.9 m	566-121-3	5. PH					Lead	Soil	ATL
7/10/2002	surface	566-122-0	1. TTLC	93	mg/kg	5	7/15/2002	Lead	Soil	ATL
7/10/2002	surface	566-122-0	2. STLC	5.3	mg/l	0.2	7/23/2002	Lead	Soil	ATL
7/10/2002	surface	566-122-0	3. STLC-DI	ND	mg/l	0.2	7/22/2002	Lead	Soil	ATL
7/10/2002	surface	566-122-0	4. TCLP		mg/l			Lead	Soil	ATL
7/10/2002	surface	566-122-0	5. PH					Lead	Soil	ATL
7/10/2002	.3 m	566-122-1	1. TTLC	21	mg/kg	5	7/15/2002	Lead	Soil	ATL

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7/10/2002	.3 m	566-122-1	2. STLC		mg/l			Lead	Soil	ATL
7/10/2002	.3 m	566-122-1	3. STLC-DI		mg/l			Lead	Soil	ATL
7/10/2002	.3 m	566-122-1	4. TCLP		mg/l			Lead	Soil	ATL
7/10/2002	.3 m	566-122-1	5. PH						Soil	ATL
7/10/2002	.6 m	566-122-2	1. TTLC	55	mg/kg	5	7/15/2002	Lead	Soil	ATL
7/10/2002	.6 m	566-122-2	2. STLC	5.9	mg/l	0.2	7/23/2002	Lead	Soil	ATL
7/10/2002	.6 m	566-122-2	3. STLC-DI	0.23	mg/l	0.2	7/22/2002	Lead	Soil	ATL
7/10/2002	.6 m	566-122-2	4. TCLP		mg/l			Lead	Soil	ATL
7/10/2002	.6 m	566-122-2	5. PH						Soil	ATL
7/10/2002	.9 m	566-122-3	1. TTLC	350	mg/kg	5	7/15/2002	Lead	Soil	ATL
7/10/2002	.9 m	566-122-3	2. STLC	17	mg/l	0.4	7/23/2002	Lead	Soil	ATL
7/10/2002	.9 m	566-122-3	3. STLC-DI	0.5	mg/l	0.2	7/22/2002	Lead	Soil	ATL
7/10/2002	.9 m	566-122-3	4. TCLP		mg/l			Lead	Soil	ATL
7/10/2002	.9 m	566-122-3	5. PH	7.14		0.1	7/11/2002		Soil	ATL
7/10/2002	surface	566-123-0	1. TTLC	45	mg/kg	5	7/15/2002	Lead	Soil	ATL
7/10/2002	surface	566-123-0	2. STLC		mg/l			Lead	Soil	ATL
7/10/2002	surface	566-123-0	3. STLC-DI		mg/l			Lead	Soil	ATL
7/10/2002	surface	566-123-0	4. TCLP		mg/l			Lead	Soil	ATL
7/10/2002	surface	566-123-0	5. PH						Soil	ATL
7/10/2002	.3 m	566-123-1	1. TTLC	13	mg/kg	5	7/15/2002	Lead	Soil	ATL
7/10/2002	.3 m	566-123-1	2. STLC		mg/l			Lead	Soil	ATL
7/10/2002	.3 m	566-123-1	3. STLC-DI		mg/l			Lead	Soil	ATL
7/10/2002	.3 m	566-123-1	4. TCLP		mg/l			Lead	Soil	ATL
7/10/2002	.3 m	566-123-1	5. PH						Soil	ATL
7/10/2002	.6 m	566-123-2	1. TTLC	220	mg/kg	5	7/15/2002	Lead	Soil	ATL
7/10/2002	.6 m	566-123-2	2. STLC	25	mg/l	0.4	7/23/2002	Lead	Soil	ATL
7/10/2002	.6 m	566-123-2	3. STLC-DI	0.31	mg/l	0.2	7/22/2002	Lead	Soil	ATL
7/10/2002	.6 m	566-123-2	4. TCLP		mg/l			Lead	Soil	ATL
7/10/2002	.6 m	566-123-2	5. PH						Soil	ATL
7/10/2002	.9 m	566-123-3	1. TTLC	13	mg/kg	5	7/15/2002	Lead	Soil	ATL
7/10/2002	.9 m	566-123-3	2. STLC		mg/l			Lead	Soil	ATL
7/10/2002	.9 m	566-123-3	3. STLC-DI		mg/l			Lead	Soil	ATL
7/10/2002	.9 m	566-123-3	4. TCLP		mg/l			Lead	Soil	ATL
7/10/2002	.9 m	566-123-3	5. PH						Soil	ATL
7/10/2002	surface	566-124-0	1. TTLC	15	mg/kg	5	7/15/2002	Lead	Soil	ATL
7/10/2002	surface	566-124-0	2. STLC		mg/l			Lead	Soil	ATL
7/10/2002	surface	566-124-0	3. STLC-DI		mg/l			Lead	Soil	ATL
7/10/2002	surface	566-124-0	4. TCLP		mg/l			Lead	Soil	ATL
7/10/2002	surface	566-124-0	5. PH						Soil	ATL
7/10/2002	.3 m	566-124-1	1. TTLC	6.4	mg/kg	5	7/15/2002	Lead	Soil	ATL
7/10/2002	.3 m	566-124-1	2. STLC		mg/l			Lead	Soil	ATL
7/10/2002	.3 m	566-124-1	3. STLC-DI		mg/l			Lead	Soil	ATL
7/10/2002	.3 m	566-124-1	4. TCLP		mg/l			Lead	Soil	ATL
7/10/2002	.3 m	566-124-1	5. PH						Soil	ATL
7/10/2002	.6 m	566-124-2	1. TTLC	170	mg/kg	5	7/15/2002	Lead	Soil	ATL
7/10/2002	.6 m	566-124-2	2. STLC	15	mg/l	0.2	7/23/2002	Lead	Soil	ATL
7/10/2002	.6 m	566-124-2	3. STLC-DI	0.28	mg/l	0.2	7/22/2002	Lead	Soil	ATL
7/10/2002	.6 m	566-124-2	4. TCLP		mg/l			Lead	Soil	ATL
7/10/2002	.6 m	566-124-2	5. PH						Soil	ATL
7/10/2002	.9 m	566-124-3	1. TTLC	22	mg/kg	5	7/15/2002	Lead	Soil	ATL
7/10/2002	.9 m	566-124-3	2. STLC		mg/l			Lead	Soil	ATL
7/10/2002	.9 m	566-124-3	3. STLC-DI		mg/l			Lead	Soil	ATL
7/10/2002	.9 m	566-124-3	4. TCLP		mg/l			Lead	Soil	ATL
7/10/2002	.9 m	566-124-3	5. PH						Soil	ATL
7/10/2002	surface	566-125-0	1. TTLC	55	mg/kg	5	7/15/2002	Lead	Soil	ATL
7/10/2002	surface	566-125-0	2. STLC	4.2	mg/l	0.2	7/23/2002	Lead	Soil	ATL
7/10/2002	surface	566-125-0	3. STLC-DI		mg/l			Lead	Soil	ATL
7/10/2002	surface	566-125-0	4. TCLP		mg/l			Lead	Soil	ATL
7/10/2002	surface	566-125-0	5. PH						Soil	ATL
7/10/2002	.3 m	566-125-1	1. TTLC	35	mg/kg	5	7/15/2002	Lead	Soil	ATL
7/10/2002	.3 m	566-125-1	2. STLC		mg/l			Lead	Soil	ATL

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7/10/2002	.3 m	566-125-1	3. STLC-DI		mg/l				Lead	Soil	ATL
7/10/2002	.3 m	566-125-1	4. TCLP		mg/l				Lead	Soil	ATL
7/10/2002	.3 m	566-125-1	5. PH	7.34		0.1	7/11/2002			Soil	ATL
7/10/2002	.6 m	566-125-2	1. TTLC	9.1	mg/kg	5	7/15/2002		Lead	Soil	ATL
7/10/2002	.6 m	566-125-2	2. STLC		mg/l				Lead	Soil	ATL
7/10/2002	.6 m	566-125-2	3. STLC-DI		mg/l				Lead	Soil	ATL
7/10/2002	.6 m	566-125-2	4. TCLP		mg/l				Lead	Soil	ATL
7/10/2002	.6 m	566-125-2	5. PH							Soil	ATL
7/10/2002	.9 m	566-125-3	1. TTLC	7.2	mg/kg	5	7/15/2002		Lead	Soil	ATL
7/10/2002	.9 m	566-125-3	2. STLC		mg/l				Lead	Soil	ATL
7/10/2002	.9 m	566-125-3	3. STLC-DI		mg/l				Lead	Soil	ATL
7/10/2002	.9 m	566-125-3	4. TCLP		mg/l				Lead	Soil	ATL
7/10/2002	.9 m	566-125-3	5. PH							Soil	ATL
7/10/2002	surface	566-126-0	1. TTLC	28	mg/kg	5	7/15/2002		Lead	Soil	ATL
7/10/2002	surface	566-126-0	2. STLC		mg/l				Lead	Soil	ATL
7/10/2002	surface	566-126-0	3. STLC-DI		mg/l				Lead	Soil	ATL
7/10/2002	surface	566-126-0	4. TCLP		mg/l				Lead	Soil	ATL
7/10/2002	surface	566-126-0	5. PH							Soil	ATL
7/10/2002	.3 m	566-126-1	1. TTLC	300	mg/kg	5	7/15/2002		Lead	Soil	ATL
7/10/2002	.3 m	566-126-1	2. STLC	23	mg/l	0.4	7/23/2002		Lead	Soil	ATL
7/10/2002	.3 m	566-126-1	3. STLC-DI	0.5	mg/l	0.2	7/22/2002		Lead	Soil	ATL
7/10/2002	.3 m	566-126-1	4. TCLP		mg/l				Lead	Soil	ATL
7/10/2002	.3 m	566-126-1	5. PH							Soil	ATL
7/10/2002	.6 m	566-126-2	1. TTLC	330	mg/kg	5	7/15/2002		Lead	Soil	ATL
7/10/2002	.6 m	566-126-2	2. STLC	41	mg/l	0.8	7/23/2002		Lead	Soil	ATL
7/10/2002	.6 m	566-126-2	3. STLC-DI	0.38	mg/l	0.2	7/22/2002		Lead	Soil	ATL
7/10/2002	.6 m	566-126-2	4. TCLP		mg/l				Lead	Soil	ATL
7/10/2002	.6 m	566-126-2	5. PH							Soil	ATL
7/10/2002	.9 m	566-126-3	1. TTLC	110	mg/kg	5	7/15/2002		Lead	Soil	ATL
7/10/2002	.9 m	566-126-3	2. STLC	3.3	mg/l	0.2	7/23/2002		Lead	Soil	ATL
7/10/2002	.9 m	566-126-3	3. STLC-DI		mg/l				Lead	Soil	ATL
7/10/2002	.9 m	566-126-3	4. TCLP		mg/l				Lead	Soil	ATL
7/10/2002	.9 m	566-126-3	5. PH							Soil	ATL
7/10/2002	surface	566-127-0	1. TTLC	110	mg/kg	5	7/15/2002		Lead	Soil	ATL
7/10/2002	surface	566-127-0	2. STLC	1.9	mg/l	0.2	7/23/2002		Lead	Soil	ATL
7/10/2002	surface	566-127-0	3. STLC-DI		mg/l				Lead	Soil	ATL
7/10/2002	surface	566-127-0	4. TCLP		mg/l				Lead	Soil	ATL
7/10/2002	surface	566-127-0	5. PH							Soil	ATL
7/10/2002	.3 m	566-127-1	1. TTLC	74	mg/kg	5	7/15/2002		Lead	Soil	ATL
7/10/2002	.3 m	566-127-1	2. STLC	7.9	mg/l	0.2	7/23/2002		Lead	Soil	ATL
7/10/2002	.3 m	566-127-1	3. STLC-DI	ND	mg/l	0.2	7/22/2002		Lead	Soil	ATL
7/10/2002	.3 m	566-127-1	4. TCLP		mg/l				Lead	Soil	ATL
7/10/2002	.3 m	566-127-1	5. PH							Soil	ATL
7/10/2002	.6 m	566-127-2	1. TTLC	32	mg/kg	5	7/15/2002		Lead	Soil	ATL
7/10/2002	.6 m	566-127-2	2. STLC		mg/l				Lead	Soil	ATL
7/10/2002	.6 m	566-127-2	3. STLC-DI		mg/l				Lead	Soil	ATL
7/10/2002	.6 m	566-127-2	4. TCLP		mg/l				Lead	Soil	ATL
7/10/2002	.6 m	566-127-2	5. PH							Soil	ATL
7/10/2002	.9 m	566-127-3	1. TTLC	34	mg/kg	5	7/15/2002		Lead	Soil	ATL
7/10/2002	.9 m	566-127-3	2. STLC		mg/l				Lead	Soil	ATL
7/10/2002	.9 m	566-127-3	3. STLC-DI		mg/l				Lead	Soil	ATL
7/10/2002	.9 m	566-127-3	4. TCLP		mg/l				Lead	Soil	ATL
7/10/2002	.9 m	566-127-3	5. PH	7.55		0.1	7/11/2002			Soil	ATL
7/10/2002	surface	566-128-0	1. TTLC	59	mg/kg	5	7/15/2002		Lead	Soil	ATL
7/10/2002	surface	566-128-0	2. STLC	4	mg/l	0.2	7/23/2002		Lead	Soil	ATL
7/10/2002	surface	566-128-0	3. STLC-DI		mg/l				Lead	Soil	ATL
7/10/2002	surface	566-128-0	4. TCLP		mg/l				Lead	Soil	ATL
7/10/2002	surface	566-128-0	5. PH							Soil	ATL
7/10/2002	.3 m	566-128-1	1. TTLC	46	mg/kg	5	7/15/2002		Lead	Soil	ATL
7/10/2002	.3 m	566-128-1	2. STLC		mg/l				Lead	Soil	ATL
7/10/2002	.3 m	566-128-1	3. STLC-DI		mg/l				Lead	Soil	ATL

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7/10/2002	.3 m	566-128-1	4. TCLP		mg/l			Lead	Soil	ATL
7/10/2002	.3 m	566-128-1	5. PH						Soil	ATL
7/10/2002	.6 m	566-128-2	1. TTLC	12	mg/kg	5	7/15/2002	Lead	Soil	ATL
7/10/2002	.6 m	566-128-2	2. STLC		mg/l			Lead	Soil	ATL
7/10/2002	.6 m	566-128-2	3. STLC-DI		mg/l			Lead	Soil	ATL
7/10/2002	.6 m	566-128-2	4. TCLP		mg/l			Lead	Soil	ATL
7/10/2002	.6 m	566-128-2	5. PH						Soil	ATL
7/10/2002	.9 m	566-128-3	1. TTLC	23	mg/kg	5	7/15/2002	Lead	Soil	ATL
7/10/2002	.9 m	566-128-3	2. STLC		mg/l			Lead	Soil	ATL
7/10/2002	.9 m	566-128-3	3. STLC-DI		mg/l			Lead	Soil	ATL
7/10/2002	.9 m	566-128-3	4. TCLP		mg/l			Lead	Soil	ATL
7/10/2002	.9 m	566-128-3	5. PH						Soil	ATL
7/10/2002	surface	566-129-0	1. TTLC	84	mg/kg	5	7/15/2002	Lead	Soil	ATL
7/10/2002	surface	566-129-0	2. STLC	6.8	mg/l	0.2	7/23/2002	Lead	Soil	ATL
7/10/2002	surface	566-129-0	3. STLC-DI	ND	mg/l	0.2	7/22/2002	Lead	Soil	ATL
7/10/2002	surface	566-129-0	4. TCLP		mg/l			Lead	Soil	ATL
7/10/2002	surface	566-129-0	5. PH						Soil	ATL
7/10/2002	.3 m	566-129-1	1. TTLC	270	mg/kg	5	7/15/2002	Lead	Soil	ATL
7/10/2002	.3 m	566-129-1	2. STLC	38	mg/l	0.6	7/23/2002	Lead	Soil	ATL
7/10/2002	.3 m	566-129-1	3. STLC-DI	ND	mg/l	0.2	7/22/2002	Lead	Soil	ATL
7/10/2002	.3 m	566-129-1	4. TCLP		mg/l			Lead	Soil	ATL
7/10/2002	.3 m	566-129-1	5. PH						Soil	ATL
7/10/2002	.6 m	566-129-2	1. TTLC	42	mg/kg	5	7/15/2002	Lead	Soil	ATL
7/10/2002	.6 m	566-129-2	2. STLC		mg/l			Lead	Soil	ATL
7/10/2002	.6 m	566-129-2	3. STLC-DI		mg/l			Lead	Soil	ATL
7/10/2002	.6 m	566-129-2	4. TCLP		mg/l			Lead	Soil	ATL
7/10/2002	.6 m	566-129-2	5. PH						Soil	ATL
7/10/2002	.9 m	566-129-3	1. TTLC	ND	mg/kg	5	7/15/2002	Lead	Soil	ATL
7/10/2002	.9 m	566-129-3	2. STLC		mg/l			Lead	Soil	ATL
7/10/2002	.9 m	566-129-3	3. STLC-DI		mg/l			Lead	Soil	ATL
7/10/2002	.9 m	566-129-3	4. TCLP		mg/l			Lead	Soil	ATL
7/10/2002	.9 m	566-129-3	5. PH						Soil	ATL
7/10/2002	surface	566-130-0	1. TTLC	280	mg/kg	5	7/15/2002	Lead	Soil	ATL
7/10/2002	surface	566-130-0	2. STLC	20	mg/l	0.4	7/23/2002	Lead	Soil	ATL
7/10/2002	surface	566-130-0	3. STLC-DI	ND	mg/l	0.2	7/22/2002	Lead	Soil	ATL
7/10/2002	surface	566-130-0	4. TCLP		mg/l			Lead	Soil	ATL
7/10/2002	surface	566-130-0	5. PH						Soil	ATL
7/10/2002	.3 m	566-130-1	1. TTLC	160	mg/kg	5	7/15/2002	Lead	Soil	ATL
7/10/2002	.3 m	566-130-1	2. STLC	14	mg/l	0.2	7/23/2002	Lead	Soil	ATL
7/10/2002	.3 m	566-130-1	3. STLC-DI	ND	mg/l	0.2	7/22/2002	Lead	Soil	ATL
7/10/2002	.3 m	566-130-1	4. TCLP		mg/l			Lead	Soil	ATL
7/10/2002	.3 m	566-130-1	5. PH	7.06		0.1	7/11/2002		Soil	ATL
7/10/2002	.6 m	566-130-2	1. TTLC	99	mg/kg	5	7/15/2002	Lead	Soil	ATL
7/10/2002	.6 m	566-130-2	2. STLC	7.3	mg/l	0.2	7/23/2002	Lead	Soil	ATL
7/10/2002	.6 m	566-130-2	3. STLC-DI	ND	mg/l	0.2	7/22/2002	Lead	Soil	ATL
7/10/2002	.6 m	566-130-2	4. TCLP		mg/l			Lead	Soil	ATL
7/10/2002	.6 m	566-130-2	5. PH						Soil	ATL
7/10/2002	.9 m	566-130-3	1. TTLC	5.6	mg/kg	5	7/15/2002	Lead	Soil	ATL
7/10/2002	.9 m	566-130-3	2. STLC		mg/l			Lead	Soil	ATL
7/10/2002	.9 m	566-130-3	3. STLC-DI		mg/l			Lead	Soil	ATL
7/10/2002	.9 m	566-130-3	4. TCLP		mg/l			Lead	Soil	ATL
7/10/2002	.9 m	566-130-3	5. PH						Soil	ATL
7/10/2002	surface	566-131-0	1. TTLC	1100	mg/kg	5	7/15/2002	Lead	Soil	ATL
7/10/2002	surface	566-131-0	2. STLC		mg/l			Lead	Soil	ATL
7/10/2002	surface	566-131-0	3. STLC-DI		mg/l			Lead	Soil	ATL
7/10/2002	surface	566-131-0	4. TCLP	0.89	mg/l	0.2	7/24/2002	Lead	Soil	ATL
7/10/2002	surface	566-131-0	5. PH						Soil	ATL
7/10/2002	.3 m	566-131-1	1. TTLC	590	mg/kg	5	7/15/2002	Lead	Soil	ATL
7/10/2002	.3 m	566-131-1	2. STLC	50	mg/l	0.8	7/23/2002	Lead	Soil	ATL
7/10/2002	.3 m	566-131-1	3. STLC-DI	ND	mg/l	0.2	7/22/2002	Lead	Soil	ATL
7/10/2002	.3 m	566-131-1	4. TCLP					Lead	Soil	ATL

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7/10/2002	.3 m	566-131-1	5. PH						Soil	ATL
7/10/2002	.6 m	566-131-2	1. TTLC	1000	mg/kg	5	7/15/2002	Lead	Soil	ATL
7/10/2002	.6 m	566-131-2	2. STLC		mg/l			Lead	Soil	ATL
7/10/2002	.6 m	566-131-2	3. STLC-DI		mg/l			Lead	Soil	ATL
7/10/2002	.6 m	566-131-2	4. TCLP	0.51	mg/l	0.2	7/24/2002	Lead	Soil	ATL
7/10/2002	.6 m	566-131-2	5. PH						Soil	ATL
7/10/2002	.9 m	566-131-3	1. TTLC	30	mg/kg	5	7/15/2002	Lead	Soil	ATL
7/10/2002	.9 m	566-131-3	2. STLC		mg/l			Lead	Soil	ATL
7/10/2002	.9 m	566-131-3	3. STLC-DI		mg/l			Lead	Soil	ATL
7/10/2002	.9 m	566-131-3	4. TCLP		mg/l			Lead	Soil	ATL
7/10/2002	.9 m	566-131-3	5. PH						Soil	ATL
7/10/2002	surface	566-132-0	1. TTLC	1000	mg/kg	5	7/15/2002	Lead	Soil	ATL
7/10/2002	surface	566-132-0	2. STLC		mg/l			Lead	Soil	ATL
7/10/2002	surface	566-132-0	3. STLC-DI		mg/l			Lead	Soil	ATL
7/10/2002	surface	566-132-0	4. TCLP	1.6	mg/l	0.2	7/24/2002	Lead	Soil	ATL
7/10/2002	surface	566-132-0	5. PH						Soil	ATL
7/10/2002	.3 m	566-132-1	1. TTLC	810	mg/kg	5	7/15/2002	Lead	Soil	ATL
7/10/2002	.3 m	566-132-1	2. STLC	89	mg/l	2	7/23/2002	Lead	Soil	ATL
7/10/2002	.3 m	566-132-1	3. STLC-DI	1.6	mg/l	0.2	7/22/2002	Lead	Soil	ATL
7/10/2002	.3 m	566-132-1	4. TCLP		mg/l			Lead	Soil	ATL
7/10/2002	.3 m	566-132-1	5. PH						Soil	ATL
7/10/2002	.6 m	566-132-2	1. TTLC	240	mg/kg	5	7/15/2002	Lead	Soil	ATL
7/10/2002	.6 m	566-132-2	2. STLC	17	mg/l	0.4	7/23/2002	Lead	Soil	ATL
7/10/2002	.6 m	566-132-2	3. STLC-DI	0.55	mg/l	0.2	7/22/2002	Lead	Soil	ATL
7/10/2002	.6 m	566-132-2	4. TCLP		mg/l			Lead	Soil	ATL
7/10/2002	.6 m	566-132-2	5. PH						Soil	ATL
7/10/2002	.9 m	566-132-3	1. TTLC	210	mg/kg	5	7/15/2002	Lead	Soil	ATL
7/10/2002	.9 m	566-132-3	2. STLC	25	mg/l	0.4	7/23/2002	Lead	Soil	ATL
7/10/2002	.9 m	566-132-3	3. STLC-DI	1	mg/l	0.2	7/22/2002	Lead	Soil	ATL
7/10/2002	.9 m	566-132-3	4. TCLP		mg/l			Lead	Soil	ATL
7/10/2002	.9 m	566-132-3	5. PH	7.8		0.1	7/11/2002		Soil	ATL
7/10/2002	surface	566-133-0	1. TTLC	350	mg/kg	5	7/15/2002	Lead	Soil	ATL
7/10/2002	surface	566-133-0	2. STLC	90	mg/l	2	7/23/2002	Lead	Soil	ATL
7/10/2002	surface	566-133-0	3. STLC-DI	3.2	mg/l	0.2	7/22/2002	Lead	Soil	ATL
7/10/2002	surface	566-133-0	4. TCLP		mg/l			Lead	Soil	ATL
7/10/2002	surface	566-133-0	5. PH						Soil	ATL
7/10/2002	.3 m	566-133-1	1. TTLC	730	mg/kg	5	7/15/2002	Lead	Soil	ATL
7/10/2002	.3 m	566-133-1	2. STLC	94	mg/l	2	7/23/2002	Lead	Soil	ATL
7/10/2002	.3 m	566-133-1	3. STLC-DI	2.8	mg/l	0.2	7/22/2002	Lead	Soil	ATL
7/10/2002	.3 m	566-133-1	4. TCLP		mg/l			Lead	Soil	ATL
7/10/2002	.3 m	566-133-1	5. PH						Soil	ATL
7/10/2002	.6 m	566-133-2	1. TTLC	370	mg/kg	5	7/15/2002	Lead	Soil	ATL
7/10/2002	.6 m	566-133-2	2. STLC	85	mg/l	2	7/23/2002	Lead	Soil	ATL
7/10/2002	.6 m	566-133-2	3. STLC-DI	2.9	mg/l	0.2	7/22/2002	Lead	Soil	ATL
7/10/2002	.6 m	566-133-2	4. TCLP		mg/l			Lead	Soil	ATL
7/10/2002	.6 m	566-133-2	5. PH						Soil	ATL
7/10/2002	.9 m	566-133-3	1. TTLC	320	mg/kg	5	7/15/2002	Lead	Soil	ATL
7/10/2002	.9 m	566-133-3	2. STLC	54	mg/l	0.8	7/23/2002	Lead	Soil	ATL
7/10/2002	.9 m	566-133-3	3. STLC-DI	2.3	mg/l	0.2	7/22/2002	Lead	Soil	ATL
7/10/2002	.9 m	566-133-3	4. TCLP		mg/l			Lead	Soil	ATL
7/10/2002	.9 m	566-133-3	5. PH						Soil	ATL
7/11/2002	surface	566-134-0	1. TTLC	1100	mg/kg	5	7/15/2002	Lead	Soil	ATL
7/11/2002	surface	566-134-0	2. STLC		mg/l			Lead	Soil	ATL
7/11/2002	surface	566-134-0	3. STLC-DI		mg/l			Lead	Soil	ATL
7/11/2002	surface	566-134-0	4. TCLP	2.7	mg/l	0.2	7/24/2002	Lead	Soil	ATL
7/11/2002	surface	566-134-0	5. PH	7.51		0.1	7/17/2002		Soil	ATL
7/11/2002	.3 m	566-134-1	1. TTLC	690	mg/kg	5	7/15/2002	Lead	Soil	ATL
7/11/2002	.3 m	566-134-1	2. STLC	45	mg/l	0.8	7/23/2002	Lead	Soil	ATL
7/11/2002	.3 m	566-134-1	3. STLC-DI	1.5	mg/l	0.2	7/23/2002	Lead	Soil	ATL
7/11/2002	.3 m	566-134-1	4. TCLP		mg/l			Lead	Soil	ATL
7/11/2002	.3 m	566-134-1	5. PH						Soil	ATL

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7/11/2002	.6 m	566-134-2	1. TTLC	310	mg/kg	5	7/15/2002	Lead	Soil	ATL
7/11/2002	.6 m	566-134-2	2. STLC	14	mg/l	0.2	7/23/2002	Lead	Soil	ATL
7/11/2002	.6 m	566-134-2	3. STLC-DI	0.21	mg/l	0.2	7/23/2002	Lead	Soil	ATL
7/11/2002	.6 m	566-134-2	4. TCLP		mg/l			Lead	Soil	ATL
7/11/2002	.6 m	566-134-2	5. PH					Soil		ATL
7/11/2002	.9 m	566-134-3	1. TTLC	60	mg/kg	5	7/15/2002	Lead	Soil	ATL
7/11/2002	.9 m	566-134-3	2. STLC	5.3	mg/l	0.2	7/23/2002	Lead	Soil	ATL
7/11/2002	.9 m	566-134-3	3. STLC-DI	ND	mg/l	0.2	7/23/2002	Lead	Soil	ATL
7/11/2002	.9 m	566-134-3	4. TCLP		mg/l			Lead	Soil	ATL
7/11/2002	.9 m	566-134-3	5. PH					Soil		ATL
7/11/2002	surface	566-135-0	1. TTLC	1100	mg/kg	5	7/15/2002	Lead	Soil	ATL
7/11/2002	surface	566-135-0	2. STLC		mg/l			Lead	Soil	ATL
7/11/2002	surface	566-135-0	3. STLC-DI		mg/l			Lead	Soil	ATL
7/11/2002	surface	566-135-0	4. TCLP	4.9	mg/l	0.2	7/24/2002	Lead	Soil	ATL
7/11/2002	surface	566-135-0	5. PH					Soil		ATL
7/11/2002	.3 m	566-135-1	1. TTLC	680	mg/kg	5	7/15/2002	Lead	Soil	ATL
7/11/2002	.3 m	566-135-1	2. STLC	58	mg/l	0.8	7/23/2002	Lead	Soil	ATL
7/11/2002	.3 m	566-135-1	3. STLC-DI	1.9	mg/l	0.2	7/23/2002	Lead	Soil	ATL
7/11/2002	.3 m	566-135-1	4. TCLP		mg/l			Lead	Soil	ATL
7/11/2002	.3 m	566-135-1	5. PH					Soil		ATL
7/11/2002	.6 m	566-135-2	1. TTLC	100	mg/kg	5	7/15/2002	Lead	Soil	ATL
7/11/2002	.6 m	566-135-2	2. STLC	6.3	mg/l	0.2	7/23/2002	Lead	Soil	ATL
7/11/2002	.6 m	566-135-2	3. STLC-DI	0.29	mg/l	0.2	7/23/2002	Lead	Soil	ATL
7/11/2002	.6 m	566-135-2	4. TCLP		mg/l			Lead	Soil	ATL
7/11/2002	.6 m	566-135-2	5. PH					Soil		ATL
7/11/2002	.9 m	566-135-3	1. TTLC	53	mg/kg	5	7/15/2002	Lead	Soil	ATL
7/11/2002	.9 m	566-135-3	2. STLC	4.1	mg/l	0.2	7/23/2002	Lead	Soil	ATL
7/11/2002	.9 m	566-135-3	3. STLC-DI		mg/l			Lead	Soil	ATL
7/11/2002	.9 m	566-135-3	4. TCLP		mg/l			Lead	Soil	ATL
7/11/2002	.9 m	566-135-3	5. PH					Soil		ATL
7/11/2002	surface	566-136-0	1. TTLC	650	mg/kg	5	7/15/2002	Lead	Soil	ATL
7/11/2002	surface	566-136-0	2. STLC	17	mg/l	0.4	7/23/2002	Lead	Soil	ATL
7/11/2002	surface	566-136-0	3. STLC-DI	ND	mg/l	0.2	7/23/2002	Lead	Soil	ATL
7/11/2002	surface	566-136-0	4. TCLP		mg/l			Lead	Soil	ATL
7/11/2002	surface	566-136-0	5. PH					Soil		ATL
7/11/2002	.3 m	566-136-1	1. TTLC	14	mg/kg	5	7/15/2002	Lead	Soil	ATL
7/11/2002	.3 m	566-136-1	2. STLC		mg/l			Lead	Soil	ATL
7/11/2002	.3 m	566-136-1	3. STLC-DI		mg/l			Lead	Soil	ATL
7/11/2002	.3 m	566-136-1	4. TCLP		mg/l			Lead	Soil	ATL
7/11/2002	.3 m	566-136-1	5. PH	8.41		0.1	7/17/2002	Soil		ATL
7/11/2002	.6 m	566-136-2	1. TTLC	11	mg/kg	5	7/15/2002	Lead	Soil	ATL
7/11/2002	.6 m	566-136-2	2. STLC		mg/l			Lead	Soil	ATL
7/11/2002	.6 m	566-136-2	3. STLC-DI		mg/l			Lead	Soil	ATL
7/11/2002	.6 m	566-136-2	4. TCLP		mg/l			Lead	Soil	ATL
7/11/2002	.6 m	566-136-2	5. PH					Soil		ATL
7/11/2002	.9 m	566-136-3	1. TTLC	10	mg/kg	5	7/15/2002	Lead	Soil	ATL
7/11/2002	.9 m	566-136-3	2. STLC		mg/l			Lead	Soil	ATL
7/11/2002	.9 m	566-136-3	3. STLC-DI		mg/l			Lead	Soil	ATL
7/11/2002	.9 m	566-136-3	4. TCLP		mg/l			Lead	Soil	ATL
7/11/2002	.9 m	566-136-3	5. PH					Soil		ATL
7/11/2002	surface	566-137-0	1. TTLC	1200	mg/kg	5	7/15/2002	Lead	Soil	ATL
7/11/2002	surface	566-137-0	2. STLC		mg/l			Lead	Soil	ATL
7/11/2002	surface	566-137-0	3. STLC-DI		mg/l			Lead	Soil	ATL
7/11/2002	surface	566-137-0	4. TCLP	4.3	mg/l	0.2	7/24/2002	Lead	Soil	ATL
7/11/2002	surface	566-137-0	5. PH					Soil		ATL
7/11/2002	.3 m	566-137-1	1. TTLC	790	mg/kg	5	7/15/2002	Lead	Soil	ATL
7/11/2002	.3 m	566-137-1	2. STLC	63	mg/l	1	7/23/2002	Lead	Soil	ATL
7/11/2002	.3 m	566-137-1	3. STLC-DI	1.5	mg/l	0.2	7/23/2002	Lead	Soil	ATL
7/11/2002	.3 m	566-137-1	4. TCLP		mg/l			Lead	Soil	ATL
7/11/2002	.3 m	566-137-1	5. PH					Soil		ATL
7/11/2002	.6 m	566-137-2	1. TTLC	140	mg/kg	5	7/15/2002	Lead	Soil	ATL

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7/11/2002	.6 m	566-137-2	2. STLC	10	mg/l	0.2	7/23/2002	Lead	Soil	ATL
7/11/2002	.6 m	566-137-2	3. STLC-DI	0.49	mg/l	0.2	7/23/2002	Lead	Soil	ATL
7/11/2002	.6 m	566-137-2	4. TCLP		mg/l			Lead	Soil	ATL
7/11/2002	.6 m	566-137-2	5. PH						Soil	ATL
7/11/2002	.9 m	566-137-3	1. TTLC	76	mg/kg	5	7/15/2002	Lead	Soil	ATL
7/11/2002	.9 m	566-137-3	2. STLC	3.1	mg/l	0.2	7/23/2002	Lead	Soil	ATL
7/11/2002	.9 m	566-137-3	3. STLC-DI		mg/l			Lead	Soil	ATL
7/11/2002	.9 m	566-137-3	4. TCLP		mg/l			Lead	Soil	ATL
7/11/2002	.9 m	566-137-3	5. PH						Soil	ATL
7/11/2002	surface	566-138-0	1. TTLC	330	mg/kg	5	7/15/2002	Lead	Soil	ATL
7/11/2002	surface	566-138-0	2. STLC	27	mg/l	0.4	7/23/2002	Lead	Soil	ATL
7/11/2002	surface	566-138-0	3. STLC-DI	0.35	mg/l	0.2	7/23/2002	Lead	Soil	ATL
7/11/2002	surface	566-138-0	4. TCLP		mg/l			Lead	Soil	ATL
7/11/2002	surface	566-138-0	5. PH						Soil	ATL
7/11/2002	.3 m	566-138-1	1. TTLC	320	mg/kg	5	7/15/2002	Lead	Soil	ATL
7/11/2002	.3 m	566-138-1	2. STLC	21	mg/l	0.4	7/23/2002	Lead	Soil	ATL
7/11/2002	.3 m	566-138-1	3. STLC-DI	0.28	mg/l	0.2	7/23/2002	Lead	Soil	ATL
7/11/2002	.3 m	566-138-1	4. TCLP		mg/l			Lead	Soil	ATL
7/11/2002	.3 m	566-138-1	5. PH						Soil	ATL
7/11/2002	.6 m	566-138-2	1. TTLC	63	mg/kg	5	7/15/2002	Lead	Soil	ATL
7/11/2002	.6 m	566-138-2	2. STLC	3.7	mg/l	0.2	7/23/2002	Lead	Soil	ATL
7/11/2002	.6 m	566-138-2	3. STLC-DI		mg/l			Lead	Soil	ATL
7/11/2002	.6 m	566-138-2	4. TCLP		mg/l			Lead	Soil	ATL
7/11/2002	.6 m	566-138-2	5. PH						Soil	ATL
7/11/2002	.9 m	566-138-3	1. TTLC	140	mg/kg	5	7/15/2002	Lead	Soil	ATL
7/11/2002	.9 m	566-138-3	2. STLC	6.2	mg/l	0.2	7/23/2002	Lead	Soil	ATL
7/11/2002	.9 m	566-138-3	3. STLC-DI	ND	mg/l	0.2	7/23/2002	Lead	Soil	ATL
7/11/2002	.9 m	566-138-3	4. TCLP		mg/l			Lead	Soil	ATL
7/11/2002	.9 m	566-138-3	5. PH	6.53		0.1	7/17/2002		Soil	ATL
7/11/2002	surface	566-139-0	1. TTLC	910	mg/kg	5	7/15/2002	Lead	Soil	ATL
7/11/2002	surface	566-139-0	2. STLC	57	mg/l	0.8	7/23/2002	Lead	Soil	ATL
7/11/2002	surface	566-139-0	3. STLC-DI	1.6	mg/l	0.2	7/23/2002	Lead	Soil	ATL
7/11/2002	surface	566-139-0	4. TCLP		mg/l			Lead	Soil	ATL
7/11/2002	surface	566-139-0	5. PH						Soil	ATL
7/11/2002	.3 m	566-139-1	1. TTLC	690	mg/kg	5	7/15/2002	Lead	Soil	ATL
7/11/2002	.3 m	566-139-1	2. STLC	47	mg/l	0.8	7/23/2002	Lead	Soil	ATL
7/11/2002	.3 m	566-139-1	3. STLC-DI	3.2	mg/l	0.2	7/23/2002	Lead	Soil	ATL
7/11/2002	.3 m	566-139-1	4. TCLP		mg/l			Lead	Soil	ATL
7/11/2002	.3 m	566-139-1	5. PH						Soil	ATL
7/11/2002	.6 m	566-139-2	1. TTLC	110	mg/kg	5	7/15/2002	Lead	Soil	ATL
7/11/2002	.6 m	566-139-2	2. STLC	5.7	mg/l	0.2	7/23/2002	Lead	Soil	ATL
7/11/2002	.6 m	566-139-2	3. STLC-DI	ND	mg/l	0.2	7/23/2002	Lead	Soil	ATL
7/11/2002	.6 m	566-139-2	4. TCLP		mg/l			Lead	Soil	ATL
7/11/2002	.6 m	566-139-2	5. PH						Soil	ATL
7/11/2002	.9 m	566-139-3	1. TTLC	87	mg/kg	5	7/15/2002	Lead	Soil	ATL
7/11/2002	.9 m	566-139-3	2. STLC	6.7	mg/l	0.2	7/23/2002	Lead	Soil	ATL
7/11/2002	.9 m	566-139-3	3. STLC-DI	ND	mg/l	0.2	7/23/2002	Lead	Soil	ATL
7/11/2002	.9 m	566-139-3	4. TCLP		mg/l			Lead	Soil	ATL
7/11/2002	.9 m	566-139-3	5. PH						Soil	ATL
7/11/2002	surface	566-140-0	1. TTLC	760	mg/kg	5	7/15/2002	Lead	Soil	ATL
7/11/2002	surface	566-140-0	2. STLC	24	mg/l	0.4	7/23/2002	Lead	Soil	ATL
7/11/2002	surface	566-140-0	3. STLC-DI	1.6	mg/l	0.2	7/23/2002	Lead	Soil	ATL
7/11/2002	surface	566-140-0	4. TCLP		mg/l			Lead	Soil	ATL
7/11/2002	surface	566-140-0	5. PH						Soil	ATL
7/11/2002	.3 m	566-140-1	1. TTLC	240	mg/kg	5	7/15/2002	Lead	Soil	ATL
7/11/2002	.3 m	566-140-1	2. STLC	5.4	mg/l	0.2	7/23/2002	Lead	Soil	ATL
7/11/2002	.3 m	566-140-1	3. STLC-DI	0.78	mg/l	0.2	7/23/2002	Lead	Soil	ATL
7/11/2002	.3 m	566-140-1	4. TCLP		mg/l			Lead	Soil	ATL
7/11/2002	.3 m	566-140-1	5. PH						Soil	ATL
7/11/2002	.6 m	566-140-2	1. TTLC	140	mg/kg	5	7/15/2002	Lead	Soil	ATL
7/11/2002	.6 m	566-140-2	2. STLC	6.1	mg/l	0.2	7/23/2002	Lead	Soil	ATL

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7/11/2002	.6 m	566-140-2	3. STLC-DI	0.26	mg/l	0.2	7/23/2002	Lead	Soil	ATL
7/11/2002	.6 m	566-140-2	4. TCLP		mg/l			Lead	Soil	ATL
7/11/2002	.6 m	566-140-2	5. PH						Soil	ATL
7/11/2002	.9 m	566-140-3	1. TTLC	150	mg/kg	5	7/15/2002	Lead	Soil	ATL
7/11/2002	.9 m	566-140-3	2. STLC	10	mg/l	0.2	7/23/2002	Lead	Soil	ATL
7/11/2002	.9 m	566-140-3	3. STLC-DI	0.53	mg/l	0.2	7/23/2002	Lead	Soil	ATL
7/11/2002	.9 m	566-140-3	4. TCLP		mg/l			Lead	Soil	ATL
7/11/2002	.9 m	566-140-3	5. PH						Soil	ATL
7/11/2002	surface	566-141-0	1. TTLC	860	mg/kg	5	7/15/2002	Lead	Soil	ATL
7/11/2002	surface	566-141-0	2. STLC	54	mg/l	0.8	7/23/2002	Lead	Soil	ATL
7/11/2002	surface	566-141-0	3. STLC-DI	0.62	mg/l	0.2	7/23/2002	Lead	Soil	ATL
7/11/2002	surface	566-141-0	4. TCLP		mg/l			Lead	Soil	ATL
7/11/2002	surface	566-141-0	5. PH						Soil	ATL
7/11/2002	.3 m	566-141-1	1. TTLC	97	mg/kg	5	7/15/2002	Lead	Soil	ATL
7/11/2002	.3 m	566-141-1	2. STLC	6.6	mg/l	0.2	7/23/2002	Lead	Soil	ATL
7/11/2002	.3 m	566-141-1	3. STLC-DI	ND	mg/l	0.2	7/23/2002	Lead	Soil	ATL
7/11/2002	.3 m	566-141-1	4. TCLP		mg/l			Lead	Soil	ATL
7/11/2002	.3 m	566-141-1	5. PH	6.88		0.1	7/17/2002		Soil	ATL
7/11/2002	.6 m	566-141-2	1. TTLC	220	mg/kg	5	7/15/2002	Lead	Soil	ATL
7/11/2002	.6 m	566-141-2	2. STLC	13	mg/l	0.2	7/23/2002	Lead	Soil	ATL
7/11/2002	.6 m	566-141-2	3. STLC-DI	ND	mg/l	0.2	7/23/2002	Lead	Soil	ATL
7/11/2002	.6 m	566-141-2	4. TCLP		mg/l			Lead	Soil	ATL
7/11/2002	.6 m	566-141-2	5. PH						Soil	ATL
7/11/2002	.9 m	566-141-3	1. TTLC		mg/kg			Lead	Soil	ATL
7/11/2002	.9 m	566-141-3	2. STLC		mg/l			Lead	Soil	ATL
7/11/2002	.9 m	566-141-3	3. STLC-DI		mg/l			Lead	Soil	ATL
7/11/2002	.9 m	566-141-3	4. TCLP		mg/l			Lead	Soil	ATL
7/11/2002	.9 m	566-141-3	5. PH						Soil	ATL
7/11/2002	surface	566-142-0	1. TTLC	1600	mg/kg	5	7/15/2002	Lead	Soil	ATL
7/11/2002	surface	566-142-0	2. STLC		mg/l			Lead	Soil	ATL
7/11/2002	surface	566-142-0	3. STLC-DI		mg/l			Lead	Soil	ATL
7/11/2002	surface	566-142-0	4. TCLP	3.7	mg/l	0.2	7/24/2002	Lead	Soil	ATL
7/11/2002	surface	566-142-0	5. PH						Soil	ATL
7/11/2002	.3 m	566-142-1	1. TTLC	770	mg/kg	5	7/15/2002	Lead	Soil	ATL
7/11/2002	.3 m	566-142-1	2. STLC	100	mg/l	2	7/23/2002	Lead	Soil	ATL
7/11/2002	.3 m	566-142-1	3. STLC-DI	4.9	mg/l	0.2	7/23/2002	Lead	Soil	ATL
7/11/2002	.3 m	566-142-1	4. TCLP		mg/l			Lead	Soil	ATL
7/11/2002	.3 m	566-142-1	5. PH						Soil	ATL
7/11/2002	.6 m	566-142-2	1. TTLC	140	mg/kg	5	7/15/2002	Lead	Soil	ATL
7/11/2002	.6 m	566-142-2	2. STLC	11	mg/l	0.2	7/23/2002	Lead	Soil	ATL
7/11/2002	.6 m	566-142-2	3. STLC-DI	0.43	mg/l	0.2	7/23/2002	Lead	Soil	ATL
7/11/2002	.6 m	566-142-2	4. TCLP		mg/l			Lead	Soil	ATL
7/11/2002	.6 m	566-142-2	5. PH						Soil	ATL
7/11/2002	.9 m	566-142-3	1. TTLC	250	mg/kg	5	7/15/2002	Lead	Soil	ATL
7/11/2002	.9 m	566-142-3	2. STLC	22	mg/l	0.4	7/23/2002	Lead	Soil	ATL
7/11/2002	.9 m	566-142-3	3. STLC-DI	0.34	mg/l	0.2	7/23/2002	Lead	Soil	ATL
7/11/2002	.9 m	566-142-3	4. TCLP		mg/l			Lead	Soil	ATL
7/11/2002	.9 m	566-142-3	5. PH						Soil	ATL
7/11/2002	surface	566-143-0	1. TTLC	2800	mg/kg	5	7/15/2002	Lead	Soil	ATL
7/11/2002	surface	566-143-0	2. STLC		mg/l			Lead	Soil	ATL
7/11/2002	surface	566-143-0	3. STLC-DI		mg/l			Lead	Soil	ATL
7/11/2002	surface	566-143-0	4. TCLP	3.8	mg/l	0.2	7/24/2002	Lead	Soil	ATL
7/11/2002	surface	566-143-0	5. PH						Soil	ATL
7/11/2002	.3 m	566-143-1	1. TTLC	1300	mg/kg	5	7/15/2002	Lead	Soil	ATL
7/11/2002	.3 m	566-143-1	2. STLC		mg/l			Lead	Soil	ATL
7/11/2002	.3 m	566-143-1	3. STLC-DI		mg/l			Lead	Soil	ATL
7/11/2002	.3 m	566-143-1	4. TCLP	5.4	mg/l	0.2	7/24/2002	Lead	Soil	ATL
7/11/2002	.3 m	566-143-1	5. PH						Soil	ATL
7/11/2002	.6 m	566-143-2	1. TTLC	190	mg/kg	5	7/15/2002	Lead	Soil	ATL
7/11/2002	.6 m	566-143-2	2. STLC	15	mg/l	0.2	7/23/2002	Lead	Soil	ATL
7/11/2002	.6 m	566-143-2	3. STLC-DI	1	mg/l	0.2	7/23/2002	Lead	Soil	ATL

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7/11/2002	.6 m	566-143-2	4. TCLP		mg/l			Lead	Soil	ATL
7/11/2002	.6 m	566-143-2	5. PH						Soil	ATL
	.9 m	566-143-3	1. TTLC		mg/kg			Lead	Soil	ATL
	.9 m	566-143-3	2. STLC		mg/l			Lead	Soil	ATL
	.9 m	566-143-3	3. STLC-DI		mg/l			Lead	Soil	ATL
	.9 m	566-143-3	4. TCLP		mg/l			Lead	Soil	ATL
	.9 m	566-143-3	5. PH						Soil	ATL
7/11/2002	surface	566-144-0	1. TTLC	2000	mg/kg	5	7/15/2002	Lead	Soil	ATL
7/11/2002	surface	566-144-0	2. STLC		mg/l			Lead	Soil	ATL
7/11/2002	surface	566-144-0	3. STLC-DI		mg/l			Lead	Soil	ATL
7/11/2002	surface	566-144-0	4. TCLP	4.2	mg/l	0.2	7/24/2002	Lead	Soil	ATL
7/11/2002	surface	566-144-0	5. PH						Soil	ATL
7/11/2002	.3 m	566-144-1	1. TTLC	1700	mg/kg	5	7/15/2002	Lead	Soil	ATL
7/11/2002	.3 m	566-144-1	2. STLC		mg/l			Lead	Soil	ATL
7/11/2002	.3 m	566-144-1	3. STLC-DI		mg/l			Lead	Soil	ATL
7/11/2002	.3 m	566-144-1	4. TCLP	4.2	mg/l	0.2	7/24/2002	Lead	Soil	ATL
7/11/2002	.3 m	566-144-1	5. PH	6.86		0.1	7/17/2002		Soil	ATL
7/11/2002	.6 m	566-144-2	1. TTLC	1200	mg/kg	5	7/15/2002	Lead	Soil	ATL
7/11/2002	.6 m	566-144-2	2. STLC		mg/l			Lead	Soil	ATL
7/11/2002	.6 m	566-144-2	3. STLC-DI		mg/l			Lead	Soil	ATL
7/11/2002	.6 m	566-144-2	4. TCLP	4.3	mg/l	0.2	7/24/2002	Lead	Soil	ATL
7/11/2002	.6 m	566-144-2	5. PH						Soil	ATL
7/11/2002	.9 m	566-144-3	1. TTLC	150	mg/kg	5	7/15/2002	Lead	Soil	ATL
7/11/2002	.9 m	566-144-3	2. STLC	9.1	mg/l	0.2	7/23/2002	Lead	Soil	ATL
7/11/2002	.9 m	566-144-3	3. STLC-DI	0.59	mg/l	0.2	7/23/2002	Lead	Soil	ATL
7/11/2002	.9 m	566-144-3	4. TCLP		mg/l			Lead	Soil	ATL
7/11/2002	.9 m	566-144-3	5. PH						Soil	ATL
7/11/2002	surface	566-145-0	1. TTLC	1600	mg/kg	5	7/15/2002	Lead	Soil	ATL
7/11/2002	surface	566-145-0	2. STLC		mg/l			Lead	Soil	ATL
7/11/2002	surface	566-145-0	3. STLC-DI		mg/l			Lead	Soil	ATL
7/11/2002	surface	566-145-0	4. TCLP		mg/l			Lead	Soil	ATL
7/11/2002	surface	566-145-0	5. PH						Soil	ATL
7/11/2002	.3 m	566-145-1	1. TTLC	560	mg/kg	5	7/15/2002	Lead	Soil	ATL
7/11/2002	.3 m	566-145-1	2. STLC	48	mg/l	0.8	7/23/2002	Lead	Soil	ATL
7/11/2002	.3 m	566-145-1	3. STLC-DI	4.5	mg/l	0.2	7/23/2002	Lead	Soil	ATL
7/11/2002	.3 m	566-145-1	4. TCLP		mg/l			Lead	Soil	ATL
7/11/2002	.3 m	566-145-1	5. PH						Soil	ATL
7/11/2002	.6 m	566-145-2	1. TTLC	550	mg/kg	5	7/15/2002	Lead	Soil	ATL
7/11/2002	.6 m	566-145-2	2. STLC	50	mg/l	0.8	7/23/2002	Lead	Soil	ATL
7/11/2002	.6 m	566-145-2	3. STLC-DI	2.6	mg/l	0.2	7/23/2002	Lead	Soil	ATL
7/11/2002	.6 m	566-145-2	4. TCLP		mg/l			Lead	Soil	ATL
7/11/2002	.6 m	566-145-2	5. PH						Soil	ATL
7/11/2002	.9 m	566-145-3	1. TTLC	99	mg/kg	5	7/15/2002	Lead	Soil	ATL
7/11/2002	.9 m	566-145-3	2. STLC	12	mg/l	0.2	7/23/2002	Lead	Soil	ATL
7/11/2002	.9 m	566-145-3	3. STLC-DI	0.49	mg/l	0.2	7/23/2002	Lead	Soil	ATL
7/11/2002	.9 m	566-145-3	4. TCLP		mg/l			Lead	Soil	ATL
7/11/2002	.9 m	566-145-3	5. PH						Soil	ATL
7/11/2002	surface	566-146-0	1. TTLC	1300	mg/kg	5	7/15/2002	Lead	Soil	ATL
7/11/2002	surface	566-146-0	2. STLC		mg/l			Lead	Soil	ATL
7/11/2002	surface	566-146-0	3. STLC-DI		mg/l			Lead	Soil	ATL
7/11/2002	surface	566-146-0	4. TCLP	2.7	mg/l	0.2	7/25/2002	Lead	Soil	ATL
7/11/2002	surface	566-146-0	5. PH						Soil	ATL
7/11/2002	.3 m	566-146-1	1. TTLC	180	mg/kg	5	7/15/2002	Lead	Soil	ATL
7/11/2002	.3 m	566-146-1	2. STLC	24	mg/l	0.4	7/23/2002	Lead	Soil	ATL
7/11/2002	.3 m	566-146-1	3. STLC-DI	0.69	mg/l	0.2	7/23/2002	Lead	Soil	ATL
7/11/2002	.3 m	566-146-1	4. TCLP		mg/l			Lead	Soil	ATL
7/11/2002	.3 m	566-146-1	5. PH						Soil	ATL
7/11/2002	.6 m	566-146-2	1. TTLC	350	mg/kg	5	7/15/2002	Lead	Soil	ATL
7/11/2002	.6 m	566-146-2	2. STLC	23	mg/l	0.4	7/23/2002	Lead	Soil	ATL
7/11/2002	.6 m	566-146-2	3. STLC-DI	0.95	mg/l	0.2	7/23/2002	Lead	Soil	ATL
7/11/2002	.6 m	566-146-2	4. TCLP		mg/l			Lead	Soil	ATL

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7/11/2002	.6 m	566-146-2	5. PH						Soil	ATL	
7/11/2002	.9 m	566-146-3	1. TTLC	92	mg/kg	5		7/15/2002	Lead	Soil	ATL
7/11/2002	.9 m	566-146-3	2. STLC	7.6	mg/l	0.2		7/23/2002	Lead	Soil	ATL
7/11/2002	.9 m	566-146-3	3. STLC-DI	0.22	mg/l	0.2		7/23/2002	Lead	Soil	ATL
7/11/2002	.9 m	566-146-3	4. TCLP		mg/l				Lead	Soil	ATL
7/11/2002	.9 m	566-146-3	5. PH	8.45		0.1		7/17/2002		Soil	ATL
7/11/2002	surface	566-147-0	1. TTLC	800	mg/kg	5		7/15/2002	Lead	Soil	ATL
7/11/2002	surface	566-147-0	2. STLC	81	mg/l	2		7/23/2002	Lead	Soil	ATL
7/11/2002	surface	566-147-0	3. STLC-DI	2.9	mg/l	0.2		7/23/2002	Lead	Soil	ATL
7/11/2002	surface	566-147-0	4. TCLP		mg/l				Lead	Soil	ATL
7/11/2002	surface	566-147-0	5. PH							Soil	ATL
7/11/2002	.3 m	566-147-1	1. TTLC	640	mg/kg	5		7/15/2002	Lead	Soil	ATL
7/11/2002	.3 m	566-147-1	2. STLC	50	mg/l	0.8		7/23/2002	Lead	Soil	ATL
7/11/2002	.3 m	566-147-1	3. STLC-DI	3	mg/l	0.2		7/23/2002	Lead	Soil	ATL
7/11/2002	.3 m	566-147-1	4. TCLP		mg/l				Lead	Soil	ATL
7/11/2002	.3 m	566-147-1	5. PH							Soil	ATL
7/11/2002	.6 m	566-147-2	1. TTLC	94	mg/kg	5		7/15/2002	Lead	Soil	ATL
7/11/2002	.6 m	566-147-2	2. STLC	7.7	mg/l	0.2		7/23/2002	Lead	Soil	ATL
7/11/2002	.6 m	566-147-2	3. STLC-DI	0.64	mg/l	0.2		7/23/2002	Lead	Soil	ATL
7/11/2002	.6 m	566-147-2	4. TCLP		mg/l				Lead	Soil	ATL
7/11/2002	.6 m	566-147-2	5. PH							Soil	ATL
7/11/2002	.9 m	566-147-3	1. TTLC	110	mg/kg	5		7/15/2002	Lead	Soil	ATL
7/11/2002	.9 m	566-147-3	2. STLC	10	mg/l	0.2		7/23/2002	Lead	Soil	ATL
7/11/2002	.9 m	566-147-3	3. STLC-DI	0.69	mg/l	0.2		7/23/2002	Lead	Soil	ATL
7/11/2002	.9 m	566-147-3	4. TCLP		mg/l				Lead	Soil	ATL
7/11/2002	.9 m	566-147-3	5. PH							Soil	ATL
7/11/2002	surface	566-148-0	1. TTLC	1100	mg/kg	5		7/15/2002	Lead	Soil	ATL
7/11/2002	surface	566-148-0	2. STLC		mg/l				Lead	Soil	ATL
7/11/2002	surface	566-148-0	3. STLC-DI		mg/l				Lead	Soil	ATL
7/11/2002	surface	566-148-0	4. TCLP	1.9	mg/l	0.2		7/25/2002	Lead	Soil	ATL
7/11/2002	surface	566-148-0	5. PH							Soil	ATL
7/11/2002	.3 m	566-148-1	1. TTLC	360	mg/kg	5		7/15/2002	Lead	Soil	ATL
7/11/2002	.3 m	566-148-1	2. STLC	18	mg/l	0.4		7/23/2002	Lead	Soil	ATL
7/11/2002	.3 m	566-148-1	3. STLC-DI	1.3	mg/l	0.2		7/23/2002	Lead	Soil	ATL
7/11/2002	.3 m	566-148-1	4. TCLP		mg/l				Lead	Soil	ATL
7/11/2002	.3 m	566-148-1	5. PH							Soil	ATL
7/11/2002	.6 m	566-148-2	1. TTLC	99	mg/kg	5		7/15/2002	Lead	Soil	ATL
7/11/2002	.6 m	566-148-2	2. STLC	5.7	mg/l	0.2		7/23/2002	Lead	Soil	ATL
7/11/2002	.6 m	566-148-2	3. STLC-DI	0.35	mg/l	0.2		7/23/2002	Lead	Soil	ATL
7/11/2002	.6 m	566-148-2	4. TCLP		mg/l				Lead	Soil	ATL
7/11/2002	.6 m	566-148-2	5. PH							Soil	ATL
7/11/2002	.9 m	566-148-3	1. TTLC	23	mg/kg	5		7/15/2002	Lead	Soil	ATL
7/11/2002	.9 m	566-148-3	2. STLC		mg/l				Lead	Soil	ATL
7/11/2002	.9 m	566-148-3	3. STLC-DI		mg/l				Lead	Soil	ATL
7/11/2002	.9 m	566-148-3	4. TCLP		mg/l				Lead	Soil	ATL
7/11/2002	.9 m	566-148-3	5. PH							Soil	ATL
7/11/2002	surface	566-149-0	1. TTLC	310	mg/kg	5		7/15/2002	Lead	Soil	ATL
7/11/2002	surface	566-149-0	2. STLC	26	mg/l	0.4		7/23/2002	Lead	Soil	ATL
7/11/2002	surface	566-149-0	3. STLC-DI	ND	mg/l	0.2		7/23/2002	Lead	Soil	ATL
7/11/2002	surface	566-149-0	4. TCLP		mg/l				Lead	Soil	ATL
7/11/2002	surface	566-149-0	5. PH							Soil	ATL
7/11/2002	.3 m	566-149-1	1. TTLC	18	mg/kg	5		7/15/2002	Lead	Soil	ATL
7/11/2002	.3 m	566-149-1	2. STLC		mg/l				Lead	Soil	ATL
7/11/2002	.3 m	566-149-1	3. STLC-DI		mg/l				Lead	Soil	ATL
7/11/2002	.3 m	566-149-1	4. TCLP		mg/l				Lead	Soil	ATL
7/11/2002	.3 m	566-149-1	5. PH	7.88		0.1		7/17/2002		Soil	ATL
7/11/2002	.6 m	566-149-2	1. TTLC	ND	mg/kg	5		7/15/2002	Lead	Soil	ATL
7/11/2002	.6 m	566-149-2	2. STLC		mg/l				Lead	Soil	ATL
7/11/2002	.6 m	566-149-2	3. STLC-DI		mg/l				Lead	Soil	ATL
7/11/2002	.6 m	566-149-2	4. TCLP		mg/l				Lead	Soil	ATL
7/11/2002	.6 m	566-149-2	5. PH							Soil	ATL

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7/11/2002	.9 m	566-149-3	1. TTLC	6.9	mg/kg	5	7/15/2002	Lead	Soil	ATL
7/11/2002	.9 m	566-149-3	2. STLC		mg/l			Lead	Soil	ATL
7/11/2002	.9 m	566-149-3	3. STLC-DI		mg/l			Lead	Soil	ATL
7/11/2002	.9 m	566-149-3	4. TCLP		mg/l			Lead	Soil	ATL
7/11/2002	.9 m	566-149-3	5. PH						Soil	ATL
7/11/2002	surface	566-150-0	1. TTLC	960	mg/kg	5	7/15/2002	Lead	Soil	ATL
7/11/2002	surface	566-150-0	2. STLC	97	mg/l	2	7/23/2002	Lead	Soil	ATL
7/11/2002	surface	566-150-0	3. STLC-DI	1.6	mg/l	0.2	7/23/2002	Lead	Soil	ATL
7/11/2002	surface	566-150-0	4. TCLP		mg/l			Lead	Soil	ATL
7/11/2002	surface	566-150-0	5. PH						Soil	ATL
7/11/2002	.3 m	566-150-1	1. TTLC	140	mg/kg	5	7/15/2002	Lead	Soil	ATL
7/11/2002	.3 m	566-150-1	2. STLC	17	mg/l	0.4	7/23/2002	Lead	Soil	ATL
7/11/2002	.3 m	566-150-1	3. STLC-DI	0.52	mg/l	0.2	7/23/2002	Lead	Soil	ATL
7/11/2002	.3 m	566-150-1	4. TCLP		mg/l			Lead	Soil	ATL
7/11/2002	.3 m	566-150-1	5. PH						Soil	ATL
7/11/2002	.6 m	566-150-2	1. TTLC	66	mg/kg	5	7/15/2002	Lead	Soil	ATL
7/11/2002	.6 m	566-150-2	2. STLC	7.4	mg/l	0.2	7/23/2002	Lead	Soil	ATL
7/11/2002	.6 m	566-150-2	3. STLC-DI	ND	mg/l	0.2	7/23/2002	Lead	Soil	ATL
7/11/2002	.6 m	566-150-2	4. TCLP		mg/l			Lead	Soil	ATL
7/11/2002	.6 m	566-150-2	5. PH						Soil	ATL
7/11/2002	.9 m	566-150-3	1. TTLC	120	mg/kg	5	7/15/2002	Lead	Soil	ATL
7/11/2002	.9 m	566-150-3	2. STLC	11	mg/l	0.2	7/23/2002	Lead	Soil	ATL
7/11/2002	.9 m	566-150-3	3. STLC-DI	ND	mg/l	0.2	7/23/2002	Lead	Soil	ATL
7/11/2002	.9 m	566-150-3	4. TCLP		mg/l			Lead	Soil	ATL
7/11/2002	.9 m	566-150-3	5. PH						Soil	ATL
7/11/2002	surface	566-151-0	1. TTLC	470	mg/kg	5	7/15/2002	Lead	Soil	ATL
7/11/2002	surface	566-151-0	2. STLC	48	mg/l	0.8	7/23/2002	Lead	Soil	ATL
7/11/2002	surface	566-151-0	3. STLC-DI	1.4	mg/l	0.2	7/23/2002	Lead	Soil	ATL
7/11/2002	surface	566-151-0	4. TCLP		mg/l			Lead	Soil	ATL
7/11/2002	surface	566-151-0	5. PH						Soil	ATL
7/11/2002	.3 m	566-151-1	1. TTLC	20	mg/kg	5	7/15/2002	Lead	Soil	ATL
7/11/2002	.3 m	566-151-1	2. STLC		mg/l			Lead	Soil	ATL
7/11/2002	.3 m	566-151-1	3. STLC-DI		mg/l			Lead	Soil	ATL
7/11/2002	.3 m	566-151-1	4. TCLP		mg/l			Lead	Soil	ATL
7/11/2002	.3 m	566-151-1	5. PH						Soil	ATL
7/11/2002	.6 m	566-151-2	1. TTLC	30	mg/kg	5	7/15/2002	Lead	Soil	ATL
7/11/2002	.6 m	566-151-2	2. STLC		mg/l			Lead	Soil	ATL
7/11/2002	.6 m	566-151-2	3. STLC-DI		mg/l			Lead	Soil	ATL
7/11/2002	.6 m	566-151-2	4. TCLP		mg/l			Lead	Soil	ATL
7/11/2002	.6 m	566-151-2	5. PH						Soil	ATL
7/11/2002	.9 m	566-151-3	1. TTLC	8	mg/kg	5	7/15/2002	Lead	Soil	ATL
7/11/2002	.9 m	566-151-3	2. STLC		mg/l			Lead	Soil	ATL
7/11/2002	.9 m	566-151-3	3. STLC-DI		mg/l			Lead	Soil	ATL
7/11/2002	.9 m	566-151-3	4. TCLP		mg/l			Lead	Soil	ATL
7/11/2002	.9 m	566-151-3	5. PH	8.86		0.1	7/17/2002		Soil	ATL
7/11/2002	surface	566-152-0	1. TTLC	680	mg/kg	5	7/15/2002	Lead	Soil	ATL
7/11/2002	surface	566-152-0	2. STLC	53	mg/l	0.8	7/23/2002	Lead	Soil	ATL
7/11/2002	surface	566-152-0	3. STLC-DI	2.2	mg/l	0.2	7/23/2002	Lead	Soil	ATL
7/11/2002	surface	566-152-0	4. TCLP		mg/l			Lead	Soil	ATL
7/11/2002	surface	566-152-0	5. PH						Soil	ATL
7/11/2002	.3 m	566-152-1	1. TTLC	110	mg/kg	5	7/15/2002	Lead	Soil	ATL
7/11/2002	.3 m	566-152-1	2. STLC	13	mg/l	0.2	7/23/2002	Lead	Soil	ATL
7/11/2002	.3 m	566-152-1	3. STLC-DI	0.4	mg/l	0.2	7/23/2002	Lead	Soil	ATL
7/11/2002	.3 m	566-152-1	4. TCLP		mg/l			Lead	Soil	ATL
7/11/2002	.3 m	566-152-1	5. PH						Soil	ATL
7/11/2002	.6 m	566-152-2	1. TTLC	180	mg/kg	5	7/15/2002	Lead	Soil	ATL
7/11/2002	.6 m	566-152-2	2. STLC	6.6	mg/l	0.2	7/23/2002	Lead	Soil	ATL
7/11/2002	.6 m	566-152-2	3. STLC-DI	0.36	mg/l	0.2	7/23/2002	Lead	Soil	ATL
7/11/2002	.6 m	566-152-2	4. TCLP		mg/l			Lead	Soil	ATL
7/11/2002	.6 m	566-152-2	5. PH						Soil	ATL
7/11/2002	.9 m	566-152-3	1. TTLC	38	mg/kg	5	7/15/2002	Lead	Soil	ATL

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7/11/2002	.9 m	566-152-3	2. STLC		mg/l			Lead	Soil	ATL
7/11/2002	.9 m	566-152-3	3. STLC-DI		mg/l			Lead	Soil	ATL
7/11/2002	.9 m	566-152-3	4. TCLP		mg/l			Lead	Soil	ATL
7/11/2002	.9 m	566-152-3	5. PH						Soil	ATL
7/11/2002	surface	566-153-0	1. TTLC	510	mg/kg	5	7/15/2002	Lead	Soil	ATL
7/11/2002	surface	566-153-0	2. STLC	41	mg/l	0.8	7/23/2002	Lead	Soil	ATL
7/11/2002	surface	566-153-0	3. STLC-DI	1.6	mg/l	0.2	7/23/2002	Lead	Soil	ATL
7/11/2002	surface	566-153-0	4. TCLP		mg/l			Lead	Soil	ATL
7/11/2002	surface	566-153-0	5. PH						Soil	ATL
7/11/2002	.3 m	566-153-1	1. TTLC	190	mg/kg	5	7/15/2002	Lead	Soil	ATL
7/11/2002	.3 m	566-153-1	2. STLC	12	mg/l	0.2	7/23/2002	Lead	Soil	ATL
7/11/2002	.3 m	566-153-1	3. STLC-DI	0.27	mg/l	0.2	7/23/2002	Lead	Soil	ATL
7/11/2002	.3 m	566-153-1	4. TCLP		mg/l			Lead	Soil	ATL
7/11/2002	.3 m	566-153-1	5. PH						Soil	ATL
7/11/2002	.6 m	566-153-2	1. TTLC	14	mg/kg	5	7/15/2002	Lead	Soil	ATL
7/11/2002	.6 m	566-153-2	2. STLC		mg/l			Lead	Soil	ATL
7/11/2002	.6 m	566-153-2	3. STLC-DI		mg/l			Lead	Soil	ATL
7/11/2002	.6 m	566-153-2	4. TCLP		mg/l			Lead	Soil	ATL
7/11/2002	.6 m	566-153-2	5. PH						Soil	ATL
7/11/2002	.9 m	566-153-3	1. TTLC	38	mg/kg	5	7/15/2002	Lead	Soil	ATL
7/11/2002	.9 m	566-153-3	2. STLC		mg/l			Lead	Soil	ATL
7/11/2002	.9 m	566-153-3	3. STLC-DI		mg/l			Lead	Soil	ATL
7/11/2002	.9 m	566-153-3	4. TCLP		mg/l			Lead	Soil	ATL
7/11/2002	.9 m	566-153-3	5. PH						Soil	ATL
7/11/2002	surface	566-154-0	1. TTLC	1000	mg/kg	5	7/15/2002	Lead	Soil	ATL
7/11/2002	surface	566-154-0	2. STLC		mg/l			Lead	Soil	ATL
7/11/2002	surface	566-154-0	3. STLC-DI		mg/l			Lead	Soil	ATL
7/11/2002	surface	566-154-0	4. TCLP	1.2	mg/l	0.2	7/25/2002	Lead	Soil	ATL
7/11/2002	surface	566-154-0	5. PH						Soil	ATL
7/11/2002	.3 m	566-154-1	1. TTLC	41	mg/kg	5	7/15/2002	Lead	Soil	ATL
7/11/2002	.3 m	566-154-1	2. STLC		mg/l			Lead	Soil	ATL
7/11/2002	.3 m	566-154-1	3. STLC-DI		mg/l			Lead	Soil	ATL
7/11/2002	.3 m	566-154-1	4. TCLP		mg/l			Lead	Soil	ATL
7/11/2002	.3 m	566-154-1	5. PH	8.4		0.1	7/17/2002		Soil	ATL
7/11/2002	.6 m	566-154-2	1. TTLC	31	mg/kg	5	7/16/2002	Lead	Soil	ATL
7/11/2002	.6 m	566-154-2	2. STLC		mg/l			Lead	Soil	ATL
7/11/2002	.6 m	566-154-2	3. STLC-DI		mg/l			Lead	Soil	ATL
7/11/2002	.6 m	566-154-2	4. TCLP		mg/l			Lead	Soil	ATL
7/11/2002	.6 m	566-154-2	5. PH						Soil	ATL
7/11/2002	.9 m	566-154-3	1. TTLC	12	mg/kg	5	7/16/2002	Lead	Soil	ATL
7/11/2002	.9 m	566-154-3	2. STLC		mg/l			Lead	Soil	ATL
7/11/2002	.9 m	566-154-3	3. STLC-DI		mg/l			Lead	Soil	ATL
7/11/2002	.9 m	566-154-3	4. TCLP		mg/l			Lead	Soil	ATL
7/11/2002	.9 m	566-154-3	5. PH						Soil	ATL
7/11/2002	surface	566-155-0	1. TTLC	83	mg/kg	5	7/16/2002	Lead	Soil	ATL
7/11/2002	surface	566-155-0	2. STLC	3.5	mg/l	0.2	7/23/2002	Lead	Soil	ATL
7/11/2002	surface	566-155-0	3. STLC-DI		mg/l			Lead	Soil	ATL
7/11/2002	surface	566-155-0	4. TCLP		mg/l			Lead	Soil	ATL
7/11/2002	surface	566-155-0	5. PH						Soil	ATL
7/11/2002	.3 m	566-155-1	1. TTLC	510	mg/kg	5	7/16/2002	Lead	Soil	ATL
7/11/2002	.3 m	566-155-1	2. STLC	27	mg/l	0.4	7/23/2002	Lead	Soil	ATL
7/11/2002	.3 m	566-155-1	3. STLC-DI	2.4	mg/l	0.2	7/23/2002	Lead	Soil	ATL
7/11/2002	.3 m	566-155-1	4. TCLP		mg/l			Lead	Soil	ATL
7/11/2002	.3 m	566-155-1	5. PH						Soil	ATL
7/11/2002	.6 m	566-155-2	1. TTLC	120	mg/kg	5	7/16/2002	Lead	Soil	ATL
7/11/2002	.6 m	566-155-2	2. STLC	8.9	mg/l	0.2	7/23/2002	Lead	Soil	ATL
7/11/2002	.6 m	566-155-2	3. STLC-DI	0.83	mg/l	0.2	7/23/2002	Lead	Soil	ATL
7/11/2002	.6 m	566-155-2	4. TCLP		mg/l			Lead	Soil	ATL
7/11/2002	.6 m	566-155-2	5. PH						Soil	ATL
7/11/2002	.9 m	566-155-3	1. TTLC		mg/kg			Lead	Soil	ATL
7/11/2002	.9 m	566-155-3	2. STLC					Lead	Soil	ATL

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	.9 m	566-155-3	3. STLC-DI		mg/l			Lead	Soil	ATL
	.9 m	566-155-3	4. TCLP		mg/l			Lead	Soil	ATL
	.9 m	566-155-3	5. PH						Soil	ATL
7/11/2002	surface	566-156-0	1. TTLC	2000	mg/kg	5	7/16/2002	Lead	Soil	ATL
7/11/2002	surface	566-156-0	2. STLC		mg/l			Lead	Soil	ATL
7/11/2002	surface	566-156-0	3. STLC-DI		mg/l			Lead	Soil	ATL
7/11/2002	surface	566-156-0	4. TCLP	1.8	mg/l	0.2	7/25/2002	Lead	Soil	ATL
7/11/2002	surface	566-156-0	5. PH						Soil	ATL
7/11/2002	.3 m	566-156-1	1. TTLC	610	mg/kg	5	7/16/2002	Lead	Soil	ATL
7/11/2002	.3 m	566-156-1	2. STLC	45	mg/l	0.8	7/23/2002	Lead	Soil	ATL
7/11/2002	.3 m	566-156-1	3. STLC-DI	1.1	mg/l	0.2	7/23/2002	Lead	Soil	ATL
7/11/2002	.3 m	566-156-1	4. TCLP		mg/l			Lead	Soil	ATL
7/11/2002	.3 m	566-156-1	5. PH						Soil	ATL
7/11/2002	.6 m	566-156-2	1. TTLC	440	mg/kg	5	7/16/2002	Lead	Soil	ATL
7/11/2002	.6 m	566-156-2	2. STLC	29	mg/l	0.4	7/23/2002	Lead	Soil	ATL
7/11/2002	.6 m	566-156-2	3. STLC-DI	0.38	mg/l	0.2	7/23/2002	Lead	Soil	ATL
7/11/2002	.6 m	566-156-2	4. TCLP		mg/l			Lead	Soil	ATL
7/11/2002	.6 m	566-156-2	5. PH						Soil	ATL
7/11/2002	.9 m	566-156-3	1. TTLC	73	mg/kg	5	7/16/2002	Lead	Soil	ATL
7/11/2002	.9 m	566-156-3	2. STLC	5.3	mg/l	0.2	7/23/2002	Lead	Soil	ATL
7/11/2002	.9 m	566-156-3	3. STLC-DI	0.25	mg/l	0.2	7/23/2002	Lead	Soil	ATL
7/11/2002	.9 m	566-156-3	4. TCLP		mg/l			Lead	Soil	ATL
7/11/2002	.9 m	566-156-3	5. PH						Soil	ATL
7/11/2002	surface	566-157-0	1. TTLC	670	mg/kg	5	7/16/2002	Lead	Soil	ATL
7/11/2002	surface	566-157-0	2. STLC	38	mg/l	0.8	7/23/2002	Lead	Soil	ATL
7/11/2002	surface	566-157-0	3. STLC-DI	2.7	mg/l	0.2	7/23/2002	Lead	Soil	ATL
7/11/2002	surface	566-157-0	4. TCLP		mg/l			Lead	Soil	ATL
7/11/2002	surface	566-157-0	5. PH	7.46		0.1	7/17/2002		Soil	ATL
7/11/2002	.3 m	566-157-1	1. TTLC	570	mg/kg	5	7/16/2002	Lead	Soil	ATL
7/11/2002	.3 m	566-157-1	2. STLC	11	mg/l	0.2	7/23/2002	Lead	Soil	ATL
7/11/2002	.3 m	566-157-1	3. STLC-DI	0.69	mg/l	0.2	7/23/2002	Lead	Soil	ATL
7/11/2002	.3 m	566-157-1	4. TCLP		mg/l			Lead	Soil	ATL
7/11/2002	.3 m	566-157-1	5. PH						Soil	ATL
7/11/2002	.6 m	566-157-2	1. TTLC	43	mg/kg	5	7/16/2002	Lead	Soil	ATL
7/11/2002	.6 m	566-157-2	2. STLC		mg/l			Lead	Soil	ATL
7/11/2002	.6 m	566-157-2	3. STLC-DI		mg/l			Lead	Soil	ATL
7/11/2002	.6 m	566-157-2	4. TCLP		mg/l			Lead	Soil	ATL
7/11/2002	.6 m	566-157-2	5. PH						Soil	ATL
7/11/2002	.9 m	566-157-3	1. TTLC	750	mg/kg	5	7/16/2002	Lead	Soil	ATL
7/11/2002	.9 m	566-157-3	2. STLC	40	mg/l	0.8	7/23/2002	Lead	Soil	ATL
7/11/2002	.9 m	566-157-3	3. STLC-DI	2.5	mg/l	0.2	7/23/2002	Lead	Soil	ATL
7/11/2002	.9 m	566-157-3	4. TCLP		mg/l			Lead	Soil	ATL
7/11/2002	.9 m	566-157-3	5. PH						Soil	ATL
7/11/2002	surface	566-158-0	1. TTLC	1200	mg/kg	5	7/16/2002	Lead	Soil	ATL
7/11/2002	surface	566-158-0	2. STLC		mg/l			Lead	Soil	ATL
7/11/2002	surface	566-158-0	3. STLC-DI		mg/l			Lead	Soil	ATL
7/11/2002	surface	566-158-0	4. TCLP	4.4	mg/l	0.2	7/25/2002	Lead	Soil	ATL
7/11/2002	surface	566-158-0	5. PH						Soil	ATL
7/11/2002	.3 m	566-158-1	1. TTLC	960	mg/kg	5	7/16/2002	Lead	Soil	ATL
7/11/2002	.3 m	566-158-1	2. STLC	46	mg/l	0.8	7/23/2002	Lead	Soil	ATL
7/11/2002	.3 m	566-158-1	3. STLC-DI	6.6	mg/l	0.2	7/23/2002	Lead	Soil	ATL
7/11/2002	.3 m	566-158-1	4. TCLP		mg/l			Lead	Soil	ATL
7/11/2002	.3 m	566-158-1	5. PH						Soil	ATL
7/11/2002	.6 m	566-158-2	1. TTLC	950	mg/kg	5	7/16/2002	Lead	Soil	ATL
7/11/2002	.6 m	566-158-2	2. STLC	86	mg/l	2	7/23/2002	Lead	Soil	ATL
7/11/2002	.6 m	566-158-2	3. STLC-DI	4.7	mg/l	0.2	7/23/2002	Lead	Soil	ATL
7/11/2002	.6 m	566-158-2	4. TCLP		mg/l			Lead	Soil	ATL
7/11/2002	.6 m	566-158-2	5. PH						Soil	ATL
7/11/2002	.9 m	566-158-3	1. TTLC	150	mg/kg	5	7/16/2002	Lead	Soil	ATL
7/11/2002	.9 m	566-158-3	2. STLC	9.1	mg/l	0.2	7/23/2002	Lead	Soil	ATL
7/11/2002	.9 m	566-158-3	3. STLC-DI	0.77	mg/l	0.2	7/23/2002	Lead	Soil	ATL

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7/11/2002	.9 m	566-158-3	4. TCLP		mg/l				Lead	Soil	ATL
7/11/2002	.9 m	566-158-3	5. PH							Soil	ATL
7/12/2002	surface	566-159-0	1. TTLC	1000	mg/kg	5	7/16/2002		Lead	Soil	ATL
7/12/2002	surface	566-159-0	2. STLC		mg/l				Lead	Soil	ATL
7/12/2002	surface	566-159-0	3. STLC-DI		mg/l				Lead	Soil	ATL
7/12/2002	surface	566-159-0	4. TCLP	0.87	mg/l	0.2	7/25/2002		Lead	Soil	ATL
7/12/2002	surface	566-159-0	5. PH	7.68		0.1	7/18/2002			Soil	ATL
7/12/2002	.3 m	566-159-1	1. TTLC	1300	mg/kg	5	7/16/2002		Lead	Soil	ATL
7/12/2002	.3 m	566-159-1	2. STLC		mg/l				Lead	Soil	ATL
7/12/2002	.3 m	566-159-1	3. STLC-DI		mg/l				Lead	Soil	ATL
7/12/2002	.3 m	566-159-1	4. TCLP	0.43	mg/l	0.2	7/25/2002		Lead	Soil	ATL
7/12/2002	.3 m	566-159-1	5. PH							Soil	ATL
7/12/2002	.6 m	566-159-2	1. TTLC	820	mg/kg	5	7/16/2002		Lead	Soil	ATL
7/12/2002	.6 m	566-159-2	2. STLC	11	mg/l	0.2	7/23/2002		Lead	Soil	ATL
7/12/2002	.6 m	566-159-2	3. STLC-DI	0.4	mg/l	0.2	7/23/2002		Lead	Soil	ATL
7/12/2002	.6 m	566-159-2	4. TCLP		mg/l				Lead	Soil	ATL
7/12/2002	.6 m	566-159-2	5. PH							Soil	ATL
7/12/2002	.9 m	566-159-3	1. TTLC	570	mg/kg	5	7/16/2002		Lead	Soil	ATL
7/12/2002	.9 m	566-159-3	2. STLC	29	mg/l	0.4	7/23/2002		Lead	Soil	ATL
7/12/2002	.9 m	566-159-3	3. STLC-DI	0.65	mg/l	0.2	7/23/2002		Lead	Soil	ATL
7/12/2002	.9 m	566-159-3	4. TCLP		mg/l				Lead	Soil	ATL
7/12/2002	.9 m	566-159-3	5. PH							Soil	ATL
7/12/2002	surface	566-160-0	1. TTLC	62	mg/kg	5	7/16/2002		Lead	Soil	ATL
7/12/2002	surface	566-160-0	2. STLC	39	mg/l	0.8	7/23/2002		Lead	Soil	ATL
7/12/2002	surface	566-160-0	3. STLC-DI	0.26	mg/l	0.2	7/23/2002		Lead	Soil	ATL
7/12/2002	surface	566-160-0	4. TCLP		mg/l				Lead	Soil	ATL
7/12/2002	surface	566-160-0	5. PH							Soil	ATL
7/12/2002	.3 m	566-160-1	1. TTLC	200	mg/kg	5	7/16/2002		Lead	Soil	ATL
7/12/2002	.3 m	566-160-1	2. STLC	7.6	mg/l	0.2	7/23/2002		Lead	Soil	ATL
7/12/2002	.3 m	566-160-1	3. STLC-DI	ND	mg/l	0.2	7/23/2002		Lead	Soil	ATL
7/12/2002	.3 m	566-160-1	4. TCLP		mg/l				Lead	Soil	ATL
7/12/2002	.3 m	566-160-1	5. PH							Soil	ATL
7/12/2002	.6 m	566-160-2	1. TTLC	47	mg/kg	5	7/16/2002		Lead	Soil	ATL
7/12/2002	.6 m	566-160-2	2. STLC		mg/l				Lead	Soil	ATL
7/12/2002	.6 m	566-160-2	3. STLC-DI		mg/l				Lead	Soil	ATL
7/12/2002	.6 m	566-160-2	4. TCLP		mg/l				Lead	Soil	ATL
7/12/2002	.6 m	566-160-2	5. PH							Soil	ATL
7/12/2002	.9 m	566-160-3	1. TTLC	1100	mg/kg	5	7/16/2002		Lead	Soil	ATL
7/12/2002	.9 m	566-160-3	2. STLC		mg/l				Lead	Soil	ATL
7/12/2002	.9 m	566-160-3	3. STLC-DI		mg/l				Lead	Soil	ATL
7/12/2002	.9 m	566-160-3	4. TCLP	ND	mg/l	0.2	7/25/2002		Lead	Soil	ATL
7/12/2002	.9 m	566-160-3	5. PH							Soil	ATL
7/12/2002	surface	566-161-0	1. TTLC	1200	mg/kg	5	7/16/2002		Lead	Soil	ATL
7/12/2002	surface	566-161-0	2. STLC		mg/l				Lead	Soil	ATL
7/12/2002	surface	566-161-0	3. STLC-DI		mg/l				Lead	Soil	ATL
7/12/2002	surface	566-161-0	4. TCLP	0.84	mg/l	0.2	7/25/2002		Lead	Soil	ATL
7/12/2002	surface	566-161-0	5. PH	7.19		0.1	7/18/2002			Soil	ATL
7/12/2002	.3 m	566-161-1	1. TTLC	770	mg/kg	5	7/16/2002		Lead	Soil	ATL
7/12/2002	.3 m	566-161-1	2. STLC	25	mg/l	0.4	7/23/2002		Lead	Soil	ATL
7/12/2002	.3 m	566-161-1	3. STLC-DI	0.5	mg/l	0.2	7/23/2002		Lead	Soil	ATL
7/12/2002	.3 m	566-161-1	4. TCLP		mg/l				Lead	Soil	ATL
7/12/2002	.3 m	566-161-1	5. PH							Soil	ATL
7/12/2002	.6 m	566-161-2	1. TTLC	1300	mg/kg	5	7/16/2002		Lead	Soil	ATL
7/12/2002	.6 m	566-161-2	2. STLC		mg/l				Lead	Soil	ATL
7/12/2002	.6 m	566-161-2	3. STLC-DI		mg/l				Lead	Soil	ATL
7/12/2002	.6 m	566-161-2	4. TCLP	0.75	mg/l	0.2	7/25/2002		Lead	Soil	ATL
7/12/2002	.6 m	566-161-2	5. PH							Soil	ATL
7/12/2002	.9 m	566-161-3	1. TTLC	640	mg/kg	5	7/16/2002		Lead	Soil	ATL
7/12/2002	.9 m	566-161-3	2. STLC	13	mg/l	0.2	7/23/2002		Lead	Soil	ATL
7/12/2002	.9 m	566-161-3	3. STLC-DI	0.35	mg/l	0.2	7/23/2002		Lead	Soil	ATL
7/12/2002	.9 m	566-161-3	4. TCLP						Lead	Soil	ATL

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7/12/2002	.9 m	566-161-3	5. PH						Soil	ATL
7/12/2002	surface	566-162-0	1. TTLC	200	mg/kg	5	7/16/2002	Lead	Soil	ATL
7/12/2002	surface	566-162-0	2. STLC	8.5	mg/l	0.2	7/23/2002	Lead	Soil	ATL
7/12/2002	surface	566-162-0	3. STLC-DI	ND	mg/l	0.2	7/23/2002	Lead	Soil	ATL
7/12/2002	surface	566-162-0	4. TCLP		mg/l			Lead	Soil	ATL
7/12/2002	surface	566-162-0	5. PH						Soil	ATL
7/12/2002	.3 m	566-162-1	1. TTLC	220	mg/kg	5	7/16/2002	Lead	Soil	ATL
7/12/2002	.3 m	566-162-1	2. STLC	1.3	mg/l	0.2	7/23/2002	Lead	Soil	ATL
7/12/2002	.3 m	566-162-1	3. STLC-DI		mg/l			Lead	Soil	ATL
7/12/2002	.3 m	566-162-1	4. TCLP		mg/l			Lead	Soil	ATL
7/12/2002	.3 m	566-162-1	5. PH						Soil	ATL
7/12/2002	.6 m	566-162-2	1. TTLC	1800	mg/kg	5	7/16/2002	Lead	Soil	ATL
7/12/2002	.6 m	566-162-2	2. STLC		mg/l			Lead	Soil	ATL
7/12/2002	.6 m	566-162-2	3. STLC-DI		mg/l			Lead	Soil	ATL
7/12/2002	.6 m	566-162-2	4. TCLP	ND	mg/l	0.2	7/25/2002	Lead	Soil	ATL
7/12/2002	.6 m	566-162-2	5. PH						Soil	ATL
7/12/2002	.9 m	566-162-3	1. TTLC	240	mg/kg	5	7/16/2002	Lead	Soil	ATL
7/12/2002	.9 m	566-162-3	2. STLC	0.55	mg/l	0.2	7/23/2002	Lead	Soil	ATL
7/12/2002	.9 m	566-162-3	3. STLC-DI		mg/l			Lead	Soil	ATL
7/12/2002	.9 m	566-162-3	4. TCLP		mg/l			Lead	Soil	ATL
7/12/2002	.9 m	566-162-3	5. PH						Soil	ATL
7/12/2002	surface	566-163-0	1. TTLC	89	mg/kg	5	7/16/2002	Lead	Soil	ATL
7/12/2002	surface	566-163-0	2. STLC	17	mg/l	0.4	7/23/2002	Lead	Soil	ATL
7/12/2002	surface	566-163-0	3. STLC-DI	ND	mg/l	0.2	7/23/2002	Lead	Soil	ATL
7/12/2002	surface	566-163-0	4. TCLP		mg/l			Lead	Soil	ATL
7/12/2002	surface	566-163-0	5. PH						Soil	ATL
7/12/2002	.3 m	566-163-1	1. TTLC	160	mg/kg	5	7/16/2002	Lead	Soil	ATL
7/12/2002	.3 m	566-163-1	2. STLC	5.1	mg/l	0.2	7/23/2002	Lead	Soil	ATL
7/12/2002	.3 m	566-163-1	3. STLC-DI	ND	mg/l	0.2	7/23/2002	Lead	Soil	ATL
7/12/2002	.3 m	566-163-1	4. TCLP		mg/l			Lead	Soil	ATL
7/12/2002	.3 m	566-163-1	5. PH						Soil	ATL
7/12/2002	.6 m	566-163-2	1. TTLC	400	mg/kg	5	7/16/2002	Lead	Soil	ATL
7/12/2002	.6 m	566-163-2	2. STLC	4.7	mg/l	0.2	7/23/2002	Lead	Soil	ATL
7/12/2002	.6 m	566-163-2	3. STLC-DI		mg/l			Lead	Soil	ATL
7/12/2002	.6 m	566-163-2	4. TCLP		mg/l			Lead	Soil	ATL
7/12/2002	.6 m	566-163-2	5. PH	7.68		0.1	7/16/2002		Soil	ATL
7/12/2002	.9 m	566-163-3	1. TTLC	180	mg/kg	5	7/16/2002	Lead	Soil	ATL
7/12/2002	.9 m	566-163-3	2. STLC	8.4	mg/l	0.2	7/23/2002	Lead	Soil	ATL
7/12/2002	.9 m	566-163-3	3. STLC-DI	ND	mg/l	0.2	7/23/2002	Lead	Soil	ATL
7/12/2002	.9 m	566-163-3	4. TCLP		mg/l			Lead	Soil	ATL
7/12/2002	.9 m	566-163-3	5. PH						Soil	ATL
7/12/2002	surface	566-164-0	1. TTLC	46	mg/kg	5	7/16/2002	Lead	Soil	ATL
7/12/2002	surface	566-164-0	2. STLC		mg/l			Lead	Soil	ATL
7/12/2002	surface	566-164-0	3. STLC-DI		mg/l			Lead	Soil	ATL
7/12/2002	surface	566-164-0	4. TCLP		mg/l			Lead	Soil	ATL
7/12/2002	surface	566-164-0	5. PH						Soil	ATL
7/12/2002	.3 m	566-164-1	1. TTLC	300	mg/kg	5	7/16/2002	Lead	Soil	ATL
7/12/2002	.3 m	566-164-1	2. STLC	3.1	mg/l	0.2	7/23/2002	Lead	Soil	ATL
7/12/2002	.3 m	566-164-1	3. STLC-DI		mg/l			Lead	Soil	ATL
7/12/2002	.3 m	566-164-1	4. TCLP		mg/l			Lead	Soil	ATL
7/12/2002	.3 m	566-164-1	5. PH						Soil	ATL
7/12/2002	.6 m	566-164-2	1. TTLC	370	mg/kg	5	7/16/2002	Lead	Soil	ATL
7/12/2002	.6 m	566-164-2	2. STLC	3.3	mg/l	0.2	7/23/2002	Lead	Soil	ATL
7/12/2002	.6 m	566-164-2	3. STLC-DI		mg/l			Lead	Soil	ATL
7/12/2002	.6 m	566-164-2	4. TCLP		mg/l			Lead	Soil	ATL
7/12/2002	.6 m	566-164-2	5. PH						Soil	ATL
7/12/2002	.9 m	566-164-3	1. TTLC	410	mg/kg	5	7/16/2002	Lead	Soil	ATL
7/12/2002	.9 m	566-164-3	2. STLC	4.6	mg/l	0.2	7/23/2002	Lead	Soil	ATL
7/12/2002	.9 m	566-164-3	3. STLC-DI		mg/l			Lead	Soil	ATL
7/12/2002	.9 m	566-164-3	4. TCLP		mg/l			Lead	Soil	ATL
7/12/2002	.9 m	566-164-3	5. PH						Soil	ATL

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7/12/2002	surface	566-165-0	1. TTLC	35	mg/kg	5	7/16/2002	Lead	Soil	ATL
7/12/2002	surface	566-165-0	2. STLC		mg/l			Lead	Soil	ATL
7/12/2002	surface	566-165-0	3. STLC-DI		mg/l			Lead	Soil	ATL
7/12/2002	surface	566-165-0	4. TCLP		mg/l			Lead	Soil	ATL
7/12/2002	surface	566-165-0	5. PH						Soil	ATL
7/12/2002	.3 m	566-165-1	1. TTLC	140	mg/kg	5	7/16/2002	Lead	Soil	ATL
7/12/2002	.3 m	566-165-1	2. STLC	3.8	mg/l	0.2	7/23/2002	Lead	Soil	ATL
7/12/2002	.3 m	566-165-1	3. STLC-DI		mg/l			Lead	Soil	ATL
7/12/2002	.3 m	566-165-1	4. TCLP		mg/l			Lead	Soil	ATL
7/12/2002	.3 m	566-165-1	5. PH						Soil	ATL
7/12/2002	.6 m	566-165-2	1. TTLC	310	mg/kg	5	7/16/2002	Lead	Soil	ATL
7/12/2002	.6 m	566-165-2	2. STLC	38	mg/l	0.8	7/23/2002	Lead	Soil	ATL
7/12/2002	.6 m	566-165-2	3. STLC-DI	ND	mg/l	0.2	7/23/2002	Lead	Soil	ATL
7/12/2002	.6 m	566-165-2	4. TCLP		mg/l			Lead	Soil	ATL
7/12/2002	.6 m	566-165-2	5. PH						Soil	ATL
7/12/2002	.9 m	566-165-3	1. TTLC	710	mg/kg	5	7/16/2002	Lead	Soil	ATL
7/12/2002	.9 m	566-165-3	2. STLC	7.5	mg/l	0.2	7/23/2002	Lead	Soil	ATL
7/12/2002	.9 m	566-165-3	3. STLC-DI	2.1	mg/l	0.2	7/23/2002	Lead	Soil	ATL
7/12/2002	.9 m	566-165-3	4. TCLP		mg/l			Lead	Soil	ATL
7/12/2002	.9 m	566-165-3	5. PH						Soil	ATL
7/12/2002	surface	566-166-0	1. TTLC	21	mg/kg	5	7/16/2002	Lead	Soil	ATL
7/12/2002	surface	566-166-0	2. STLC		mg/l			Lead	Soil	ATL
7/12/2002	surface	566-166-0	3. STLC-DI		mg/l			Lead	Soil	ATL
7/12/2002	surface	566-166-0	4. TCLP		mg/l			Lead	Soil	ATL
7/12/2002	surface	566-166-0	5. PH	6.2		0.1	7/18/2002		Soil	ATL
7/12/2002	.3 m	566-166-1	1. TTLC	64	mg/kg	5	7/16/2002	Lead	Soil	ATL
7/12/2002	.3 m	566-166-1	2. STLC	15	mg/l	0.2	7/23/2002	Lead	Soil	ATL
7/12/2002	.3 m	566-166-1	3. STLC-DI	0.23	mg/l	0.2	7/23/2002	Lead	Soil	ATL
7/12/2002	.3 m	566-166-1	4. TCLP		mg/l			Lead	Soil	ATL
7/12/2002	.3 m	566-166-1	5. PH						Soil	ATL
7/12/2002	.6 m	566-166-2	1. TTLC	240	mg/kg	5	7/16/2002	Lead	Soil	ATL
7/12/2002	.6 m	566-166-2	2. STLC	4.7	mg/l	0.2	7/23/2002	Lead	Soil	ATL
7/12/2002	.6 m	566-166-2	3. STLC-DI		mg/l			Lead	Soil	ATL
7/12/2002	.6 m	566-166-2	4. TCLP		mg/l			Lead	Soil	ATL
7/12/2002	.6 m	566-166-2	5. PH						Soil	ATL
7/12/2002	.9 m	566-166-3	1. TTLC	1300	mg/kg	5	7/16/2002	Lead	Soil	ATL
7/12/2002	.9 m	566-166-3	2. STLC		mg/l			Lead	Soil	ATL
7/12/2002	.9 m	566-166-3	3. STLC-DI		mg/l			Lead	Soil	ATL
7/12/2002	.9 m	566-166-3	4. TCLP	ND	mg/l	0.2	7/25/2002	Lead	Soil	ATL
7/12/2002	.9 m	566-166-3	5. PH						Soil	ATL
7/12/2002	surface	566-167-0	1. TTLC	60	mg/kg	5	7/16/2002	Lead	Soil	ATL
7/12/2002	surface	566-167-0	2. STLC	80	mg/l	2	7/23/2002	Lead	Soil	ATL
7/12/2002	surface	566-167-0	3. STLC-DI	1.2	mg/l	0.2	7/23/2002	Lead	Soil	ATL
7/12/2002	surface	566-167-0	4. TCLP		mg/l			Lead	Soil	ATL
7/12/2002	surface	566-167-0	5. PH						Soil	ATL
7/12/2002	.3 m	566-167-1	1. TTLC	380	mg/kg	5	7/16/2002	Lead	Soil	ATL
7/12/2002	.3 m	566-167-1	2. STLC	33	mg/l	0.8	7/23/2002	Lead	Soil	ATL
7/12/2002	.3 m	566-167-1	3. STLC-DI	1.1	mg/l	0.2	7/23/2002	Lead	Soil	ATL
7/12/2002	.3 m	566-167-1	4. TCLP		mg/l			Lead	Soil	ATL
7/12/2002	.3 m	566-167-1	5. PH						Soil	ATL
7/12/2002	.6 m	566-167-2	1. TTLC	80	mg/kg	5	7/16/2002	Lead	Soil	ATL
7/12/2002	.6 m	566-167-2	2. STLC	7.5	mg/l	0.2	7/23/2002	Lead	Soil	ATL
7/12/2002	.6 m	566-167-2	3. STLC-DI	ND	mg/l	0.2	7/23/2002	Lead	Soil	ATL
7/12/2002	.6 m	566-167-2	4. TCLP		mg/l			Lead	Soil	ATL
7/12/2002	.6 m	566-167-2	5. PH						Soil	ATL
7/12/2002	.9 m	566-167-3	1. TTLC	950	mg/kg	5	7/16/2002	Lead	Soil	ATL
7/12/2002	.9 m	566-167-3	2. STLC	1.4	mg/l	0.2	7/23/2002	Lead	Soil	ATL
7/12/2002	.9 m	566-167-3	3. STLC-DI		mg/l			Lead	Soil	ATL
7/12/2002	.9 m	566-167-3	4. TCLP		mg/l			Lead	Soil	ATL
7/12/2002	.9 m	566-167-3	5. PH						Soil	ATL
7/12/2002	surface	566-168-0	1. TTLC	64	mg/kg	5	7/16/2002	Lead	Soil	ATL

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7/12/2002	surface	566-168-0	2. STLC	30	mg/l	0.8	7/23/2002	Lead	Soil	ATL
7/12/2002	surface	566-168-0	3. STLC-DI	0.44	mg/l	0.2	7/23/2002	Lead	Soil	ATL
7/12/2002	surface	566-168-0	4. TCLP		mg/l			Lead	Soil	ATL
7/12/2002	surface	566-168-0	5. PH						Soil	ATL
7/12/2002	.3 m	566-168-1	1. TTLC	70	mg/kg	5	7/16/2002	Lead	Soil	ATL
7/12/2002	.3 m	566-168-1	2. STLC	35	mg/l	0.8	7/23/2002	Lead	Soil	ATL
7/12/2002	.3 m	566-168-1	3. STLC-DI	0.6	mg/l	0.2	7/23/2002	Lead	Soil	ATL
7/12/2002	.3 m	566-168-1	4. TCLP		mg/l			Lead	Soil	ATL
7/12/2002	.3 m	566-168-1	5. PH						Soil	ATL
7/12/2002	.6 m	566-168-2	1. TTLC	43	mg/kg	5	7/16/2002	Lead	Soil	ATL
7/12/2002	.6 m	566-168-2	2. STLC		mg/l			Lead	Soil	ATL
7/12/2002	.6 m	566-168-2	3. STLC-DI		mg/l			Lead	Soil	ATL
7/12/2002	.6 m	566-168-2	4. TCLP		mg/l			Lead	Soil	ATL
7/12/2002	.6 m	566-168-2	5. PH	7.23		0.1	7/18/2002		Soil	ATL
7/12/2002	.9 m	566-168-3	1. TTLC	150	mg/kg	5	7/16/2002	Lead	Soil	ATL
7/12/2002	.9 m	566-168-3	2. STLC	2.1	mg/l	0.2	7/23/2002	Lead	Soil	ATL
7/12/2002	.9 m	566-168-3	3. STLC-DI		mg/l			Lead	Soil	ATL
7/12/2002	.9 m	566-168-3	4. TCLP		mg/l			Lead	Soil	ATL
7/12/2002	.9 m	566-168-3	5. PH						Soil	ATL
7/12/2002	surface	566-169-0	1. TTLC	48	mg/kg	5	7/16/2002	Lead	Soil	ATL
7/12/2002	surface	566-169-0	2. STLC		mg/l			Lead	Soil	ATL
7/12/2002	surface	566-169-0	3. STLC-DI		mg/l			Lead	Soil	ATL
7/12/2002	surface	566-169-0	4. TCLP		mg/l			Lead	Soil	ATL
7/12/2002	surface	566-169-0	5. PH						Soil	ATL
7/12/2002	.3 m	566-169-1	1. TTLC	47	mg/kg	5	7/16/2002	Lead	Soil	ATL
7/12/2002	.3 m	566-169-1	2. STLC		mg/l			Lead	Soil	ATL
7/12/2002	.3 m	566-169-1	3. STLC-DI		mg/l			Lead	Soil	ATL
7/12/2002	.3 m	566-169-1	4. TCLP		mg/l			Lead	Soil	ATL
7/12/2002	.3 m	566-169-1	5. PH						Soil	ATL
7/12/2002	.6 m	566-169-2	1. TTLC	110	mg/kg	5	7/16/2002	Lead	Soil	ATL
7/12/2002	.6 m	566-169-2	2. STLC	17	mg/l	0.4	7/23/2002	Lead	Soil	ATL
7/12/2002	.6 m	566-169-2	3. STLC-DI	0.41	mg/l	0.2	7/23/2002	Lead	Soil	ATL
7/12/2002	.6 m	566-169-2	4. TCLP		mg/l			Lead	Soil	ATL
7/12/2002	.6 m	566-169-2	5. PH						Soil	ATL
7/12/2002	.9 m	566-169-3	1. TTLC	150	mg/kg	5	7/16/2002	Lead	Soil	ATL
7/12/2002	.9 m	566-169-3	2. STLC	4.5	mg/l	0.2	7/23/2002	Lead	Soil	ATL
7/12/2002	.9 m	566-169-3	3. STLC-DI		mg/l			Lead	Soil	ATL
7/12/2002	.9 m	566-169-3	4. TCLP		mg/l			Lead	Soil	ATL
7/12/2002	.9 m	566-169-3	5. PH						Soil	ATL
7/12/2002	surface	566-170-0	1. TTLC	11	mg/kg	5	7/16/2002	Lead	Soil	ATL
7/12/2002	surface	566-170-0	2. STLC		mg/l			Lead	Soil	ATL
7/12/2002	surface	566-170-0	3. STLC-DI		mg/l			Lead	Soil	ATL
7/12/2002	surface	566-170-0	4. TCLP		mg/l			Lead	Soil	ATL
7/12/2002	surface	566-170-0	5. PH						Soil	ATL
7/12/2002	.3 m	566-170-1	1. TTLC	20	mg/kg	5	7/16/2002	Lead	Soil	ATL
7/12/2002	.3 m	566-170-1	2. STLC		mg/l			Lead	Soil	ATL
7/12/2002	.3 m	566-170-1	3. STLC-DI		mg/l			Lead	Soil	ATL
7/12/2002	.3 m	566-170-1	4. TCLP		mg/l			Lead	Soil	ATL
7/12/2002	.3 m	566-170-1	5. PH						Soil	ATL
7/12/2002	.6 m	566-170-2	1. TTLC	28	mg/kg	5	7/16/2002	Lead	Soil	ATL
7/12/2002	.6 m	566-170-2	2. STLC		mg/l			Lead	Soil	ATL
7/12/2002	.6 m	566-170-2	3. STLC-DI		mg/l			Lead	Soil	ATL
7/12/2002	.6 m	566-170-2	4. TCLP		mg/l			Lead	Soil	ATL
7/12/2002	.6 m	566-170-2	5. PH						Soil	ATL
7/12/2002	.9 m	566-170-3	1. TTLC	97	mg/kg	5	7/16/2002	Lead	Soil	ATL
7/12/2002	.9 m	566-170-3	2. STLC	14	mg/l	0.2	7/23/2002	Lead	Soil	ATL
7/12/2002	.9 m	566-170-3	3. STLC-DI	ND	mg/l	0.2	7/23/2002	Lead	Soil	ATL
7/12/2002	.9 m	566-170-3	4. TCLP		mg/l			Lead	Soil	ATL
7/12/2002	.9 m	566-170-3	5. PH						Soil	ATL
7/12/2002	surface	566-171-0	1. TTLC	140	mg/kg	5	7/16/2002	Lead	Soil	ATL
7/12/2002	surface	566-171-0	2. STLC	48	mg/l	1	7/23/2002	Lead	Soil	ATL

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7/12/2002	surface	566-171-0	3. STLC-DI	0.25	mg/l	0.2	7/23/2002	Lead	Soil	ATL
7/12/2002	surface	566-171-0	4. TCLP		mg/l			Lead	Soil	ATL
7/12/2002	surface	566-171-0	5. PH	6.7		0.1	7/18/2002		Soil	ATL
7/12/2002	.3 m	566-171-1	1. TTLC	250	mg/kg	5	7/16/2002	Lead	Soil	ATL
7/12/2002	.3 m	566-171-1	2. STLC	150	mg/l	4	7/23/2002	Lead	Soil	ATL
7/12/2002	.3 m	566-171-1	3. STLC-DI	1.3	mg/l	0.2	7/23/2002	Lead	Soil	ATL
7/12/2002	.3 m	566-171-1	4. TCLP		mg/l			Lead	Soil	ATL
7/12/2002	.3 m	566-171-1	5. PH						Soil	ATL
7/12/2002	.6 m	566-171-2	1. TTLC	320	mg/kg	5	7/16/2002	Lead	Soil	ATL
7/12/2002	.6 m	566-171-2	2. STLC	100	mg/l	2	7/23/2002	Lead	Soil	ATL
7/12/2002	.6 m	566-171-2	3. STLC-DI	1.7	mg/l	0.2	7/23/2002	Lead	Soil	ATL
7/12/2002	.6 m	566-171-2	4. TCLP		mg/l			Lead	Soil	ATL
7/12/2002	.6 m	566-171-2	5. PH						Soil	ATL
7/12/2002	.9 m	566-171-3	1. TTLC	820	mg/kg	5	7/16/2002	Lead	Soil	ATL
7/12/2002	.9 m	566-171-3	2. STLC	170	mg/l	4	7/23/2002	Lead	Soil	ATL
7/12/2002	.9 m	566-171-3	3. STLC-DI	2.2	mg/l	0.2	7/23/2002	Lead	Soil	ATL
7/12/2002	.9 m	566-171-3	4. TCLP		mg/l			Lead	Soil	ATL
7/12/2002	.9 m	566-171-3	5. PH						Soil	ATL
7/12/2002	surface	566-172-0	1. TTLC	38	mg/kg	5	7/16/2002	Lead	Soil	ATL
7/12/2002	surface	566-172-0	2. STLC		mg/l			Lead	Soil	ATL
7/12/2002	surface	566-172-0	3. STLC-DI		mg/l			Lead	Soil	ATL
7/12/2002	surface	566-172-0	4. TCLP		mg/l			Lead	Soil	ATL
7/12/2002	surface	566-172-0	5. PH						Soil	ATL
7/12/2002	.3 m	566-172-1	1. TTLC	10	mg/kg	5	7/16/2002	Lead	Soil	ATL
7/12/2002	.3 m	566-172-1	2. STLC		mg/l			Lead	Soil	ATL
7/12/2002	.3 m	566-172-1	3. STLC-DI		mg/l			Lead	Soil	ATL
7/12/2002	.3 m	566-172-1	4. TCLP		mg/l			Lead	Soil	ATL
7/12/2002	.3 m	566-172-1	5. PH						Soil	ATL
7/12/2002	.6 m	566-172-2	1. TTLC	100	mg/kg	5	7/16/2002	Lead	Soil	ATL
7/12/2002	.6 m	566-172-2	2. STLC	19	mg/l	0.4	7/23/2002	Lead	Soil	ATL
7/12/2002	.6 m	566-172-2	3. STLC-DI	1.1	mg/l	0.2	7/23/2002	Lead	Soil	ATL
7/12/2002	.6 m	566-172-2	4. TCLP		mg/l			Lead	Soil	ATL
7/12/2002	.6 m	566-172-2	5. PH						Soil	ATL
7/12/2002	.9 m	566-172-3	1. TTLC	520	mg/kg	5	7/16/2002	Lead	Soil	ATL
7/12/2002	.9 m	566-172-3	2. STLC	1.1	mg/l	0.2	7/23/2002	Lead	Soil	ATL
7/12/2002	.9 m	566-172-3	3. STLC-DI		mg/l			Lead	Soil	ATL
7/12/2002	.9 m	566-172-3	4. TCLP		mg/l			Lead	Soil	ATL
7/12/2002	.9 m	566-172-3	5. PH						Soil	ATL
7/12/2002	surface	566-173-0	1. TTLC	280	mg/kg	5	7/16/2002	Lead	Soil	ATL
7/12/2002	surface	566-173-0	2. STLC	66	mg/l	2	7/23/2002	Lead	Soil	ATL
7/12/2002	surface	566-173-0	3. STLC-DI	0.74	mg/l	0.2	7/23/2002	Lead	Soil	ATL
7/12/2002	surface	566-173-0	4. TCLP		mg/l			Lead	Soil	ATL
7/12/2002	surface	566-173-0	5. PH						Soil	ATL
7/12/2002	.3 m	566-173-1	1. TTLC	170	mg/kg	5	7/16/2002	Lead	Soil	ATL
7/12/2002	.3 m	566-173-1	2. STLC	93	mg/l	2	7/23/2002	Lead	Soil	ATL
7/12/2002	.3 m	566-173-1	3. STLC-DI	3.5	mg/l	0.2	7/23/2002	Lead	Soil	ATL
7/12/2002	.3 m	566-173-1	4. TCLP		mg/l			Lead	Soil	ATL
7/12/2002	.3 m	566-173-1	5. PH						Soil	ATL
7/12/2002	.6 m	566-173-2	1. TTLC	86	mg/kg	5	7/16/2002	Lead	Soil	ATL
7/12/2002	.6 m	566-173-2	2. STLC	120	mg/l	2	7/23/2002	Lead	Soil	ATL
7/12/2002	.6 m	566-173-2	3. STLC-DI	7.2	mg/l	0.2	7/23/2002	Lead	Soil	ATL
7/12/2002	.6 m	566-173-2	4. TCLP		mg/l			Lead	Soil	ATL
7/12/2002	.6 m	566-173-2	5. PH	6.72		0.1	7/18/2002		Soil	ATL
7/12/2002	.9 m	566-173-3	1. TTLC	360	mg/kg	5	7/16/2002	Lead	Soil	ATL
7/12/2002	.9 m	566-173-3	2. STLC	110	mg/l	2	7/23/2002	Lead	Soil	ATL
7/12/2002	.9 m	566-173-3	3. STLC-DI	5	mg/l	0.2	7/23/2002	Lead	Soil	ATL
7/12/2002	.9 m	566-173-3	4. TCLP		mg/l			Lead	Soil	ATL
7/12/2002	.9 m	566-173-3	5. PH						Soil	ATL
7/12/2002	surface	566-174-0	1. TTLC	730	mg/kg	5	7/16/2002	Lead	Soil	ATL
7/12/2002	surface	566-174-0	2. STLC	83	mg/l	2	7/23/2002	Lead	Soil	ATL
7/12/2002	surface	566-174-0	3. STLC-DI	1.1	mg/l	0.2	7/23/2002	Lead	Soil	ATL

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7/12/2002	surface	566-174-0	4. TCLP		mg/l				Lead	Soil	ATL
7/12/2002	surface	566-174-0	5. PH							Soil	ATL
7/12/2002	.3 m	566-174-1	1. TTLC	130	mg/kg	5	7/16/2002		Lead	Soil	ATL
7/12/2002	.3 m	566-174-1	2. STLC	13	mg/l	0.2	7/23/2002		Lead	Soil	ATL
7/12/2002	.3 m	566-174-1	3. STLC-DI	0.37	mg/l	0.2	7/23/2002		Lead	Soil	ATL
7/12/2002	.3 m	566-174-1	4. TCLP		mg/l				Lead	Soil	ATL
7/12/2002	.3 m	566-174-1	5. PH							Soil	ATL
7/12/2002	.6 m	566-174-2	1. TTLC	36	mg/kg	5	7/16/2002		Lead	Soil	ATL
7/12/2002	.6 m	566-174-2	2. STLC		mg/l				Lead	Soil	ATL
7/12/2002	.6 m	566-174-2	3. STLC-DI		mg/l				Lead	Soil	ATL
7/12/2002	.6 m	566-174-2	4. TCLP		mg/l				Lead	Soil	ATL
7/12/2002	.6 m	566-174-2	5. PH							Soil	ATL
7/12/2002	.9 m	566-174-3	1. TTLC	33	mg/kg	5	7/16/2002		Lead	Soil	ATL
7/12/2002	.9 m	566-174-3	2. STLC		mg/l				Lead	Soil	ATL
7/12/2002	.9 m	566-174-3	3. STLC-DI		mg/l				Lead	Soil	ATL
7/12/2002	.9 m	566-174-3	4. TCLP		mg/l				Lead	Soil	ATL
7/12/2002	.9 m	566-174-3	5. PH							Soil	ATL
7/12/2002	surface	566-175-0	1. TTLC	640	mg/kg	5	7/16/2002		Lead	Soil	ATL
7/12/2002	surface	566-175-0	2. STLC	65	mg/l	2	7/23/2002		Lead	Soil	ATL
7/12/2002	surface	566-175-0	3. STLC-DI	1.3	mg/l	0.2	7/23/2002		Lead	Soil	ATL
7/12/2002	surface	566-175-0	4. TCLP		mg/l				Lead	Soil	ATL
7/12/2002	surface	566-175-0	5. PH							Soil	ATL
7/12/2002	.3 m	566-175-1	1. TTLC	460	mg/kg	5	7/16/2002		Lead	Soil	ATL
7/12/2002	.3 m	566-175-1	2. STLC	65	mg/l	2	7/23/2002		Lead	Soil	ATL
7/12/2002	.3 m	566-175-1	3. STLC-DI	2.1	mg/l	0.2	7/23/2002		Lead	Soil	ATL
7/12/2002	.3 m	566-175-1	4. TCLP		mg/l				Lead	Soil	ATL
7/12/2002	.3 m	566-175-1	5. PH							Soil	ATL
7/12/2002	.6 m	566-175-2	1. TTLC	29	mg/kg	5	7/16/2002		Lead	Soil	ATL
7/12/2002	.6 m	566-175-2	2. STLC		mg/l				Lead	Soil	ATL
7/12/2002	.6 m	566-175-2	3. STLC-DI		mg/l				Lead	Soil	ATL
7/12/2002	.6 m	566-175-2	4. TCLP		mg/l				Lead	Soil	ATL
7/12/2002	.6 m	566-175-2	5. PH							Soil	ATL
7/12/2002	.9 m	566-175-3	1. TTLC	27	mg/kg	5	7/16/2002		Lead	Soil	ATL
7/12/2002	.9 m	566-175-3	2. STLC		mg/l				Lead	Soil	ATL
7/12/2002	.9 m	566-175-3	3. STLC-DI		mg/l				Lead	Soil	ATL
7/12/2002	.9 m	566-175-3	4. TCLP		mg/l				Lead	Soil	ATL
7/12/2002	.9 m	566-175-3	5. PH							Soil	ATL
7/12/2002	surface	566-176-0	1. TTLC	680	mg/kg	5	7/16/2002		Lead	Soil	ATL
7/12/2002	surface	566-176-0	2. STLC	71	mg/l	2	7/23/2002		Lead	Soil	ATL
7/12/2002	surface	566-176-0	3. STLC-DI	2.2	mg/l	0.2	7/23/2002		Lead	Soil	ATL
7/12/2002	surface	566-176-0	4. TCLP		mg/l				Lead	Soil	ATL
7/12/2002	surface	566-176-0	5. PH	7.21		0.1	7/18/2002			Soil	ATL
7/12/2002	.3 m	566-176-1	1. TTLC	110	mg/kg	5	7/16/2002		Lead	Soil	ATL
7/12/2002	.3 m	566-176-1	2. STLC	9.3	mg/l	0.2	7/23/2002		Lead	Soil	ATL
7/12/2002	.3 m	566-176-1	3. STLC-DI	0.6	mg/l	0.2	7/23/2002		Lead	Soil	ATL
7/12/2002	.3 m	566-176-1	4. TCLP		mg/l				Lead	Soil	ATL
7/12/2002	.3 m	566-176-1	5. PH							Soil	ATL
7/12/2002	.6 m	566-176-2	1. TTLC	63	mg/kg	5	7/16/2002		Lead	Soil	ATL
7/12/2002	.6 m	566-176-2	2. STLC	2.8	mg/l	0.2	7/23/2002		Lead	Soil	ATL
7/12/2002	.6 m	566-176-2	3. STLC-DI		mg/l				Lead	Soil	ATL
7/12/2002	.6 m	566-176-2	4. TCLP		mg/l				Lead	Soil	ATL
7/12/2002	.6 m	566-176-2	5. PH							Soil	ATL
7/12/2002	.9 m	566-176-3	1. TTLC	23	mg/kg	5	7/16/2002		Lead	Soil	ATL
7/12/2002	.9 m	566-176-3	2. STLC		mg/l				Lead	Soil	ATL
7/12/2002	.9 m	566-176-3	3. STLC-DI		mg/l				Lead	Soil	ATL
7/12/2002	.9 m	566-176-3	4. TCLP		mg/l				Lead	Soil	ATL
7/12/2002	.9 m	566-176-3	5. PH							Soil	ATL
7/12/2002	surface	566-177-0	1. TTLC	360	mg/kg	5	7/16/2002		Lead	Soil	ATL
7/12/2002	surface	566-177-0	2. STLC	99	mg/l	2	7/23/2002		Lead	Soil	ATL
7/12/2002	surface	566-177-0	3. STLC-DI	1.7	mg/l	0.2	7/23/2002		Lead	Soil	ATL
7/12/2002	surface	566-177-0	4. TCLP						Lead	Soil	ATL

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7/12/2002	surface	566-177-0	5. PH						Soil	ATL	
7/12/2002	.3 m	566-177-1	1. TTLC	950	mg/kg	5		7/16/2002	Lead	Soil	ATL
7/12/2002	.3 m	566-177-1	2. STLC	190	mg/l	4		7/23/2002	Lead	Soil	ATL
7/12/2002	.3 m	566-177-1	3. STLC-DI	12	mg/l	0.2		7/23/2002	Lead	Soil	ATL
7/12/2002	.3 m	566-177-1	4. TCLP		mg/l				Lead	Soil	ATL
7/12/2002	.3 m	566-177-1	5. PH							Soil	ATL
7/12/2002	.6 m	566-177-2	1. TTLC	470	mg/kg	5		7/16/2002	Lead	Soil	ATL
7/12/2002	.6 m	566-177-2	2. STLC	24	mg/l	0.4		7/23/2002	Lead	Soil	ATL
7/12/2002	.6 m	566-177-2	3. STLC-DI	1.8	mg/l	0.2		7/23/2002	Lead	Soil	ATL
7/12/2002	.6 m	566-177-2	4. TCLP		mg/l				Lead	Soil	ATL
7/12/2002	.6 m	566-177-2	5. PH							Soil	ATL
7/12/2002	.9 m	566-177-3	1. TTLC	120	mg/kg	5		7/16/2002	Lead	Soil	ATL
7/12/2002	.9 m	566-177-3	2. STLC	8.2	mg/l	0.2		7/23/2002	Lead	Soil	ATL
7/12/2002	.9 m	566-177-3	3. STLC-DI	ND	mg/l	0.2		7/23/2002	Lead	Soil	ATL
7/12/2002	.9 m	566-177-3	4. TCLP		mg/l				Lead	Soil	ATL
7/12/2002	.9 m	566-177-3	5. PH							Soil	ATL
7/12/2002	surface	566-178-0	1. TTLC	890	mg/kg	5		7/16/2002	Lead	Soil	ATL
7/12/2002	surface	566-178-0	2. STLC	100	mg/l	2		7/23/2002	Lead	Soil	ATL
7/12/2002	surface	566-178-0	3. STLC-DI	2.4	mg/l	0.2		7/23/2002	Lead	Soil	ATL
7/12/2002	surface	566-178-0	4. TCLP		mg/l				Lead	Soil	ATL
7/12/2002	surface	566-178-0	5. PH							Soil	ATL
7/12/2002	.3 m	566-178-1	1. TTLC	230	mg/kg	5		7/16/2002	Lead	Soil	ATL
7/12/2002	.3 m	566-178-1	2. STLC	15	mg/l	0.2		7/23/2002	Lead	Soil	ATL
7/12/2002	.3 m	566-178-1	3. STLC-DI	ND	mg/l	0.2		7/23/2002	Lead	Soil	ATL
7/12/2002	.3 m	566-178-1	4. TCLP		mg/l				Lead	Soil	ATL
7/12/2002	.3 m	566-178-1	5. PH							Soil	ATL
7/12/2002	.6 m	566-178-2	1. TTLC	370	mg/kg	5		7/16/2002	Lead	Soil	ATL
7/12/2002	.6 m	566-178-2	2. STLC	57	mg/l	0.2		7/23/2002	Lead	Soil	ATL
7/12/2002	.6 m	566-178-2	3. STLC-DI	0.82	mg/l	0.2		7/23/2002	Lead	Soil	ATL
7/12/2002	.6 m	566-178-2	4. TCLP		mg/l				Lead	Soil	ATL
7/12/2002	.6 m	566-178-2	5. PH	7.16		0.1		7/16/2002		Soil	ATL
7/12/2002	.9 m	566-178-3	1. TTLC	17	mg/kg	5		7/16/2002	Lead	Soil	ATL
7/12/2002	.9 m	566-178-3	2. STLC		mg/l				Lead	Soil	ATL
7/12/2002	.9 m	566-178-3	3. STLC-DI		mg/l				Lead	Soil	ATL
7/12/2002	.9 m	566-178-3	4. TCLP		mg/l				Lead	Soil	ATL
7/12/2002	.9 m	566-178-3	5. PH							Soil	ATL
7/12/2002	surface	566-179-0	1. TTLC	500	mg/kg	5		7/16/2002	Lead	Soil	ATL
7/12/2002	surface	566-179-0	2. STLC	110	mg/l	2		7/23/2002	Lead	Soil	ATL
7/12/2002	surface	566-179-0	3. STLC-DI	1.1	mg/l	0.2		7/23/2002	Lead	Soil	ATL
7/12/2002	surface	566-179-0	4. TCLP		mg/l				Lead	Soil	ATL
7/12/2002	surface	566-179-0	5. PH							Soil	ATL
7/12/2002	.3 m	566-179-1	1. TTLC	47	mg/kg	5		7/16/2002	Lead	Soil	ATL
7/12/2002	.3 m	566-179-1	2. STLC		mg/l				Lead	Soil	ATL
7/12/2002	.3 m	566-179-1	3. STLC-DI		mg/l				Lead	Soil	ATL
7/12/2002	.3 m	566-179-1	4. TCLP		mg/l				Lead	Soil	ATL
7/12/2002	.3 m	566-179-1	5. PH							Soil	ATL
7/12/2002	.6 m	566-179-2	1. TTLC	48	mg/kg	5		7/16/2002	Lead	Soil	ATL
7/12/2002	.6 m	566-179-2	2. STLC		mg/l				Lead	Soil	ATL
7/12/2002	.6 m	566-179-2	3. STLC-DI		mg/l				Lead	Soil	ATL
7/12/2002	.6 m	566-179-2	4. TCLP		mg/l				Lead	Soil	ATL
7/12/2002	.6 m	566-179-2	5. PH							Soil	ATL
7/12/2002	.9 m	566-179-3	1. TTLC	23	mg/kg	5		7/16/2002	Lead	Soil	ATL
7/12/2002	.9 m	566-179-3	2. STLC		mg/l				Lead	Soil	ATL
7/12/2002	.9 m	566-179-3	3. STLC-DI		mg/l				Lead	Soil	ATL
7/12/2002	.9 m	566-179-3	4. TCLP		mg/l				Lead	Soil	ATL
7/12/2002	.9 m	566-179-3	5. PH							Soil	ATL
7/12/2002	surface	566-180-0	1. TTLC	590	mg/kg	5		7/16/2002	Lead	Soil	ATL
7/12/2002	surface	566-180-0	2. STLC	6.2	mg/l	0.2		7/23/2002	Lead	Soil	ATL
7/12/2002	surface	566-180-0	3. STLC-DI	0.8	mg/l	0.2		7/23/2002	Lead	Soil	ATL
7/12/2002	surface	566-180-0	4. TCLP		mg/l				Lead	Soil	ATL
7/12/2002	surface	566-180-0	5. PH							Soil	ATL

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7/12/2002	.3 m	566-180-1	1. TTLC	40	mg/kg	5	7/16/2002	Lead	Soil	ATL
7/12/2002	.3 m	566-180-1	2. STLC		mg/l			Lead	Soil	ATL
7/12/2002	.3 m	566-180-1	3. STLC-DI		mg/l			Lead	Soil	ATL
7/12/2002	.3 m	566-180-1	4. TCLP		mg/l			Lead	Soil	ATL
7/12/2002	.3 m	566-180-1	5. PH						Soil	ATL
7/12/2002	.6 m	566-180-2	1. TTLC	66	mg/kg	5	7/16/2002	Lead	Soil	ATL
7/12/2002	.6 m	566-180-2	2. STLC	2.7	mg/l	0.2	7/23/2002	Lead	Soil	ATL
7/12/2002	.6 m	566-180-2	3. STLC-DI		mg/l			Lead	Soil	ATL
7/12/2002	.6 m	566-180-2	4. TCLP		mg/l			Lead	Soil	ATL
7/12/2002	.6 m	566-180-2	5. PH						Soil	ATL
	.9 m	566-180-3	1. TTLC		mg/kg			Lead	Soil	ATL
	.9 m	566-180-3	2. STLC		mg/l			Lead	Soil	ATL
	.9 m	566-180-3	3. STLC-DI		mg/l			Lead	Soil	ATL
	.9 m	566-180-3	4. TCLP		mg/l			Lead	Soil	ATL
	.9 m	566-180-3	5. PH						Soil	ATL
7/15/2002	surface	566-181-0	1. TTLC	470	mg/kg	5	7/19/2002	Lead	Soil	ATL
7/15/2002	surface	566-181-0	2. STLC	51	mg/l	2	7/28/2002	Lead	Soil	ATL
7/15/2002	surface	566-181-0	3. STLC-DI	1.9	mg/l	0.2	7/28/2002	Lead	Soil	ATL
7/15/2002	surface	566-181-0	4. TCLP		mg/l			Lead	Soil	ATL
7/15/2002	surface	566-181-0	5. PH	8.52		0.1	7/19/2002		Soil	ATL
7/15/2002	.3 m	566-181-1	1. TTLC	30	mg/kg	5	7/19/2002	Lead	Soil	ATL
7/15/2002	.3 m	566-181-1	2. STLC		mg/l			Lead	Soil	ATL
7/15/2002	.3 m	566-181-1	3. STLC-DI		mg/l			Lead	Soil	ATL
7/15/2002	.3 m	566-181-1	4. TCLP		mg/l			Lead	Soil	ATL
7/15/2002	.3 m	566-181-1	5. PH						Soil	ATL
7/15/2002	.6 m	566-181-2	1. TTLC	72	mg/kg	5	7/19/2002	Lead	Soil	ATL
7/15/2002	.6 m	566-181-2	2. STLC	5.5	mg/l	0.2	7/28/2002	Lead	Soil	ATL
7/15/2002	.6 m	566-181-2	3. STLC-DI	0.36	mg/l	0.2	7/28/2002	Lead	Soil	ATL
7/15/2002	.6 m	566-181-2	4. TCLP		mg/l			Lead	Soil	ATL
7/15/2002	.6 m	566-181-2	5. PH						Soil	ATL
7/15/2002	.9 m	566-181-3	1. TTLC	9.8	mg/kg	5	7/19/2002	Lead	Soil	ATL
7/15/2002	.9 m	566-181-3	2. STLC		mg/l			Lead	Soil	ATL
7/15/2002	.9 m	566-181-3	3. STLC-DI		mg/l			Lead	Soil	ATL
7/15/2002	.9 m	566-181-3	4. TCLP		mg/l			Lead	Soil	ATL
7/15/2002	.9 m	566-181-3	5. PH						Soil	ATL
7/15/2002	surface	566-182-0	1. TTLC	710	mg/kg	5	7/19/2002	Lead	Soil	ATL
7/15/2002	surface	566-182-0	2. STLC	70	mg/l	2	7/28/2002	Lead	Soil	ATL
7/15/2002	surface	566-182-0	3. STLC-DI	3.5	mg/l	0.2	7/28/2002	Lead	Soil	ATL
7/15/2002	surface	566-182-0	4. TCLP		mg/l			Lead	Soil	ATL
7/15/2002	surface	566-182-0	5. PH						Soil	ATL
7/15/2002	.3 m	566-182-1	1. TTLC	180	mg/kg	5	7/19/2002	Lead	Soil	ATL
7/15/2002	.3 m	566-182-1	2. STLC	14	mg/l	0.4	7/28/2002	Lead	Soil	ATL
7/15/2002	.3 m	566-182-1	3. STLC-DI	0.86	mg/l	0.2	7/28/2002	Lead	Soil	ATL
7/15/2002	.3 m	566-182-1	4. TCLP		mg/l			Lead	Soil	ATL
7/15/2002	.3 m	566-182-1	5. PH						Soil	ATL
7/15/2002	.6 m	566-182-2	1. TTLC	170	mg/kg	5	7/19/2002	Lead	Soil	ATL
7/15/2002	.6 m	566-182-2	2. STLC	13	mg/l	0.4	7/28/2002	Lead	Soil	ATL
7/15/2002	.6 m	566-182-2	3. STLC-DI	0.39	mg/l	0.2	7/28/2002	Lead	Soil	ATL
7/15/2002	.6 m	566-182-2	4. TCLP		mg/l			Lead	Soil	ATL
7/15/2002	.6 m	566-182-2	5. PH						Soil	ATL
7/15/2002	.9 m	566-182-3	1. TTLC	160	mg/kg	5	7/19/2002	Lead	Soil	ATL
7/15/2002	.9 m	566-182-3	2. STLC	8.3	mg/l	0.2	7/28/2002	Lead	Soil	ATL
7/15/2002	.9 m	566-182-3	3. STLC-DI	0.23	mg/l	0.2	7/28/2002	Lead	Soil	ATL
7/15/2002	.9 m	566-182-3	4. TCLP		mg/l			Lead	Soil	ATL
7/15/2002	.9 m	566-182-3	5. PH						Soil	ATL
7/15/2002	surface	566-183-0	1. TTLC	720	mg/kg	5	7/19/2002	Lead	Soil	ATL
7/15/2002	surface	566-183-0	2. STLC	63	mg/l	2	7/28/2002	Lead	Soil	ATL
7/15/2002	surface	566-183-0	3. STLC-DI	1.1	mg/l	0.2	7/28/2002	Lead	Soil	ATL
7/15/2002	surface	566-183-0	4. TCLP		mg/l			Lead	Soil	ATL
7/15/2002	surface	566-183-0	5. PH						Soil	ATL
7/15/2002	.3 m	566-183-1	1. TTLC	350	mg/kg	5	7/19/2002	Lead	Soil	ATL

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7/15/2002	.3 m	566-183-1	2. STLC	26	mg/l	0.8	7/28/2002	Lead	Soil	ATL
7/15/2002	.3 m	566-183-1	3. STLC-DI	0.56	mg/l	0.2	7/28/2002	Lead	Soil	ATL
7/15/2002	.3 m	566-183-1	4. TCLP		mg/l			Lead	Soil	ATL
7/15/2002	.3 m	566-183-1	5. PH	7.29		0.1	7/19/2002		Soil	ATL
7/15/2002	.6 m	566-183-2	1. TTLC	54	mg/kg	5	7/19/2002	Lead	Soil	ATL
7/15/2002	.6 m	566-183-2	2. STLC	3.9	mg/l	0.2	7/28/2002	Lead	Soil	ATL
7/15/2002	.6 m	566-183-2	3. STLC-DI		mg/l			Lead	Soil	ATL
7/15/2002	.6 m	566-183-2	4. TCLP		mg/l			Lead	Soil	ATL
7/15/2002	.6 m	566-183-2	5. PH						Soil	ATL
7/15/2002	.9 m	566-183-3	1. TTLC	31	mg/kg	5	7/19/2002	Lead	Soil	ATL
7/15/2002	.9 m	566-183-3	2. STLC		mg/l			Lead	Soil	ATL
7/15/2002	.9 m	566-183-3	3. STLC-DI		mg/l			Lead	Soil	ATL
7/15/2002	.9 m	566-183-3	4. TCLP		mg/l			Lead	Soil	ATL
7/15/2002	.9 m	566-183-3	5. PH						Soil	ATL
7/15/2002	surface	566-184-0	1. TTLC	1400	mg/kg	5	7/19/2002	Lead	Soil	ATL
7/15/2002	surface	566-184-0	2. STLC		mg/l			Lead	Soil	ATL
7/15/2002	surface	566-184-0	3. STLC-DI		mg/l			Lead	Soil	ATL
7/15/2002	surface	566-184-0	4. TCLP	3.5	mg/l	0.2	7/26/2002	Lead	Soil	ATL
7/15/2002	surface	566-184-0	5. PH						Soil	ATL
7/15/2002	.3 m	566-184-1	1. TTLC	560	mg/kg	5	7/19/2002	Lead	Soil	ATL
7/15/2002	.3 m	566-184-1	2. STLC	52	mg/l	2	7/28/2002	Lead	Soil	ATL
7/15/2002	.3 m	566-184-1	3. STLC-DI	1.8	mg/l	0.2	7/28/2002	Lead	Soil	ATL
7/15/2002	.3 m	566-184-1	4. TCLP		mg/l			Lead	Soil	ATL
7/15/2002	.3 m	566-184-1	5. PH						Soil	ATL
7/15/2002	.6 m	566-184-2	1. TTLC	210	mg/kg	5	7/19/2002	Lead	Soil	ATL
7/15/2002	.6 m	566-184-2	2. STLC	15	mg/l	0.4	7/28/2002	Lead	Soil	ATL
7/15/2002	.6 m	566-184-2	3. STLC-DI	1.3	mg/l	0.2	7/28/2002	Lead	Soil	ATL
7/15/2002	.6 m	566-184-2	4. TCLP		mg/l			Lead	Soil	ATL
7/15/2002	.6 m	566-184-2	5. PH						Soil	ATL
7/15/2002	.9 m	566-184-3	1. TTLC	420	mg/kg	5	7/19/2002	Lead	Soil	ATL
7/15/2002	.9 m	566-184-3	2. STLC	25	mg/l	0.8	7/28/2002	Lead	Soil	ATL
7/15/2002	.9 m	566-184-3	3. STLC-DI	2.6	mg/l	0.2	7/28/2002	Lead	Soil	ATL
7/15/2002	.9 m	566-184-3	4. TCLP		mg/l			Lead	Soil	ATL
7/15/2002	.9 m	566-184-3	5. PH						Soil	ATL
7/15/2002	surface	566-185-0	1. TTLC	450	mg/kg	5	7/19/2002	Lead	Soil	ATL
7/15/2002	surface	566-185-0	2. STLC	34	mg/l	0.8	7/28/2002	Lead	Soil	ATL
7/15/2002	surface	566-185-0	3. STLC-DI	0.5	mg/l	0.2	7/28/2002	Lead	Soil	ATL
7/15/2002	surface	566-185-0	4. TCLP		mg/l			Lead	Soil	ATL
7/15/2002	surface	566-185-0	5. PH						Soil	ATL
7/15/2002	.3 m	566-185-1	1. TTLC	780	mg/kg	5	7/19/2002	Lead	Soil	ATL
7/15/2002	.3 m	566-185-1	2. STLC	91	mg/l	2	7/28/2002	Lead	Soil	ATL
7/15/2002	.3 m	566-185-1	3. STLC-DI	3.4	mg/l	0.2	7/28/2002	Lead	Soil	ATL
7/15/2002	.3 m	566-185-1	4. TCLP		mg/l			Lead	Soil	ATL
7/15/2002	.3 m	566-185-1	5. PH						Soil	ATL
7/15/2002	.6 m	566-185-2	1. TTLC	1800	mg/kg	5	7/19/2002	Lead	Soil	ATL
7/15/2002	.6 m	566-185-2	2. STLC		mg/l			Lead	Soil	ATL
7/15/2002	.6 m	566-185-2	3. STLC-DI		mg/l			Lead	Soil	ATL
7/15/2002	.6 m	566-185-2	4. TCLP	9.1	mg/l	0.2	7/26/2002	Lead	Soil	ATL
7/15/2002	.6 m	566-185-2	5. PH						Soil	ATL
7/15/2002	.9 m	566-185-3	1. TTLC	500	mg/kg	5	7/19/2002	Lead	Soil	ATL
7/15/2002	.9 m	566-185-3	2. STLC	43	mg/l	2	7/28/2002	Lead	Soil	ATL
7/15/2002	.9 m	566-185-3	3. STLC-DI	3.2	mg/l	0.2	7/28/2002	Lead	Soil	ATL
7/15/2002	.9 m	566-185-3	4. TCLP		mg/l			Lead	Soil	ATL
7/15/2002	.9 m	566-185-3	5. PH	7.19		0.1	7/19/2002		Soil	ATL
7/15/2002	surface	566-186-0	1. TTLC	260	mg/kg	5	7/19/2002	Lead	Soil	ATL
7/15/2002	surface	566-186-0	2. STLC	26	mg/l	0.8	7/28/2002	Lead	Soil	ATL
7/15/2002	surface	566-186-0	3. STLC-DI	0.28	mg/l	0.2	7/28/2002	Lead	Soil	ATL
7/15/2002	surface	566-186-0	4. TCLP		mg/l			Lead	Soil	ATL
7/15/2002	surface	566-186-0	5. PH						Soil	ATL
7/15/2002	.3 m	566-186-1	1. TTLC	480	mg/kg	5	7/19/2002	Lead	Soil	ATL
7/15/2002	.3 m	566-186-1	2. STLC	55	mg/l	2	7/28/2002	Lead	Soil	ATL

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7/15/2002	.3 m	566-186-1	3. STLC-DI	0.6	mg/l	0.2	7/28/2002	Lead	Soil	ATL
7/15/2002	.3 m	566-186-1	4. TCLP		mg/l			Lead	Soil	ATL
7/15/2002	.3 m	566-186-1	5. PH						Soil	ATL
7/15/2002	.6 m	566-186-2	1. TTLC	750	mg/kg	5	7/19/2002	Lead	Soil	ATL
7/15/2002	.6 m	566-186-2	2. STLC	88	mg/l	2	7/28/2002	Lead	Soil	ATL
7/15/2002	.6 m	566-186-2	3. STLC-DI	2.3	mg/l	0.2	7/28/2002	Lead	Soil	ATL
7/15/2002	.6 m	566-186-2	4. TCLP		mg/l			Lead	Soil	ATL
7/15/2002	.6 m	566-186-2	5. PH						Soil	ATL
	.9 m	566-186-3	1. TTLC		mg/kg			Lead	Soil	ATL
	.9 m	566-186-3	2. STLC		mg/l			Lead	Soil	ATL
	.9 m	566-186-3	3. STLC-DI		mg/l			Lead	Soil	ATL
	.9 m	566-186-3	4. TCLP		mg/l			Lead	Soil	ATL
	.9 m	566-186-3	5. PH						Soil	ATL
7/15/2002	surface	566-187-0	1. TTLC	1000	mg/kg	5	7/19/2002	Lead	Soil	ATL
7/15/2002	surface	566-187-0	2. STLC		mg/l			Lead	Soil	ATL
7/15/2002	surface	566-187-0	3. STLC-DI		mg/l			Lead	Soil	ATL
7/15/2002	surface	566-187-0	4. TCLP	1.4	mg/l	0.2	7/26/2002	Lead	Soil	ATL
7/15/2002	surface	566-187-0	5. PH						Soil	ATL
7/15/2002	.3 m	566-187-1	1. TTLC	390	mg/kg	5	7/19/2002	Lead	Soil	ATL
7/15/2002	.3 m	566-187-1	2. STLC	35	mg/l	0.8	7/28/2002	Lead	Soil	ATL
7/15/2002	.3 m	566-187-1	3. STLC-DI	0.83	mg/l	0.2	7/28/2002	Lead	Soil	ATL
7/15/2002	.3 m	566-187-1	4. TCLP		mg/l			Lead	Soil	ATL
7/15/2002	.3 m	566-187-1	5. PH						Soil	ATL
7/15/2002	.6 m	566-187-2	1. TTLC	100	mg/kg	5	7/19/2002	Lead	Soil	ATL
7/15/2002	.6 m	566-187-2	2. STLC	4.4	mg/l	0.2	7/28/2002	Lead	Soil	ATL
7/15/2002	.6 m	566-187-2	3. STLC-DI		mg/l			Lead	Soil	ATL
7/15/2002	.6 m	566-187-2	4. TCLP		mg/l			Lead	Soil	ATL
7/15/2002	.6 m	566-187-2	5. PH						Soil	ATL
7/15/2002	.9 m	566-187-3	1. TTLC	22	mg/kg	5	7/19/2002	Lead	Soil	ATL
7/15/2002	.9 m	566-187-3	2. STLC		mg/l			Lead	Soil	ATL
7/15/2002	.9 m	566-187-3	3. STLC-DI		mg/l			Lead	Soil	ATL
7/15/2002	.9 m	566-187-3	4. TCLP		mg/l			Lead	Soil	ATL
7/15/2002	.9 m	566-187-3	5. PH						Soil	ATL
7/15/2002	surface	566-188-0	1. TTLC	1100	mg/kg	5	7/19/2002	Lead	Soil	ATL
7/15/2002	surface	566-188-0	2. STLC		mg/l			Lead	Soil	ATL
7/15/2002	surface	566-188-0	3. STLC-DI		mg/l			Lead	Soil	ATL
7/15/2002	surface	566-188-0	4. TCLP	5.4	mg/l	0.2	7/26/2002	Lead	Soil	ATL
7/15/2002	surface	566-188-0	5. PH						Soil	ATL
7/15/2002	.3 m	566-188-1	1. TTLC	1100	mg/kg	5	7/19/2002	Lead	Soil	ATL
7/15/2002	.3 m	566-188-1	2. STLC		mg/l			Lead	Soil	ATL
7/15/2002	.3 m	566-188-1	3. STLC-DI		mg/l			Lead	Soil	ATL
7/15/2002	.3 m	566-188-1	4. TCLP	3.3	mg/l	0.2	7/26/2002	Lead	Soil	ATL
7/15/2002	.3 m	566-188-1	5. PH						Soil	ATL
7/15/2002	.6 m	566-188-2	1. TTLC	1100	mg/kg	5	7/19/2002	Lead	Soil	ATL
7/15/2002	.6 m	566-188-2	2. STLC		mg/l			Lead	Soil	ATL
7/15/2002	.6 m	566-188-2	3. STLC-DI		mg/l			Lead	Soil	ATL
7/15/2002	.6 m	566-188-2	4. TCLP	0.43	mg/l	0.2	7/26/2002	Lead	Soil	ATL
7/15/2002	.6 m	566-188-2	5. PH	7.44		0.1	7/19/2002		Soil	ATL
7/15/2002	.9 m	566-188-3	1. TTLC	550	mg/kg	5	7/19/2002	Lead	Soil	ATL
7/15/2002	.9 m	566-188-3	2. STLC	54	mg/l	2	7/28/2002	Lead	Soil	ATL
7/15/2002	.9 m	566-188-3	3. STLC-DI	1.4	mg/l	0.2	7/28/2002	Lead	Soil	ATL
7/15/2002	.9 m	566-188-3	4. TCLP		mg/l			Lead	Soil	ATL
7/15/2002	.9 m	566-188-3	5. PH						Soil	ATL
7/15/2002	surface	566-189-0	1. TTLC	270	mg/kg	5	7/19/2002	Lead	Soil	ATL
7/15/2002	surface	566-189-0	2. STLC	50	mg/l	2	7/28/2002	Lead	Soil	ATL
7/15/2002	surface	566-189-0	3. STLC-DI	ND	mg/l	0.2	7/28/2002	Lead	Soil	ATL
7/15/2002	surface	566-189-0	4. TCLP		mg/l			Lead	Soil	ATL
7/15/2002	surface	566-189-0	5. PH						Soil	ATL
7/15/2002	.3 m	566-189-1	1. TTLC	560	mg/kg	5	7/19/2002	Lead	Soil	ATL
7/15/2002	.3 m	566-189-1	2. STLC	62	mg/l	2	7/28/2002	Lead	Soil	ATL
7/15/2002	.3 m	566-189-1	3. STLC-DI	5	mg/l	0.2	7/28/2002	Lead	Soil	ATL

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7/15/2002	.3 m	566-189-1	4. TCLP		mg/l			Lead	Soil	ATL
7/15/2002	.3 m	566-189-1	5. PH						Soil	ATL
7/15/2002	.6 m	566-189-2	1. TTLC	47	mg/kg	5	7/19/2002	Lead	Soil	ATL
7/15/2002	.6 m	566-189-2	2. STLC		mg/l			Lead	Soil	ATL
7/15/2002	.6 m	566-189-2	3. STLC-DI		mg/l			Lead	Soil	ATL
7/15/2002	.6 m	566-189-2	4. TCLP		mg/l			Lead	Soil	ATL
7/15/2002	.6 m	566-189-2	5. PH						Soil	ATL
7/15/2002	.9 m	566-189-3	1. TTLC	100	mg/kg	5	7/19/2002	Lead	Soil	ATL
7/15/2002	.9 m	566-189-3	2. STLC	6.6	mg/l	0.2	7/28/2002	Lead	Soil	ATL
7/15/2002	.9 m	566-189-3	3. STLC-DI	0.37	mg/l	0.2	7/28/2002	Lead	Soil	ATL
7/15/2002	.9 m	566-189-3	4. TCLP		mg/l			Lead	Soil	ATL
7/15/2002	.9 m	566-189-3	5. PH						Soil	ATL
7/15/2002	surface	566-190-0	1. TTLC	240	mg/kg	5	7/19/2002	Lead	Soil	ATL
7/15/2002	surface	566-190-0	2. STLC	16	mg/l	0.4	7/28/2002	Lead	Soil	ATL
7/15/2002	surface	566-190-0	3. STLC-DI	0.2	mg/l	0.2	7/28/2002	Lead	Soil	ATL
7/15/2002	surface	566-190-0	4. TCLP		mg/l			Lead	Soil	ATL
7/15/2002	surface	566-190-0	5. PH						Soil	ATL
7/15/2002	.3 m	566-190-1	1. TTLC	100	mg/kg	5	7/19/2002	Lead	Soil	ATL
7/15/2002	.3 m	566-190-1	2. STLC	7.9	mg/l	0.2	7/28/2002	Lead	Soil	ATL
7/15/2002	.3 m	566-190-1	3. STLC-DI	ND	mg/l	0.2	7/28/2002	Lead	Soil	ATL
7/15/2002	.3 m	566-190-1	4. TCLP		mg/l			Lead	Soil	ATL
7/15/2002	.3 m	566-190-1	5. PH						Soil	ATL
7/15/2002	.6 m	566-190-2	1. TTLC	1500	mg/kg	5	7/19/2002	Lead	Soil	ATL
7/15/2002	.6 m	566-190-2	2. STLC		mg/l			Lead	Soil	ATL
7/15/2002	.6 m	566-190-2	3. STLC-DI		mg/l			Lead	Soil	ATL
7/15/2002	.6 m	566-190-2	4. TCLP	4.8	mg/l	0.2	4/26/2002	Lead	Soil	ATL
7/15/2002	.6 m	566-190-2	5. PH						Soil	ATL
7/15/2002	.9 m	566-190-3	1. TTLC	120	mg/kg	5	7/19/2002	Lead	Soil	ATL
7/15/2002	.9 m	566-190-3	2. STLC	12	mg/l	0.4	7/28/2002	Lead	Soil	ATL
7/15/2002	.9 m	566-190-3	3. STLC-DI	0.85	mg/l	0.2	7/28/2002	Lead	Soil	ATL
7/15/2002	.9 m	566-190-3	4. TCLP		mg/l			Lead	Soil	ATL
7/15/2002	.9 m	566-190-3	5. PH						Soil	ATL
7/15/2002	surface	566-191-0	1. TTLC	530	mg/kg	5	7/19/2002	Lead	Soil	ATL
7/15/2002	surface	566-191-0	2. STLC	83	mg/l	2	7/28/2002	Lead	Soil	ATL
7/15/2002	surface	566-191-0	3. STLC-DI	0.6	mg/l	0.2	7/28/2002	Lead	Soil	ATL
7/15/2002	surface	566-191-0	4. TCLP		mg/l			Lead	Soil	ATL
7/15/2002	surface	566-191-0	5. PH	7.56		0.1	7/19/2002		Soil	ATL
7/15/2002	.3 m	566-191-1	1. TTLC	650	mg/kg	5	7/19/2002	Lead	Soil	ATL
7/15/2002	.3 m	566-191-1	2. STLC	62	mg/l	2	7/28/2002	Lead	Soil	ATL
7/15/2002	.3 m	566-191-1	3. STLC-DI	2.3	mg/l	0.2	7/28/2002	Lead	Soil	ATL
7/15/2002	.3 m	566-191-1	4. TCLP		mg/l			Lead	Soil	ATL
7/15/2002	.3 m	566-191-1	5. PH						Soil	ATL
7/15/2002	.6 m	566-191-2	1. TTLC	48	mg/kg	5	7/19/2002	Lead	Soil	ATL
7/15/2002	.6 m	566-191-2	2. STLC		mg/l			Lead	Soil	ATL
7/15/2002	.6 m	566-191-2	3. STLC-DI		mg/l			Lead	Soil	ATL
7/15/2002	.6 m	566-191-2	4. TCLP		mg/l			Lead	Soil	ATL
7/15/2002	.6 m	566-191-2	5. PH						Soil	ATL
7/15/2002	.9 m	566-191-3	1. TTLC	89	mg/kg	5	7/19/2002	Lead	Soil	ATL
7/15/2002	.9 m	566-191-3	2. STLC	1.7	mg/l	0.2	7/28/2002	Lead	Soil	ATL
7/15/2002	.9 m	566-191-3	3. STLC-DI		mg/l			Lead	Soil	ATL
7/15/2002	.9 m	566-191-3	4. TCLP		mg/l			Lead	Soil	ATL
7/15/2002	.9 m	566-191-3	5. PH						Soil	ATL
7/15/2002	surface	566-192-0	1. TTLC	410	mg/kg	5	7/19/2002	Lead	Soil	ATL
7/15/2002	surface	566-192-0	2. STLC	43	mg/l	1.6	7/27/2002	Lead	Soil	ATL
7/15/2002	surface	566-192-0	3. STLC-DI	1.1	mg/l	0.2	7/28/2002	Lead	Soil	ATL
7/15/2002	surface	566-192-0	4. TCLP		mg/l			Lead	Soil	ATL
7/15/2002	surface	566-192-0	5. PH						Soil	ATL
7/15/2002	.3 m	566-192-1	1. TTLC	90	mg/kg	5	7/19/2002	Lead	Soil	ATL
7/15/2002	.3 m	566-192-1	2. STLC	5.8	mg/l	0.2	7/27/2002	Lead	Soil	ATL
7/15/2002	.3 m	566-192-1	3. STLC-DI	0.29	mg/l	0.2	7/28/2002	Lead	Soil	ATL
7/15/2002	.3 m	566-192-1	4. TCLP					Lead	Soil	ATL

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7/15/2002	.3 m	566-192-1	5. PH						Soil	ATL	
7/15/2002	.6 m	566-192-2	1. TTLC	250	mg/kg	5		7/19/2002	Lead	Soil	ATL
7/15/2002	.6 m	566-192-2	2. STLC	28	mg/l	0.8		7/27/2002	Lead	Soil	ATL
7/15/2002	.6 m	566-192-2	3. STLC-DI	1.8	mg/l	0.2		7/28/2002	Lead	Soil	ATL
7/15/2002	.6 m	566-192-2	4. TCLP		mg/l				Lead	Soil	ATL
7/15/2002	.6 m	566-192-2	5. PH							Soil	ATL
7/15/2002	.9 m	566-192-3	1. TTLC	360	mg/kg	5		7/19/2002	Lead	Soil	ATL
7/15/2002	.9 m	566-192-3	2. STLC	29	mg/l	0.8		7/27/2002	Lead	Soil	ATL
7/15/2002	.9 m	566-192-3	3. STLC-DI	1.6	mg/l	0.2		7/28/2002	Lead	Soil	ATL
7/15/2002	.9 m	566-192-3	4. TCLP		mg/l				Lead	Soil	ATL
7/15/2002	.9 m	566-192-3	5. PH							Soil	ATL
7/15/2002	surface	566-193-0	1. TTLC	940	mg/kg	5		7/19/2002	Lead	Soil	ATL
7/15/2002	surface	566-193-0	2. STLC	43	mg/l	1.6		7/27/2002	Lead	Soil	ATL
7/15/2002	surface	566-193-0	3. STLC-DI	1	mg/l	0.2		7/28/2002	Lead	Soil	ATL
7/15/2002	surface	566-193-0	4. TCLP		mg/l				Lead	Soil	ATL
7/15/2002	surface	566-193-0	5. PH							Soil	ATL
7/15/2002	.3 m	566-193-1	1. TTLC	870	mg/kg	5		7/19/2002	Lead	Soil	ATL
7/15/2002	.3 m	566-193-1	2. STLC	95	mg/l	3.2		7/27/2002	Lead	Soil	ATL
7/15/2002	.3 m	566-193-1	3. STLC-DI	3.1	mg/l	0.2		7/28/2002	Lead	Soil	ATL
7/15/2002	.3 m	566-193-1	4. TCLP		mg/l				Lead	Soil	ATL
7/15/2002	.3 m	566-193-1	5. PH							Soil	ATL
7/15/2002	.6 m	566-193-2	1. TTLC	69	mg/kg	5		7/19/2002	Lead	Soil	ATL
7/15/2002	.6 m	566-193-2	2. STLC	5.5	mg/l	0.2		7/27/2002	Lead	Soil	ATL
7/15/2002	.6 m	566-193-2	3. STLC-DI	ND	mg/l	0.2		7/28/2002	Lead	Soil	ATL
7/15/2002	.6 m	566-193-2	4. TCLP		mg/l				Lead	Soil	ATL
7/15/2002	.6 m	566-193-2	5. PH	7.86		0.1		7/19/2002		Soil	ATL
	.9 m	566-193-3	1. TTLC		mg/kg				Lead	Soil	ATL
	.9 m	566-193-3	2. STLC		mg/l				Lead	Soil	ATL
	.9 m	566-193-3	3. STLC-DI		mg/l				Lead	Soil	ATL
	.9 m	566-193-3	4. TCLP		mg/l				Lead	Soil	ATL
	.9 m	566-193-3	5. PH							Soil	ATL
7/15/2002	surface	566-194-0	1. TTLC	1100	mg/kg	5		7/19/2002	Lead	Soil	ATL
7/15/2002	surface	566-194-0	2. STLC		mg/l				Lead	Soil	ATL
7/15/2002	surface	566-194-0	3. STLC-DI		mg/l				Lead	Soil	ATL
7/15/2002	surface	566-194-0	4. TCLP	4.9	mg/l	0.2		7/26/2002	Lead	Soil	ATL
7/15/2002	surface	566-194-0	5. PH							Soil	ATL
7/15/2002	.3 m	566-194-1	1. TTLC	690	mg/kg	5		7/19/2002	Lead	Soil	ATL
7/15/2002	.3 m	566-194-1	2. STLC	49	mg/l	1.6		7/27/2002	Lead	Soil	ATL
7/15/2002	.3 m	566-194-1	3. STLC-DI	1.3	mg/l	0.2		7/28/2002	Lead	Soil	ATL
7/15/2002	.3 m	566-194-1	4. TCLP		mg/l				Lead	Soil	ATL
7/15/2002	.3 m	566-194-1	5. PH							Soil	ATL
7/15/2002	.6 m	566-194-2	1. TTLC	750	mg/kg	5		7/19/2002	Lead	Soil	ATL
7/15/2002	.6 m	566-194-2	2. STLC	63	mg/l	1.6		7/27/2002	Lead	Soil	ATL
7/15/2002	.6 m	566-194-2	3. STLC-DI	1	mg/l	0.2		7/28/2002	Lead	Soil	ATL
7/15/2002	.6 m	566-194-2	4. TCLP		mg/l				Lead	Soil	ATL
7/15/2002	.6 m	566-194-2	5. PH							Soil	ATL
	.9 m	566-194-3	1. TTLC		mg/kg				Lead	Soil	ATL
	.9 m	566-194-3	2. STLC		mg/l				Lead	Soil	ATL
	.9 m	566-194-3	3. STLC-DI		mg/l				Lead	Soil	ATL
	.9 m	566-194-3	4. TCLP		mg/l				Lead	Soil	ATL
	.9 m	566-194-3	5. PH							Soil	ATL
7/15/2002	surface	566-195-0	1. TTLC	500	mg/kg	5		7/19/2002	Lead	Soil	ATL
7/15/2002	surface	566-195-0	2. STLC	25	mg/l	0.8		7/27/2002	Lead	Soil	ATL
7/15/2002	surface	566-195-0	3. STLC-DI	0.3	mg/l	0.2		7/28/2002	Lead	Soil	ATL
7/15/2002	surface	566-195-0	4. TCLP		mg/l				Lead	Soil	ATL
7/15/2002	surface	566-195-0	5. PH							Soil	ATL
7/15/2002	.3 m	566-195-1	1. TTLC	620	mg/kg	5		7/19/2002	Lead	Soil	ATL
7/15/2002	.3 m	566-195-1	2. STLC	57	mg/l	1.6		7/27/2002	Lead	Soil	ATL
7/15/2002	.3 m	566-195-1	3. STLC-DI	1.7	mg/l	0.2		7/28/2002	Lead	Soil	ATL
7/15/2002	.3 m	566-195-1	4. TCLP		mg/l				Lead	Soil	ATL
7/15/2002	.3 m	566-195-1	5. PH							Soil	ATL

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7/15/2002	.6 m	566-195-2	1. TTLC	140	mg/kg	5	7/19/2002	Lead	Soil	ATL
7/15/2002	.6 m	566-195-2	2. STLC	8.2	mg/l	0.2	7/27/2002	Lead	Soil	ATL
7/15/2002	.6 m	566-195-2	3. STLC-DI	ND	mg/l	0.2	7/28/2002	Lead	Soil	ATL
7/15/2002	.6 m	566-195-2	4. TCLP		mg/l			Lead	Soil	ATL
7/15/2002	.6 m	566-195-2	5. PH						Soil	ATL
7/15/2002	.9 m	566-195-3	1. TTLC	230	mg/kg	5	7/19/2002	Lead	Soil	ATL
7/15/2002	.9 m	566-195-3	2. STLC	14	mg/l	0.4	7/27/2002	Lead	Soil	ATL
7/15/2002	.9 m	566-195-3	3. STLC-DI	0.29	mg/l	0.2	7/28/2002	Lead	Soil	ATL
7/15/2002	.9 m	566-195-3	4. TCLP		mg/l			Lead	Soil	ATL
7/15/2002	.9 m	566-195-3	5. PH						Soil	ATL
7/15/2002	surface	566-196-0	1. TTLC	670	mg/kg	5	7/19/2002	Lead	Soil	ATL
7/15/2002	surface	566-196-0	2. STLC	29	mg/l	0.8	7/27/2002	Lead	Soil	ATL
7/15/2002	surface	566-196-0	3. STLC-DI	0.58	mg/l	0.2	7/28/2002	Lead	Soil	ATL
7/15/2002	surface	566-196-0	4. TCLP		mg/l			Lead	Soil	ATL
7/15/2002	surface	566-196-0	5. PH						Soil	ATL
7/15/2002	.3 m	566-196-1	1. TTLC	19	mg/kg	5	7/19/2002	Lead	Soil	ATL
7/15/2002	.3 m	566-196-1	2. STLC		mg/l			Lead	Soil	ATL
7/15/2002	.3 m	566-196-1	3. STLC-DI		mg/l			Lead	Soil	ATL
7/15/2002	.3 m	566-196-1	4. TCLP		mg/l			Lead	Soil	ATL
7/15/2002	.3 m	566-196-1	5. PH						Soil	ATL
7/15/2002	.6 m	566-196-2	1. TTLC	180	mg/kg	5	7/19/2002	Lead	Soil	ATL
7/15/2002	.6 m	566-196-2	2. STLC	13	mg/l	0.4	7/27/2002	Lead	Soil	ATL
7/15/2002	.6 m	566-196-2	3. STLC-DI	0.29	mg/l	0.2	7/28/2002	Lead	Soil	ATL
7/15/2002	.6 m	566-196-2	4. TCLP		mg/l			Lead	Soil	ATL
7/15/2002	.6 m	566-196-2	5. PH	8.45		0.1	7/19/2002		Soil	ATL
7/15/2002	.9 m	566-196-3	1. TTLC	34	mg/kg	5	7/19/2002	Lead	Soil	ATL
7/15/2002	.9 m	566-196-3	2. STLC		mg/l			Lead	Soil	ATL
7/15/2002	.9 m	566-196-3	3. STLC-DI		mg/l			Lead	Soil	ATL
7/15/2002	.9 m	566-196-3	4. TCLP		mg/l			Lead	Soil	ATL
7/15/2002	.9 m	566-196-3	5. PH						Soil	ATL
7/15/2002	surface	566-197-0	1. TTLC	170	mg/kg	5	7/19/2002	Lead	Soil	ATL
7/15/2002	surface	566-197-0	2. STLC	11	mg/l	0.4	7/27/2002	Lead	Soil	ATL
7/15/2002	surface	566-197-0	3. STLC-DI	ND	mg/l	0.2	7/28/2002	Lead	Soil	ATL
7/15/2002	surface	566-197-0	4. TCLP		mg/l			Lead	Soil	ATL
7/15/2002	surface	566-197-0	5. PH						Soil	ATL
7/15/2002	.3 m	566-197-1	1. TTLC	290	mg/kg	5	7/19/2002	Lead	Soil	ATL
7/15/2002	.3 m	566-197-1	2. STLC	17	mg/l	0.4	7/27/2002	Lead	Soil	ATL
7/15/2002	.3 m	566-197-1	3. STLC-DI	0.78	mg/l	0.2	7/28/2002	Lead	Soil	ATL
7/15/2002	.3 m	566-197-1	4. TCLP		mg/l			Lead	Soil	ATL
7/15/2002	.3 m	566-197-1	5. PH						Soil	ATL
7/15/2002	.6 m	566-197-2	1. TTLC	120	mg/kg	5	7/19/2002	Lead	Soil	ATL
7/15/2002	.6 m	566-197-2	2. STLC	12	mg/l	0.4	7/27/2002	Lead	Soil	ATL
7/15/2002	.6 m	566-197-2	3. STLC-DI	0.31	mg/l	0.2	7/28/2002	Lead	Soil	ATL
7/15/2002	.6 m	566-197-2	4. TCLP		mg/l			Lead	Soil	ATL
7/15/2002	.6 m	566-197-2	5. PH						Soil	ATL
7/15/2002	.9 m	566-197-3	1. TTLC	110	mg/kg	5	7/19/2002	Lead	Soil	ATL
7/15/2002	.9 m	566-197-3	2. STLC	4.5	mg/l	0.2	7/27/2002	Lead	Soil	ATL
7/15/2002	.9 m	566-197-3	3. STLC-DI		mg/l			Lead	Soil	ATL
7/15/2002	.9 m	566-197-3	4. TCLP		mg/l			Lead	Soil	ATL
7/15/2002	.9 m	566-197-3	5. PH						Soil	ATL
7/15/2002	surface	566-198-0	1. TTLC	270	mg/kg	5	7/19/2002	Lead	Soil	ATL
7/15/2002	surface	566-198-0	2. STLC	19	mg/l	0.4	7/27/2002	Lead	Soil	ATL
7/15/2002	surface	566-198-0	3. STLC-DI	ND	mg/l	0.2	7/28/2002	Lead	Soil	ATL
7/15/2002	surface	566-198-0	4. TCLP		mg/l			Lead	Soil	ATL
7/15/2002	surface	566-198-0	5. PH						Soil	ATL
7/15/2002	.3 m	566-198-1	1. TTLC	1500	mg/kg	5	7/19/2002	Lead	Soil	ATL
7/15/2002	.3 m	566-198-1	2. STLC		mg/l			Lead	Soil	ATL
7/15/2002	.3 m	566-198-1	3. STLC-DI		mg/l			Lead	Soil	ATL
7/15/2002	.3 m	566-198-1	4. TCLP	4.9	mg/l	0.2	7/28/2002	Lead	Soil	ATL
7/15/2002	.3 m	566-198-1	5. PH						Soil	ATL
7/15/2002	.6 m	566-198-2	1. TTLC	91	mg/kg	5	7/19/2002	Lead	Soil	ATL

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7/15/2002	.6 m	566-198-2	2. STLC	2	mg/l	0.2	7/27/2002	Lead	Soil	ATL
7/15/2002	.6 m	566-198-2	3. STLC-DI		mg/l			Lead	Soil	ATL
7/15/2002	.6 m	566-198-2	4. TCLP		mg/l			Lead	Soil	ATL
7/15/2002	.6 m	566-198-2	5. PH						Soil	ATL
7/15/2002	.9 m	566-198-3	1. TTLC	55	mg/kg	5	7/19/2002	Lead	Soil	ATL
7/15/2002	.9 m	566-198-3	2. STLC	3.4	mg/l	0.2	7/27/2002	Lead	Soil	ATL
7/15/2002	.9 m	566-198-3	3. STLC-DI		mg/l			Lead	Soil	ATL
7/15/2002	.9 m	566-198-3	4. TCLP		mg/l			Lead	Soil	ATL
7/15/2002	.9 m	566-198-3	5. PH						Soil	ATL
7/15/2002	surface	566-199-0	1. TTLC	1900	mg/kg	5	7/19/2002	Lead	Soil	ATL
7/15/2002	surface	566-199-0	2. STLC		mg/l			Lead	Soil	ATL
7/15/2002	surface	566-199-0	3. STLC-DI		mg/l			Lead	Soil	ATL
7/15/2002	surface	566-199-0	4. TCLP	5	mg/l	0.2	7/26/2002	Lead	Soil	ATL
7/15/2002	surface	566-199-0	5. PH	6.99		0.1	7/19/2002		Soil	ATL
7/15/2002	.3 m	566-199-1	1. TTLC	1600	mg/kg	5	7/19/2002	Lead	Soil	ATL
7/15/2002	.3 m	566-199-1	2. STLC		mg/l			Lead	Soil	ATL
7/15/2002	.3 m	566-199-1	3. STLC-DI		mg/l			Lead	Soil	ATL
7/15/2002	.3 m	566-199-1	4. TCLP	5.2	mg/l	0.2	7/26/2002	Lead	Soil	ATL
7/15/2002	.3 m	566-199-1	5. PH						Soil	ATL
7/15/2002	.6 m	566-199-2	1. TTLC	620	mg/kg	5	7/19/2002	Lead	Soil	ATL
7/15/2002	.6 m	566-199-2	2. STLC	51	mg/l	1.6	7/27/2002	Lead	Soil	ATL
7/15/2002	.6 m	566-199-2	3. STLC-DI	2.5	mg/l	0.2	7/28/2002	Lead	Soil	ATL
7/15/2002	.6 m	566-199-2	4. TCLP		mg/l			Lead	Soil	ATL
7/15/2002	.6 m	566-199-2	5. PH						Soil	ATL
7/15/2002	.9 m	566-199-3	1. TTLC		mg/kg			Lead	Soil	ATL
7/15/2002	.9 m	566-199-3	2. STLC		mg/l			Lead	Soil	ATL
7/15/2002	.9 m	566-199-3	3. STLC-DI		mg/l			Lead	Soil	ATL
7/15/2002	.9 m	566-199-3	4. TCLP		mg/l			Lead	Soil	ATL
7/15/2002	.9 m	566-199-3	5. PH						Soil	ATL
7/15/2002	surface	566-200-0	1. TTLC	610	mg/kg	5	7/19/2002	Lead	Soil	ATL
7/15/2002	surface	566-200-0	2. STLC	67	mg/l	1.6	7/27/2002	Lead	Soil	ATL
7/15/2002	surface	566-200-0	3. STLC-DI	1.7	mg/l	0.2	7/28/2002	Lead	Soil	ATL
7/15/2002	surface	566-200-0	4. TCLP		mg/l			Lead	Soil	ATL
7/15/2002	surface	566-200-0	5. PH						Soil	ATL
7/15/2002	.3 m	566-200-1	1. TTLC	88	mg/kg	5	7/19/2002	Lead	Soil	ATL
7/15/2002	.3 m	566-200-1	2. STLC	7.1	mg/l	0.2	7/27/2002	Lead	Soil	ATL
7/15/2002	.3 m	566-200-1	3. STLC-DI	0.2	mg/l	0.2	7/26/2002	Lead	Soil	ATL
7/15/2002	.3 m	566-200-1	4. TCLP		mg/l			Lead	Soil	ATL
7/15/2002	.3 m	566-200-1	5. PH						Soil	ATL
7/15/2002	.6 m	566-200-2	1. TTLC	60	mg/kg	5	7/19/2002	Lead	Soil	ATL
7/15/2002	.6 m	566-200-2	2. STLC	2.9	mg/l	0.2	7/27/2002	Lead	Soil	ATL
7/15/2002	.6 m	566-200-2	3. STLC-DI		mg/l			Lead	Soil	ATL
7/15/2002	.6 m	566-200-2	4. TCLP		mg/l			Lead	Soil	ATL
7/15/2002	.6 m	566-200-2	5. PH						Soil	ATL
7/15/2002	.9 m	566-200-3	1. TTLC	220	mg/kg	5	7/19/2002	Lead	Soil	ATL
7/15/2002	.9 m	566-200-3	2. STLC	21	mg/l	0.8	7/27/2002	Lead	Soil	ATL
7/15/2002	.9 m	566-200-3	3. STLC-DI	0.28	mg/l	0.2	7/28/2002	Lead	Soil	ATL
7/15/2002	.9 m	566-200-3	4. TCLP		mg/l			Lead	Soil	ATL
7/15/2002	.9 m	566-200-3	5. PH						Soil	ATL
7/15/2002	surface	566-201-0	1. TTLC	250	mg/kg	5	7/19/2002	Lead	Soil	ATL
7/15/2002	surface	566-201-0	2. STLC	27	mg/l	0.8	7/27/2002	Lead	Soil	ATL
7/15/2002	surface	566-201-0	3. STLC-DI	0.79	mg/l	0.2	7/28/2002	Lead	Soil	ATL
7/15/2002	surface	566-201-0	4. TCLP		mg/l			Lead	Soil	ATL
7/15/2002	surface	566-201-0	5. PH						Soil	ATL
7/15/2002	.3 m	566-201-1	1. TTLC	43	mg/kg	5	7/19/2002	Lead	Soil	ATL
7/15/2002	.3 m	566-201-1	2. STLC		mg/l			Lead	Soil	ATL
7/15/2002	.3 m	566-201-1	3. STLC-DI		mg/l			Lead	Soil	ATL
7/15/2002	.3 m	566-201-1	4. TCLP		mg/l			Lead	Soil	ATL
7/15/2002	.3 m	566-201-1	5. PH						Soil	ATL
7/15/2002	.6 m	566-201-2	1. TTLC	34	mg/kg	5	7/19/2002	Lead	Soil	ATL
7/15/2002	.6 m	566-201-2	2. STLC		mg/l			Lead	Soil	ATL

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7/15/2002	.6 m	566-201-2	3. STLC-DI		mg/l			Lead	Soil	ATL
7/15/2002	.6 m	566-201-2	4. TCLP		mg/l			Lead	Soil	ATL
7/15/2002	.6 m	566-201-2	5. PH						Soil	ATL
	.9 m	566-201-3	1. TTLC		mg/kg			Lead	Soil	ATL
	.9 m	566-201-3	2. STLC		mg/l			Lead	Soil	ATL
	.9 m	566-201-3	3. STLC-DI		mg/l			Lead	Soil	ATL
	.9 m	566-201-3	4. TCLP		mg/l			Lead	Soil	ATL
	.9 m	566-201-3	5. PH						Soil	ATL
7/15/2002	surface	566-202-0	1. TTLC	560	mg/kg	5	7/19/2002	Lead	Soil	ATL
7/15/2002	surface	566-202-0	2. STLC	67	mg/l	1.6	7/27/2002	Lead	Soil	ATL
7/15/2002	surface	566-202-0	3. STLC-DI	0.46	mg/l	0.2	7/28/2002	Lead	Soil	ATL
7/15/2002	surface	566-202-0	4. TCLP		mg/l			Lead	Soil	ATL
7/15/2002	surface	566-202-0	5. PH	7.5		0.1	7/19/2002		Soil	ATL
7/15/2002	.3 m	566-202-1	1. TTLC	710	mg/kg	5	7/19/2002	Lead	Soil	ATL
7/15/2002	.3 m	566-202-1	2. STLC	78	mg/l	1.6	7/27/2002	Lead	Soil	ATL
7/15/2002	.3 m	566-202-1	3. STLC-DI	2.2	mg/l	0.2	7/28/2002	Lead	Soil	ATL
7/15/2002	.3 m	566-202-1	4. TCLP		mg/l			Lead	Soil	ATL
7/15/2002	.3 m	566-202-1	5. PH						Soil	ATL
7/15/2002	.6 m	566-202-2	1. TTLC	220	mg/kg	5	7/19/2002	Lead	Soil	ATL
7/15/2002	.6 m	566-202-2	2. STLC	17	mg/l	0.4	7/27/2002	Lead	Soil	ATL
7/15/2002	.6 m	566-202-2	3. STLC-DI	0.92	mg/l	0.2	7/28/2002	Lead	Soil	ATL
7/15/2002	.6 m	566-202-2	4. TCLP		mg/l			Lead	Soil	ATL
7/15/2002	.6 m	566-202-2	5. PH						Soil	ATL
7/15/2002	.9 m	566-202-3	1. TTLC	140	mg/kg	5	7/19/2002	Lead	Soil	ATL
7/15/2002	.9 m	566-202-3	2. STLC	15	mg/l	0.4	7/27/2002	Lead	Soil	ATL
7/15/2002	.9 m	566-202-3	3. STLC-DI	0.44	mg/l	0.2	7/28/2002	Lead	Soil	ATL
7/15/2002	.9 m	566-202-3	4. TCLP		mg/l			Lead	Soil	ATL
7/15/2002	.9 m	566-202-3	5. PH						Soil	ATL
7/15/2002	surface	566-203-0	1. TTLC	1900	mg/kg	5	7/19/2002	Lead	Soil	ATL
7/15/2002	surface	566-203-0	2. STLC		mg/l			Lead	Soil	ATL
7/15/2002	surface	566-203-0	3. STLC-DI		mg/l			Lead	Soil	ATL
7/15/2002	surface	566-203-0	4. TCLP	14	mg/l	0.4	7/26/2002	Lead	Soil	ATL
7/15/2002	surface	566-203-0	5. PH						Soil	ATL
7/15/2002	.3 m	566-203-1	1. TTLC	330	mg/kg	5	7/19/2002	Lead	Soil	ATL
7/15/2002	.3 m	566-203-1	2. STLC	14	mg/l	0.4	7/27/2002	Lead	Soil	ATL
7/15/2002	.3 m	566-203-1	3. STLC-DI	0.61	mg/l	0.2	7/28/2002	Lead	Soil	ATL
7/15/2002	.3 m	566-203-1	4. TCLP		mg/l			Lead	Soil	ATL
7/15/2002	.3 m	566-203-1	5. PH						Soil	ATL
7/15/2002	.6 m	566-203-2	1. TTLC	81	mg/kg	5	7/19/2002	Lead	Soil	ATL
7/15/2002	.6 m	566-203-2	2. STLC	7.1	mg/l	0.2	7/27/2002	Lead	Soil	ATL
7/15/2002	.6 m	566-203-2	3. STLC-DI	0.38	mg/l	0.2	7/28/2002	Lead	Soil	ATL
7/15/2002	.6 m	566-203-2	4. TCLP		mg/l			Lead	Soil	ATL
7/15/2002	.6 m	566-203-2	5. PH						Soil	ATL
7/15/2002	.9 m	566-203-3	1. TTLC		mg/kg			Lead	Soil	ATL
7/15/2002	.9 m	566-203-3	2. STLC		mg/l			Lead	Soil	ATL
7/15/2002	.9 m	566-203-3	3. STLC-DI		mg/l			Lead	Soil	ATL
7/15/2002	.9 m	566-203-3	4. TCLP		mg/l			Lead	Soil	ATL
7/15/2002	.9 m	566-203-3	5. PH						Soil	ATL
7/15/2002	surface	566-204-0	1. TTLC	910	mg/kg	5	7/19/2002	Lead	Soil	ATL
7/15/2002	surface	566-204-0	2. STLC	73	mg/l	1.6	7/27/2002	Lead	Soil	ATL
7/15/2002	surface	566-204-0	3. STLC-DI	1.8	mg/l	0.2	7/28/2002	Lead	Soil	ATL
7/15/2002	surface	566-204-0	4. TCLP		mg/l			Lead	Soil	ATL
7/15/2002	surface	566-204-0	5. PH						Soil	ATL
7/15/2002	.3 m	566-204-1	1. TTLC	1000	mg/kg	5	7/19/2002	Lead	Soil	ATL
7/15/2002	.3 m	566-204-1	2. STLC		mg/l			Lead	Soil	ATL
7/15/2002	.3 m	566-204-1	3. STLC-DI		mg/l			Lead	Soil	ATL
7/15/2002	.3 m	566-204-1	4. TCLP	3	mg/l	0.2	7/26/2002	Lead	Soil	ATL
7/15/2002	.3 m	566-204-1	5. PH						Soil	ATL
7/15/2002	.6 m	566-204-2	1. TTLC	170	mg/kg	5	7/19/2002	Lead	Soil	ATL
7/15/2002	.6 m	566-204-2	2. STLC	6.2	mg/l	0.2	7/27/2002	Lead	Soil	ATL
7/15/2002	.6 m	566-204-2	3. STLC-DI	0.21	mg/l	0.2	7/28/2002	Lead	Soil	ATL

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7/15/2002	.6 m	566-204-2	4. TCLP		mg/l			Lead	Soil	ATL
7/15/2002	.6 m	566-204-2	5. PH						Soil	ATL
7/15/2002	.9 m	566-204-3	1. TTLC	170	mg/kg	5	7/19/2002	Lead	Soil	ATL
7/15/2002	.9 m	566-204-3	2. STLC	18	mg/l	0.4	7/27/2002	Lead	Soil	ATL
7/15/2002	.9 m	566-204-3	3. STLC-DI	0.62	mg/l	0.2	7/28/2002	Lead	Soil	ATL
7/15/2002	.9 m	566-204-3	4. TCLP		mg/l			Lead	Soil	ATL
7/15/2002	.9 m	566-204-3	5. PH	7.11		0.1	7/19/2002		Soil	ATL
7/15/2002	surface	566-205-0	1. TTLC	1400	mg/kg	5	7/19/2002	Lead	Soil	ATL
7/15/2002	surface	566-205-0	2. STLC		mg/l			Lead	Soil	ATL
7/15/2002	surface	566-205-0	3. STLC-DI		mg/l			Lead	Soil	ATL
7/15/2002	surface	566-205-0	4. TCLP	6.1	mg/l	0.2	7/26/2002	Lead	Soil	ATL
7/15/2002	surface	566-205-0	5. PH						Soil	ATL
7/15/2002	.3 m	566-205-1	1. TTLC	2500	mg/kg	5	7/19/2002	Lead	Soil	ATL
7/15/2002	.3 m	566-205-1	2. STLC		mg/l			Lead	Soil	ATL
7/15/2002	.3 m	566-205-1	3. STLC-DI		mg/l			Lead	Soil	ATL
7/15/2002	.3 m	566-205-1	4. TCLP	13	mg/l	0.4	7/26/2002	Lead	Soil	ATL
7/15/2002	.3 m	566-205-1	5. PH						Soil	ATL
7/15/2002	.6 m	566-205-2	1. TTLC	180	mg/kg	5	7/19/2002	Lead	Soil	ATL
7/15/2002	.6 m	566-205-2	2. STLC	23	mg/l	0.8	7/27/2002	Lead	Soil	ATL
7/15/2002	.6 m	566-205-2	3. STLC-DI	1.6	mg/l	0.2	7/28/2002	Lead	Soil	ATL
7/15/2002	.6 m	566-205-2	4. TCLP		mg/l			Lead	Soil	ATL
7/15/2002	.6 m	566-205-2	5. PH						Soil	ATL
7/15/2002	.9 m	566-205-3	1. TTLC		mg/kg			Lead	Soil	ATL
7/15/2002	.9 m	566-205-3	2. STLC		mg/l			Lead	Soil	ATL
7/15/2002	.9 m	566-205-3	3. STLC-DI		mg/l			Lead	Soil	ATL
7/15/2002	.9 m	566-205-3	4. TCLP		mg/l			Lead	Soil	ATL
7/15/2002	.9 m	566-205-3	5. PH						Soil	ATL
7/15/2002	surface	566-206-0	1. TTLC	730	mg/kg	5	7/19/2002	Lead	Soil	ATL
7/15/2002	surface	566-206-0	2. STLC	72	mg/l	1.6	7/27/2002	Lead	Soil	ATL
7/15/2002	surface	566-206-0	3. STLC-DI	2.1	mg/l	0.2	7/28/2002	Lead	Soil	ATL
7/15/2002	surface	566-206-0	4. TCLP		mg/l			Lead	Soil	ATL
7/15/2002	surface	566-206-0	5. PH						Soil	ATL
7/15/2002	.3 m	566-206-1	1. TTLC	2300	mg/kg	5	7/19/2002	Lead	Soil	ATL
7/15/2002	.3 m	566-206-1	2. STLC		mg/l			Lead	Soil	ATL
7/15/2002	.3 m	566-206-1	3. STLC-DI		mg/l			Lead	Soil	ATL
7/15/2002	.3 m	566-206-1	4. TCLP	18	mg/l	0.4	7/26/2002	Lead	Soil	ATL
7/15/2002	.3 m	566-206-1	5. PH						Soil	ATL
7/15/2002	.6 m	566-206-2	1. TTLC	240	mg/kg	5	7/19/2002	Lead	Soil	ATL
7/15/2002	.6 m	566-206-2	2. STLC	26	mg/l	0.8	7/27/2002	Lead	Soil	ATL
7/15/2002	.6 m	566-206-2	3. STLC-DI	2.9	mg/l	0.2	7/28/2002	Lead	Soil	ATL
7/15/2002	.6 m	566-206-2	4. TCLP		mg/l			Lead	Soil	ATL
7/15/2002	.6 m	566-206-2	5. PH						Soil	ATL
7/15/2002	.9 m	566-206-3	1. TTLC	390	mg/kg	5	7/19/2002	Lead	Soil	ATL
7/15/2002	.9 m	566-206-3	2. STLC	32	mg/l	0.8	7/27/2002	Lead	Soil	ATL
7/15/2002	.9 m	566-206-3	3. STLC-DI	3.1	mg/l	0.2	7/28/2002	Lead	Soil	ATL
7/15/2002	.9 m	566-206-3	4. TCLP		mg/l			Lead	Soil	ATL
7/15/2002	.9 m	566-206-3	5. PH						Soil	ATL
7/15/2002	surface	566-207-0	1. TTLC	320	mg/kg	5	7/19/2002	Lead	Soil	ATL
7/15/2002	surface	566-207-0	2. STLC	29	mg/l	0.8	7/27/2002	Lead	Soil	ATL
7/15/2002	surface	566-207-0	3. STLC-DI	0.43	mg/l	0.2	7/28/2002	Lead	Soil	ATL
7/15/2002	surface	566-207-0	4. TCLP		mg/l			Lead	Soil	ATL
7/15/2002	surface	566-207-0	5. PH						Soil	ATL
7/15/2002	.3 m	566-207-1	1. TTLC	240	mg/kg	5	7/19/2002	Lead	Soil	ATL
7/15/2002	.3 m	566-207-1	2. STLC	14	mg/l	0.4	7/27/2002	Lead	Soil	ATL
7/15/2002	.3 m	566-207-1	3. STLC-DI	0.24	mg/l	0.2	7/28/2002	Lead	Soil	ATL
7/15/2002	.3 m	566-207-1	4. TCLP		mg/l			Lead	Soil	ATL
7/15/2002	.3 m	566-207-1	5. PH						Soil	ATL
7/15/2002	.6 m	566-207-2	1. TTLC	290	mg/kg	5	7/19/2002	Lead	Soil	ATL
7/15/2002	.6 m	566-207-2	2. STLC	17	mg/l	0.4	7/27/2002	Lead	Soil	ATL
7/15/2002	.6 m	566-207-2	3. STLC-DI	1.4	mg/l	0.2	7/27/2002	Lead	Soil	ATL
7/15/2002	.6 m	566-207-2	4. TCLP					Lead	Soil	ATL

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7/15/2002	.6 m	566-207-2	5. PH	7.67			0.1	7/19/2002	Soil	ATL
7/15/2002	.9 m	566-207-3	1. TTLC	180	mg/kg		5	7/19/2002	Lead	Soil
7/15/2002	.9 m	566-207-3	2. STLC	16	mg/l		0.4	7/27/2002	Lead	Soil
7/15/2002	.9 m	566-207-3	3. STLC-DI	1.1	mg/l		0.2	7/28/2002	Lead	Soil
7/15/2002	.9 m	566-207-3	4. TCLP		mg/l				Lead	Soil
7/15/2002	.9 m	566-207-3	5. PH							Soil
7/15/2002	surface	566-208-0	1. TTLC	590	mg/kg		5	7/19/2002	Lead	Soil
7/15/2002	surface	566-208-0	2. STLC	43	mg/l		1	7/27/2002	Lead	Soil
7/15/2002	surface	566-208-0	3. STLC-DI	0.73	mg/l		0.2	7/28/2002	Lead	Soil
7/15/2002	surface	566-208-0	4. TCLP		mg/l				Lead	Soil
7/15/2002	surface	566-208-0	5. PH							Soil
7/15/2002	.3 m	566-208-1	1. TTLC	150	mg/kg		5	7/19/2002	Lead	Soil
7/15/2002	.3 m	566-208-1	2. STLC	19	mg/l		0.4	7/27/2002	Lead	Soil
7/15/2002	.3 m	566-208-1	3. STLC-DI	0.25	mg/l		0.2	7/28/2002	Lead	Soil
7/15/2002	.3 m	566-208-1	4. TCLP		mg/l				Lead	Soil
7/15/2002	.3 m	566-208-1	5. PH							Soil
7/15/2002	.6 m	566-208-2	1. TTLC	320	mg/kg		5	7/19/2002	Lead	Soil
7/15/2002	.6 m	566-208-2	2. STLC	23	mg/l		0.8	7/27/2002	Lead	Soil
7/15/2002	.6 m	566-208-2	3. STLC-DI	1.6	mg/l		0.2	7/28/2002	Lead	Soil
7/15/2002	.6 m	566-208-2	4. TCLP		mg/l				Lead	Soil
7/15/2002	.6 m	566-208-2	5. PH							Soil
7/15/2002	.9 m	566-208-3	1. TTLC	74	mg/kg		5	7/19/2002	Lead	Soil
7/15/2002	.9 m	566-208-3	2. STLC	7.1	mg/l		0.2	7/27/2002	Lead	Soil
7/15/2002	.9 m	566-208-3	3. STLC-DI	0.51	mg/l		0.2	7/28/2002	Lead	Soil
7/15/2002	.9 m	566-208-3	4. TCLP		mg/l				Lead	Soil
7/15/2002	.9 m	566-208-3	5. PH							Soil
7/16/2002	surface	566-209-0	1. TTLC	560	mg/kg		5	7/18/2002	Lead	Soil
7/16/2002	surface	566-209-0	2. STLC	51	mg/l		1.6	7/27/2002	Lead	Soil
7/16/2002	surface	566-209-0	3. STLC-DI	0.55	mg/l		0.2	7/28/2002	Lead	Soil
7/16/2002	surface	566-209-0	4. TCLP		mg/l				Lead	Soil
7/16/2002	surface	566-209-0	5. PH	6.57			0.1	7/21/2002		Soil
7/16/2002	.3 m	566-209-1	1. TTLC	850	mg/kg		5	7/18/2002	Lead	Soil
7/16/2002	.3 m	566-209-1	2. STLC	110	mg/l		4	7/27/2002	Lead	Soil
7/16/2002	.3 m	566-209-1	3. STLC-DI	4.4	mg/l		0.2	7/28/2002	Lead	Soil
7/16/2002	.3 m	566-209-1	4. TCLP		mg/l				Lead	Soil
7/16/2002	.3 m	566-209-1	5. PH							Soil
7/16/2002	.6 m	566-209-2	1. TTLC	230	mg/kg		5	7/18/2002	Lead	Soil
7/16/2002	.6 m	566-209-2	2. STLC	21	mg/l		0.8	7/27/2002	Lead	Soil
7/16/2002	.6 m	566-209-2	3. STLC-DI	1.5	mg/l		0.2	7/28/2002	Lead	Soil
7/16/2002	.6 m	566-209-2	4. TCLP		mg/l				Lead	Soil
7/16/2002	.6 m	566-209-2	5. PH							Soil
7/16/2002	.9 m	566-209-3	1. TTLC	110	mg/kg		5	7/18/2002	Lead	Soil
7/16/2002	.9 m	566-209-3	2. STLC	7.6	mg/l		0.2	7/27/2002	Lead	Soil
7/16/2002	.9 m	566-209-3	3. STLC-DI	0.51	mg/l		0.2	7/28/2002	Lead	Soil
7/16/2002	.9 m	566-209-3	4. TCLP		mg/l				Lead	Soil
7/16/2002	.9 m	566-209-3	5. PH							Soil
7/16/2002	surface	566-210-0	1. TTLC	220	mg/kg		5	7/18/2002	Lead	Soil
7/16/2002	surface	566-210-0	2. STLC	20	mg/l		0.8	7/27/2002	Lead	Soil
7/16/2002	surface	566-210-0	3. STLC-DI	ND	mg/l		0.2	7/28/2002	Lead	Soil
7/16/2002	surface	566-210-0	4. TCLP		mg/l				Lead	Soil
7/16/2002	surface	566-210-0	5. PH							Soil
7/16/2002	.3 m	566-210-1	1. TTLC	1100	mg/kg		5	7/18/2002	Lead	Soil
7/16/2002	.3 m	566-210-1	2. STLC		mg/l				Lead	Soil
7/16/2002	.3 m	566-210-1	3. STLC-DI		mg/l				Lead	Soil
7/16/2002	.3 m	566-210-1	4. TCLP	4.9	mg/l		0.2	7/26/2002	Lead	Soil
7/16/2002	.3 m	566-210-1	5. PH							Soil
7/16/2002	.6 m	566-210-2	1. TTLC	130	mg/kg		5	7/18/2002	Lead	Soil
7/16/2002	.6 m	566-210-2	2. STLC	18	mg/l		0.4	7/27/2002	Lead	Soil
7/16/2002	.6 m	566-210-2	3. STLC-DI	1.6	mg/l		0.2	7/28/2002	Lead	Soil
7/16/2002	.6 m	566-210-2	4. TCLP		mg/l				Lead	Soil
7/16/2002	.6 m	566-210-2	5. PH							Soil

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7/16/2002	.9 m	566-210-3	1. TTLC	190	mg/kg	5	7/18/2002	Lead	Soil	ATL
7/16/2002	.9 m	566-210-3	2. STLC	16	mg/l	0.4	7/27/2002	Lead	Soil	ATL
7/16/2002	.9 m	566-210-3	3. STLC-DI	1.6	mg/l	0.2	7/28/2002	Lead	Soil	ATL
7/16/2002	.9 m	566-210-3	4. TCLP		mg/l			Lead	Soil	ATL
7/16/2002	.9 m	566-210-3	5. PH						Soil	ATL
7/16/2002	surface	566-211-0	1. TTLC	340	mg/kg	5	7/18/2002	Lead	Soil	ATL
7/16/2002	surface	566-211-0	2. STLC	36	mg/l	0.8	7/26/2002	Lead	Soil	ATL
7/16/2002	surface	566-211-0	3. STLC-DI	0.59	mg/l	0.2	7/28/2002	Lead	Soil	ATL
7/16/2002	surface	566-211-0	4. TCLP		mg/l			Lead	Soil	ATL
7/16/2002	surface	566-211-0	5. PH						Soil	ATL
7/16/2002	.3 m	566-211-1	1. TTLC	850	mg/kg	5	7/18/2002	Lead	Soil	ATL
7/16/2002	.3 m	566-211-1	2. STLC	120	mg/l	4	7/26/2002	Lead	Soil	ATL
7/16/2002	.3 m	566-211-1	3. STLC-DI	5.4	mg/l	0.2	7/28/2002	Lead	Soil	ATL
7/16/2002	.3 m	566-211-1	4. TCLP		mg/l			Lead	Soil	ATL
7/16/2002	.3 m	566-211-1	5. PH	7.11		0.1	7/21/2002		Soil	ATL
7/16/2002	.6 m	566-211-2	1. TTLC	43	mg/kg	5	7/18/2002	Lead	Soil	ATL
7/16/2002	.6 m	566-211-2	2. STLC		mg/l			Lead	Soil	ATL
7/16/2002	.6 m	566-211-2	3. STLC-DI		mg/l			Lead	Soil	ATL
7/16/2002	.6 m	566-211-2	4. TCLP		mg/l			Lead	Soil	ATL
7/16/2002	.6 m	566-211-2	5. PH						Soil	ATL
7/16/2002	.9 m	566-211-3	1. TTLC	28	mg/kg	5	7/18/2002	Lead	Soil	ATL
7/16/2002	.9 m	566-211-3	2. STLC		mg/l			Lead	Soil	ATL
7/16/2002	.9 m	566-211-3	3. STLC-DI		mg/l			Lead	Soil	ATL
7/16/2002	.9 m	566-211-3	4. TCLP		mg/l			Lead	Soil	ATL
7/16/2002	.9 m	566-211-3	5. PH						Soil	ATL
7/16/2002	surface	566-212-0	1. TTLC	510	mg/kg	5	7/18/2002	Lead	Soil	ATL
7/16/2002	surface	566-212-0	2. STLC	57	mg/l	2	7/26/2002	Lead	Soil	ATL
7/16/2002	surface	566-212-0	3. STLC-DI	0.52	mg/l	0.2	7/28/2002	Lead	Soil	ATL
7/16/2002	surface	566-212-0	4. TCLP		mg/l			Lead	Soil	ATL
7/16/2002	surface	566-212-0	5. PH						Soil	ATL
7/16/2002	.3 m	566-212-1	1. TTLC	210	mg/kg	5	7/18/2002	Lead	Soil	ATL
7/16/2002	.3 m	566-212-1	2. STLC	26	mg/l	0.8	7/26/2002	Lead	Soil	ATL
7/16/2002	.3 m	566-212-1	3. STLC-DI	ND	mg/l	0.2	7/28/2002	Lead	Soil	ATL
7/16/2002	.3 m	566-212-1	4. TCLP		mg/l			Lead	Soil	ATL
7/16/2002	.3 m	566-212-1	5. PH						Soil	ATL
7/16/2002	.6 m	566-212-2	1. TTLC	53	mg/kg	5	7/18/2002	Lead	Soil	ATL
7/16/2002	.6 m	566-212-2	2. STLC	7.1	mg/l	0.2	7/26/2002	Lead	Soil	ATL
7/16/2002	.6 m	566-212-2	3. STLC-DI	ND	mg/l	0.2	7/28/2002	Lead	Soil	ATL
7/16/2002	.6 m	566-212-2	4. TCLP		mg/l			Lead	Soil	ATL
7/16/2002	.6 m	566-212-2	5. PH						Soil	ATL
7/16/2002	.9 m	566-212-3	1. TTLC	130	mg/kg	5	7/18/2002	Lead	Soil	ATL
7/16/2002	.9 m	566-212-3	2. STLC	8	mg/l	0.2	7/26/2002	Lead	Soil	ATL
7/16/2002	.9 m	566-212-3	3. STLC-DI	0.5	mg/l	0.2	7/28/2002	Lead	Soil	ATL
7/16/2002	.9 m	566-212-3	4. TCLP		mg/l			Lead	Soil	ATL
7/16/2002	.9 m	566-212-3	5. PH						Soil	ATL
7/16/2002	surface	566-213-0	1. TTLC	1000	mg/kg	5	7/18/2002	Lead	Soil	ATL
7/16/2002	surface	566-213-0	2. STLC		mg/l			Lead	Soil	ATL
7/16/2002	surface	566-213-0	3. STLC-DI		mg/l			Lead	Soil	ATL
7/16/2002	surface	566-213-0	4. TCLP	5.9	mg/l	0.2	7/26/2002	Lead	Soil	ATL
7/16/2002	surface	566-213-0	5. PH						Soil	ATL
7/16/2002	.3 m	566-213-1	1. TTLC	630	mg/kg	5	7/18/2002	Lead	Soil	ATL
7/16/2002	.3 m	566-213-1	2. STLC	92	mg/l	2	7/26/2002	Lead	Soil	ATL
7/16/2002	.3 m	566-213-1	3. STLC-DI	4	mg/l	0.2	7/28/2002	Lead	Soil	ATL
7/16/2002	.3 m	566-213-1	4. TCLP		mg/l			Lead	Soil	ATL
7/16/2002	.3 m	566-213-1	5. PH						Soil	ATL
7/16/2002	.6 m	566-213-2	1. TTLC	160	mg/kg	5	7/18/2002	Lead	Soil	ATL
7/16/2002	.6 m	566-213-2	2. STLC	7.4	mg/l	0.2	7/26/2002	Lead	Soil	ATL
7/16/2002	.6 m	566-213-2	3. STLC-DI	0.28	mg/l	0.2	7/28/2002	Lead	Soil	ATL
7/16/2002	.6 m	566-213-2	4. TCLP		mg/l			Lead	Soil	ATL
7/16/2002	.6 m	566-213-2	5. PH						Soil	ATL
7/16/2002	.9 m	566-213-3	1. TTLC	48	mg/kg	5	7/18/2002	Lead	Soil	ATL

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7/16/2002	.9 m	566-213-3	2. STLC		mg/l			Lead	Soil	ATL
7/16/2002	.9 m	566-213-3	3. STLC-DI		mg/l			Lead	Soil	ATL
7/16/2002	.9 m	566-213-3	4. TCLP		mg/l			Lead	Soil	ATL
7/16/2002	.9 m	566-213-3	5. PH	7.81		0.1	7/21/2002		Soil	ATL
7/16/2002	surface	566-214-0	1. TTLC	140	mg/kg	5	7/18/2002	Lead	Soil	ATL
7/16/2002	surface	566-214-0	2. STLC	13	mg/l	0.4	7/26/2002	Lead	Soil	ATL
7/16/2002	surface	566-214-0	3. STLC-DI	ND	mg/l	0.2	7/28/2002	Lead	Soil	ATL
7/16/2002	surface	566-214-0	4. TCLP		mg/l			Lead	Soil	ATL
7/16/2002	surface	566-214-0	5. PH						Soil	ATL
7/16/2002	.3 m	566-214-1	1. TTLC	150	mg/kg	5	7/18/2002	Lead	Soil	ATL
7/16/2002	.3 m	566-214-1	2. STLC	14	mg/l	0.4	7/26/2002	Lead	Soil	ATL
7/16/2002	.3 m	566-214-1	3. STLC-DI	ND	mg/l	0.2	7/28/2002	Lead	Soil	ATL
7/16/2002	.3 m	566-214-1	4. TCLP		mg/l			Lead	Soil	ATL
7/16/2002	.3 m	566-214-1	5. PH						Soil	ATL
7/16/2002	.6 m	566-214-2	1. TTLC	150	mg/kg	5	7/18/2002	Lead	Soil	ATL
7/16/2002	.6 m	566-214-2	2. STLC	13	mg/l	0.4	7/26/2002	Lead	Soil	ATL
7/16/2002	.6 m	566-214-2	3. STLC-DI	ND	mg/l	0.2	7/28/2002	Lead	Soil	ATL
7/16/2002	.6 m	566-214-2	4. TCLP		mg/l			Lead	Soil	ATL
7/16/2002	.6 m	566-214-2	5. PH						Soil	ATL
7/16/2002	.9 m	566-214-3	1. TTLC	29	mg/kg	5	7/18/2002	Lead	Soil	ATL
7/16/2002	.9 m	566-214-3	2. STLC		mg/l			Lead	Soil	ATL
7/16/2002	.9 m	566-214-3	3. STLC-DI		mg/l			Lead	Soil	ATL
7/16/2002	.9 m	566-214-3	4. TCLP		mg/l			Lead	Soil	ATL
7/16/2002	.9 m	566-214-3	5. PH						Soil	ATL
7/16/2002	surface	566-215-0	1. TTLC	280	mg/kg	5	7/18/2002	Lead	Soil	ATL
7/16/2002	surface	566-215-0	2. STLC	32	mg/l	0.8	7/26/2002	Lead	Soil	ATL
7/16/2002	surface	566-215-0	3. STLC-DI	ND	mg/l	0.2	7/28/2002	Lead	Soil	ATL
7/16/2002	surface	566-215-0	4. TCLP		mg/l			Lead	Soil	ATL
7/16/2002	surface	566-215-0	5. PH						Soil	ATL
7/16/2002	.3 m	566-215-1	1. TTLC	52	mg/kg	5	7/18/2002	Lead	Soil	ATL
7/16/2002	.3 m	566-215-1	2. STLC	3	mg/l	0.2	7/26/2002	Lead	Soil	ATL
7/16/2002	.3 m	566-215-1	3. STLC-DI		mg/l			Lead	Soil	ATL
7/16/2002	.3 m	566-215-1	4. TCLP		mg/l			Lead	Soil	ATL
7/16/2002	.3 m	566-215-1	5. PH						Soil	ATL
7/16/2002	.6 m	566-215-2	1. TTLC	130	mg/kg	5	7/18/2002	Lead	Soil	ATL
7/16/2002	.6 m	566-215-2	2. STLC	6.8	mg/l	0.2	7/26/2002	Lead	Soil	ATL
7/16/2002	.6 m	566-215-2	3. STLC-DI	ND	mg/l	0.2	7/28/2002	Lead	Soil	ATL
7/16/2002	.6 m	566-215-2	4. TCLP		mg/l			Lead	Soil	ATL
7/16/2002	.6 m	566-215-2	5. PH						Soil	ATL
7/16/2002	.9 m	566-215-3	1. TTLC	22	mg/kg	5	7/18/2002	Lead	Soil	ATL
7/16/2002	.9 m	566-215-3	2. STLC		mg/l			Lead	Soil	ATL
7/16/2002	.9 m	566-215-3	3. STLC-DI		mg/l			Lead	Soil	ATL
7/16/2002	.9 m	566-215-3	4. TCLP		mg/l			Lead	Soil	ATL
7/16/2002	.9 m	566-215-3	5. PH						Soil	ATL
7/16/2002	surface	566-216-0	1. TTLC	310	mg/kg	5	7/18/2002	Lead	Soil	ATL
7/16/2002	surface	566-216-0	2. STLC	17	mg/l	0.8	7/26/2002	Lead	Soil	ATL
7/16/2002	surface	566-216-0	3. STLC-DI	0.83	mg/l	0.2	7/28/2002	Lead	Soil	ATL
7/16/2002	surface	566-216-0	4. TCLP		mg/l			Lead	Soil	ATL
7/16/2002	surface	566-216-0	5. PH						Soil	ATL
7/16/2002	.3 m	566-216-1	1. TTLC	260	mg/kg	5	7/18/2002	Lead	Soil	ATL
7/16/2002	.3 m	566-216-1	2. STLC	16	mg/l	0.4	7/26/2002	Lead	Soil	ATL
7/16/2002	.3 m	566-216-1	3. STLC-DI	0.42	mg/l	0.2	7/28/2002	Lead	Soil	ATL
7/16/2002	.3 m	566-216-1	4. TCLP		mg/l			Lead	Soil	ATL
7/16/2002	.3 m	566-216-1	5. PH	8.3		0.1	7/21/2002		Soil	ATL
7/16/2002	.6 m	566-216-2	1. TTLC		mg/kg			Lead	Soil	ATL
7/16/2002	.6 m	566-216-2	2. STLC		mg/l			Lead	Soil	ATL
7/16/2002	.6 m	566-216-2	3. STLC-DI		mg/l			Lead	Soil	ATL
7/16/2002	.6 m	566-216-2	4. TCLP		mg/l			Lead	Soil	ATL
7/16/2002	.6 m	566-216-2	5. PH						Soil	ATL
7/16/2002	.9 m	566-216-3	1. TTLC		mg/kg			Lead	Soil	ATL
7/16/2002	.9 m	566-216-3	2. STLC		mg/l			Lead	Soil	ATL

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	.9 m	566-216-3	3. STLC-DI		mg/l			Lead	Soil	ATL
	.9 m	566-216-3	4. TCLP		mg/l			Lead	Soil	ATL
	.9 m	566-216-3	5. PH						Soil	ATL
7/16/2002	surface	566-217-0	1. TTLC	190	mg/kg	5	7/18/2002	Lead	Soil	ATL
7/16/2002	surface	566-217-0	2. STLC	20	mg/l	0.4	7/26/2002	Lead	Soil	ATL
7/16/2002	surface	566-217-0	3. STLC-DI	0.21	mg/l	0.2	7/18/2002	Lead	Soil	ATL
7/16/2002	surface	566-217-0	4. TCLP		mg/l			Lead	Soil	ATL
7/16/2002	surface	566-217-0	5. PH						Soil	ATL
7/16/2002	.3 m	566-217-1	1. TTLC	170	mg/kg	5	7/18/2002	Lead	Soil	ATL
7/16/2002	.3 m	566-217-1	2. STLC	28	mg/l	0.8	7/26/2002	Lead	Soil	ATL
7/16/2002	.3 m	566-217-1	3. STLC-DI	0.24	mg/l	0.2	7/26/2002	Lead	Soil	ATL
7/16/2002	.3 m	566-217-1	4. TCLP		mg/l			Lead	Soil	ATL
7/16/2002	.3 m	566-217-1	5. PH						Soil	ATL
7/16/2002	.6 m	566-217-2	1. TTLC	110	mg/kg	5	7/18/2002	Lead	Soil	ATL
7/16/2002	.6 m	566-217-2	2. STLC	12	mg/l	0.4	7/26/2002	Lead	Soil	ATL
7/16/2002	.6 m	566-217-2	3. STLC-DI	ND	mg/l	0.2	7/28/2002	Lead	Soil	ATL
7/16/2002	.6 m	566-217-2	4. TCLP		mg/l			Lead	Soil	ATL
7/16/2002	.6 m	566-217-2	5. PH						Soil	ATL
	.9 m	566-217-3	1. TTLC		mg/kg			Lead	Soil	ATL
	.9 m	566-217-3	2. STLC		mg/l			Lead	Soil	ATL
	.9 m	566-217-3	3. STLC-DI		mg/l			Lead	Soil	ATL
	.9 m	566-217-3	4. TCLP		mg/l			Lead	Soil	ATL
	.9 m	566-217-3	5. PH						Soil	ATL
7/16/2002	surface	566-218-0	1. TTLC	120	mg/kg	5	7/18/2002	Lead	Soil	ATL
7/16/2002	surface	566-218-0	2. STLC	6.8	mg/l	0.2	7/26/2002	Lead	Soil	ATL
7/16/2002	surface	566-218-0	3. STLC-DI	ND	mg/l	0.2	7/28/2002	Lead	Soil	ATL
7/16/2002	surface	566-218-0	4. TCLP		mg/l			Lead	Soil	ATL
7/16/2002	surface	566-218-0	5. PH						Soil	ATL
7/16/2002	.3 m	566-218-1	1. TTLC	67	mg/kg	5	7/18/2002	Lead	Soil	ATL
7/16/2002	.3 m	566-218-1	2. STLC	5.9	mg/l	0.2	7/26/2002	Lead	Soil	ATL
7/16/2002	.3 m	566-218-1	3. STLC-DI	ND	mg/l	0.2	7/28/2002	Lead	Soil	ATL
7/16/2002	.3 m	566-218-1	4. TCLP		mg/l			Lead	Soil	ATL
7/16/2002	.3 m	566-218-1	5. PH						Soil	ATL
	.6 m	566-218-2	1. TTLC		mg/kg			Lead	Soil	ATL
	.6 m	566-218-2	2. STLC		mg/l			Lead	Soil	ATL
	.6 m	566-218-2	3. STLC-DI		mg/l			Lead	Soil	ATL
	.6 m	566-218-2	4. TCLP		mg/l			Lead	Soil	ATL
	.6 m	566-218-2	5. PH						Soil	ATL
	.9 m	566-218-3	1. TTLC		mg/kg			Lead	Soil	ATL
	.9 m	566-218-3	2. STLC		mg/l			Lead	Soil	ATL
	.9 m	566-218-3	3. STLC-DI		mg/l			Lead	Soil	ATL
	.9 m	566-218-3	4. TCLP		mg/l			Lead	Soil	ATL
	.9 m	566-218-3	5. PH						Soil	ATL
7/16/2002	surface	566-219-0	1. TTLC	260	mg/kg	5	7/18/2002	Lead	Soil	ATL
7/16/2002	surface	566-219-0	2. STLC	28	mg/l	0.8	7/26/2002	Lead	Soil	ATL
7/16/2002	surface	566-219-0	3. STLC-DI	0.26	mg/l	0.2	7/28/2002	Lead	Soil	ATL
7/16/2002	surface	566-219-0	4. TCLP		mg/l			Lead	Soil	ATL
7/16/2002	surface	566-219-0	5. PH						Soil	ATL
7/16/2002	.3 m	566-219-1	1. TTLC	18	mg/kg	5	7/18/2002	Lead	Soil	ATL
7/16/2002	.3 m	566-219-1	2. STLC		mg/l			Lead	Soil	ATL
7/16/2002	.3 m	566-219-1	3. STLC-DI		mg/l			Lead	Soil	ATL
7/16/2002	.3 m	566-219-1	4. TCLP		mg/l			Lead	Soil	ATL
7/16/2002	.3 m	566-219-1	5. PH						Soil	ATL
7/16/2002	.6 m	566-219-2	1. TTLC	ND	mg/kg	5	7/18/2002	Lead	Soil	ATL
7/16/2002	.6 m	566-219-2	2. STLC		mg/l			Lead	Soil	ATL
7/16/2002	.6 m	566-219-2	3. STLC-DI		mg/l			Lead	Soil	ATL
7/16/2002	.6 m	566-219-2	4. TCLP		mg/l			Lead	Soil	ATL
7/16/2002	.6 m	566-219-2	5. PH						Soil	ATL
7/16/2002	.9 m	566-219-3	1. TTLC	6.2	mg/kg	5	7/18/2002	Lead	Soil	ATL
7/16/2002	.9 m	566-219-3	2. STLC		mg/l			Lead	Soil	ATL
7/16/2002	.9 m	566-219-3	3. STLC-DI		mg/l			Lead	Soil	ATL

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7/16/2002	.9 m	566-219-3	4. TCLP		mg/l				Lead	Soil	ATL
7/16/2002	.9 m	566-219-3	5. PH							Soil	ATL
7/16/2002	surface	566-220-0	1. TTLC	66	mg/kg	5	7/18/2002	Lead	Soil	ATL	
7/16/2002	surface	566-220-0	2. STLC	6.2	mg/l	0.2	7/26/2002	Lead	Soil	ATL	
7/16/2002	surface	566-220-0	3. STLC-DI	ND	mg/l	0.2	7/28/2002	Lead	Soil	ATL	
7/16/2002	surface	566-220-0	4. TCLP		mg/l			Lead	Soil	ATL	
7/16/2002	surface	566-220-0	5. PH	8.29		0.1	7/21/2002		Soil	ATL	
7/16/2002	.3 m	566-220-1	1. TTLC	15	mg/kg	5	7/18/2002	Lead	Soil	ATL	
7/16/2002	.3 m	566-220-1	2. STLC		mg/l			Lead	Soil	ATL	
7/16/2002	.3 m	566-220-1	3. STLC-DI		mg/l			Lead	Soil	ATL	
7/16/2002	.3 m	566-220-1	4. TCLP		mg/l			Lead	Soil	ATL	
7/16/2002	.3 m	566-220-1	5. PH						Soil	ATL	
7/16/2002	.6 m	566-220-2	1. TTLC	11	mg/kg	5	7/18/2002	Lead	Soil	ATL	
7/16/2002	.6 m	566-220-2	2. STLC		mg/l			Lead	Soil	ATL	
7/16/2002	.6 m	566-220-2	3. STLC-DI		mg/l			Lead	Soil	ATL	
7/16/2002	.6 m	566-220-2	4. TCLP		mg/l			Lead	Soil	ATL	
7/16/2002	.6 m	566-220-2	5. PH						Soil	ATL	
7/16/2002	.9 m	566-220-3	1. TTLC	9.3	mg/kg	5	7/18/2002	Lead	Soil	ATL	
7/16/2002	.9 m	566-220-3	2. STLC		mg/l			Lead	Soil	ATL	
7/16/2002	.9 m	566-220-3	3. STLC-DI		mg/l			Lead	Soil	ATL	
7/16/2002	.9 m	566-220-3	4. TCLP		mg/l			Lead	Soil	ATL	
7/16/2002	.9 m	566-220-3	5. PH						Soil	ATL	
7/9/2002	surface	566-221-0	1. TTLC	860	mg/kg	5	7/12/2002	Lead	Soil	ATL	
7/9/2002	surface	566-221-0	2. STLC	83	mg/l	2	7/17/2002	Lead	Soil	ATL	
7/9/2002	surface	566-221-0	3. STLC-DI	7.3	mg/l	0.2	7/16/2002	Lead	Soil	ATL	
7/9/2002	surface	566-221-0	4. TCLP		mg/l			Lead	Soil	ATL	
7/9/2002	surface	566-221-0	5. PH						Soil	ATL	
7/9/2002	.3 m	566-221-1	1. TTLC	140	mg/kg	5	7/12/2002	Lead	Soil	ATL	
7/9/2002	.3 m	566-221-1	2. STLC	8.9	mg/l	0.2	7/17/2002	Lead	Soil	ATL	
7/9/2002	.3 m	566-221-1	3. STLC-DI	ND	mg/l	0.2	7/16/2002	Lead	Soil	ATL	
7/9/2002	.3 m	566-221-1	4. TCLP		mg/l			Lead	Soil	ATL	
7/9/2002	.3 m	566-221-1	5. PH						Soil	ATL	
7/9/2002	.6 m	566-221-2	1. TTLC	29	mg/kg	5	7/12/2002	Lead	Soil	ATL	
7/9/2002	.6 m	566-221-2	2. STLC		mg/l			Lead	Soil	ATL	
7/9/2002	.6 m	566-221-2	3. STLC-DI		mg/l			Lead	Soil	ATL	
7/9/2002	.6 m	566-221-2	4. TCLP		mg/l			Lead	Soil	ATL	
7/9/2002	.6 m	566-221-2	5. PH						Soil	ATL	
7/9/2002	.9 m	566-221-3	1. TTLC	61	mg/kg	5	7/12/2002	Lead	Soil	ATL	
7/9/2002	.9 m	566-221-3	2. STLC	3.2	mg/l	0.2	7/17/2002	Lead	Soil	ATL	
7/9/2002	.9 m	566-221-3	3. STLC-DI		mg/l			Lead	Soil	ATL	
7/9/2002	.9 m	566-221-3	4. TCLP		mg/l			Lead	Soil	ATL	
7/9/2002	.9 m	566-221-3	5. PH						Soil	ATL	
7/9/2002	surface	566-222-0	1. TTLC	1100	mg/kg	5	7/12/2002	Lead	Soil	ATL	
7/9/2002	surface	566-222-0	2. STLC		mg/l			Lead	Soil	ATL	
7/9/2002	surface	566-222-0	3. STLC-DI		mg/l			Lead	Soil	ATL	
7/9/2002	surface	566-222-0	4. TCLP	2.6	mg/l	0.2	7/18/2002	Lead	Soil	ATL	
7/9/2002	surface	566-222-0	5. PH						Soil	ATL	
7/9/2002	.3 m	566-222-1	1. TTLC	1500	mg/kg	5	7/12/2002	Lead	Soil	ATL	
7/9/2002	.3 m	566-222-1	2. STLC		mg/l			Lead	Soil	ATL	
7/9/2002	.3 m	566-222-1	3. STLC-DI		mg/l			Lead	Soil	ATL	
7/9/2002	.3 m	566-222-1	4. TCLP	6.1	mg/l	0.2	7/18/2002	Lead	Soil	ATL	
7/9/2002	.3 m	566-222-1	5. PH						Soil	ATL	
7/9/2002	.6 m	566-222-2	1. TTLC	63	mg/kg	5	7/12/2002	Lead	Soil	ATL	
7/9/2002	.6 m	566-222-2	2. STLC	3.9	mg/l	0.2	7/17/2002	Lead	Soil	ATL	
7/9/2002	.6 m	566-222-2	3. STLC-DI		mg/l			Lead	Soil	ATL	
7/9/2002	.6 m	566-222-2	4. TCLP		mg/l			Lead	Soil	ATL	
7/9/2002	.6 m	566-222-2	5. PH						Soil	ATL	
7/9/2002	.9 m	566-222-3	1. TTLC	11	mg/kg	5	7/12/2002	Lead	Soil	ATL	
7/9/2002	.9 m	566-222-3	2. STLC		mg/l			Lead	Soil	ATL	
7/9/2002	.9 m	566-222-3	3. STLC-DI		mg/l			Lead	Soil	ATL	
7/9/2002	.9 m	566-222-3	4. TCLP					Lead	Soil	ATL	

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	.9 m	566-222-3	5. PH						Soil	ATL
7/9/2002	surface	566-223-0	1. TTLC	1200	mg/kg	5	7/12/2002	Lead	Soil	ATL
	surface	566-223-0	2. STLC		mg/l			Lead	Soil	ATL
	surface	566-223-0	3. STLC-DI		mg/l			Lead	Soil	ATL
7/9/2002	surface	566-223-0	4. TCLP	2.7	mg/l	0.2	7/18/2002	Lead	Soil	ATL
	surface	566-223-0	5. PH						Soil	ATL
7/9/2002	.3 m	566-223-1	1. TTLC	1100	mg/kg	5	7/12/2002	Lead	Soil	ATL
	.3 m	566-223-1	2. STLC		mg/l			Lead	Soil	ATL
	.3 m	566-223-1	3. STLC-DI		mg/l			Lead	Soil	ATL
7/9/2002	.3 m	566-223-1	4. TCLP	3.7	mg/l	0.2	7/18/2002	Lead	Soil	ATL
7/9/2002	.3 m	566-223-1	5. PH	7.08		0.1	7/11/2002		Soil	ATL
7/9/2002	.6 m	566-223-2	1. TTLC	270	mg/kg	5	7/12/2002	Lead	Soil	ATL
7/9/2002	.6 m	566-223-2	2. STLC	23	mg/l	0.4	7/17/2002	Lead	Soil	ATL
7/9/2002	.6 m	566-223-2	3. STLC-DI	5.6	mg/l	0.2	7/16/2002	Lead	Soil	ATL
	.6 m	566-223-2	4. TCLP		mg/l			Lead	Soil	ATL
	.6 m	566-223-2	5. PH						Soil	ATL
7/9/2002	.9 m	566-223-3	1. TTLC	15	mg/kg	5	7/12/2002	Lead	Soil	ATL
	.9 m	566-223-3	2. STLC		mg/l			Lead	Soil	ATL
	.9 m	566-223-3	3. STLC-DI		mg/l			Lead	Soil	ATL
	.9 m	566-223-3	4. TCLP		mg/l			Lead	Soil	ATL
	.9 m	566-223-3	5. PH						Soil	ATL
7/9/2002	surface	566-224-0	1. TTLC	1000	mg/kg	5	7/12/2002	Lead	Soil	ATL
	surface	566-224-0	2. STLC		mg/l			Lead	Soil	ATL
	surface	566-224-0	3. STLC-DI		mg/l			Lead	Soil	ATL
7/9/2002	surface	566-224-0	4. TCLP	4.7	mg/l	0.2	7/18/2002	Lead	Soil	ATL
	surface	566-224-0	5. PH						Soil	ATL
7/9/2002	.3 m	566-224-1	1. TTLC	16	mg/kg	5	7/12/2002	Lead	Soil	ATL
	.3 m	566-224-1	2. STLC		mg/l			Lead	Soil	ATL
	.3 m	566-224-1	3. STLC-DI		mg/l			Lead	Soil	ATL
	.3 m	566-224-1	4. TCLP		mg/l			Lead	Soil	ATL
	.3 m	566-224-1	5. PH						Soil	ATL
7/9/2002	.6 m	566-224-2	1. TTLC	ND	mg/kg	5	7/12/2002	Lead	Soil	ATL
	.6 m	566-224-2	2. STLC		mg/l			Lead	Soil	ATL
	.6 m	566-224-2	3. STLC-DI		mg/l			Lead	Soil	ATL
	.6 m	566-224-2	4. TCLP		mg/l			Lead	Soil	ATL
	.6 m	566-224-2	5. PH						Soil	ATL
7/9/2002	.9 m	566-224-3	1. TTLC	5.9	mg/kg	5	7/12/2002	Lead	Soil	ATL
	.9 m	566-224-3	2. STLC		mg/l			Lead	Soil	ATL
	.9 m	566-224-3	3. STLC-DI		mg/l			Lead	Soil	ATL
	.9 m	566-224-3	4. TCLP		mg/l			Lead	Soil	ATL
	.9 m	566-224-3	5. PH						Soil	ATL
7/9/2002	surface	566-225-0	1. TTLC	280	mg/kg	5	7/12/2002	Lead	Soil	ATL
7/9/2002	surface	566-225-0	2. STLC	29	mg/l	0.4	7/17/2002	Lead	Soil	ATL
7/9/2002	surface	566-225-0	3. STLC-DI	3.6	mg/l	0.2	7/16/2002	Lead	Soil	ATL
	surface	566-225-0	4. TCLP		mg/l			Lead	Soil	ATL
	surface	566-225-0	5. PH						Soil	ATL
7/9/2002	.3 m	566-225-1	1. TTLC	78	mg/kg	5	7/12/2002	Lead	Soil	ATL
7/9/2002	.3 m	566-225-1	2. STLC	5.3	mg/l	0.2	7/17/2002	Lead	Soil	ATL
7/9/2002	.3 m	566-225-1	3. STLC-DI	1	mg/l	0.2	7/16/2002	Lead	Soil	ATL
	.3 m	566-225-1	4. TCLP		mg/l			Lead	Soil	ATL
	.3 m	566-225-1	5. PH						Soil	ATL
7/9/2002	.6 m	566-225-2	1. TTLC	99	mg/kg	5	7/12/2002	Lead	Soil	ATL
7/9/2002	.6 m	566-225-2	2. STLC	8.5	mg/l	0.2	7/17/2002	Lead	Soil	ATL
7/9/2002	.6 m	566-225-2	3. STLC-DI	1.7	mg/l	0.2	7/16/2002	Lead	Soil	ATL
	.6 m	566-225-2	4. TCLP		mg/l			Lead	Soil	ATL
	.6 m	566-225-2	5. PH						Soil	ATL
7/9/2002	.9 m	566-225-3	1. TTLC	ND	mg/kg	5	7/12/2002	Lead	Soil	ATL
	.9 m	566-225-3	2. STLC		mg/l			Lead	Soil	ATL
	.9 m	566-225-3	3. STLC-DI		mg/l			Lead	Soil	ATL
	.9 m	566-225-3	4. TCLP		mg/l			Lead	Soil	ATL
7/9/2002	.9 m	566-225-3	5. PH	7.81	mg/l	0.1	7/11/2002	Lead	Soil	ATL

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7/9/2002	surface	566-226-0	1. TTLC	720	mg/kg	5	7/12/2002	Lead	Soil	ATL
7/9/2002	surface	566-226-0	2. STLC	83	mg/l	2	7/17/2002	Lead	Soil	ATL
7/9/2002	surface	566-226-0	3. STLC-DI	14	mg/l	0.2	7/16/2002	Lead	Soil	ATL
	surface	566-226-0	4. TCLP		mg/l			Lead	Soil	ATL
	surface	566-226-0	5. PH						Soil	ATL
7/9/2002	.3 m	566-226-1	1. TTLC	190	mg/kg	5	7/12/2002	Lead	Soil	ATL
7/9/2002	.3 m	566-226-1	2. STLC	18	mg/l	0.4	7/17/2002	Lead	Soil	ATL
7/9/2002	.3 m	566-226-1	3. STLC-DI	4.5	mg/l	0.2	7/16/2002	Lead	Soil	ATL
	.3 m	566-226-1	4. TCLP		mg/l			Lead	Soil	ATL
	.3 m	566-226-1	5. PH						Soil	ATL
7/9/2002	.6 m	566-226-2	1. TTLC	66	mg/kg	5	7/12/2002	Lead	Soil	ATL
7/9/2002	.6 m	566-226-2	2. STLC	1.2	mg/l	0.2	7/17/2002	Lead	Soil	ATL
	.6 m	566-226-2	3. STLC-DI		mg/l			Lead	Soil	ATL
	.6 m	566-226-2	4. TCLP		mg/l			Lead	Soil	ATL
	.6 m	566-226-2	5. PH						Soil	ATL
7/9/2002	.9 m	566-226-3	1. TTLC	7.5	mg/kg	5	7/12/2002	Lead	Soil	ATL
	.9 m	566-226-3	2. STLC		mg/l			Lead	Soil	ATL
	.9 m	566-226-3	3. STLC-DI		mg/l			Lead	Soil	ATL
	.9 m	566-226-3	4. TCLP		mg/l			Lead	Soil	ATL
	.9 m	566-226-3	5. PH						Soil	ATL
7/9/2002	surface	566-227-0	1. TTLC	1900	mg/kg	5	7/12/2002	Lead	Soil	ATL
	surface	566-227-0	2. STLC		mg/l			Lead	Soil	ATL
	surface	566-227-0	3. STLC-DI		mg/l			Lead	Soil	ATL
7/9/2002	surface	566-227-0	4. TCLP	5.4	mg/l	0.2	7/18/2002	Lead	Soil	ATL
	surface	566-227-0	5. PH						Soil	ATL
7/9/2002	.3 m	566-227-1	1. TTLC	500	mg/kg	5	7/12/2002	Lead	Soil	ATL
7/9/2002	.3 m	566-227-1	2. STLC	44	mg/l	0.8	7/17/2002	Lead	Soil	ATL
7/9/2002	.3 m	566-227-1	3. STLC-DI	0.47	mg/l	0.2	7/16/2002	Lead	Soil	ATL
	.3 m	566-227-1	4. TCLP		mg/l			Lead	Soil	ATL
	.3 m	566-227-1	5. PH						Soil	ATL
	.6 m	566-227-2	1. TTLC		mg/kg			Lead	Soil	ATL
	.6 m	566-227-2	2. STLC		mg/l			Lead	Soil	ATL
	.6 m	566-227-2	3. STLC-DI		mg/l			Lead	Soil	ATL
	.6 m	566-227-2	4. TCLP		mg/l			Lead	Soil	ATL
	.6 m	566-227-2	5. PH						Soil	ATL
	.9 m	566-227-3	1. TTLC		mg/kg			Lead	Soil	ATL
	.9 m	566-227-3	2. STLC		mg/l			Lead	Soil	ATL
	.9 m	566-227-3	3. STLC-DI		mg/l			Lead	Soil	ATL
	.9 m	566-227-3	4. TCLP		mg/l			Lead	Soil	ATL
	.9 m	566-227-3	5. PH						Soil	ATL
7/9/2002	surface	566-228-0	1. TTLC	2000	mg/kg	5	7/12/2002	Lead	Soil	ATL
	surface	566-228-0	2. STLC		mg/l			Lead	Soil	ATL
	surface	566-228-0	3. STLC-DI		mg/l			Lead	Soil	ATL
7/9/2002	surface	566-228-0	4. TCLP	5.2	mg/l	0.2	7/18/2002	Lead	Soil	ATL
	surface	566-228-0	5. PH						Soil	ATL
7/9/2002	.3 m	566-228-1	1. TTLC	280	mg/kg	5	7/12/2002	Lead	Soil	ATL
7/9/2002	.3 m	566-228-1	2. STLC	19	mg/l	0.4	7/17/2002	Lead	Soil	ATL
7/9/2002	.3 m	566-228-1	3. STLC-DI	3.2	mg/l	0.2	7/16/2002	Lead	Soil	ATL
	.3 m	566-228-1	4. TCLP		mg/l			Lead	Soil	ATL
	.3 m	566-228-1	5. PH						Soil	ATL
7/9/2002	.6 m	566-228-2	1. TTLC	23	mg/kg	5	7/12/2002	Lead	Soil	ATL
	.6 m	566-228-2	2. STLC		mg/l			Lead	Soil	ATL
	.6 m	566-228-2	3. STLC-DI		mg/l			Lead	Soil	ATL
	.6 m	566-228-2	4. TCLP		mg/l			Lead	Soil	ATL
	.6 m	566-228-2	5. PH						Soil	ATL
7/9/2002	.9 m	566-228-3	1. TTLC	8.8	mg/kg	5	7/12/2002	Lead	Soil	ATL
	.9 m	566-228-3	2. STLC		mg/l			Lead	Soil	ATL
	.9 m	566-228-3	3. STLC-DI		mg/l			Lead	Soil	ATL
	.9 m	566-228-3	4. TCLP		mg/l			Lead	Soil	ATL
7/9/2002	.9 m	566-228-3	5. PH	8.29		0.1	7/11/2002	Lead	Soil	ATL
7/9/2002	surface	566-229-0	1. TTLC	1200	mg/kg	5	7/12/2002	Lead	Soil	ATL

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	surface	566-229-0	2. STLC		mg/l				Lead	Soil	ATL
	surface	566-229-0	3. STLC-DI		mg/l				Lead	Soil	ATL
7/9/2002	surface	566-229-0	4. TCLP	2.7	mg/l	0.2	7/18/2002		Lead	Soil	ATL
	surface	566-229-0	5. PH							Soil	ATL
7/9/2002	.3 m	566-229-1	1. TTLC	800	mg/kg	5	7/12/2002		Lead	Soil	ATL
7/9/2002	.3 m	566-229-1	2. STLC	47	mg/l	0.8	7/17/2002		Lead	Soil	ATL
7/9/2002	.3 m	566-229-1	3. STLC-DI	10	mg/l	0.2	7/16/2002		Lead	Soil	ATL
	.3 m	566-229-1	4. TCLP		mg/l				Lead	Soil	ATL
	.3 m	566-229-1	5. PH							Soil	ATL
7/9/2002	.6 m	566-229-2	1. TTLC	11	mg/kg	5	7/12/2002		Lead	Soil	ATL
	.6 m	566-229-2	2. STLC		mg/l				Lead	Soil	ATL
	.6 m	566-229-2	3. STLC-DI		mg/l				Lead	Soil	ATL
	.6 m	566-229-2	4. TCLP		mg/l				Lead	Soil	ATL
	.6 m	566-229-2	5. PH							Soil	ATL
7/9/2002	.9 m	566-229-3	1. TTLC	24	mg/kg	5	7/12/2002		Lead	Soil	ATL
	.9 m	566-229-3	2. STLC		mg/l				Lead	Soil	ATL
	.9 m	566-229-3	3. STLC-DI		mg/l				Lead	Soil	ATL
	.9 m	566-229-3	4. TCLP		mg/l				Lead	Soil	ATL
	.9 m	566-229-3	5. PH							Soil	ATL
7/9/2002	surface	566-230-0	1. TTLC	630	mg/kg	5	7/12/2002		Lead	Soil	ATL
7/9/2002	surface	566-230-0	2. STLC	50	mg/l	1	7/17/2002		Lead	Soil	ATL
7/9/2002	surface	566-230-0	3. STLC-DI	5.6	mg/l	0.2	7/16/2002		Lead	Soil	ATL
	surface	566-230-0	4. TCLP		mg/l				Lead	Soil	ATL
	surface	566-230-0	5. PH							Soil	ATL
	.3 m	566-230-1	1. TTLC		mg/kg				Lead	Soil	ATL
	.3 m	566-230-1	2. STLC		mg/l				Lead	Soil	ATL
	.3 m	566-230-1	3. STLC-DI		mg/l				Lead	Soil	ATL
	.3 m	566-230-1	4. TCLP		mg/l				Lead	Soil	ATL
	.3 m	566-230-1	5. PH							Soil	ATL
	.6 m	566-230-2	1. TTLC		mg/kg				Lead	Soil	ATL
	.6 m	566-230-2	2. STLC		mg/l				Lead	Soil	ATL
	.6 m	566-230-2	3. STLC-DI		mg/l				Lead	Soil	ATL
	.6 m	566-230-2	4. TCLP		mg/l				Lead	Soil	ATL
	.6 m	566-230-2	5. PH							Soil	ATL
	.9 m	566-230-3	1. TTLC		mg/kg				Lead	Soil	ATL
	.9 m	566-230-3	2. STLC		mg/l				Lead	Soil	ATL
	.9 m	566-230-3	3. STLC-DI		mg/l				Lead	Soil	ATL
	.9 m	566-230-3	4. TCLP		mg/l				Lead	Soil	ATL
	.9 m	566-230-3	5. PH							Soil	ATL
7/9/2002	surface	566-231-0	1. TTLC	1100	mg/kg	5	7/12/2002		Lead	Soil	ATL
	surface	566-231-0	2. STLC		mg/l				Lead	Soil	ATL
	surface	566-231-0	3. STLC-DI		mg/l				Lead	Soil	ATL
7/9/2002	surface	566-231-0	4. TCLP	3.1	mg/l	0.2	7/18/2002		Lead	Soil	ATL
	surface	566-231-0	5. PH							Soil	ATL
7/9/2002	.3 m	566-231-1	1. TTLC	390	mg/kg	5	7/12/2002		Lead	Soil	ATL
7/9/2002	.3 m	566-231-1	2. STLC	37	mg/l	0.8	7/17/2002		Lead	Soil	ATL
7/9/2002	.3 m	566-231-1	3. STLC-DI	6.7	mg/l	0.2	7/16/2002		Lead	Soil	ATL
	.3 m	566-231-1	4. TCLP		mg/l				Lead	Soil	ATL
	.3 m	566-231-1	5. PH							Soil	ATL
7/9/2002	.6 m	566-231-2	1. TTLC	14	mg/kg	5	7/12/2002		Lead	Soil	ATL
	.6 m	566-231-2	2. STLC		mg/l				Lead	Soil	ATL
	.6 m	566-231-2	3. STLC-DI		mg/l				Lead	Soil	ATL
	.6 m	566-231-2	4. TCLP		mg/l				Lead	Soil	ATL
	.6 m	566-231-2	5. PH							Soil	ATL
7/9/2002	.9 m	566-231-3	1. TTLC	5.9	mg/kg	5	7/12/2002		Lead	Soil	ATL
	.9 m	566-231-3	2. STLC		mg/l				Lead	Soil	ATL
	.9 m	566-231-3	3. STLC-DI		mg/l				Lead	Soil	ATL
	.9 m	566-231-3	4. TCLP		mg/l				Lead	Soil	ATL
	.9 m	566-231-3	5. PH							Soil	ATL
7/9/2002	surface	566-232-0	1. TTLC	840	mg/kg	5	7/12/2002		Lead	Soil	ATL
7/9/2002	surface	566-232-0	2. STLC	57	mg/l	1	7/17/2002		Lead	Soil	ATL

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7/9/2002	surface	566-232-0	3. STLC-DI	8.9	mg/l	0.2	7/16/2002	Lead	Soil	ATL
	surface	566-232-0	4. TCLP		mg/l			Lead	Soil	ATL
7/9/2002	surface	566-232-0	5. PH	6.83		0.1	7/11/2002		Soil	ATL
7/9/2002	.3 m	566-232-1	1. TTLC	610	mg/kg	5	7/12/2002	Lead	Soil	ATL
7/9/2002	.3 m	566-232-1	2. STLC	46	mg/l	1	7/17/2002	Lead	Soil	ATL
7/9/2002	.3 m	566-232-1	3. STLC-DI	11	mg/l	0.2	7/16/2002	Lead	Soil	ATL
	.3 m	566-232-1	4. TCLP		mg/l			Lead	Soil	ATL
	.3 m	566-232-1	5. PH						Soil	ATL
7/9/2002	.6 m	566-232-2	1. TTLC	300	mg/kg	5	7/12/2002	Lead	Soil	ATL
7/9/2002	.6 m	566-232-2	2. STLC	22	mg/l	0.4	7/17/2002	Lead	Soil	ATL
7/9/2002	.6 m	566-232-2	3. STLC-DI	8.1	mg/l	0.2	7/16/2002	Lead	Soil	ATL
	.6 m	566-232-2	4. TCLP		mg/l			Lead	Soil	ATL
	.6 m	566-232-2	5. PH						Soil	ATL
	.9 m	566-232-3	1. TTLC		mg/kg			Lead	Soil	ATL
	.9 m	566-232-3	2. STLC		mg/l			Lead	Soil	ATL
	.9 m	566-232-3	3. STLC-DI		mg/l			Lead	Soil	ATL
	.9 m	566-232-3	4. TCLP		mg/l			Lead	Soil	ATL
	.9 m	566-232-3	5. PH						Soil	ATL
7/9/2002	surface	566-233-0	1. TTLC	1600	mg/kg	5	7/12/2002	Lead	Soil	ATL
	surface	566-233-0	2. STLC		mg/l			Lead	Soil	ATL
	surface	566-233-0	3. STLC-DI		mg/l			Lead	Soil	ATL
7/9/2002	surface	566-233-0	4. TCLP	3.9	mg/l	0.2	7/18/2002	Lead	Soil	ATL
	surface	566-233-0	5. PH						Soil	ATL
7/9/2002	.3 m	566-233-1	1. TTLC	280	mg/kg	5	7/12/2002	Lead	Soil	ATL
7/9/2002	.3 m	566-233-1	2. STLC	13	mg/l	0.2	7/17/2002	Lead	Soil	ATL
7/9/2002	.3 m	566-233-1	3. STLC-DI	ND	mg/l	0.2	7/16/2002	Lead	Soil	ATL
	.3 m	566-233-1	4. TCLP		mg/l			Lead	Soil	ATL
	.3 m	566-233-1	5. PH						Soil	ATL
	.6 m	566-233-2	1. TTLC		mg/kg			Lead	Soil	ATL
	.6 m	566-233-2	2. STLC		mg/l			Lead	Soil	ATL
	.6 m	566-233-2	3. STLC-DI		mg/l			Lead	Soil	ATL
	.6 m	566-233-2	4. TCLP		mg/l			Lead	Soil	ATL
	.6 m	566-233-2	5. PH						Soil	ATL
	.9 m	566-233-3	1. TTLC		mg/kg			Lead	Soil	ATL
	.9 m	566-233-3	2. STLC		mg/l			Lead	Soil	ATL
	.9 m	566-233-3	3. STLC-DI		mg/l			Lead	Soil	ATL
	.9 m	566-233-3	4. TCLP		mg/l			Lead	Soil	ATL
	.9 m	566-233-3	5. PH						Soil	ATL
7/9/2002	surface	566-234-0	1. TTLC	540	mg/kg	5	7/12/2002	Lead	Soil	ATL
7/9/2002	surface	566-234-0	2. STLC	45	mg/l	0.8	7/17/2002	Lead	Soil	ATL
7/9/2002	surface	566-234-0	3. STLC-DI	0.99	mg/l	0.2	7/16/2002	Lead	Soil	ATL
	surface	566-234-0	4. TCLP		mg/l			Lead	Soil	ATL
	surface	566-234-0	5. PH						Soil	ATL
7/9/2002	.3 m	566-234-1	1. TTLC	1100	mg/kg	5	7/12/2002	Lead	Soil	ATL
	.3 m	566-234-1	2. STLC		mg/l			Lead	Soil	ATL
	.3 m	566-234-1	3. STLC-DI		mg/l			Lead	Soil	ATL
7/9/2002	.3 m	566-234-1	4. TCLP	5.1	mg/l	0.2	7/18/2002	Lead	Soil	ATL
	.3 m	566-234-1	5. PH						Soil	ATL
	.6 m	566-234-2	1. TTLC		mg/kg			Lead	Soil	ATL
	.6 m	566-234-2	2. STLC		mg/l			Lead	Soil	ATL
	.6 m	566-234-2	3. STLC-DI		mg/l			Lead	Soil	ATL
	.6 m	566-234-2	4. TCLP		mg/l			Lead	Soil	ATL
	.6 m	566-234-2	5. PH						Soil	ATL
	.9 m	566-234-3	1. TTLC		mg/kg			Lead	Soil	ATL
	.9 m	566-234-3	2. STLC		mg/l			Lead	Soil	ATL
	.9 m	566-234-3	3. STLC-DI		mg/l			Lead	Soil	ATL
	.9 m	566-234-3	4. TCLP		mg/l			Lead	Soil	ATL
	.9 m	566-234-3	5. PH						Soil	ATL
7/9/2002	surface	566-235-0	1. TTLC	500	mg/kg	5	7/12/2002	Lead	Soil	ATL
7/9/2002	surface	566-235-0	2. STLC	42	mg/l	0.8	7/17/2002	Lead	Soil	ATL
7/9/2002	surface	566-235-0	3. STLC-DI	2.6	mg/l	0.2	7/16/2002	Lead	Soil	ATL

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	surface	566-235-0	4. TCLP		mg/l			Lead	Soil	ATL
	surface	566-235-0	5. PH						Soil	ATL
7/9/2002	.3 m	566-235-1	1. TTLC	160	mg/kg	5	7/12/2002	Lead	Soil	ATL
7/9/2002	.3 m	566-235-1	2. STLC	9.8	mg/l	0.2	7/17/2002	Lead	Soil	ATL
7/9/2002	.3 m	566-235-1	3. STLC-DI	2.4	mg/l	0.2	7/16/2002	Lead	Soil	ATL
	.3 m	566-235-1	4. TCLP		mg/l			Lead	Soil	ATL
	.3 m	566-235-1	5. PH						Soil	ATL
7/9/2002	.6 m	566-235-2	1. TTLC	ND	mg/kg	5	7/12/2002	Lead	Soil	ATL
	.6 m	566-235-2	2. STLC		mg/l			Lead	Soil	ATL
	.6 m	566-235-2	3. STLC-DI		mg/l			Lead	Soil	ATL
	.6 m	566-235-2	4. TCLP		mg/l			Lead	Soil	ATL
	.6 m	566-235-2	5. PH						Soil	ATL
7/9/2002	.9 m	566-235-3	1. TTLC	8.2	mg/kg	5	7/12/2002	Lead	Soil	ATL
	.9 m	566-235-3	2. STLC		mg/l			Lead	Soil	ATL
	.9 m	566-235-3	3. STLC-DI		mg/l			Lead	Soil	ATL
	.9 m	566-235-3	4. TCLP		mg/l			Lead	Soil	ATL
7/9/2002	.9 m	566-235-3	5. PH	8.01		0.1	7/11/2002		Soil	ATL
7/10/2002	surface	566-236-0	1. TTLC	600	mg/kg	5	7/12/2002	Lead	Soil	ATL
7/10/2002	surface	566-236-0	2. STLC	65	mg/l	1	7/23/2002	Lead	Soil	ATL
7/10/2002	surface	566-236-0	3. STLC-DI	0.68	mg/l	0.2	7/22/2002	Lead	Soil	ATL
	surface	566-236-0	4. TCLP		mg/l			Lead	Soil	ATL
7/10/2002	surface	566-236-0	5. PH	6.7		0.1	7/12/2002		Soil	ATL
7/10/2002	.3 m	566-236-1	1. TTLC	300	mg/kg	5	7/12/2002	Lead	Soil	ATL
7/10/2002	.3 m	566-236-1	2. STLC	24	mg/l	0.4	7/23/2002	Lead	Soil	ATL
7/10/2002	.3 m	566-236-1	3. STLC-DI	0.52	mg/l	0.2	7/22/2002	Lead	Soil	ATL
	.3 m	566-236-1	4. TCLP		mg/l			Lead	Soil	ATL
	.3 m	566-236-1	5. PH						Soil	ATL
7/10/2002	.6 m	566-236-2	1. TTLC	20	mg/kg	5	7/12/2002	Lead	Soil	ATL
	.6 m	566-236-2	2. STLC		mg/l			Lead	Soil	ATL
	.6 m	566-236-2	3. STLC-DI		mg/l			Lead	Soil	ATL
	.6 m	566-236-2	4. TCLP		mg/l			Lead	Soil	ATL
	.6 m	566-236-2	5. PH						Soil	ATL
7/10/2002	.9 m	566-236-3	1. TTLC	11	mg/kg	5	7/12/2002	Lead	Soil	ATL
	.9 m	566-236-3	2. STLC		mg/l			Lead	Soil	ATL
	.9 m	566-236-3	3. STLC-DI		mg/l			Lead	Soil	ATL
	.9 m	566-236-3	4. TCLP		mg/l			Lead	Soil	ATL
	.9 m	566-236-3	5. PH						Soil	ATL
7/10/2002	surface	566-237-0	1. TTLC	720	mg/kg	5	7/12/2002	Lead	Soil	ATL
7/10/2002	surface	566-237-0	2. STLC	79	mg/l	2	7/23/2002	Lead	Soil	ATL
7/10/2002	surface	566-237-0	3. STLC-DI	1.1	mg/l	0.2	7/22/2002	Lead	Soil	ATL
	surface	566-237-0	4. TCLP		mg/l			Lead	Soil	ATL
	surface	566-237-0	5. PH						Soil	ATL
7/10/2002	.3 m	566-237-1	1. TTLC	540	mg/kg	5	7/12/2002	Lead	Soil	ATL
7/10/2002	.3 m	566-237-1	2. STLC	59	mg/l	1	7/23/2002	Lead	Soil	ATL
7/10/2002	.3 m	566-237-1	3. STLC-DI	0.81	mg/l	0.2	7/22/2002	Lead	Soil	ATL
	.3 m	566-237-1	4. TCLP		mg/l			Lead	Soil	ATL
	.3 m	566-237-1	5. PH						Soil	ATL
7/10/2002	.6 m	566-237-2	1. TTLC	190	mg/kg	5	7/12/2002	Lead	Soil	ATL
7/10/2002	.6 m	566-237-2	2. STLC	14	mg/l	0.2	7/23/2002	Lead	Soil	ATL
7/10/2002	.6 m	566-237-2	3. STLC-DI	0.22	mg/l	0.2	7/22/2002	Lead	Soil	ATL
	.6 m	566-237-2	4. TCLP		mg/l			Lead	Soil	ATL
	.6 m	566-237-2	5. PH						Soil	ATL
	.9 m	566-237-3	1. TTLC		mg/kg			Lead	Soil	ATL
	.9 m	566-237-3	2. STLC		mg/l			Lead	Soil	ATL
	.9 m	566-237-3	3. STLC-DI		mg/l			Lead	Soil	ATL
	.9 m	566-237-3	4. TCLP		mg/l			Lead	Soil	ATL
	.9 m	566-237-3	5. PH						Soil	ATL
7/10/2002	surface	566-238-0	1. TTLC	1100	mg/kg	5	7/12/2002	Lead	Soil	ATL
	surface	566-238-0	2. STLC		mg/l			Lead	Soil	ATL
	surface	566-238-0	3. STLC-DI		mg/l			Lead	Soil	ATL
7/10/2002	surface	566-238-0	4. TCLP	1.6	mg/l	0.2	7/24/2002	Lead	Soil	ATL

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	surface	566-238-0	5. PH						Soil	ATL
7/10/2002	.3 m	566-238-1	1. TTLC	2000	mg/kg	5	7/12/2002	Lead	Soil	ATL
	.3 m	566-238-1	2. STLC		mg/l			Lead	Soil	ATL
	.3 m	566-238-1	3. STLC-DI		mg/l			Lead	Soil	ATL
7/10/2002	.3 m	566-238-1	4. TCLP	27	mg/l	0.4	7/24/2002	Lead	Soil	ATL
	.3 m	566-238-1	5. PH						Soil	ATL
7/10/2002	.6 m	566-238-2	1. TTLC	110	mg/kg	5	7/12/2002	Lead	Soil	ATL
7/10/2002	.6 m	566-238-2	2. STLC	12	mg/l	0.2	7/23/2002	Lead	Soil	ATL
7/10/2002	.6 m	566-238-2	3. STLC-DI	1.5	mg/l	0.2	7/22/2002	Lead	Soil	ATL
	.6 m	566-238-2	4. TCLP		mg/l			Lead	Soil	ATL
7/10/2002	.6 m	566-238-2	5. PH	7.92		0.1	7/11/2002		Soil	ATL
7/10/2002	.9 m	566-238-3	1. TTLC	300	mg/kg	5	7/12/2002	Lead	Soil	ATL
7/10/2002	.9 m	566-238-3	2. STLC	48	mg/l	0.8	7/23/2002	Lead	Soil	ATL
7/10/2002	.9 m	566-238-3	3. STLC-DI	3.2	mg/l	0.2	7/22/2002	Lead	Soil	ATL
	.9 m	566-238-3	4. TCLP		mg/l			Lead	Soil	ATL
7/10/2002	.9 m	566-238-3	5. PH						Soil	ATL
	surface	566-239-0	1. TTLC	1000	mg/kg	5	7/12/2002	Lead	Soil	ATL
	surface	566-239-0	2. STLC		mg/l			Lead	Soil	ATL
	surface	566-239-0	3. STLC-DI		mg/l			Lead	Soil	ATL
7/10/2002	surface	566-239-0	4. TCLP	1.5	mg/l	0.2	7/24/2002	Lead	Soil	ATL
	surface	566-239-0	5. PH						Soil	ATL
7/10/2002	.3 m	566-239-1	1. TTLC	64	mg/kg	5	7/12/2002	Lead	Soil	ATL
7/10/2002	.3 m	566-239-1	2. STLC	5.6	mg/l	0.2	7/23/2002	Lead	Soil	ATL
7/10/2002	.3 m	566-239-1	3. STLC-DI	ND	mg/l	0.2	7/22/2002	Lead	Soil	ATL
	.3 m	566-239-1	4. TCLP		mg/l			Lead	Soil	ATL
	.3 m	566-239-1	5. PH						Soil	ATL
7/10/2002	.6 m	566-239-2	1. TTLC	9.9	mg/kg	5	7/12/2002	Lead	Soil	ATL
	.6 m	566-239-2	2. STLC		mg/l			Lead	Soil	ATL
	.6 m	566-239-2	3. STLC-DI		mg/l			Lead	Soil	ATL
	.6 m	566-239-2	4. TCLP		mg/l			Lead	Soil	ATL
	.6 m	566-239-2	5. PH						Soil	ATL
	.9 m	566-239-3	1. TTLC	9.9	mg/kg	5	7/12/2002	Lead	Soil	ATL
7/10/2002	.9 m	566-239-3	2. STLC		mg/l			Lead	Soil	ATL
	.9 m	566-239-3	3. STLC-DI		mg/l			Lead	Soil	ATL
	.9 m	566-239-3	4. TCLP		mg/l			Lead	Soil	ATL
	.9 m	566-239-3	5. PH						Soil	ATL
7/10/2002	surface	566-240-0	1. TTLC	500	mg/kg	5	7/12/2002	Lead	Soil	ATL
	surface	566-240-0	2. STLC	46	mg/l	0.8	7/23/2002	Lead	Soil	ATL
	surface	566-240-0	3. STLC-DI	0.29	mg/l	0.2	7/22/2002	Lead	Soil	ATL
	surface	566-240-0	4. TCLP		mg/l			Lead	Soil	ATL
7/10/2002	surface	566-240-0	5. PH						Soil	ATL
	.3 m	566-240-1	1. TTLC	14	mg/kg	5	7/12/2002	Lead	Soil	ATL
	.3 m	566-240-1	2. STLC		mg/l			Lead	Soil	ATL
	.3 m	566-240-1	3. STLC-DI		mg/l			Lead	Soil	ATL
	.3 m	566-240-1	4. TCLP		mg/l			Lead	Soil	ATL
	.3 m	566-240-1	5. PH						Soil	ATL
7/10/2002	.6 m	566-240-2	1. TTLC	130	mg/kg	5	7/12/2002	Lead	Soil	ATL
7/10/2002	.6 m	566-240-2	2. STLC	15	mg/l	0.2	7/23/2002	Lead	Soil	ATL
7/10/2002	.6 m	566-240-2	3. STLC-DI	0.29	mg/l	0.2	7/22/2002	Lead	Soil	ATL
	.6 m	566-240-2	4. TCLP		mg/l			Lead	Soil	ATL
	.6 m	566-240-2	5. PH						Soil	ATL
	.9 m	566-240-3	1. TTLC		mg/kg			Lead	Soil	ATL
	.9 m	566-240-3	2. STLC		mg/l			Lead	Soil	ATL
	.9 m	566-240-3	3. STLC-DI		mg/l			Lead	Soil	ATL
	.9 m	566-240-3	4. TCLP		mg/l			Lead	Soil	ATL
	.9 m	566-240-3	5. PH						Soil	ATL
7/10/2002	surface	566-241-0	1. TTLC	700	mg/kg	5	7/12/2002	Lead	Soil	ATL
7/10/2002	surface	566-241-0	2. STLC	90	mg/l	2	7/23/2002	Lead	Soil	ATL
7/10/2002	surface	566-241-0	3. STLC-DI	0.42	mg/l	0.2	7/22/2002	Lead	Soil	ATL
	surface	566-241-0	4. TCLP		mg/l			Lead	Soil	ATL
	surface	566-241-0	5. PH						Soil	ATL

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7/10/2002	.3 m	566-241-1	1. TTLC	400	mg/kg	5	7/12/2002	Lead	Soil	ATL
7/10/2002	.3 m	566-241-1	2. STLC	48	mg/l	0.8	7/23/2002	Lead	Soil	ATL
7/10/2002	.3 m	566-241-1	3. STLC-DI	0.48	mg/l	0.2	7/22/2002	Lead	Soil	ATL
	.3 m	566-241-1	4. TCLP		mg/l			Lead	Soil	ATL
7/10/2002	.3 m	566-241-1	5. PH	7.1		0.1	7/11/2002		Soil	ATL
7/10/2002	.6 m	566-241-2	1. TTLC	180	mg/kg	5	7/12/2002	Lead	Soil	ATL
7/10/2002	.6 m	566-241-2	2. STLC	13	mg/l	0.2	7/23/2002	Lead	Soil	ATL
7/10/2002	.6 m	566-241-2	3. STLC-DI	0.21	mg/l	0.2	7/22/2002	Lead	Soil	ATL
	.6 m	566-241-2	4. TCLP		mg/l			Lead	Soil	ATL
	.6 m	566-241-2	5. PH						Soil	ATL
7/10/2002	.9 m	566-241-3	1. TTLC	41	mg/kg	5	7/12/2002	Lead	Soil	ATL
	.9 m	566-241-3	2. STLC		mg/l			Lead	Soil	ATL
	.9 m	566-241-3	3. STLC-DI		mg/l			Lead	Soil	ATL
	.9 m	566-241-3	4. TCLP		mg/l			Lead	Soil	ATL
	.9 m	566-241-3	5. PH						Soil	ATL
7/10/2002	surface	566-242-0	1. TTLC	450	mg/kg	5	7/12/2002	Lead	Soil	ATL
7/10/2002	surface	566-242-0	2. STLC	28	mg/l	0.4	7/23/2002	Lead	Soil	ATL
7/10/2002	surface	566-242-0	3. STLC-DI	0.23	mg/l	0.2	7/22/2002	Lead	Soil	ATL
	surface	566-242-0	4. TCLP		mg/l			Lead	Soil	ATL
	surface	566-242-0	5. PH						Soil	ATL
7/10/2002	.3 m	566-242-1	1. TTLC	310	mg/kg	5	7/12/2002	Lead	Soil	ATL
7/10/2002	.3 m	566-242-1	2. STLC	36	mg/l	0.8	7/23/2002	Lead	Soil	ATL
7/10/2002	.3 m	566-242-1	3. STLC-DI	0.79	mg/l	0.2	7/22/2002	Lead	Soil	ATL
	.3 m	566-242-1	4. TCLP		mg/l			Lead	Soil	ATL
	.3 m	566-242-1	5. PH						Soil	ATL
7/10/2002	.6 m	566-242-2	1. TTLC	170	mg/kg	5	7/12/2002	Lead	Soil	ATL
7/10/2002	.6 m	566-242-2	2. STLC	14	mg/l	0.2	7/23/2002	Lead	Soil	ATL
7/10/2002	.6 m	566-242-2	3. STLC-DI	ND	mg/l	0.2	7/22/2002	Lead	Soil	ATL
	.6 m	566-242-2	4. TCLP		mg/l			Lead	Soil	ATL
	.6 m	566-242-2	5. PH						Soil	ATL
	.9 m	566-242-3	1. TTLC		mg/kg			Lead	Soil	ATL
	.9 m	566-242-3	2. STLC		mg/l			Lead	Soil	ATL
	.9 m	566-242-3	3. STLC-DI		mg/l			Lead	Soil	ATL
	.9 m	566-242-3	4. TCLP		mg/l			Lead	Soil	ATL
	.9 m	566-242-3	5. PH						Soil	ATL
7/10/2002	surface	566-243-0	1. TTLC	120	mg/kg	5	7/12/2002	Lead	Soil	ATL
7/10/2002	surface	566-243-0	2. STLC	19	mg/l	0.4	7/23/2002	Lead	Soil	ATL
7/10/2002	surface	566-243-0	3. STLC-DI	ND	mg/l	0.2	7/22/2002	Lead	Soil	ATL
	surface	566-243-0	4. TCLP		mg/l			Lead	Soil	ATL
	surface	566-243-0	5. PH						Soil	ATL
7/10/2002	.3 m	566-243-1	1. TTLC	440	mg/kg	5	7/12/2002	Lead	Soil	ATL
7/10/2002	.3 m	566-243-1	2. STLC	34	mg/l	0.8	7/23/2002	Lead	Soil	ATL
7/10/2002	.3 m	566-243-1	3. STLC-DI	1.4	mg/l	0.2	7/22/2002	Lead	Soil	ATL
	.3 m	566-243-1	4. TCLP		mg/l			Lead	Soil	ATL
	.3 m	566-243-1	5. PH						Soil	ATL
7/10/2002	.6 m	566-243-2	1. TTLC	ND	mg/kg	5	7/12/2002	Lead	Soil	ATL
	.6 m	566-243-2	2. STLC		mg/l			Lead	Soil	ATL
	.6 m	566-243-2	3. STLC-DI		mg/l			Lead	Soil	ATL
	.6 m	566-243-2	4. TCLP		mg/l			Lead	Soil	ATL
	.6 m	566-243-2	5. PH						Soil	ATL
	.9 m	566-243-3	1. TTLC		mg/kg			Lead	Soil	ATL
	.9 m	566-243-3	2. STLC		mg/l			Lead	Soil	ATL
	.9 m	566-243-3	3. STLC-DI		mg/l			Lead	Soil	ATL
	.9 m	566-243-3	4. TCLP		mg/l			Lead	Soil	ATL
	.9 m	566-243-3	5. PH						Soil	ATL
7/10/2002	surface	566-244-0	1. TTLC	190	mg/kg	5	7/12/2002	Lead	Soil	ATL
7/10/2002	surface	566-244-0	2. STLC	24	mg/l	0.4	7/23/2002	Lead	Soil	ATL
7/10/2002	surface	566-244-0	3. STLC-DI	ND	mg/l	0.2	7/22/2002	Lead	Soil	ATL
	surface	566-244-0	4. TCLP		mg/l			Lead	Soil	ATL
	surface	566-244-0	5. PH						Soil	ATL
	.3 m	566-244-1	1. TTLC					Lead	Soil	ATL

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	.3 m	566-244-1	2. STLC		mg/l			Lead	Soil	ATL
	.3 m	566-244-1	3. STLC-DI		mg/l			Lead	Soil	ATL
	.3 m	566-244-1	4. TCLP		mg/l			Lead	Soil	ATL
	.3 m	566-244-1	5. PH						Soil	ATL
	.6 m	566-244-2	1. TTLC		mg/kg			Lead	Soil	ATL
	.6 m	566-244-2	2. STLC		mg/l			Lead	Soil	ATL
	.6 m	566-244-2	3. STLC-DI		mg/l			Lead	Soil	ATL
	.6 m	566-244-2	4. TCLP		mg/l			Lead	Soil	ATL
	.6 m	566-244-2	5. PH						Soil	ATL
	.9 m	566-244-3	1. TTLC		mg/kg			Lead	Soil	ATL
	.9 m	566-244-3	2. STLC		mg/l			Lead	Soil	ATL
	.9 m	566-244-3	3. STLC-DI		mg/l			Lead	Soil	ATL
	.9 m	566-244-3	4. TCLP		mg/l			Lead	Soil	ATL
	.9 m	566-244-3	5. PH						Soil	ATL
7/10/2002	surface	566-245-0	1. TTLC	1000	mg/kg	5	7/12/2002	Lead	Soil	ATL
	surface	566-245-0	2. STLC		mg/l			Lead	Soil	ATL
	surface	566-245-0	3. STLC-DI		mg/l			Lead	Soil	ATL
7/10/2002	surface	566-245-0	4. TCLP	3.1	mg/l	0.2	7/24/2002	Lead	Soil	ATL
7/10/2002	surface	566-245-0	5. PH	7.13		0.1	7/11/2002		Soil	ATL
7/10/2002	.3 m	566-245-1	1. TTLC	810	mg/kg	5	7/12/2002	Lead	Soil	ATL
7/10/2002	.3 m	566-245-1	2. STLC	100	mg/l	2	7/23/2002	Lead	Soil	ATL
7/10/2002	.3 m	566-245-1	3. STLC-DI	3.6	mg/l	0.2	7/22/2002	Lead	Soil	ATL
	.3 m	566-245-1	4. TCLP		mg/l			Lead	Soil	ATL
	.3 m	566-245-1	5. PH						Soil	ATL
	.6 m	566-245-2	1. TTLC		mg/kg			Lead	Soil	ATL
	.6 m	566-245-2	2. STLC		mg/l			Lead	Soil	ATL
	.6 m	566-245-2	3. STLC-DI		mg/l			Lead	Soil	ATL
	.6 m	566-245-2	4. TCLP		mg/l			Lead	Soil	ATL
	.6 m	566-245-2	5. PH						Soil	ATL
	.9 m	566-245-3	1. TTLC		mg/kg			Lead	Soil	ATL
	.9 m	566-245-3	2. STLC		mg/l			Lead	Soil	ATL
	.9 m	566-245-3	3. STLC-DI		mg/l			Lead	Soil	ATL
	.9 m	566-245-3	4. TCLP		mg/l			Lead	Soil	ATL
	.9 m	566-245-3	5. PH						Soil	ATL
7/10/2002	surface	566-246-0	1. TTLC	430	mg/kg	5	7/12/2002	Lead	Soil	ATL
7/10/2002	surface	566-246-0	2. STLC	47	mg/l	0.5	7/23/2002	Lead	Soil	ATL
7/10/2002	surface	566-246-0	3. STLC-DI	0.36	mg/l	0.2	7/22/2002	Lead	Soil	ATL
	surface	566-246-0	4. TCLP		mg/l			Lead	Soil	ATL
	surface	566-246-0	5. PH						Soil	ATL
7/10/2002	.3 m	566-246-1	1. TTLC	40	mg/kg	5	7/12/2002	Lead	Soil	ATL
	.3 m	566-246-1	2. STLC		mg/l			Lead	Soil	ATL
	.3 m	566-246-1	3. STLC-DI		mg/l			Lead	Soil	ATL
	.3 m	566-246-1	4. TCLP		mg/l			Lead	Soil	ATL
	.3 m	566-246-1	5. PH						Soil	ATL
	.6 m	566-246-2	1. TTLC		mg/kg			Lead	Soil	ATL
	.6 m	566-246-2	2. STLC		mg/l			Lead	Soil	ATL
	.6 m	566-246-2	3. STLC-DI		mg/l			Lead	Soil	ATL
	.6 m	566-246-2	4. TCLP		mg/l			Lead	Soil	ATL
	.6 m	566-246-2	5. PH						Soil	ATL
	.9 m	566-246-3	1. TTLC		mg/kg			Lead	Soil	ATL
	.9 m	566-246-3	2. STLC		mg/l			Lead	Soil	ATL
	.9 m	566-246-3	3. STLC-DI		mg/l			Lead	Soil	ATL
	.9 m	566-246-3	4. TCLP		mg/l			Lead	Soil	ATL
	.9 m	566-246-3	5. PH						Soil	ATL
7/10/2002	surface	566-247-0	1. TTLC	180	mg/kg	5	7/12/2002	Lead	Soil	ATL
7/10/2002	surface	566-247-0	2. STLC	20	mg/l	0.4	7/23/2002	Lead	Soil	ATL
7/10/2002	surface	566-247-0	3. STLC-DI	ND	mg/l	0.2	7/22/2002	Lead	Soil	ATL
	surface	566-247-0	4. TCLP		mg/l			Lead	Soil	ATL
	surface	566-247-0	5. PH						Soil	ATL
7/10/2002	.3 m	566-247-1	1. TTLC	280	mg/kg	5	7/12/2002	Lead	Soil	ATL
7/10/2002	.3 m	566-247-1	2. STLC	27	mg/l	0.4	7/23/2002	Lead	Soil	ATL

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7/10/2002	.3 m	566-247-1	3. STLC-DI	1.5	mg/l	0.2	7/22/2002	Lead	Soil	ATL
	.3 m	566-247-1	4. TCLP		mg/l			Lead	Soil	ATL
	.3 m	566-247-1	5. PH						Soil	ATL
7/10/2002	.6 m	566-247-2	1. TTLC	140	mg/kg	5	7/12/2002	Lead	Soil	ATL
7/10/2002	.6 m	566-247-2	2. STLC	12	mg/l	0.2	7/23/2002	Lead	Soil	ATL
7/10/2002	.6 m	566-247-2	3. STLC-DI	ND	mg/l	0.2	7/22/2002	Lead	Soil	ATL
	.6 m	566-247-2	4. TCLP		mg/l			Lead	Soil	ATL
	.6 m	566-247-2	5. PH						Soil	ATL
7/10/2002	.9 m	566-247-3	1. TTLC	11	mg/kg	5	7/12/2002	Lead	Soil	ATL
	.9 m	566-247-3	2. STLC		mg/l			Lead	Soil	ATL
	.9 m	566-247-3	3. STLC-DI		mg/l			Lead	Soil	ATL
	.9 m	566-247-3	4. TCLP		mg/l			Lead	Soil	ATL
	.9 m	566-247-3	5. PH						Soil	ATL
7/10/2002	surface	566-248-0	1. TTLC	540	mg/kg	5	7/12/2002	Lead	Soil	ATL
7/10/2002	surface	566-248-0	2. STLC	67	mg/l	1	7/23/2002	Lead	Soil	ATL
7/10/2002	surface	566-248-0	3. STLC-DI	0.37	mg/l	0.2	7/22/2002	Lead	Soil	ATL
	surface	566-248-0	4. TCLP		mg/l			Lead	Soil	ATL
	surface	566-248-0	5. PH						Soil	ATL
7/10/2002	.3 m	566-248-1	1. TTLC	580	mg/kg	5	7/12/2002	Lead	Soil	ATL
7/10/2002	.3 m	566-248-1	2. STLC	63	mg/l	1	7/23/2002	Lead	Soil	ATL
7/10/2002	.3 m	566-248-1	3. STLC-DI	1.4	mg/l	0.2	7/22/2002	Lead	Soil	ATL
	.3 m	566-248-1	4. TCLP		mg/l			Lead	Soil	ATL
	.3 m	566-248-1	5. PH						Soil	ATL
7/10/2002	.6 m	566-248-2	1. TTLC	100	mg/kg	5	7/12/2002	Lead	Soil	ATL
7/10/2002	.6 m	566-248-2	2. STLC	7.5	mg/l	0.2	7/23/2002	Lead	Soil	ATL
7/10/2002	.6 m	566-248-2	3. STLC-DI	ND	mg/l	0.2	7/22/2002	Lead	Soil	ATL
	.6 m	566-248-2	4. TCLP		mg/l			Lead	Soil	ATL
7/10/2002	.6 m	566-248-2	5. PH	6.32		0.1	7/11/2002		Soil	ATL
	.9 m	566-248-3	1. TTLC		mg/kg			Lead	Soil	ATL
	.9 m	566-248-3	2. STLC		mg/l			Lead	Soil	ATL
	.9 m	566-248-3	3. STLC-DI		mg/l			Lead	Soil	ATL
	.9 m	566-248-3	4. TCLP		mg/l			Lead	Soil	ATL
	.9 m	566-248-3	5. PH						Soil	ATL
7/10/2002	surface	566-249-0	1. TTLC	190	mg/kg	5	7/12/2002	Lead	Soil	ATL
7/10/2002	surface	566-249-0	2. STLC	14	mg/l	0.2	7/23/2002	Lead	Soil	ATL
7/10/2002	surface	566-249-0	3. STLC-DI	ND	mg/l	0.2	7/22/2002	Lead	Soil	ATL
	surface	566-249-0	4. TCLP		mg/l			Lead	Soil	ATL
	surface	566-249-0	5. PH						Soil	ATL
7/10/2002	.3 m	566-249-1	1. TTLC	260	mg/kg	5	7/12/2002	Lead	Soil	ATL
7/10/2002	.3 m	566-249-1	2. STLC	140	mg/l	2	7/23/2002	Lead	Soil	ATL
7/10/2002	.3 m	566-249-1	3. STLC-DI	7.3	mg/l	0.2	7/22/2002	Lead	Soil	ATL
	.3 m	566-249-1	4. TCLP		mg/l			Lead	Soil	ATL
	.3 m	566-249-1	5. PH						Soil	ATL
	.6 m	566-249-2	1. TTLC		mg/kg			Lead	Soil	ATL
	.6 m	566-249-2	2. STLC		mg/l			Lead	Soil	ATL
	.6 m	566-249-2	3. STLC-DI		mg/l			Lead	Soil	ATL
	.6 m	566-249-2	4. TCLP		mg/l			Lead	Soil	ATL
	.6 m	566-249-2	5. PH						Soil	ATL
	.9 m	566-249-3	1. TTLC		mg/kg			Lead	Soil	ATL
	.9 m	566-249-3	2. STLC		mg/l			Lead	Soil	ATL
	.9 m	566-249-3	3. STLC-DI		mg/l			Lead	Soil	ATL
	.9 m	566-249-3	4. TCLP		mg/l			Lead	Soil	ATL
	.9 m	566-249-3	5. PH						Soil	ATL
7/10/2002	surface	566-250-0	1. TTLC	1400	mg/kg	5	7/12/2002	Lead	Soil	ATL
	surface	566-250-0	2. STLC		mg/l			Lead	Soil	ATL
	surface	566-250-0	3. STLC-DI		mg/l			Lead	Soil	ATL
7/10/2002	surface	566-250-0	4. TCLP	3.8	mg/l	0.2	7/24/2002	Lead	Soil	ATL
	surface	566-250-0	5. PH						Soil	ATL
7/10/2002	.3 m	566-250-1	1. TTLC	99	mg/kg	5	7/12/2002	Lead	Soil	ATL
7/10/2002	.3 m	566-250-1	2. STLC	2.4	mg/l	0.2	7/23/2002	Lead	Soil	ATL
	.3 m	566-250-1	3. STLC-DI					Lead	Soil	ATL

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	.3 m	566-250-1	4. TCLP		mg/l			Lead	Soil	ATL
	.3 m	566-250-1	5. PH						Soil	ATL
	.6 m	566-250-2	1. TTLC		mg/kg			Lead	Soil	ATL
	.6 m	566-250-2	2. STLC		mg/l			Lead	Soil	ATL
	.6 m	566-250-2	3. STLC-DI		mg/l			Lead	Soil	ATL
	.6 m	566-250-2	4. TCLP		mg/l			Lead	Soil	ATL
	.6 m	566-250-2	5. PH						Soil	ATL
	.9 m	566-250-3	1. TTLC		mg/kg			Lead	Soil	ATL
	.9 m	566-250-3	2. STLC		mg/l			Lead	Soil	ATL
	.9 m	566-250-3	3. STLC-DI		mg/l			Lead	Soil	ATL
	.9 m	566-250-3	4. TCLP		mg/l			Lead	Soil	ATL
	.9 m	566-250-3	5. PH						Soil	ATL
7/10/2002	surface	566-251-0	1. TTLC	380	mg/kg	5	7/12/2002	Lead	Soil	ATL
7/10/2002	surface	566-251-0	2. STLC	46	mg/l	0.8	7/23/2002	Lead	Soil	ATL
7/10/2002	surface	566-251-0	3. STLC-DI	1.1	mg/l	0.2	7/22/2002	Lead	Soil	ATL
	surface	566-251-0	4. TCLP		mg/l			Lead	Soil	ATL
	surface	566-251-0	5. PH						Soil	ATL
7/10/2002	.3 m	566-251-1	1. TTLC	220	mg/kg	5	7/12/2002	Lead	Soil	ATL
7/10/2002	.3 m	566-251-1	2. STLC	24	mg/l	0.4	7/23/2002	Lead	Soil	ATL
7/10/2002	.3 m	566-251-1	3. STLC-DI	0.28	mg/l	0.2	7/22/2002	Lead	Soil	ATL
	.3 m	566-251-1	4. TCLP		mg/l			Lead	Soil	ATL
	.3 m	566-251-1	5. PH						Soil	ATL
7/10/2002	.6 m	566-251-2	1. TTLC	20	mg/kg	5	7/12/2002	Lead	Soil	ATL
	.6 m	566-251-2	2. STLC		mg/l			Lead	Soil	ATL
	.6 m	566-251-2	3. STLC-DI		mg/l			Lead	Soil	ATL
	.6 m	566-251-2	4. TCLP		mg/l			Lead	Soil	ATL
	.6 m	566-251-2	5. PH						Soil	ATL
	.9 m	566-251-3	1. TTLC		mg/kg			Lead	Soil	ATL
	.9 m	566-251-3	2. STLC		mg/l			Lead	Soil	ATL
	.9 m	566-251-3	3. STLC-DI		mg/l			Lead	Soil	ATL
	.9 m	566-251-3	4. TCLP		mg/l			Lead	Soil	ATL
	.9 m	566-251-3	5. PH						Soil	ATL
7/10/2002	surface	566-252-0	1. TTLC	360	mg/kg	5	7/12/2002	Lead	Soil	ATL
7/10/2002	surface	566-252-0	2. STLC	26	mg/l	0.8	7/23/2002	Lead	Soil	ATL
7/10/2002	surface	566-252-0	3. STLC-DI	ND	mg/l	0.2	7/22/2002	Lead	Soil	ATL
	surface	566-252-0	4. TCLP		mg/l			Lead	Soil	ATL
	surface	566-252-0	5. PH						Soil	ATL
	.3 m	566-252-1	1. TTLC	1300	mg/kg	5	7/12/2002	Lead	Soil	ATL
	.3 m	566-252-1	2. STLC		mg/l			Lead	Soil	ATL
	.3 m	566-252-1	3. STLC-DI		mg/l			Lead	Soil	ATL
7/10/2002	.3 m	566-252-1	4. TCLP	8	mg/l	0.2	7/24/2002	Lead	Soil	ATL
	.3 m	566-252-1	5. PH						Soil	ATL
7/10/2002	.6 m	566-252-2	1. TTLC	360	mg/kg	5	7/12/2002	Lead	Soil	ATL
7/10/2002	.6 m	566-252-2	2. STLC	37	mg/l	0.8	7/23/2002	Lead	Soil	ATL
7/10/2002	.6 m	566-252-2	3. STLC-DI	3.4	mg/l	0.2	7/22/2002	Lead	Soil	ATL
	.6 m	566-252-2	4. TCLP		mg/l			Lead	Soil	ATL
7/10/2002	.6 m	566-252-2	5. PH	7.83		0.1	7/11/2002		Soil	ATL
7/10/2002	.9 m	566-252-3	1. TTLC	520	mg/kg	5	7/12/2002	Lead	Soil	ATL
7/10/2002	.9 m	566-252-3	2. STLC	35	mg/l	0.8	7/23/2002	Lead	Soil	ATL
7/10/2002	.9 m	566-252-3	3. STLC-DI	1.9	mg/l	0.2	7/22/2002	Lead	Soil	ATL
	.9 m	566-252-3	4. TCLP		mg/l			Lead	Soil	ATL
	.9 m	566-252-3	5. PH						Soil	ATL
7/10/2002	surface	566-253-0	1. TTLC	380	mg/kg	5	7/12/2002	Lead	Soil	ATL
7/10/2002	surface	566-253-0	2. STLC	46	mg/l	0.8	7/23/2002	Lead	Soil	ATL
7/10/2002	surface	566-253-0	3. STLC-DI	0.44	mg/l	0.2	7/22/2002	Lead	Soil	ATL
	surface	566-253-0	4. TCLP		mg/l			Lead	Soil	ATL
	surface	566-253-0	5. PH						Soil	ATL
7/10/2002	.3 m	566-253-1	1. TTLC	340	mg/kg	5	7/12/2002	Lead	Soil	ATL
7/10/2002	.3 m	566-253-1	2. STLC	43	mg/l	0.8	7/23/2002	Lead	Soil	ATL
7/10/2002	.3 m	566-253-1	3. STLC-DI	ND	mg/l	0.2	7/22/2002	Lead	Soil	ATL
	.3 m	566-253-1	4. TCLP					Lead	Soil	ATL

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	.3 m	566-253-1	5. PH						Soil	ATL	
	.6 m	566-253-2	1. TTLC		mg/kg				Lead	Soil	ATL
	.6 m	566-253-2	2. STLC		mg/l				Lead	Soil	ATL
	.6 m	566-253-2	3. STLC-DI		mg/l				Lead	Soil	ATL
	.6 m	566-253-2	4. TCLP		mg/l				Lead	Soil	ATL
	.6 m	566-253-2	5. PH						Lead	Soil	ATL
	.9 m	566-253-3	1. TTLC		mg/kg				Lead	Soil	ATL
	.9 m	566-253-3	2. STLC		mg/l				Lead	Soil	ATL
	.9 m	566-253-3	3. STLC-DI		mg/l				Lead	Soil	ATL
	.9 m	566-253-3	4. TCLP		mg/l				Lead	Soil	ATL
	.9 m	566-253-3	5. PH						Lead	Soil	ATL
7/10/2002	surface	566-254-0	1. TTLC	900	mg/kg	5		7/12/2002	Lead	Soil	ATL
7/10/2002	surface	566-254-0	2. STLC	87	mg/l	2		7/23/2002	Lead	Soil	ATL
7/10/2002	surface	566-254-0	3. STLC-DI	0.28	mg/l	0.2		7/22/2002	Lead	Soil	ATL
	surface	566-254-0	4. TCLP		mg/l				Lead	Soil	ATL
	surface	566-254-0	5. PH						Lead	Soil	ATL
7/10/2002	.3 m	566-254-1	1. TTLC	430	mg/kg	5		7/12/2002	Lead	Soil	ATL
7/10/2002	.3 m	566-254-1	2. STLC	46	mg/l	0.8		7/23/2002	Lead	Soil	ATL
7/10/2002	.3 m	566-254-1	3. STLC-DI	0.61	mg/l	0.2		7/22/2002	Lead	Soil	ATL
	.3 m	566-254-1	4. TCLP		mg/l				Lead	Soil	ATL
	.3 m	566-254-1	5. PH						Lead	Soil	ATL
7/10/2002	.6 m	566-254-2	1. TTLC	42	mg/kg	5		7/12/2002	Lead	Soil	ATL
	.6 m	566-254-2	2. STLC		mg/l				Lead	Soil	ATL
	.6 m	566-254-2	3. STLC-DI		mg/l				Lead	Soil	ATL
	.6 m	566-254-2	4. TCLP		mg/l				Lead	Soil	ATL
	.6 m	566-254-2	5. PH						Lead	Soil	ATL
	.9 m	566-254-3	1. TTLC		mg/kg				Lead	Soil	ATL
	.9 m	566-254-3	2. STLC		mg/l				Lead	Soil	ATL
	.9 m	566-254-3	3. STLC-DI		mg/l				Lead	Soil	ATL
	.9 m	566-254-3	4. TCLP		mg/l				Lead	Soil	ATL
	.9 m	566-254-3	5. PH						Lead	Soil	ATL
7/10/2002	surface	566-255-0	1. TTLC	1600	mg/kg	5		7/12/2002	Lead	Soil	ATL
	surface	566-255-0	2. STLC		mg/l				Lead	Soil	ATL
	surface	566-255-0	3. STLC-DI		mg/l				Lead	Soil	ATL
7/10/2002	surface	566-255-0	4. TCLP	1.3	mg/l	0.2		7/24/2002	Lead	Soil	ATL
	surface	566-255-0	5. PH						Lead	Soil	ATL
7/10/2002	.3 m	566-255-1	1. TTLC	910	mg/kg	5		7/12/2002	Lead	Soil	ATL
7/10/2002	.3 m	566-255-1	2. STLC	89	mg/l	2		7/23/2002	Lead	Soil	ATL
7/10/2002	.3 m	566-255-1	3. STLC-DI	0.91	mg/l	0.2		7/22/2002	Lead	Soil	ATL
	.3 m	566-255-1	4. TCLP		mg/l				Lead	Soil	ATL
	.3 m	566-255-1	5. PH						Lead	Soil	ATL
7/10/2002	.6 m	566-255-2	1. TTLC	440	mg/kg	5		7/12/2002	Lead	Soil	ATL
7/10/2002	.6 m	566-255-2	2. STLC	37	mg/l	0.8		7/23/2002	Lead	Soil	ATL
7/10/2002	.6 m	566-255-2	3. STLC-DI	0.38	mg/l	0.2		7/22/2002	Lead	Soil	ATL
	.6 m	566-255-2	4. TCLP		mg/l				Lead	Soil	ATL
	.6 m	566-255-2	5. PH						Lead	Soil	ATL
	.9 m	566-255-3	1. TTLC		mg/kg				Lead	Soil	ATL
	.9 m	566-255-3	2. STLC		mg/l				Lead	Soil	ATL
	.9 m	566-255-3	3. STLC-DI		mg/l				Lead	Soil	ATL
	.9 m	566-255-3	4. TCLP		mg/l				Lead	Soil	ATL
	.9 m	566-255-3	5. PH						Lead	Soil	ATL
7/10/2002	surface	566-256-0	1. TTLC	1600	mg/kg	5		7/12/2002	Lead	Soil	ATL
	surface	566-256-0	2. STLC		mg/l				Lead	Soil	ATL
	surface	566-256-0	3. STLC-DI		mg/l				Lead	Soil	ATL
7/10/2002	surface	566-256-0	4. TCLP	5.2	mg/l	0.2		7/24/2002	Lead	Soil	ATL
7/10/2002	surface	566-256-0	5. PH	7.64		0.1		7/11/2002	Lead	Soil	ATL
7/10/2002	.3 m	566-256-1	1. TTLC	10	mg/kg	5		7/12/2002	Lead	Soil	ATL
	.3 m	566-256-1	2. STLC		mg/l				Lead	Soil	ATL
	.3 m	566-256-1	3. STLC-DI		mg/l				Lead	Soil	ATL
	.3 m	566-256-1	4. TCLP		mg/l				Lead	Soil	ATL
	.3 m	566-256-1	5. PH						Lead	Soil	ATL

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7/10/2002	.6 m	566-256-2	1. TTLC	41	mg/kg	5	7/12/2002	Lead	Soil	ATL
	.6 m	566-256-2	2. STLC		mg/l			Lead	Soil	ATL
	.6 m	566-256-2	3. STLC-DI		mg/l			Lead	Soil	ATL
	.6 m	566-256-2	4. TCLP		mg/l			Lead	Soil	ATL
	.6 m	566-256-2	5. PH						Soil	ATL
7/10/2002	.9 m	566-256-3	1. TTLC	220	mg/kg	5	7/12/2002	Lead	Soil	ATL
7/10/2002	.9 m	566-256-3	2. STLC	13	mg/l	0.2	7/23/2002	Lead	Soil	ATL
7/10/2002	.9 m	566-256-3	3. STLC-DI	0.36	mg/l	0.2	7/22/2002	Lead	Soil	ATL
	.9 m	566-256-3	4. TCLP		mg/l			Lead	Soil	ATL
	.9 m	566-256-3	5. PH						Soil	ATL
7/10/2002	surface	566-257-0	1. TTLC	310	mg/kg	5	7/12/2002	Lead	Soil	ATL
7/10/2002	surface	566-257-0	2. STLC	44	mg/l	0.8	7/23/2002	Lead	Soil	ATL
7/10/2002	surface	566-257-0	3. STLC-DI	0.87	mg/l	0.2	7/22/2002	Lead	Soil	ATL
	surface	566-257-0	4. TCLP		mg/l			Lead	Soil	ATL
	surface	566-257-0	5. PH						Soil	ATL
	.3 m	566-257-1	1. TTLC		mg/kg			Lead	Soil	ATL
	.3 m	566-257-1	2. STLC		mg/l			Lead	Soil	ATL
	.3 m	566-257-1	3. STLC-DI		mg/l			Lead	Soil	ATL
	.3 m	566-257-1	4. TCLP		mg/l			Lead	Soil	ATL
	.3 m	566-257-1	5. PH						Soil	ATL
	.6 m	566-257-2	1. TTLC		mg/kg			Lead	Soil	ATL
	.6 m	566-257-2	2. STLC		mg/l			Lead	Soil	ATL
	.6 m	566-257-2	3. STLC-DI		mg/l			Lead	Soil	ATL
	.6 m	566-257-2	4. TCLP		mg/l			Lead	Soil	ATL
	.6 m	566-257-2	5. PH						Soil	ATL
	.9 m	566-257-3	1. TTLC		mg/kg			Lead	Soil	ATL
	.9 m	566-257-3	2. STLC		mg/l			Lead	Soil	ATL
	.9 m	566-257-3	3. STLC-DI		mg/l			Lead	Soil	ATL
	.9 m	566-257-3	4. TCLP		mg/l			Lead	Soil	ATL
	.9 m	566-257-3	5. PH						Soil	ATL
7/11/2002	surface	566-258-0	1. TTLC	780	mg/kg	5	7/15/2002	Lead	Soil	ATL
7/11/2002	surface	566-258-0	2. STLC	52	mg/l	0.8	7/23/2002	Lead	Soil	ATL
7/11/2002	surface	566-258-0	3. STLC-DI	0.44	mg/l	0.2	7/23/2002	Lead	Soil	ATL
	surface	566-258-0	4. TCLP		mg/l			Lead	Soil	ATL
7/11/2002	surface	566-258-0	5. PH	6.23		0.1	7/17/2002		Soil	ATL
7/11/2002	.3 m	566-258-1	1. TTLC	3800	mg/kg	5	7/15/2002	Lead	Soil	ATL
	.3 m	566-258-1	2. STLC		mg/l			Lead	Soil	ATL
	.3 m	566-258-1	3. STLC-DI		mg/l			Lead	Soil	ATL
7/11/2002	.3 m	566-258-1	4. TCLP	9.7	mg/l	0.2	7/25/2002	Lead	Soil	ATL
	.3 m	566-258-1	5. PH						Soil	ATL
7/11/2002	.6 m	566-258-2	1. TTLC	2000	mg/kg	5	7/15/2002	Lead	Soil	ATL
	.6 m	566-258-2	2. STLC		mg/l			Lead	Soil	ATL
	.6 m	566-258-2	3. STLC-DI		mg/l			Lead	Soil	ATL
7/11/2002	.6 m	566-258-2	4. TCLP	2.1	mg/l	0.2	7/25/2002	Lead	Soil	ATL
	.6 m	566-258-2	5. PH						Soil	ATL
	.9 m	566-258-3	1. TTLC		mg/kg			Lead	Soil	ATL
	.9 m	566-258-3	2. STLC		mg/l			Lead	Soil	ATL
	.9 m	566-258-3	3. STLC-DI		mg/l			Lead	Soil	ATL
	.9 m	566-258-3	4. TCLP		mg/l			Lead	Soil	ATL
	.9 m	566-258-3	5. PH						Soil	ATL
7/11/2002	surface	566-259-0	1. TTLC	350	mg/kg	5	7/11/2002	Lead	Soil	ATL
7/11/2002	surface	566-259-0	2. STLC	36	mg/l	0.8	7/23/2002	Lead	Soil	ATL
7/11/2002	surface	566-259-0	3. STLC-DI	ND	mg/l	0.2	7/23/2002	Lead	Soil	ATL
	surface	566-259-0	4. TCLP		mg/l			Lead	Soil	ATL
	surface	566-259-0	5. PH						Soil	ATL
7/11/2002	.3 m	566-259-1	1. TTLC	1700	mg/kg	5	7/15/2002	Lead	Soil	ATL
	.3 m	566-259-1	2. STLC		mg/l			Lead	Soil	ATL
	.3 m	566-259-1	3. STLC-DI		mg/l			Lead	Soil	ATL
7/11/2002	.3 m	566-259-1	4. TCLP	4.3	mg/l	0.2	7/25/2002	Lead	Soil	ATL
	.3 m	566-259-1	5. PH						Soil	ATL
7/11/2002	.6 m	566-259-2	1. TTLC	1100	mg/kg	5	7/15/2002	Lead	Soil	ATL

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	.6 m	566-259-2	2. STLC		mg/l				Lead	Soil	ATL
	.6 m	566-259-2	3. STLC-DI		mg/l				Lead	Soil	ATL
7/11/2002	.6 m	566-259-2	4. TCLP	8.8	mg/l	0.2	7/25/2002		Lead	Soil	ATL
	.6 m	566-259-2	5. PH							Soil	ATL
	.9 m	566-259-3	1. TTLC		mg/kg				Lead	Soil	ATL
	.9 m	566-259-3	2. STLC		mg/l				Lead	Soil	ATL
	.9 m	566-259-3	3. STLC-DI		mg/l				Lead	Soil	ATL
	.9 m	566-259-3	4. TCLP		mg/l				Lead	Soil	ATL
	.9 m	566-259-3	5. PH							Soil	ATL
7/11/2002	surface	566-260-0	1. TTLC	1900	mg/kg	5	7/15/2002		Lead	Soil	ATL
	surface	566-260-0	2. STLC		mg/l				Lead	Soil	ATL
	surface	566-260-0	3. STLC-DI		mg/l				Lead	Soil	ATL
7/11/2002	surface	566-260-0	4. TCLP	1.8	mg/l	0.2	7/25/2002		Lead	Soil	ATL
	surface	566-260-0	5. PH							Soil	ATL
7/11/2002	.3 m	566-260-1	1. TTLC	23	mg/kg	5	7/15/2002		Lead	Soil	ATL
	.3 m	566-260-1	2. STLC		mg/l				Lead	Soil	ATL
	.3 m	566-260-1	3. STLC-DI		mg/l				Lead	Soil	ATL
	.3 m	566-260-1	4. TCLP		mg/l				Lead	Soil	ATL
	.3 m	566-260-1	5. PH							Soil	ATL
7/11/2002	.6 m	566-260-2	1. TTLC	680	mg/kg	5	7/15/2002		Lead	Soil	ATL
7/11/2002	.6 m	566-260-2	2. STLC	39	mg/l	0.8	7/23/2002		Lead	Soil	ATL
7/11/2002	.6 m	566-260-2	3. STLC-DI	0.82	mg/l	0.2	7/23/2002		Lead	Soil	ATL
	.6 m	566-260-2	4. TCLP		mg/l				Lead	Soil	ATL
	.6 m	566-260-2	5. PH							Soil	ATL
7/11/2002	.9 m	566-260-3	1. TTLC	ND	mg/kg	5	7/15/2002		Lead	Soil	ATL
	.9 m	566-260-3	2. STLC		mg/l				Lead	Soil	ATL
	.9 m	566-260-3	3. STLC-DI		mg/l				Lead	Soil	ATL
	.9 m	566-260-3	4. TCLP		mg/l				Lead	Soil	ATL
	.9 m	566-260-3	5. PH	8.31		0.1	7/17/2002			Soil	ATL
7/11/2002	surface	566-261-0	1. TTLC	390	mg/kg	5	7/15/2002		Lead	Soil	ATL
7/11/2002	surface	566-261-0	2. STLC	7.8	mg/l	0.2	7/23/2002		Lead	Soil	ATL
7/11/2002	surface	566-261-0	3. STLC-DI	ND	mg/l	0.2	7/23/2002		Lead	Soil	ATL
	surface	566-261-0	4. TCLP		mg/l				Lead	Soil	ATL
	surface	566-261-0	5. PH							Soil	ATL
7/11/2002	.3 m	566-261-1	1. TTLC	1300	mg/kg	5	7/15/2002		Lead	Soil	ATL
	.3 m	566-261-1	2. STLC		mg/l				Lead	Soil	ATL
	.3 m	566-261-1	3. STLC-DI		mg/l				Lead	Soil	ATL
7/11/2002	.3 m	566-261-1	4. TCLP	1.6	mg/l	0.2	7/25/2002		Lead	Soil	ATL
	.3 m	566-261-1	5. PH							Soil	ATL
7/11/2002	.6 m	566-261-2	1. TTLC	42	mg/kg	5	7/15/2002		Lead	Soil	ATL
	.6 m	566-261-2	2. STLC		mg/l				Lead	Soil	ATL
	.6 m	566-261-2	3. STLC-DI		mg/l				Lead	Soil	ATL
	.6 m	566-261-2	4. TCLP		mg/l				Lead	Soil	ATL
	.6 m	566-261-2	5. PH							Soil	ATL
7/11/2002	.9 m	566-261-3	1. TTLC	44	mg/kg	5	7/15/2002		Lead	Soil	ATL
	.9 m	566-261-3	2. STLC		mg/l				Lead	Soil	ATL
	.9 m	566-261-3	3. STLC-DI		mg/l				Lead	Soil	ATL
	.9 m	566-261-3	4. TCLP		mg/l				Lead	Soil	ATL
	.9 m	566-261-3	5. PH							Soil	ATL
7/11/2002	surface	566-262-0	1. TTLC	1500	mg/kg	5	7/15/2002		Lead	Soil	ATL
	surface	566-262-0	2. STLC		mg/l				Lead	Soil	ATL
	surface	566-262-0	3. STLC-DI		mg/l				Lead	Soil	ATL
7/11/2002	surface	566-262-0	4. TCLP	1.8	mg/l	0.2	7/25/2002		Lead	Soil	ATL
	surface	566-262-0	5. PH							Soil	ATL
7/11/2002	.3 m	566-262-1	1. TTLC	890	mg/kg	5	7/15/2002		Lead	Soil	ATL
7/11/2002	.3 m	566-262-1	2. STLC	44	mg/l	0.8	7/23/2002		Lead	Soil	ATL
7/11/2002	.3 m	566-262-1	3. STLC-DI	2.1	mg/l	0.2	7/23/2002		Lead	Soil	ATL
	.3 m	566-262-1	4. TCLP		mg/l				Lead	Soil	ATL
	.3 m	566-262-1	5. PH							Soil	ATL
	.6 m	566-262-2	1. TTLC		mg/kg				Lead	Soil	ATL
	.6 m	566-262-2	2. STLC		mg/l				Lead	Soil	ATL

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	.6 m	566-262-2	3. STLC-DI		mg/l			Lead	Soil	ATL
	.6 m	566-262-2	4. TCLP		mg/l			Lead	Soil	ATL
	.6 m	566-262-2	5. PH						Soil	ATL
	.9 m	566-262-3	1. TTLC		mg/kg			Lead	Soil	ATL
	.9 m	566-262-3	2. STLC		mg/l			Lead	Soil	ATL
	.9 m	566-262-3	3. STLC-DI		mg/l			Lead	Soil	ATL
	.9 m	566-262-3	4. TCLP		mg/l			Lead	Soil	ATL
	.9 m	566-262-3	5. PH						Soil	ATL
7/11/2002	surface	566-263-0	1. TTLC	1900	mg/kg	5	7/15/2002	Lead	Soil	ATL
	surface	566-263-0	2. STLC		mg/l			Lead	Soil	ATL
	surface	566-263-0	3. STLC-DI		mg/l			Lead	Soil	ATL
7/11/2002	surface	566-263-0	4. TCLP	3	mg/l	0.2	7/25/2002	Lead	Soil	ATL
	surface	566-263-0	5. PH						Soil	ATL
7/11/2002	.3 m	566-263-1	1. TTLC	46	mg/kg	5	7/15/2002	Lead	Soil	ATL
	.3 m	566-263-1	2. STLC		mg/l			Lead	Soil	ATL
	.3 m	566-263-1	3. STLC-DI		mg/l			Lead	Soil	ATL
	.3 m	566-263-1	4. TCLP		mg/l			Lead	Soil	ATL
	.3 m	566-263-1	5. PH						Soil	ATL
7/11/2002	.6 m	566-263-2	1. TTLC	46	mg/kg	5	7/15/2002	Lead	Soil	ATL
	.6 m	566-263-2	2. STLC		mg/l			Lead	Soil	ATL
	.6 m	566-263-2	3. STLC-DI		mg/l			Lead	Soil	ATL
	.6 m	566-263-2	4. TCLP		mg/l			Lead	Soil	ATL
	.6 m	566-263-2	5. PH						Soil	ATL
7/11/2002	.9 m	566-263-3	1. TTLC	9.4	mg/kg	5	7/15/2002	Lead	Soil	ATL
	.9 m	566-263-3	2. STLC		mg/l			Lead	Soil	ATL
	.9 m	566-263-3	3. STLC-DI		mg/l			Lead	Soil	ATL
	.9 m	566-263-3	4. TCLP		mg/l			Lead	Soil	ATL
7/11/2002	.9 m	566-263-3	5. PH	7.22		0.1	7/17/2002		Soil	ATL
7/11/2002	surface	566-264-0	1. TTLC	1100	mg/kg	5	7/15/2002	Lead	Soil	ATL
	surface	566-264-0	2. STLC		mg/l			Lead	Soil	ATL
	surface	566-264-0	3. STLC-DI		mg/l			Lead	Soil	ATL
7/11/2002	surface	566-264-0	4. TCLP	2.8	mg/l	0.2	7/25/2002	Lead	Soil	ATL
	surface	566-264-0	5. PH						Soil	ATL
7/11/2002	.3 m	566-264-1	1. TTLC	1300	mg/kg	5	7/15/2002	Lead	Soil	ATL
	.3 m	566-264-1	2. STLC		mg/l			Lead	Soil	ATL
	.3 m	566-264-1	3. STLC-DI		mg/l			Lead	Soil	ATL
7/11/2002	.3 m	566-264-1	4. TCLP	3.7	mg/l	0.2	7/25/2002	Lead	Soil	ATL
	.3 m	566-264-1	5. PH						Soil	ATL
7/11/2002	.6 m	566-264-2	1. TTLC	200	mg/kg	5	7/15/2002	Lead	Soil	ATL
7/11/2002	.6 m	566-264-2	2. STLC	14	mg/l	0.2	7/23/2002	Lead	Soil	ATL
7/11/2002	.6 m	566-264-2	3. STLC-DI	ND	mg/l	0.2	7/23/2002	Lead	Soil	ATL
	.6 m	566-264-2	4. TCLP		mg/l			Lead	Soil	ATL
	.6 m	566-264-2	5. PH						Soil	ATL
	.9 m	566-264-3	1. TTLC		mg/kg			Lead	Soil	ATL
	.9 m	566-264-3	2. STLC		mg/l			Lead	Soil	ATL
	.9 m	566-264-3	3. STLC-DI		mg/l			Lead	Soil	ATL
	.9 m	566-264-3	4. TCLP		mg/l			Lead	Soil	ATL
	.9 m	566-264-3	5. PH						Soil	ATL
7/11/2002	surface	566-265-0	1. TTLC	2000	mg/kg	5	7/15/2002	Lead	Soil	ATL
	surface	566-265-0	2. STLC		mg/l			Lead	Soil	ATL
	surface	566-265-0	3. STLC-DI		mg/l			Lead	Soil	ATL
7/11/2002	surface	566-265-0	4. TCLP	3	mg/l	0.2	7/25/2002	Lead	Soil	ATL
	surface	566-265-0	5. PH						Soil	ATL
7/11/2002	.3 m	566-265-1	1. TTLC	1300	mg/kg	5	7/15/2002	Lead	Soil	ATL
	.3 m	566-265-1	2. STLC		mg/l			Lead	Soil	ATL
	.3 m	566-265-1	3. STLC-DI		mg/l			Lead	Soil	ATL
7/11/2002	.3 m	566-265-1	4. TCLP	2.6	mg/l	0.2	7/25/2002	Lead	Soil	ATL
	.3 m	566-265-1	5. PH						Soil	ATL
	.6 m	566-265-2	1. TTLC		mg/kg			Lead	Soil	ATL
	.6 m	566-265-2	2. STLC		mg/l			Lead	Soil	ATL
	.6 m	566-265-2	3. STLC-DI					Lead	Soil	ATL

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	.6 m	566-265-2	4. TCLP		mg/l			Lead	Soil	ATL
	.6 m	566-265-2	5. PH						Soil	ATL
	.9 m	566-265-3	1. TTLC		mg/kg			Lead	Soil	ATL
	.9 m	566-265-3	2. STLC		mg/l			Lead	Soil	ATL
	.9 m	566-265-3	3. STLC-DI		mg/l			Lead	Soil	ATL
	.9 m	566-265-3	4. TCLP		mg/l			Lead	Soil	ATL
	.9 m	566-265-3	5. PH						Soil	ATL
7/11/2002	surface	566-266-0	1. TTLC	1500	mg/kg	5	7/15/2002	Lead	Soil	ATL
	surface	566-266-0	2. STLC		mg/l			Lead	Soil	ATL
	surface	566-266-0	3. STLC-DI		mg/l			Lead	Soil	ATL
7/11/2002	surface	566-266-0	4. TCLP	2.2	mg/l	0.2	7/25/2002	Lead	Soil	ATL
	surface	566-266-0	5. PH						Soil	ATL
7/11/2002	.3 m	566-266-1	1. TTLC	490	mg/kg	5	7/15/2002	Lead	Soil	ATL
7/11/2002	.3 m	566-266-1	2. STLC	22	mg/l	0.4	7/23/2002	Lead	Soil	ATL
7/11/2002	.3 m	566-266-1	3. STLC-DI	0.81	mg/l	0.2	7/23/2002	Lead	Soil	ATL
	.3 m	566-266-1	4. TCLP		mg/l			Lead	Soil	ATL
	.3 m	566-266-1	5. PH						Soil	ATL
	.6 m	566-266-2	1. TTLC		mg/kg			Lead	Soil	ATL
	.6 m	566-266-2	2. STLC		mg/l			Lead	Soil	ATL
	.6 m	566-266-2	3. STLC-DI		mg/l			Lead	Soil	ATL
	.6 m	566-266-2	4. TCLP		mg/l			Lead	Soil	ATL
	.6 m	566-266-2	5. PH						Soil	ATL
	.9 m	566-266-3	1. TTLC		mg/kg			Lead	Soil	ATL
	.9 m	566-266-3	2. STLC		mg/l			Lead	Soil	ATL
	.9 m	566-266-3	3. STLC-DI		mg/l			Lead	Soil	ATL
	.9 m	566-266-3	4. TCLP		mg/l			Lead	Soil	ATL
	.9 m	566-266-3	5. PH						Soil	ATL
7/11/2002	surface	566-267-0	1. TTLC	850	mg/kg	5	7/15/2002	Lead	Soil	ATL
7/11/2002	surface	566-267-0	2. STLC	53	mg/l	0.8	7/23/2002	Lead	Soil	ATL
7/11/2002	surface	566-267-0	3. STLC-DI	2.2	mg/l	0.2	7/23/2002	Lead	Soil	ATL
	surface	566-267-0	4. TCLP		mg/l			Lead	Soil	ATL
	surface	566-267-0	5. PH						Soil	ATL
7/11/2002	.3 m	566-267-1	1. TTLC	760	mg/kg	5	7/15/2002	Lead	Soil	ATL
7/11/2002	.3 m	566-267-1	2. STLC	48	mg/l	0.8	7/23/2002	Lead	Soil	ATL
7/11/2002	.3 m	566-267-1	3. STLC-DI	3.1	mg/l	0.2	7/23/2002	Lead	Soil	ATL
	.3 m	566-267-1	4. TCLP		mg/l			Lead	Soil	ATL
	.3 m	566-267-1	5. PH						Soil	ATL
7/11/2002	.6 m	566-267-2	1. TTLC	74	mg/kg	5	7/15/2002	Lead	Soil	ATL
7/11/2002	.6 m	566-267-2	2. STLC	1.9	mg/l	0.2	7/23/2002	Lead	Soil	ATL
	.6 m	566-267-2	3. STLC-DI		mg/l			Lead	Soil	ATL
	.6 m	566-267-2	4. TCLP		mg/l			Lead	Soil	ATL
7/11/2002	.6 m	566-267-2	5. PH	8.63		0.1	7/17/2002		Soil	ATL
7/11/2002	.9 m	566-267-3	1. TTLC	400	mg/kg	5	7/15/2002	Lead	Soil	ATL
7/11/2002	.9 m	566-267-3	2. STLC	28	mg/l	0.4	7/23/2002	Lead	Soil	ATL
7/11/2002	.9 m	566-267-3	3. STLC-DI	1.5	mg/l	0.2	7/23/2002	Lead	Soil	ATL
	.9 m	566-267-3	4. TCLP		mg/l			Lead	Soil	ATL
	.9 m	566-267-3	5. PH						Soil	ATL
7/11/2002	surface	566-268-0	1. TTLC	1300	mg/kg	5	7/15/2002	Lead	Soil	ATL
	surface	566-268-0	2. STLC		mg/l			Lead	Soil	ATL
	surface	566-268-0	3. STLC-DI		mg/l			Lead	Soil	ATL
7/11/2002	surface	566-268-0	4. TCLP	1.4	mg/l	0.2	7/25/2002	Lead	Soil	ATL
	surface	566-268-0	5. PH						Soil	ATL
7/11/2002	.3 m	566-268-1	1. TTLC	310	mg/kg	5	7/15/2002	Lead	Soil	ATL
7/11/2002	.3 m	566-268-1	2. STLC	29	mg/l	0.4	7/23/2002	Lead	Soil	ATL
7/11/2002	.3 m	566-268-1	3. STLC-DI	1.1	mg/l	0.2	7/23/2002	Lead	Soil	ATL
	.3 m	566-268-1	4. TCLP		mg/l			Lead	Soil	ATL
	.3 m	566-268-1	5. PH						Soil	ATL
7/11/2002	.6 m	566-268-2	1. TTLC	180	mg/kg	5	7/15/2002	Lead	Soil	ATL
7/11/2002	.6 m	566-268-2	2. STLC	12	mg/l	0.2	7/23/2002	Lead	Soil	ATL
7/11/2002	.6 m	566-268-2	3. STLC-DI	0.21	mg/l	0.2	7/23/2002	Lead	Soil	ATL
	.6 m	566-268-2	4. TCLP					Lead	Soil	ATL

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	.6 m	566-268-2	5. PH							Soil	ATL
7/11/2002	.9 m	566-268-3	1. TTLC	360	mg/kg	5		7/15/2002	Lead	Soil	ATL
7/11/2002	.9 m	566-268-3	2. STLC	30	mg/l	0.4		7/23/2002	Lead	Soil	ATL
7/11/2002	.9 m	566-268-3	3. STLC-DI	1.3	mg/l	0.2		7/23/2002	Lead	Soil	ATL
	.9 m	566-268-3	4. TCLP		mg/l				Lead	Soil	ATL
	.9 m	566-268-3	5. PH							Soil	ATL
7/11/2002	surface	566-269-0	1. TTLC	810	mg/kg	5		7/15/2002	Lead	Soil	ATL
7/11/2002	surface	566-269-0	2. STLC	45	mg/l	0.8		7/23/2002	Lead	Soil	ATL
7/11/2002	surface	566-269-0	3. STLC-DI	2.5	mg/l	0.2		7/23/2002	Lead	Soil	ATL
	surface	566-269-0	4. TCLP		mg/l				Lead	Soil	ATL
	surface	566-269-0	5. PH							Soil	ATL
7/11/2002	.3 m	566-269-1	1. TTLC	220	mg/kg	5		7/15/2002	Lead	Soil	ATL
7/11/2002	.3 m	566-269-1	2. STLC	11	mg/l	0.2		7/23/2002	Lead	Soil	ATL
7/11/2002	.3 m	566-269-1	3. STLC-DI	0.28	mg/l	0.2		7/23/2002	Lead	Soil	ATL
	.3 m	566-269-1	4. TCLP		mg/l				Lead	Soil	ATL
	.3 m	566-269-1	5. PH							Soil	ATL
7/11/2002	.6 m	566-269-2	1. TTLC	350	mg/kg	5		7/15/2002	Lead	Soil	ATL
7/11/2002	.6 m	566-269-2	2. STLC	20	mg/l	0.4		7/23/2002	Lead	Soil	ATL
7/11/2002	.6 m	566-269-2	3. STLC-DI	0.37	mg/l	0.2		7/23/2002	Lead	Soil	ATL
	.6 m	566-269-2	4. TCLP		mg/l				Lead	Soil	ATL
	.6 m	566-269-2	5. PH							Soil	ATL
	.9 m	566-269-3	1. TTLC		mg/kg				Lead	Soil	ATL
	.9 m	566-269-3	2. STLC		mg/l				Lead	Soil	ATL
	.9 m	566-269-3	3. STLC-DI		mg/l				Lead	Soil	ATL
	.9 m	566-269-3	4. TCLP		mg/l				Lead	Soil	ATL
	.9 m	566-269-3	5. PH							Soil	ATL
7/11/2002	surface	566-270-0	1. TTLC	1200	mg/kg	5		7/15/2002	Lead	Soil	ATL
	surface	566-270-0	2. STLC		mg/l				Lead	Soil	ATL
	surface	566-270-0	3. STLC-DI		mg/l				Lead	Soil	ATL
7/11/2002	surface	566-270-0	4. TCLP	1.3	mg/l	0.2		7/25/2002	Lead	Soil	ATL
	surface	566-270-0	5. PH							Soil	ATL
7/11/2002	.3 m	566-270-1	1. TTLC	450	mg/kg	5		7/15/2002	Lead	Soil	ATL
7/11/2002	.3 m	566-270-1	2. STLC	22	mg/l	0.4		7/23/2002	Lead	Soil	ATL
7/11/2002	.3 m	566-270-1	3. STLC-DI	1	mg/l	0.2		7/23/2002	Lead	Soil	ATL
	.3 m	566-270-1	4. TCLP		mg/l				Lead	Soil	ATL
	.3 m	566-270-1	5. PH							Soil	ATL
7/11/2002	.6 m	566-270-2	1. TTLC	8.33	mg/kg	0.1		7/17/2002		Soil	ATL
7/11/2002	.6 m	566-270-2	2. STLC	200	mg/kg	5		7/15/2002	Lead	Soil	ATL
7/11/2002	.6 m	566-270-2	3. STLC-DI	19	mg/l	0.4		7/23/2002	Lead	Soil	ATL
7/11/2002	.6 m	566-270-2	4. TCLP	1.1	mg/l	0.2		7/23/2002	Lead	Soil	ATL
	.6 m	566-270-2	5. PH							Soil	ATL
7/11/2002	.9 m	566-270-3	1. TTLC	160	mg/kg	5		7/15/2002	Lead	Soil	ATL
7/11/2002	.9 m	566-270-3	2. STLC	3.7	mg/l	0.2		7/23/2002	Lead	Soil	ATL
	.9 m	566-270-3	3. STLC-DI		mg/l				Lead	Soil	ATL
	.9 m	566-270-3	4. TCLP		mg/l				Lead	Soil	ATL
	.9 m	566-270-3	5. PH							Soil	ATL
7/11/2002	surface	566-271-0	1. TTLC	270	mg/kg	5		7/15/2002	Lead	Soil	ATL
7/11/2002	surface	566-271-0	2. STLC	18	mg/l	0.4		7/23/2002	Lead	Soil	ATL
7/11/2002	surface	566-271-0	3. STLC-DI	0.35	mg/l	0.2		7/23/2002	Lead	Soil	ATL
	surface	566-271-0	4. TCLP		mg/l				Lead	Soil	ATL
	surface	566-271-0	5. PH							Soil	ATL
7/11/2002	.3 m	566-271-1	1. TTLC	170	mg/kg	5		7/15/2002	Lead	Soil	ATL
7/11/2002	.3 m	566-271-1	2. STLC	11	mg/l	0.2		7/23/2002	Lead	Soil	ATL
7/11/2002	.3 m	566-271-1	3. STLC-DI	0.32	mg/l	0.2		7/23/2002	Lead	Soil	ATL
	.3 m	566-271-1	4. TCLP		mg/l				Lead	Soil	ATL
	.3 m	566-271-1	5. PH							Soil	ATL
7/11/2002	.6 m	566-271-2	1. TTLC	120	mg/kg	5		7/15/2002	Lead	Soil	ATL
7/11/2002	.6 m	566-271-2	2. STLC	11	mg/l	0.2		7/23/2002	Lead	Soil	ATL
7/11/2002	.6 m	566-271-2	3. STLC-DI	0.47	mg/l	0.2		7/23/2002	Lead	Soil	ATL
	.6 m	566-271-2	4. TCLP		mg/l				Lead	Soil	ATL
	.6 m	566-271-2	5. PH							Soil	ATL

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	.9 m	566-271-3	1. TTLC		mg/kg			Lead	Soil	ATL
	.9 m	566-271-3	2. STLC		mg/l			Lead	Soil	ATL
	.9 m	566-271-3	3. STLC-DI		mg/l			Lead	Soil	ATL
	.9 m	566-271-3	4. TCLP		mg/l			Lead	Soil	ATL
	.9 m	566-271-3	5. PH						Soil	ATL
7/11/2002	surface	566-272-0	1. TTLC	1100	mg/kg	5	7/15/2002	Lead	Soil	ATL
	surface	566-272-0	2. STLC		mg/l			Lead	Soil	ATL
	surface	566-272-0	3. STLC-DI		mg/l			Lead	Soil	ATL
7/11/2002	surface	566-272-0	4. TCLP	1.9	mg/l	0.2	7/25/2002	Lead	Soil	ATL
	surface	566-272-0	5. PH						Soil	ATL
7/11/2002	.3 m	566-272-1	1. TTLC	890	mg/kg	5	7/15/2002	Lead	Soil	ATL
7/11/2002	.3 m	566-272-1	2. STLC	65	mg/l	1	7/23/2002	Lead	Soil	ATL
7/11/2002	.3 m	566-272-1	3. STLC-DI	3	mg/l	0.2	7/23/2002	Lead	Soil	ATL
	.3 m	566-272-1	4. TCLP		mg/l			Lead	Soil	ATL
	.3 m	566-272-1	5. PH						Soil	ATL
7/11/2002	.6 m	566-272-2	1. TTLC	440	mg/kg	5	7/15/2002	Lead	Soil	ATL
7/11/2002	.6 m	566-272-2	2. STLC	38	mg/l	0.8	7/23/2002	Lead	Soil	ATL
7/11/2002	.6 m	566-272-2	3. STLC-DI	2.3	mg/l	0.2	7/23/2002	Lead	Soil	ATL
	.6 m	566-272-2	4. TCLP		mg/l			Lead	Soil	ATL
	.6 m	566-272-2	5. PH						Soil	ATL
7/11/2002	.9 m	566-272-3	1. TTLC	43	mg/kg	5	7/15/2002	Lead	Soil	ATL
	.9 m	566-272-3	2. STLC		mg/l			Lead	Soil	ATL
	.9 m	566-272-3	3. STLC-DI		mg/l			Lead	Soil	ATL
	.9 m	566-272-3	4. TCLP		mg/l			Lead	Soil	ATL
	.9 m	566-272-3	5. PH						Soil	ATL
7/11/2002	surface	566-273-0	1. TTLC	770	mg/kg	5	7/15/2002	Lead	Soil	ATL
7/11/2002	surface	566-273-0	2. STLC	130	mg/l	2	7/23/2002	Lead	Soil	ATL
7/11/2002	surface	566-273-0	3. STLC-DI	1.9	mg/l	0.2	7/23/2002	Lead	Soil	ATL
	surface	566-273-0	4. TCLP		mg/l			Lead	Soil	ATL
7/11/2002	surface	566-273-0	5. PH	7.52		0.1	7/17/2002		Soil	ATL
7/11/2002	.3 m	566-273-1	1. TTLC	310	mg/kg	5	7/16/2002	Lead	Soil	ATL
7/11/2002	.3 m	566-273-1	2. STLC	34	mg/l	0.8	7/23/2002	Lead	Soil	ATL
7/11/2002	.3 m	566-273-1	3. STLC-DI	1.1	mg/l	0.2	7/23/2002	Lead	Soil	ATL
	.3 m	566-273-1	4. TCLP		mg/l			Lead	Soil	ATL
	.3 m	566-273-1	5. PH						Soil	ATL
7/11/2002	.6 m	566-273-2	1. TTLC	230	mg/kg	5	7/16/2002	Lead	Soil	ATL
7/11/2002	.6 m	566-273-2	2. STLC	14	mg/l	0.2	7/23/2002	Lead	Soil	ATL
7/11/2002	.6 m	566-273-2	3. STLC-DI	0.51	mg/l	0.2	7/23/2002	Lead	Soil	ATL
	.6 m	566-273-2	4. TCLP		mg/l			Lead	Soil	ATL
	.6 m	566-273-2	5. PH						Soil	ATL
	.9 m	566-273-3	1. TTLC		mg/kg			Lead	Soil	ATL
	.9 m	566-273-3	2. STLC		mg/l			Lead	Soil	ATL
	.9 m	566-273-3	3. STLC-DI		mg/l			Lead	Soil	ATL
	.9 m	566-273-3	4. TCLP		mg/l			Lead	Soil	ATL
	.9 m	566-273-3	5. PH						Soil	ATL
7/11/2002	surface	566-274-0	1. TTLC	3500	mg/kg	5	7/16/2002	Lead	Soil	ATL
	surface	566-274-0	2. STLC		mg/l			Lead	Soil	ATL
	surface	566-274-0	3. STLC-DI		mg/l			Lead	Soil	ATL
7/11/2002	surface	566-274-0	4. TCLP	8.2	mg/l	0.2	7/25/2002	Lead	Soil	ATL
	surface	566-274-0	5. PH						Soil	ATL
7/11/2002	.3 m	566-274-1	1. TTLC	310	mg/kg	5	7/16/2002	Lead	Soil	ATL
7/11/2002	.3 m	566-274-1	2. STLC	15	mg/l		7/23/2002	Lead	Soil	ATL
7/11/2002	.3 m	566-274-1	3. STLC-DI	0.62	mg/l	0.2	7/23/2002	Lead	Soil	ATL
	.3 m	566-274-1	4. TCLP		mg/l			Lead	Soil	ATL
	.3 m	566-274-1	5. PH						Soil	ATL
7/11/2002	.6 m	566-274-2	1. TTLC	130	mg/kg	5	7/16/2002	Lead	Soil	ATL
7/11/2002	.6 m	566-274-2	2. STLC	8.1	mg/l	0.2	7/23/2002	Lead	Soil	ATL
7/11/2002	.6 m	566-274-2	3. STLC-DI	ND	mg/l	0.2	7/23/2002	Lead	Soil	ATL
	.6 m	566-274-2	4. TCLP		mg/l			Lead	Soil	ATL
	.6 m	566-274-2	5. PH						Soil	ATL
7/11/2002	.9 m	566-274-3	1. TTLC	490	mg/kg	5	7/16/2002	Lead	Soil	ATL

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7/11/2002	.9 m	566-274-3	2. STLC	35	mg/l	0.8	7/23/2002	Lead	Soil	ATL
7/11/2002	.9 m	566-274-3	3. STLC-DI	0.63	mg/l	0.2	7/23/2002	Lead	Soil	ATL
	.9 m	566-274-3	4. TCLP		mg/l			Lead	Soil	ATL
	.9 m	566-274-3	5. PH						Soil	ATL
7/11/2002	surface	566-275-0	1. TTLC	730	mg/kg	5	7/16/2002	Lead	Soil	ATL
7/11/2002	surface	566-275-0	2. STLC	130	mg/l	2	7/23/2002	Lead	Soil	ATL
7/11/2002	surface	566-275-0	3. STLC-DI	4.5	mg/l	0.2	7/23/2002	Lead	Soil	ATL
	surface	566-275-0	4. TCLP		mg/l			Lead	Soil	ATL
	surface	566-275-0	5. PH						Soil	ATL
7/11/2002	.3 m	566-275-1	1. TTLC	940	mg/kg	5	7/16/2002	Lead	Soil	ATL
7/11/2002	.3 m	566-275-1	2. STLC	140	mg/l	2	7/23/2002	Lead	Soil	ATL
7/11/2002	.3 m	566-275-1	3. STLC-DI	7.4	mg/l	0.2	7/23/2002	Lead	Soil	ATL
	.3 m	566-275-1	4. TCLP		mg/l			Lead	Soil	ATL
	.3 m	566-275-1	5. PH						Soil	ATL
7/11/2002	.6 m	566-275-2	1. TTLC	460	mg/kg	5	7/16/2002	Lead	Soil	ATL
7/11/2002	.6 m	566-275-2	2. STLC	36	mg/l	0.8	7/23/2002	Lead	Soil	ATL
7/11/2002	.6 m	566-275-2	3. STLC-DI	4.7	mg/l	0.2	7/23/2002	Lead	Soil	ATL
	.6 m	566-275-2	4. TCLP		mg/l			Lead	Soil	ATL
	.6 m	566-275-2	5. PH						Soil	ATL
	.9 m	566-275-3	1. TTLC		mg/kg			Lead	Soil	ATL
	.9 m	566-275-3	2. STLC		mg/l			Lead	Soil	ATL
	.9 m	566-275-3	3. STLC-DI		mg/l			Lead	Soil	ATL
	.9 m	566-275-3	4. TCLP		mg/l			Lead	Soil	ATL
	.9 m	566-275-3	5. PH						Soil	ATL
7/11/2002	surface	566-276-0	1. TTLC	720	mg/kg	5	7/16/2002	Lead	Soil	ATL
7/11/2002	surface	566-276-0	2. STLC	200	mg/l	4	7/23/2002	Lead	Soil	ATL
7/11/2002	surface	566-276-0	3. STLC-DI	4.5	mg/l	0.2	7/23/2002	Lead	Soil	ATL
	surface	566-276-0	4. TCLP		mg/l			Lead	Soil	ATL
7/11/2002	surface	566-276-0	5. PH	8.07		0.1	7/17/2002		Soil	ATL
7/11/2002	.3 m	566-276-1	1. TTLC	190	mg/kg	5	7/16/2002	Lead	Soil	ATL
7/11/2002	.3 m	566-276-1	2. STLC	8.4	mg/l	0.2	7/23/2002	Lead	Soil	ATL
7/11/2002	.3 m	566-276-1	3. STLC-DI	2.6	mg/l	0.2	7/23/2002	Lead	Soil	ATL
	.3 m	566-276-1	4. TCLP		mg/l			Lead	Soil	ATL
	.3 m	566-276-1	5. PH						Soil	ATL
7/11/2002	.6 m	566-276-2	1. TTLC	65	mg/kg	5	7/16/2002	Lead	Soil	ATL
7/11/2002	.6 m	566-276-2	2. STLC	4.5	mg/l	0.2	7/23/2002	Lead	Soil	ATL
	.6 m	566-276-2	3. STLC-DI		mg/l			Lead	Soil	ATL
	.6 m	566-276-2	4. TCLP		mg/l			Lead	Soil	ATL
	.6 m	566-276-2	5. PH						Soil	ATL
7/11/2002	.9 m	566-276-3	1. TTLC	160	mg/kg	5	7/16/2002	Lead	Soil	ATL
7/11/2002	.9 m	566-276-3	2. STLC	8.5	mg/l	0.2	7/23/2002	Lead	Soil	ATL
7/11/2002	.9 m	566-276-3	3. STLC-DI	ND	mg/l	0.2	7/23/2002	Lead	Soil	ATL
	.9 m	566-276-3	4. TCLP		mg/l			Lead	Soil	ATL
	.9 m	566-276-3	5. PH						Soil	ATL
7/11/2002	surface	566-277-0	1. TTLC	470	mg/kg	5	7/16/2002	Lead	Soil	ATL
7/11/2002	surface	566-277-0	2. STLC	63	mg/l	1	7/23/2002	Lead	Soil	ATL
7/11/2002	surface	566-277-0	3. STLC-DI	2.2	mg/l	0.2	7/23/2002	Lead	Soil	ATL
	surface	566-277-0	4. TCLP		mg/l			Lead	Soil	ATL
	surface	566-277-0	5. PH						Soil	ATL
7/11/2002	.3 m	566-277-1	1. TTLC	260	mg/kg	5	7/16/2002	Lead	Soil	ATL
7/11/2002	.3 m	566-277-1	2. STLC	27	mg/l	0.4	7/23/2002	Lead	Soil	ATL
7/11/2002	.3 m	566-277-1	3. STLC-DI	0.6	mg/l	0.2	7/23/2002	Lead	Soil	ATL
	.3 m	566-277-1	4. TCLP		mg/l			Lead	Soil	ATL
	.3 m	566-277-1	5. PH						Soil	ATL
7/11/2002	.6 m	566-277-2	1. TTLC	800	mg/kg	5	7/16/2002	Lead	Soil	ATL
7/11/2002	.6 m	566-277-2	2. STLC	50	mg/l	0.8	7/23/2002	Lead	Soil	ATL
7/11/2002	.6 m	566-277-2	3. STLC-DI	2.8	mg/l	0.2	7/23/2002	Lead	Soil	ATL
	.6 m	566-277-2	4. TCLP		mg/l			Lead	Soil	ATL
	.6 m	566-277-2	5. PH						Soil	ATL
	.9 m	566-277-3	1. TTLC		mg/kg			Lead	Soil	ATL
	.9 m	566-277-3	2. STLC					Lead	Soil	ATL

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	.9 m	566-277-3	3. STLC-DI		mg/l			Lead	Soil	ATL
	.9 m	566-277-3	4. TCLP		mg/l			Lead	Soil	ATL
	.9 m	566-277-3	5. PH						Soil	ATL
7/11/2002	surface	566-278-0	1. TTLC	3400	mg/kg	5	7/16/2002	Lead	Soil	ATL
	surface	566-278-0	2. STLC		mg/l			Lead	Soil	ATL
	surface	566-278-0	3. STLC-DI		mg/l			Lead	Soil	ATL
7/11/2002	surface	566-278-0	4. TCLP	4.6	mg/l	0.2	7/25/2002	Lead	Soil	ATL
	surface	566-278-0	5. PH						Soil	ATL
7/11/2002	.3 m	566-278-1	1. TTLC	1300	mg/kg	5	7/16/2002	Lead	Soil	ATL
	.3 m	566-278-1	2. STLC		mg/l			Lead	Soil	ATL
	.3 m	566-278-1	3. STLC-DI		mg/l			Lead	Soil	ATL
7/11/2002	.3 m	566-278-1	4. TCLP	2.6	mg/l	0.2	7/25/2002	Lead	Soil	ATL
	.3 m	566-278-1	5. PH						Soil	ATL
7/11/2002	.6 m	566-278-2	1. TTLC	840	mg/kg	5	7/16/2002	Lead	Soil	ATL
7/11/2002	.6 m	566-278-2	2. STLC	89	mg/l	2	7/23/2002	Lead	Soil	ATL
7/11/2002	.6 m	566-278-2	3. STLC-DI	1.5	mg/l	0.2	7/25/2002	Lead	Soil	ATL
	.6 m	566-278-2	4. TCLP		mg/l			Lead	Soil	ATL
	.6 m	566-278-2	5. PH						Soil	ATL
	.9 m	566-278-3	1. TTLC		mg/kg			Lead	Soil	ATL
	.9 m	566-278-3	2. STLC		mg/l			Lead	Soil	ATL
	.9 m	566-278-3	3. STLC-DI		mg/l			Lead	Soil	ATL
	.9 m	566-278-3	4. TCLP		mg/l			Lead	Soil	ATL
	.9 m	566-278-3	5. PH						Soil	ATL
7/11/2002	surface	566-279-0	1. TTLC	1600	mg/kg	5	7/16/2002	Lead	Soil	ATL
	surface	566-279-0	2. STLC		mg/l			Lead	Soil	ATL
	surface	566-279-0	3. STLC-DI		mg/l			Lead	Soil	ATL
7/11/2002	surface	566-279-0	4. TCLP	4.3	mg/l	0.2	7/25/2002	Lead	Soil	ATL
7/11/2002	surface	566-279-0	5. PH	6.37		0.1	7/17/2002		Soil	ATL
7/11/2002	.3 m	566-279-1	1. TTLC	360	mg/kg	5	7/16/2002	Lead	Soil	ATL
7/11/2002	.3 m	566-279-1	2. STLC	51	mg/l	0.8	7/23/2002	Lead	Soil	ATL
7/11/2002	.3 m	566-279-1	3. STLC-DI	2.6	mg/l	0.2	7/25/2002	Lead	Soil	ATL
	.3 m	566-279-1	4. TCLP		mg/l			Lead	Soil	ATL
	.3 m	566-279-1	5. PH						Soil	ATL
7/11/2002	.6 m	566-279-2	1. TTLC	28	mg/kg	5	7/16/2002	Lead	Soil	ATL
	.6 m	566-279-2	2. STLC		mg/l			Lead	Soil	ATL
	.6 m	566-279-2	3. STLC-DI		mg/l			Lead	Soil	ATL
	.6 m	566-279-2	4. TCLP		mg/l			Lead	Soil	ATL
	.6 m	566-279-2	5. PH						Soil	ATL
	.9 m	566-279-3	1. TTLC		mg/kg			Lead	Soil	ATL
	.9 m	566-279-3	2. STLC		mg/l			Lead	Soil	ATL
	.9 m	566-279-3	3. STLC-DI		mg/l			Lead	Soil	ATL
	.9 m	566-279-3	4. TCLP		mg/l			Lead	Soil	ATL
	.9 m	566-279-3	5. PH						Soil	ATL
7/11/2002	surface	566-280-0	1. TTLC	990	mg/kg	5	7/16/2002	Lead	Soil	ATL
7/11/2002	surface	566-280-0	2. STLC	64	mg/l	1	7/23/2002	Lead	Soil	ATL
7/11/2002	surface	566-280-0	3. STLC-DI	1.7	mg/l	0.2	7/25/2002	Lead	Soil	ATL
	surface	566-280-0	4. TCLP		mg/l			Lead	Soil	ATL
	surface	566-280-0	5. PH						Soil	ATL
7/11/2002	.3 m	566-280-1	1. TTLC	530	mg/kg	5	7/16/2002	Lead	Soil	ATL
7/11/2002	.3 m	566-280-1	2. STLC	53	mg/l	0.8	7/23/2002	Lead	Soil	ATL
7/11/2002	.3 m	566-280-1	3. STLC-DI	2.4	mg/l	0.2	7/25/2002	Lead	Soil	ATL
	.3 m	566-280-1	4. TCLP		mg/l			Lead	Soil	ATL
	.3 m	566-280-1	5. PH						Soil	ATL
	.6 m	566-280-2	1. TTLC		mg/kg			Lead	Soil	ATL
	.6 m	566-280-2	2. STLC		mg/l			Lead	Soil	ATL
	.6 m	566-280-2	3. STLC-DI		mg/l			Lead	Soil	ATL
	.6 m	566-280-2	4. TCLP		mg/l			Lead	Soil	ATL
	.6 m	566-280-2	5. PH						Soil	ATL
	.9 m	566-280-3	1. TTLC		mg/kg			Lead	Soil	ATL
	.9 m	566-280-3	2. STLC		mg/l			Lead	Soil	ATL
	.9 m	566-280-3	3. STLC-DI		mg/l			Lead	Soil	ATL

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	.9 m	566-280-3	4. TCLP		mg/l				Lead	Soil	ATL
	.9 m	566-280-3	5. PH							Soil	ATL
7/11/2002	surface	566-281-0	1. TTLC	2200	mg/kg	5	7/16/2002	Lead	Soil	ATL	
	surface	566-281-0	2. STLC		mg/l			Lead	Soil	ATL	
	surface	566-281-0	3. STLC-DI		mg/l			Lead	Soil	ATL	
7/11/2002	surface	566-281-0	4. TCLP	2.9	mg/l	0.2	7/25/2002	Lead	Soil	ATL	
	surface	566-281-0	5. PH						Soil	ATL	
7/11/2002	.3 m	566-281-1	1. TTLC	890	mg/kg	5	7/16/2002	Lead	Soil	ATL	
7/11/2002	.3 m	566-281-1	2. STLC	65	mg/l	1	7/23/2002	Lead	Soil	ATL	
7/11/2002	.3 m	566-281-1	3. STLC-DI	4.2	mg/l	0.2	7/25/2002	Lead	Soil	ATL	
	.3 m	566-281-1	4. TCLP		mg/l			Lead	Soil	ATL	
	.3 m	566-281-1	5. PH						Soil	ATL	
7/11/2002	.6 m	566-281-2	1. TTLC	500	mg/kg	5	7/16/2002	Lead	Soil	ATL	
7/11/2002	.6 m	566-281-2	2. STLC	27	mg/l	0.4	7/23/2002	Lead	Soil	ATL	
7/11/2002	.6 m	566-281-2	3. STLC-DI	1.3	mg/l	0.2	7/25/2002	Lead	Soil	ATL	
	.6 m	566-281-2	4. TCLP		mg/l			Lead	Soil	ATL	
	.6 m	566-281-2	5. PH						Soil	ATL	
	.9 m	566-281-3	1. TTLC		mg/kg			Lead	Soil	ATL	
	.9 m	566-281-3	2. STLC		mg/l			Lead	Soil	ATL	
	.9 m	566-281-3	3. STLC-DI		mg/l			Lead	Soil	ATL	
	.9 m	566-281-3	4. TCLP		mg/l			Lead	Soil	ATL	
	.9 m	566-281-3	5. PH						Soil	ATL	
7/11/2002	surface	566-282-0	1. TTLC	620	mg/kg	5	7/16/2002	Lead	Soil	ATL	
7/11/2002	surface	566-282-0	2. STLC	4.1	mg/l	0.8	7/23/2002	Lead	Soil	ATL	
7/11/2002	surface	566-282-0	3. STLC-DI	1.9	mg/l	0.2	7/25/2002	Lead	Soil	ATL	
	surface	566-282-0	4. TCLP		mg/l			Lead	Soil	ATL	
	surface	566-282-0	5. PH						Soil	ATL	
7/11/2002	.3 m	566-282-1	1. TTLC	340	mg/kg	5	7/16/2002	Lead	Soil	ATL	
7/11/2002	.3 m	566-282-1	2. STLC	26	mg/l	0.4	7/23/2002	Lead	Soil	ATL	
7/11/2002	.3 m	566-282-1	3. STLC-DI	1.1	mg/l	0.2	7/25/2002	Lead	Soil	ATL	
	.3 m	566-282-1	4. TCLP		mg/l			Lead	Soil	ATL	
	.3 m	566-282-1	5. PH						Soil	ATL	
	.6 m	566-282-2	1. TTLC		mg/kg			Lead	Soil	ATL	
	.6 m	566-282-2	2. STLC		mg/l			Lead	Soil	ATL	
	.6 m	566-282-2	3. STLC-DI		mg/l			Lead	Soil	ATL	
	.6 m	566-282-2	4. TCLP		mg/l			Lead	Soil	ATL	
	.6 m	566-282-2	5. PH						Soil	ATL	
	.9 m	566-282-3	1. TTLC		mg/kg			Lead	Soil	ATL	
	.9 m	566-282-3	2. STLC		mg/l			Lead	Soil	ATL	
	.9 m	566-282-3	3. STLC-DI		mg/l			Lead	Soil	ATL	
	.9 m	566-282-3	4. TCLP		mg/l			Lead	Soil	ATL	
	.9 m	566-282-3	5. PH						Soil	ATL	
	surface	566-283-0	1. TTLC	540	mg/kg	5	7/17/2002	Lead	Soil	ATL	
7/11/2002	surface	566-283-0	2. STLC	52	mg/l	2	7/25/2002	Lead	Soil	ATL	
7/11/2002	surface	566-283-0	3. STLC-DI	0.56	mg/l	0.2	7/25/2002	Lead	Soil	ATL	
7/11/2002	surface	566-283-0	4. TCLP		mg/l			Lead	Soil	ATL	
	surface	566-283-0	5. PH						Soil	ATL	
7/12/2002	.3 m	566-283-1	1. TTLC	530	mg/kg	5	7/17/2002	Lead	Soil	ATL	
7/12/2002	.3 m	566-283-1	2. STLC	34	mg/l	0.8	7/23/2002	Lead	Soil	ATL	
7/12/2002	.3 m	566-283-1	3. STLC-DI	0.95	mg/l	0.2	7/25/2002	Lead	Soil	ATL	
	.3 m	566-283-1	4. TCLP		mg/l			Lead	Soil	ATL	
	.3 m	566-283-1	5. PH						Soil	ATL	
7/12/2002	.6 m	566-283-2	1. TTLC	73	mg/kg	5	7/17/2002	Lead	Soil	ATL	
7/12/2002	.6 m	566-283-2	2. STLC	4.2	mg/l	0.2	7/23/2002	Lead	Soil	ATL	
	.6 m	566-283-2	3. STLC-DI		mg/l			Lead	Soil	ATL	
	.6 m	566-283-2	4. TCLP		mg/l			Lead	Soil	ATL	
	.6 m	566-283-2	5. PH						Soil	ATL	
7/12/2002	.9 m	566-283-3	1. TTLC	190	mg/kg	5	7/17/2002	Lead	Soil	ATL	
7/12/2002	.9 m	566-283-3	2. STLC	33	mg/l	0.4	7/23/2002	Lead	Soil	ATL	
7/12/2002	.9 m	566-283-3	3. STLC-DI	0.26	mg/l	0.2	7/25/2002	Lead	Soil	ATL	
	.9 m	566-283-3	4. TCLP					Lead	Soil	ATL	

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	.9 m	566-283-3	5. PH							Soil	ATL
7/12/2002	surface	566-284-0	1. TTLC	1300	mg/kg	5		7/17/2002	Lead	Soil	ATL
	surface	566-284-0	2. STLC		mg/l				Lead	Soil	ATL
	surface	566-284-0	3. STLC-DI		mg/l				Lead	Soil	ATL
7/12/2002	surface	566-284-0	4. TCLP	17	mg/l	0.2		7/25/2002	Lead	Soil	ATL
	surface	566-284-0	5. PH						Lead	Soil	ATL
7/12/2002	.3 m	566-284-1	1. TTLC	810	mg/kg	5		7/17/2002	Lead	Soil	ATL
7/12/2002	.3 m	566-284-1	2. STLC	66	mg/l	2		7/23/2002	Lead	Soil	ATL
7/12/2002	.3 m	566-284-1	3. STLC-DI	1.9	mg/l	0.2		7/25/2002	Lead	Soil	ATL
	.3 m	566-284-1	4. TCLP		mg/l				Lead	Soil	ATL
	.3 m	566-284-1	5. PH						Lead	Soil	ATL
7/12/2002	.6 m	566-284-2	1. TTLC	280	mg/kg	5		7/17/2002	Lead	Soil	ATL
7/12/2002	.6 m	566-284-2	2. STLC	15	mg/l	0.4		7/23/2002	Lead	Soil	ATL
7/12/2002	.6 m	566-284-2	3. STLC-DI	0.34	mg/l	0.2		7/28/2002	Lead	Soil	ATL
	.6 m	566-284-2	4. TCLP		mg/l				Lead	Soil	ATL
7/12/2002	.6 m	566-284-2	5. PH	8.57		0.1		7/18/2002	Lead	Soil	ATL
7/12/2002	.9 m	566-284-3	1. TTLC	280	mg/kg	5		7/17/2002	Lead	Soil	ATL
7/12/2002	.9 m	566-284-3	2. STLC	30	mg/l	0.8		7/23/2002	Lead	Soil	ATL
	.9 m	566-284-3	3. STLC-DI	0.74	mg/l	0.2		7/28/2002	Lead	Soil	ATL
	.9 m	566-284-3	4. TCLP		mg/l				Lead	Soil	ATL
	.9 m	566-284-3	5. PH						Lead	Soil	ATL
7/12/2002	surface	566-285-0	1. TTLC	1000	mg/kg	5		7/17/2002	Lead	Soil	ATL
	surface	566-285-0	2. STLC		mg/l				Lead	Soil	ATL
	surface	566-285-0	3. STLC-DI		mg/l				Lead	Soil	ATL
7/12/2002	surface	566-285-0	4. TCLP	17	mg/l	0.2		7/25/2002	Lead	Soil	ATL
	surface	566-285-0	5. PH						Lead	Soil	ATL
7/12/2002	.3 m	566-285-1	1. TTLC	680	mg/kg	5		7/17/2002	Lead	Soil	ATL
7/12/2002	.3 m	566-285-1	2. STLC	58	mg/l	2		7/23/2002	Lead	Soil	ATL
7/12/2002	.3 m	566-285-1	3. STLC-DI	1.5	mg/l	0.2		7/28/2002	Lead	Soil	ATL
	.3 m	566-285-1	4. TCLP		mg/l				Lead	Soil	ATL
	.3 m	566-285-1	5. PH						Lead	Soil	ATL
7/12/2002	.6 m	566-285-2	1. TTLC	530	mg/kg	5		7/17/2002	Lead	Soil	ATL
7/12/2002	.6 m	566-285-2	2. STLC	36	mg/l	0.8		7/23/2002	Lead	Soil	ATL
7/12/2002	.6 m	566-285-2	3. STLC-DI	1.3	mg/l	0.2		7/28/2002	Lead	Soil	ATL
	.6 m	566-285-2	4. TCLP		mg/l				Lead	Soil	ATL
	.6 m	566-285-2	5. PH						Lead	Soil	ATL
7/12/2002	.9 m	566-285-3	1. TTLC	14	mg/kg	5		7/17/2002	Lead	Soil	ATL
	.9 m	566-285-3	2. STLC		mg/l				Lead	Soil	ATL
	.9 m	566-285-3	3. STLC-DI		mg/l				Lead	Soil	ATL
	.9 m	566-285-3	4. TCLP		mg/l				Lead	Soil	ATL
	.9 m	566-285-3	5. PH						Lead	Soil	ATL
7/12/2002	surface	566-286-0	1. TTLC	1200	mg/kg	5		7/17/2002	Lead	Soil	ATL
	surface	566-286-0	2. STLC		mg/l				Lead	Soil	ATL
	surface	566-286-0	3. STLC-DI		mg/l				Lead	Soil	ATL
7/12/2002	surface	566-286-0	4. TCLP	23	mg/l	0.2		7/25/2002	Lead	Soil	ATL
	surface	566-286-0	5. PH						Lead	Soil	ATL
7/12/2002	.3 m	566-286-1	1. TTLC	790	mg/kg	5		7/17/2002	Lead	Soil	ATL
7/12/2002	.3 m	566-286-1	2. STLC	69	mg/l	2		7/25/2002	Lead	Soil	ATL
7/12/2002	.3 m	566-286-1	3. STLC-DI	3.8	mg/l	0.2		7/28/2002	Lead	Soil	ATL
7/12/2002	.3 m	566-286-1	4. TCLP		mg/l				Lead	Soil	ATL
	.3 m	566-286-1	5. PH						Lead	Soil	ATL
7/12/2002	.6 m	566-286-2	1. TTLC	620	mg/kg	5		7/17/2002	Lead	Soil	ATL
7/12/2002	.6 m	566-286-2	2. STLC	53	mg/l	2		7/25/2002	Lead	Soil	ATL
7/12/2002	.6 m	566-286-2	3. STLC-DI	3.4	mg/l	0.2		7/28/2002	Lead	Soil	ATL
	.6 m	566-286-2	4. TCLP		mg/l				Lead	Soil	ATL
	.6 m	566-286-2	5. PH						Lead	Soil	ATL
	.9 m	566-286-3	1. TTLC		mg/kg				Lead	Soil	ATL
	.9 m	566-286-3	2. STLC		mg/l				Lead	Soil	ATL
	.9 m	566-286-3	3. STLC-DI		mg/l				Lead	Soil	ATL
	.9 m	566-286-3	4. TCLP		mg/l				Lead	Soil	ATL
	.9 m	566-286-3	5. PH						Lead	Soil	ATL

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7/12/2002	surface	566-287-0	1. TTLC	790	mg/kg	5	7/17/2002	Lead	Soil	ATL
7/12/2002	surface	566-287-0	2. STLC	85	mg/l	2	7/25/2002	Lead	Soil	ATL
7/12/2002	surface	566-287-0	3. STLC-DI	2.4	mg/l	0.2	7/28/2002	Lead	Soil	ATL
	surface	566-287-0	4. TCLP		mg/l			Lead	Soil	ATL
	surface	566-287-0	5. PH					Lead	Soil	ATL
7/12/2002	.3 m	566-287-1	1. TTLC	1100	mg/kg	5	7/17/2002	Lead	Soil	ATL
	.3 m	566-287-1	2. STLC		mg/l			Lead	Soil	ATL
	.3 m	566-287-1	3. STLC-DI		mg/l			Lead	Soil	ATL
7/12/2002	.3 m	566-287-1	4. TCLP	30	mg/l	0.2	7/25/2002	Lead	Soil	ATL
	.3 m	566-287-1	5. PH	8.61		0.1	7/18/2002		Soil	ATL
7/12/2002	.6 m	566-287-2	1. TTLC	580	mg/kg	5	7/17/2002	Lead	Soil	ATL
7/12/2002	.6 m	566-287-2	2. STLC	36	mg/l	0.8	7/25/2002	Lead	Soil	ATL
7/12/2002	.6 m	566-287-2	3. STLC-DI	2.6	mg/l	0.2	7/28/2002	Lead	Soil	ATL
	.6 m	566-287-2	4. TCLP		mg/l			Lead	Soil	ATL
	.6 m	566-287-2	5. PH						Soil	ATL
	.9 m	566-287-3	1. TTLC		mg/kg			Lead	Soil	ATL
	.9 m	566-287-3	2. STLC		mg/l			Lead	Soil	ATL
	.9 m	566-287-3	3. STLC-DI		mg/l			Lead	Soil	ATL
	.9 m	566-287-3	4. TCLP		mg/l			Lead	Soil	ATL
	.9 m	566-287-3	5. PH						Soil	ATL
7/12/2002	surface	566-288-0	1. TTLC	1600	mg/kg	5	7/17/2002	Lead	Soil	ATL
	surface	566-288-0	2. STLC		mg/l			Lead	Soil	ATL
	surface	566-288-0	3. STLC-DI		mg/l			Lead	Soil	ATL
7/12/2002	surface	566-288-0	4. TCLP	31	mg/l	0.2	7/25/2002	Lead	Soil	ATL
	surface	566-288-0	5. PH						Soil	ATL
7/12/2002	.3 m	566-288-1	1. TTLC	46	mg/kg	5	7/17/2002	Lead	Soil	ATL
	.3 m	566-288-1	2. STLC		mg/l			Lead	Soil	ATL
	.3 m	566-288-1	3. STLC-DI		mg/l			Lead	Soil	ATL
	.3 m	566-288-1	4. TCLP		mg/l			Lead	Soil	ATL
	.3 m	566-288-1	5. PH						Soil	ATL
7/12/2002	.6 m	566-288-2	1. TTLC	1100	mg/kg	5	7/17/2002	Lead	Soil	ATL
	.6 m	566-288-2	2. STLC		mg/l			Lead	Soil	ATL
	.6 m	566-288-2	3. STLC-DI		mg/l			Lead	Soil	ATL
7/12/2002	.6 m	566-288-2	4. TCLP	2.6	mg/l	0.2	7/25/2002	Lead	Soil	ATL
	.6 m	566-288-2	5. PH						Soil	ATL
7/12/2002	.9 m	566-288-3	1. TTLC	28	mg/kg	5	7/17/2002	Lead	Soil	ATL
	.9 m	566-288-3	2. STLC		mg/l			Lead	Soil	ATL
	.9 m	566-288-3	3. STLC-DI		mg/l			Lead	Soil	ATL
	.9 m	566-288-3	4. TCLP		mg/l			Lead	Soil	ATL
	.9 m	566-288-3	5. PH						Soil	ATL
7/12/2002	surface	566-289-0	1. TTLC	460	mg/kg	5	7/17/2002	Lead	Soil	ATL
7/12/2002	surface	566-289-0	2. STLC	87	mg/l	2	7/25/2002	Lead	Soil	ATL
7/12/2002	surface	566-289-0	3. STLC-DI	4	mg/l	0.2	7/28/2002	Lead	Soil	ATL
	surface	566-289-0	4. TCLP		mg/l			Lead	Soil	ATL
	surface	566-289-0	5. PH						Soil	ATL
7/12/2002	.3 m	566-289-1	1. TTLC	1300	mg/kg	5	7/17/2002	Lead	Soil	ATL
	.3 m	566-289-1	2. STLC		mg/l			Lead	Soil	ATL
	.3 m	566-289-1	3. STLC-DI		mg/l			Lead	Soil	ATL
7/12/2002	.3 m	566-289-1	4. TCLP	32	mg/l	0.2	7/25/2002	Lead	Soil	ATL
	.3 m	566-289-1	5. PH						Soil	ATL
7/12/2002	.6 m	566-289-2	1. TTLC	89	mg/kg	5	7/17/2002	Lead	Soil	ATL
7/12/2002	.6 m	566-289-2	2. STLC	4	mg/l	0.2	7/25/2002	Lead	Soil	ATL
	.6 m	566-289-2	3. STLC-DI		mg/l			Lead	Soil	ATL
	.6 m	566-289-2	4. TCLP		mg/l			Lead	Soil	ATL
	.6 m	566-289-2	5. PH						Soil	ATL
	.9 m	566-289-3	1. TTLC		mg/kg			Lead	Soil	ATL
	.9 m	566-289-3	2. STLC		mg/l			Lead	Soil	ATL
	.9 m	566-289-3	3. STLC-DI		mg/l			Lead	Soil	ATL
	.9 m	566-289-3	4. TCLP		mg/l			Lead	Soil	ATL
	.9 m	566-289-3	5. PH						Soil	ATL
7/12/2002	surface	566-290-0	1. TTLC	610	mg/kg	5	7/17/2002	Lead	Soil	ATL

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7/12/2002	surface	566-290-0	2. STLC	84	mg/l	2	7/25/2002	Lead	Soil	ATL
7/12/2002	surface	566-290-0	3. STLC-DI	0.69	mg/l	0.2	7/28/2002	Lead	Soil	ATL
	surface	566-290-0	4. TCLP		mg/l			Lead	Soil	ATL
	surface	566-290-0	5. PH						Soil	ATL
7/12/2002	.3 m	566-290-1	1. TTLC	78	mg/kg	5	7/17/2002	Lead	Soil	ATL
7/12/2002	.3 m	566-290-1	2. STLC	0.49	mg/l	0.2	7/25/2002	Lead	Soil	ATL
	.3 m	566-290-1	3. STLC-DI		mg/l			Lead	Soil	ATL
	.3 m	566-290-1	4. TCLP		mg/l			Lead	Soil	ATL
7/12/2002	.3 m	566-290-1	5. PH	8.85			7/18/2002		Soil	ATL
7/12/2002	.6 m	566-290-2	1. TTLC	88	mg/kg	5	7/17/2002	Lead	Soil	ATL
7/12/2002	.6 m	566-290-2	2. STLC	3.3	mg/l	0.2	7/25/2002	Lead	Soil	ATL
	.6 m	566-290-2	3. STLC-DI		mg/l			Lead	Soil	ATL
	.6 m	566-290-2	4. TCLP		mg/l			Lead	Soil	ATL
	.6 m	566-290-2	5. PH						Soil	ATL
	.9 m	566-290-3	1. TTLC		mg/kg			Lead	Soil	ATL
	.9 m	566-290-3	2. STLC		mg/l			Lead	Soil	ATL
	.9 m	566-290-3	3. STLC-DI		mg/l			Lead	Soil	ATL
	.9 m	566-290-3	4. TCLP		mg/l			Lead	Soil	ATL
	.9 m	566-290-3	5. PH						Soil	ATL
7/12/2002	surface	566-291-0	1. TTLC	64	mg/kg	5	7/17/2002	Lead	Soil	ATL
7/12/2002	surface	566-291-0	2. STLC	6	mg/l	0.2	7/25/2002	Lead	Soil	ATL
7/12/2002	surface	566-291-0	3. STLC-DI	ND	mg/l	0.2	7/28/2002	Lead	Soil	ATL
	surface	566-291-0	4. TCLP		mg/l			Lead	Soil	ATL
	surface	566-291-0	5. PH						Soil	ATL
7/12/2002	.3 m	566-291-1	1. TTLC	13	mg/kg	5	7/17/2002	Lead	Soil	ATL
	.3 m	566-291-1	2. STLC		mg/l			Lead	Soil	ATL
	.3 m	566-291-1	3. STLC-DI		mg/l			Lead	Soil	ATL
	.3 m	566-291-1	4. TCLP		mg/l			Lead	Soil	ATL
7/12/2002	.3 m	566-291-1	5. PH						Soil	ATL
	.6 m	566-291-2	1. TTLC	7.8	mg/kg	5	7/17/2002	Lead	Soil	ATL
	.6 m	566-291-2	2. STLC		mg/l			Lead	Soil	ATL
	.6 m	566-291-2	3. STLC-DI		mg/l			Lead	Soil	ATL
	.6 m	566-291-2	4. TCLP		mg/l			Lead	Soil	ATL
	.6 m	566-291-2	5. PH						Soil	ATL
	.9 m	566-291-3	1. TTLC		mg/kg			Lead	Soil	ATL
	.9 m	566-291-3	2. STLC		mg/l			Lead	Soil	ATL
	.9 m	566-291-3	3. STLC-DI		mg/l			Lead	Soil	ATL
	.9 m	566-291-3	4. TCLP		mg/l			Lead	Soil	ATL
	.9 m	566-291-3	5. PH						Soil	ATL
7/12/2002	surface	566-292-0	1. TTLC	120	mg/kg	5	7/17/2002	Lead	Soil	ATL
7/12/2002	surface	566-292-0	2. STLC	9	mg/l	0.2	7/25/2002	Lead	Soil	ATL
7/12/2002	surface	566-292-0	3. STLC-DI	ND	mg/l	0.2	7/28/2002	Lead	Soil	ATL
	surface	566-292-0	4. TCLP		mg/l			Lead	Soil	ATL
	surface	566-292-0	5. PH						Soil	ATL
7/12/2002	.3 m	566-292-1	1. TTLC	290	mg/kg	5	7/17/2002	Lead	Soil	ATL
7/12/2002	.3 m	566-292-1	2. STLC	22	mg/l	0.8	7/25/2002	Lead	Soil	ATL
7/12/2002	.3 m	566-292-1	3. STLC-DI	ND	mg/l	0.2	7/28/2002	Lead	Soil	ATL
	.3 m	566-292-1	4. TCLP		mg/l			Lead	Soil	ATL
	.3 m	566-292-1	5. PH						Soil	ATL
7/12/2002	.6 m	566-292-2	1. TTLC	130	mg/kg	5	7/17/2002	Lead	Soil	ATL
7/12/2002	.6 m	566-292-2	2. STLC	8.1	mg/l	0.2	7/25/2002	Lead	Soil	ATL
7/12/2002	.6 m	566-292-2	3. STLC-DI	ND	mg/l	0.2	7/28/2002	Lead	Soil	ATL
	.6 m	566-292-2	4. TCLP		mg/l			Lead	Soil	ATL
	.6 m	566-292-2	5. PH						Soil	ATL
	.9 m	566-292-3	1. TTLC		mg/kg			Lead	Soil	ATL
	.9 m	566-292-3	2. STLC		mg/l			Lead	Soil	ATL
	.9 m	566-292-3	3. STLC-DI		mg/l			Lead	Soil	ATL
	.9 m	566-292-3	4. TCLP		mg/l			Lead	Soil	ATL
	.9 m	566-292-3	5. PH						Soil	ATL
7/12/2002	surface	566-293-0	1. TTLC	670	mg/kg	5	7/17/2002	Lead	Soil	ATL
7/12/2002	surface	566-293-0	2. STLC	61	mg/l	2	7/25/2002	Lead	Soil	ATL

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7/12/2002	surface	566-293-0	3. STLC-DI	0.82	mg/l	0.2	7/28/2002	Lead	Soil	ATL
	surface	566-293-0	4. TCLP		mg/l			Lead	Soil	ATL
	surface	566-293-0	5. PH					Lead	Soil	ATL
7/12/2002	.3 m	566-293-1	1. TTLC	930	mg/kg	5	7/17/2002	Lead	Soil	ATL
7/12/2002	.3 m	566-293-1	2. STLC	88	mg/l	2	7/25/2002	Lead	Soil	ATL
7/12/2002	.3 m	566-293-1	3. STLC-DI	2.2	mg/l	0.2	7/28/2002	Lead	Soil	ATL
	.3 m	566-293-1	4. TCLP		mg/l			Lead	Soil	ATL
	.3 m	566-293-1	5. PH					Lead	Soil	ATL
7/12/2002	.6 m	566-293-2	1. TTLC	1500	mg/kg	5	7/17/2002	Lead	Soil	ATL
	.6 m	566-293-2	2. STLC		mg/l			Lead	Soil	ATL
	.6 m	566-293-2	3. STLC-DI		mg/l			Lead	Soil	ATL
7/12/2002	.6 m	566-293-2	4. TCLP	23	mg/l	0.2	7/25/2002	Lead	Soil	ATL
7/12/2002	.6 m	566-293-2	5. PH	8.27		0.1	7/18/2002		Soil	ATL
	.9 m	566-293-3	1. TTLC		mg/kg			Lead	Soil	ATL
	.9 m	566-293-3	2. STLC		mg/l			Lead	Soil	ATL
	.9 m	566-293-3	3. STLC-DI		mg/l			Lead	Soil	ATL
	.9 m	566-293-3	4. TCLP		mg/l			Lead	Soil	ATL
	.9 m	566-293-3	5. PH					Lead	Soil	ATL
7/12/2002	surface	566-294-0	1. TTLC	170	mg/kg	5	7/17/2002	Lead	Soil	ATL
7/12/2002	surface	566-294-0	2. STLC	22	mg/l	0.8	7/25/2002	Lead	Soil	ATL
7/12/2002	surface	566-294-0	3. STLC-DI	1.2	mg/l	0.2	7/28/2002	Lead	Soil	ATL
	surface	566-294-0	4. TCLP		mg/l			Lead	Soil	ATL
	surface	566-294-0	5. PH					Lead	Soil	ATL
7/12/2002	.3 m	566-294-1	1. TTLC	250	mg/kg	5	7/17/2002	Lead	Soil	ATL
7/12/2002	.3 m	566-294-1	2. STLC	26	mg/l	0.8	7/25/2002	Lead	Soil	ATL
7/12/2002	.3 m	566-294-1	3. STLC-DI	0.86	mg/l	0.2	7/28/2002	Lead	Soil	ATL
	.3 m	566-294-1	4. TCLP		mg/l			Lead	Soil	ATL
	.3 m	566-294-1	5. PH					Lead	Soil	ATL
7/12/2002	.6 m	566-294-2	1. TTLC	320	mg/kg	5	7/17/2002	Lead	Soil	ATL
7/12/2002	.6 m	566-294-2	2. STLC	16	mg/l	0.4	7/25/2002	Lead	Soil	ATL
7/12/2002	.6 m	566-294-2	3. STLC-DI	0.68	mg/l	0.2	7/28/2002	Lead	Soil	ATL
	.6 m	566-294-2	4. TCLP		mg/l			Lead	Soil	ATL
	.6 m	566-294-2	5. PH					Lead	Soil	ATL
7/12/2002	.9 m	566-294-3	1. TTLC	120	mg/kg	5	7/17/2002	Lead	Soil	ATL
7/12/2002	.9 m	566-294-3	2. STLC	9.1	mg/l	0.2	7/25/2002	Lead	Soil	ATL
7/12/2002	.9 m	566-294-3	3. STLC-DI	ND	mg/l	0.2	7/28/2002	Lead	Soil	ATL
	.9 m	566-294-3	4. TCLP		mg/l			Lead	Soil	ATL
	.9 m	566-294-3	5. PH					Lead	Soil	ATL
7/12/2002	surface	566-295-0	1. TTLC	930	mg/kg	5	7/17/2002	Lead	Soil	ATL
7/12/2002	surface	566-295-0	2. STLC	130	mg/l	4	7/25/2002	Lead	Soil	ATL
7/12/2002	surface	566-295-0	3. STLC-DI	0.92	mg/l	0.2	7/28/2002	Lead	Soil	ATL
	surface	566-295-0	4. TCLP		mg/l			Lead	Soil	ATL
	surface	566-295-0	5. PH					Lead	Soil	ATL
7/12/2002	.3 m	566-295-1	1. TTLC	1200	mg/kg	5	7/17/2002	Lead	Soil	ATL
	.3 m	566-295-1	2. STLC		mg/l			Lead	Soil	ATL
	.3 m	566-295-1	3. STLC-DI		mg/l			Lead	Soil	ATL
7/12/2002	.3 m	566-295-1	4. TCLP	18	mg/l	0.2	7/25/2002	Lead	Soil	ATL
	.3 m	566-295-1	5. PH					Lead	Soil	ATL
7/12/2002	.6 m	566-295-2	1. TTLC	270	mg/kg	5	7/17/2002	Lead	Soil	ATL
7/12/2002	.6 m	566-295-2	2. STLC	18	mg/l	0.4	7/25/2002	Lead	Soil	ATL
7/12/2002	.6 m	566-295-2	3. STLC-DI	0.63	mg/l	0.2	7/28/2002	Lead	Soil	ATL
	.6 m	566-295-2	4. TCLP		mg/l			Lead	Soil	ATL
	.6 m	566-295-2	5. PH					Lead	Soil	ATL
	.9 m	566-295-3	1. TTLC		mg/kg			Lead	Soil	ATL
	.9 m	566-295-3	2. STLC		mg/l			Lead	Soil	ATL
	.9 m	566-295-3	3. STLC-DI		mg/l			Lead	Soil	ATL
	.9 m	566-295-3	4. TCLP		mg/l			Lead	Soil	ATL
	.9 m	566-295-3	5. PH					Lead	Soil	ATL
7/12/2002	surface	566-296-0	1. TTLC	1300	mg/kg	5	7/17/2002	Lead	Soil	ATL
	surface	566-296-0	2. STLC		mg/l			Lead	Soil	ATL
	surface	566-296-0	3. STLC-DI		mg/l			Lead	Soil	ATL

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	surface	566-296-0	4. TCLP	38	mg/l	0.2	7/25/2002	Lead	Soil	ATL
	surface	566-296-0	5. PH						Soil	ATL
7/12/2002	.3 m	566-296-1	1. TTLC	1600	mg/kg	5	7/17/2002	Lead	Soil	ATL
	.3 m	566-296-1	2. STLC		mg/l			Lead	Soil	ATL
	.3 m	566-296-1	3. STLC-DI		mg/l			Lead	Soil	ATL
7/12/2002	.3 m	566-296-1	4. TCLP	28	mg/l	0.2	7/25/2002	Lead	Soil	ATL
	.3 m	566-296-1	5. PH					Lead	Soil	ATL
7/12/2002	.6 m	566-296-2	1. TTLC	180	mg/kg	5	7/17/2002	Lead	Soil	ATL
7/12/2002	.6 m	566-296-2	2. STLC	24	mg/l	0.8	7/25/2002	Lead	Soil	ATL
7/12/2002	.6 m	566-296-2	3. STLC-DI	1.5	mg/l	0.2	7/28/2002	Lead	Soil	ATL
	.6 m	566-296-2	4. TCLP		mg/l			Lead	Soil	ATL
	.6 m	566-296-2	5. PH	8.59		1	7/18/2002		Soil	ATL
7/12/2002	.9 m	566-296-3	1. TTLC	82	mg/kg	5	7/17/2002	Lead	Soil	ATL
7/12/2002	.9 m	566-296-3	2. STLC	4.4	mg/l	0.2	7/25/2002	Lead	Soil	ATL
	.9 m	566-296-3	3. STLC-DI		mg/l			Lead	Soil	ATL
	.9 m	566-296-3	4. TCLP		mg/l			Lead	Soil	ATL
	.9 m	566-296-3	5. PH					Lead	Soil	ATL
7/12/2002	surface	566-297-0	1. TTLC	1700	mg/kg	5	7/17/2002	Lead	Soil	ATL
	surface	566-297-0	2. STLC		mg/l			Lead	Soil	ATL
	surface	566-297-0	3. STLC-DI		mg/l			Lead	Soil	ATL
7/12/2002	surface	566-297-0	4. TCLP	26	mg/l	0.2	7/25/2002	Lead	Soil	ATL
	surface	566-297-0	5. PH					Lead	Soil	ATL
7/12/2002	.3 m	566-297-1	1. TTLC	670	mg/kg	5	7/17/2002	Lead	Soil	ATL
7/12/2002	.3 m	566-297-1	2. STLC	58	mg/l	2	7/25/2002	Lead	Soil	ATL
7/12/2002	.3 m	566-297-1	3. STLC-DI	2.8	mg/l	0.2	7/28/2002	Lead	Soil	ATL
	.3 m	566-297-1	4. TCLP		mg/l			Lead	Soil	ATL
	.3 m	566-297-1	5. PH					Lead	Soil	ATL
7/12/2002	.6 m	566-297-2	1. TTLC	2200	mg/kg	5	7/17/2002	Lead	Soil	ATL
	.6 m	566-297-2	2. STLC		mg/l			Lead	Soil	ATL
	.6 m	566-297-2	3. STLC-DI		mg/l			Lead	Soil	ATL
7/12/2002	.6 m	566-297-2	4. TCLP	150	mg/l	0.2	7/25/2002	Lead	Soil	ATL
7/12/2002	.6 m	566-297-2	5. PH	1					Soil	ATL
7/12/2002	.9 m	566-297-3	1. TTLC	1100	mg/kg	5	7/17/2002	Lead	Soil	ATL
	.9 m	566-297-3	2. STLC		mg/l			Lead	Soil	ATL
	.9 m	566-297-3	3. STLC-DI		mg/l			Lead	Soil	ATL
7/12/2002	.9 m	566-297-3	4. TCLP	37	mg/l	0.2	7/25/2002	Lead	Soil	ATL
	.9 m	566-297-3	5. PH						Soil	ATL
7/12/2002	surface	566-298-0	1. TTLC	1900	mg/kg	5	7/17/2002	Lead	Soil	ATL
	surface	566-298-0	2. STLC		mg/l			Lead	Soil	ATL
	surface	566-298-0	3. STLC-DI		mg/l			Lead	Soil	ATL
7/12/2002	surface	566-298-0	4. TCLP	33	mg/l	0.2	7/25/2002	Lead	Soil	ATL
	surface	566-298-0	5. PH						Soil	ATL
7/12/2002	.3 m	566-298-1	1. TTLC	1200	mg/kg	5	7/17/2002	Lead	Soil	ATL
	.3 m	566-298-1	2. STLC		mg/l			Lead	Soil	ATL
	.3 m	566-298-1	3. STLC-DI		mg/l			Lead	Soil	ATL
7/12/2002	.3 m	566-298-1	4. TCLP	29	mg/l	0.2	7/25/2002	Lead	Soil	ATL
	.3 m	566-298-1	5. PH						Soil	ATL
7/12/2002	.6 m	566-298-2	1. TTLC	400	mg/kg	5	7/17/2002	Lead	Soil	ATL
7/12/2002	.6 m	566-298-2	2. STLC	32	mg/l	0.8	7/25/2002	Lead	Soil	ATL
7/12/2002	.6 m	566-298-2	3. STLC-DI	0.52	mg/l	0.2	7/28/2002	Lead	Soil	ATL
	.6 m	566-298-2	4. TCLP		mg/l			Lead	Soil	ATL
	.6 m	566-298-2	5. PH						Soil	ATL
	.9 m	566-298-3	1. TTLC		mg/kg			Lead	Soil	ATL
	.9 m	566-298-3	2. STLC		mg/l			Lead	Soil	ATL
	.9 m	566-298-3	3. STLC-DI		mg/l			Lead	Soil	ATL
	.9 m	566-298-3	4. TCLP		mg/l			Lead	Soil	ATL
	.9 m	566-298-3	5. PH						Soil	ATL
7/12/2002	surface	566-299-0	1. TTLC	1400	mg/kg	5	7/17/2002	Lead	Soil	ATL
	surface	566-299-0	2. STLC		mg/l			Lead	Soil	ATL
	surface	566-299-0	3. STLC-DI		mg/l			Lead	Soil	ATL
7/12/2002	surface	566-299-0	4. TCLP	12	mg/l	0.2	7/25/2002	Lead	Soil	ATL

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	surface	566-299-0	5. PH						Soil	ATL
7/12/2002	.3 m	566-299-1	1. TTLC	26	mg/kg	5	7/17/2002	Lead	Soil	ATL
	.3 m	566-299-1	2. STLC		mg/l			Lead	Soil	ATL
	.3 m	566-299-1	3. STLC-DI		mg/l			Lead	Soil	ATL
	.3 m	566-299-1	4. TCLP		mg/l			Lead	Soil	ATL
7/12/2002	.3 m	566-299-1	5. PH	8.48		0.1	7/19/2002		Soil	ATL
	.6 m	566-299-2	1. TTLC	5.1	mg/kg	5	7/17/2002	Lead	Soil	ATL
	.6 m	566-299-2	2. STLC		mg/l			Lead	Soil	ATL
	.6 m	566-299-2	3. STLC-DI		mg/l			Lead	Soil	ATL
	.6 m	566-299-2	4. TCLP		mg/l			Lead	Soil	ATL
	.6 m	566-299-2	5. PH						Soil	ATL
7/12/2002	.9 m	566-299-3	1. TTLC	39	mg/kg	5	7/17/2002	Lead	Soil	ATL
	.9 m	566-299-3	2. STLC		mg/l			Lead	Soil	ATL
	.9 m	566-299-3	3. STLC-DI		mg/l			Lead	Soil	ATL
	.9 m	566-299-3	4. TCLP		mg/l			Lead	Soil	ATL
	.9 m	566-299-3	5. PH						Soil	ATL
7/12/2002	surface	566-300-0	1. TTLC	4000	mg/kg	5	7/17/2002	Lead	Soil	ATL
	surface	566-300-0	2. STLC		mg/l			Lead	Soil	ATL
	surface	566-300-0	3. STLC-DI		mg/l			Lead	Soil	ATL
7/12/2002	surface	566-300-0	4. TCLP	36	mg/l	0.2	7/25/2002	Lead	Soil	ATL
	surface	566-300-0	5. PH						Soil	ATL
7/12/2002	.3 m	566-300-1	1. TTLC	1800	mg/kg	5	7/17/2002	Lead	Soil	ATL
	.3 m	566-300-1	2. STLC		mg/l			Lead	Soil	ATL
	.3 m	566-300-1	3. STLC-DI		mg/l			Lead	Soil	ATL
7/12/2002	.3 m	566-300-1	4. TCLP	31	mg/l	0.2	7/25/2002	Lead	Soil	ATL
	.3 m	566-300-1	5. PH						Soil	ATL
7/12/2002	.6 m	566-300-2	1. TTLC	950	mg/kg	5	7/17/2002	Lead	Soil	ATL
7/12/2002	.6 m	566-300-2	2. STLC	64	mg/l	2	7/25/2002	Lead	Soil	ATL
7/12/2002	.6 m	566-300-2	3. STLC-DI	1.5	mg/l	0.2	7/28/2002	Lead	Soil	ATL
	.6 m	566-300-2	4. TCLP		mg/l			Lead	Soil	ATL
	.6 m	566-300-2	5. PH						Soil	ATL
7/12/2002	.9 m	566-300-3	1. TTLC	970	mg/kg	5	7/17/2002	Lead	Soil	ATL
7/12/2002	.9 m	566-300-3	2. STLC	71	mg/l	2	7/25/2002	Lead	Soil	ATL
7/12/2002	.9 m	566-300-3	3. STLC-DI	1.7	mg/l	0.2	7/28/2002	Lead	Soil	ATL
	.9 m	566-300-3	4. TCLP		mg/l			Lead	Soil	ATL
	.9 m	566-300-3	5. PH						Soil	ATL
7/12/2002	surface	566-301-0	1. TTLC	990	mg/kg	5	7/17/2002	Lead	Soil	ATL
7/12/2002	surface	566-301-0	2. STLC	140	mg/l	4	7/25/2002	Lead	Soil	ATL
7/12/2002	surface	566-301-0	3. STLC-DI	1.1	mg/l	0.2	7/28/2002	Lead	Soil	ATL
	surface	566-301-0	4. TCLP		mg/l			Lead	Soil	ATL
	surface	566-301-0	5. PH						Soil	ATL
7/12/2002	.3 m	566-301-1	1. TTLC	1600	mg/kg	5	7/17/2002	Lead	Soil	ATL
	.3 m	566-301-1	2. STLC		mg/l			Lead	Soil	ATL
	.3 m	566-301-1	3. STLC-DI		mg/l			Lead	Soil	ATL
7/12/2002	.3 m	566-301-1	4. TCLP	33	mg/l	0.2	7/25/2002	Lead	Soil	ATL
	.3 m	566-301-1	5. PH						Soil	ATL
7/12/2002	.6 m	566-301-2	1. TTLC	360	mg/kg	5	7/17/2002	Lead	Soil	ATL
7/12/2002	.6 m	566-301-2	2. STLC	43	mg/l	2	7/25/2002	Lead	Soil	ATL
7/12/2002	.6 m	566-301-2	3. STLC-DI	2.3	mg/l	0.2	7/28/2002	Lead	Soil	ATL
	.6 m	566-301-2	4. TCLP		mg/l			Lead	Soil	ATL
	.6 m	566-301-2	5. PH						Soil	ATL
7/12/2002	.9 m	566-301-3	1. TTLC	950	mg/kg	5	7/17/2002	Lead	Soil	ATL
7/12/2002	.9 m	566-301-3	2. STLC	26	mg/l	0.8	7/25/2002	Lead	Soil	ATL
7/12/2002	.9 m	566-301-3	3. STLC-DI	2.3	mg/l	0.2	7/28/2002	Lead	Soil	ATL
	.9 m	566-301-3	4. TCLP		mg/l			Lead	Soil	ATL
7/12/2002	.9 m	566-301-3	5. PH	8.03		0.1	7/18/2002		Soil	ATL
7/12/2002	surface	566-302-0	1. TTLC	2100	mg/kg	5	7/17/2002	Lead	Soil	ATL
	surface	566-302-0	2. STLC		mg/l			Lead	Soil	ATL
	surface	566-302-0	3. STLC-DI		mg/l			Lead	Soil	ATL
7/12/2002	surface	566-302-0	4. TCLP	23	mg/l	0.2	7/25/2002	Lead	Soil	ATL
	surface	566-302-0	5. PH						Soil	ATL

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7/12/2002	.3 m	566-302-1	1. TTLC	2300	mg/kg	5	7/17/2002	Lead	Soil	ATL
	.3 m	566-302-1	2. STLC		mg/l			Lead	Soil	ATL
	.3 m	566-302-1	3. STLC-DI		mg/l			Lead	Soil	ATL
7/12/2002	.3 m	566-302-1	4. TCLP	25	mg/l	0.2	7/25/2002	Lead	Soil	ATL
	.3 m	566-302-1	5. PH						Soil	ATL
	.6 m	566-302-2	1. TTLC		mg/kg			Lead	Soil	ATL
	.6 m	566-302-2	2. STLC		mg/l			Lead	Soil	ATL
	.6 m	566-302-2	3. STLC-DI		mg/l			Lead	Soil	ATL
	.6 m	566-302-2	4. TCLP		mg/l			Lead	Soil	ATL
	.6 m	566-302-2	5. PH						Soil	ATL
	.9 m	566-302-3	1. TTLC		mg/kg			Lead	Soil	ATL
	.9 m	566-302-3	2. STLC		mg/l			Lead	Soil	ATL
	.9 m	566-302-3	3. STLC-DI		mg/l			Lead	Soil	ATL
	.9 m	566-302-3	4. TCLP		mg/l			Lead	Soil	ATL
	.9 m	566-302-3	5. PH						Soil	ATL
7/12/2002	surface	566-303-0	1. TTLC	500	mg/kg	5	7/17/2002	Lead	Soil	ATL
7/12/2002	surface	566-303-0	2. STLC	33	mg/l	0.8	7/25/2002	Lead	Soil	ATL
7/12/2002	surface	566-303-0	3. STLC-DI	0.43	mg/l	0.2	7/28/2002	Lead	Soil	ATL
	surface	566-303-0	4. TCLP		mg/l			Lead	Soil	ATL
	surface	566-303-0	5. PH						Soil	ATL
7/12/2002	.3 m	566-303-1	1. TTLC	730	mg/kg	5	7/17/2002	Lead	Soil	ATL
7/12/2002	.3 m	566-303-1	2. STLC	44	mg/l	2	7/25/2002	Lead	Soil	ATL
7/12/2002	.3 m	566-303-1	3. STLC-DI	1.1	mg/l	0.2	7/28/2002	Lead	Soil	ATL
	.3 m	566-303-1	4. TCLP		mg/l			Lead	Soil	ATL
	.3 m	566-303-1	5. PH						Soil	ATL
7/12/2002	.6 m	566-303-2	1. TTLC	20	mg/kg	5	7/17/2002	Lead	Soil	ATL
	.6 m	566-303-2	2. STLC		mg/l			Lead	Soil	ATL
	.6 m	566-303-2	3. STLC-DI		mg/l			Lead	Soil	ATL
	.6 m	566-303-2	4. TCLP		mg/l			Lead	Soil	ATL
	.6 m	566-303-2	5. PH						Soil	ATL
7/12/2002	.9 m	566-303-3	1. TTLC	200	mg/kg	5	7/17/2002	Lead	Soil	ATL
7/12/2002	.9 m	566-303-3	2. STLC	7.2	mg/l	0.2	7/25/2002	Lead	Soil	ATL
7/12/2002	.9 m	566-303-3	3. STLC-DI	ND	mg/l	0.2	7/28/2002	Lead	Soil	ATL
	.9 m	566-303-3	4. TCLP		mg/l			Lead	Soil	ATL
	.9 m	566-303-3	5. PH						Soil	ATL
7/12/2002	surface	566-304-0	1. TTLC	2400	mg/kg	5	7/17/2002	Lead	Soil	ATL
	surface	566-304-0	2. STLC		mg/l			Lead	Soil	ATL
	surface	566-304-0	3. STLC-DI		mg/l			Lead	Soil	ATL
7/12/2002	surface	566-304-0	4. TCLP	ND	mg/l	0.2	7/25/2002	Lead	Soil	ATL
	surface	566-304-0	5. PH						Soil	ATL
7/12/2002	.3 m	566-304-1	1. TTLC	720	mg/kg	5	7/17/2002	Lead	Soil	ATL
7/12/2002	.3 m	566-304-1	2. STLC	71	mg/l	2	7/25/2002	Lead	Soil	ATL
7/12/2002	.3 m	566-304-1	3. STLC-DI	1	mg/l	0.2	7/28/2002	Lead	Soil	ATL
	.3 m	566-304-1	4. TCLP		mg/l			Lead	Soil	ATL
	.3 m	566-304-1	5. PH						Soil	ATL
7/12/2002	.6 m	566-304-2	1. TTLC	810	mg/kg	5	7/17/2002	Lead	Soil	ATL
7/12/2002	.6 m	566-304-2	2. STLC	55	mg/l	2	7/25/2002	Lead	Soil	ATL
7/12/2002	.6 m	566-304-2	3. STLC-DI	0.65	mg/l	0.2	7/28/2002	Lead	Soil	ATL
	.6 m	566-304-2	4. TCLP		mg/l			Lead	Soil	ATL
	.6 m	566-304-2	5. PH						Soil	ATL
	.9 m	566-304-3	1. TTLC		mg/kg			Lead	Soil	ATL
	.9 m	566-304-3	2. STLC		mg/l			Lead	Soil	ATL
	.9 m	566-304-3	3. STLC-DI		mg/l			Lead	Soil	ATL
	.9 m	566-304-3	4. TCLP		mg/l			Lead	Soil	ATL
	.9 m	566-304-3	5. PH						Soil	ATL
7/12/2002	surface	566-305-0	1. TTLC	1100	mg/kg	5	7/17/2002	Lead	Soil	ATL
7/12/2002	surface	566-305-0	2. STLC	16	mg/l	0.4	7/25/2002	Lead	Soil	ATL
7/12/2002	surface	566-305-0	3. STLC-DI	0.85	mg/l	0.2	7/28/2002	Lead	Soil	ATL
7/12/2002	surface	566-305-0	4. TCLP	ND	mg/l	0.2	7/25/2002	Lead	Soil	ATL
7/12/2002	surface	566-305-0	5. PH	6.9		0.1	7/18/2002		Soil	ATL
7/12/2002	.3 m	566-305-1	1. TTLC	280	mg/kg	5	7/17/2002	Lead	Soil	ATL

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7/12/2002	.3 m	566-305-1	2. STLC	16	mg/l	0.4	7/25/2002	Lead	Soil	ATL
7/12/2002	.3 m	566-305-1	3. STLC-DI	0.85	mg/l	0.2	7/26/2002	Lead	Soil	ATL
	.3 m	566-305-1	4. TCLP		mg/l			Lead	Soil	ATL
	.3 m	566-305-1	5. PH						Soil	ATL
7/12/2002	.6 m	566-305-2	1. TTLC	800	mg/kg	5	7/17/2002	Lead	Soil	ATL
7/12/2002	.6 m	566-305-2	2. STLC	60	mg/l	2	7/25/2002	Lead	Soil	ATL
7/12/2002	.6 m	566-305-2	3. STLC-DI	2.8	mg/l	0.2	7/26/2002	Lead	Soil	ATL
	.6 m	566-305-2	4. TCLP		mg/l			Lead	Soil	ATL
	.6 m	566-305-2	5. PH						Soil	ATL
	.9 m	566-305-3	1. TTLC		mg/kg			Lead	Soil	ATL
	.9 m	566-305-3	2. STLC		mg/l			Lead	Soil	ATL
	.9 m	566-305-3	3. STLC-DI		mg/l			Lead	Soil	ATL
	.9 m	566-305-3	4. TCLP		mg/l			Lead	Soil	ATL
	.9 m	566-305-3	5. PH						Soil	ATL
7/15/2002	surface	566-306-0	1. TTLC	840	mg/kg	5	7/18/2002	Lead	Soil	ATL
7/15/2002	surface	566-306-0	2. STLC	95	mg/l	2	7/26/2002	Lead	Soil	ATL
7/15/2002	surface	566-306-0	3. STLC-DI	1.8	mg/l	0.2	7/26/2002	Lead	Soil	ATL
	surface	566-306-0	4. TCLP		mg/l			Lead	Soil	ATL
	surface	566-306-0	5. PH						Soil	ATL
7/15/2002	.3 m	566-306-1	1. TTLC	450	mg/kg	5	7/18/2002	Lead	Soil	ATL
7/15/2002	.3 m	566-306-1	2. STLC	49	mg/l	2	7/26/2002	Lead	Soil	ATL
7/15/2002	.3 m	566-306-1	3. STLC-DI	0.88	mg/l	0.2	7/26/2002	Lead	Soil	ATL
	.3 m	566-306-1	4. TCLP		mg/l			Lead	Soil	ATL
	.3 m	566-306-1	5. PH						Soil	ATL
	.6 m	566-306-2	1. TTLC		mg/kg			Lead	Soil	ATL
	.6 m	566-306-2	2. STLC		mg/l			Lead	Soil	ATL
	.6 m	566-306-2	3. STLC-DI		mg/l			Lead	Soil	ATL
	.6 m	566-306-2	4. TCLP		mg/l			Lead	Soil	ATL
	.6 m	566-306-2	5. PH						Soil	ATL
	.9 m	566-306-3	1. TTLC		mg/kg			Lead	Soil	ATL
	.9 m	566-306-3	2. STLC		mg/l			Lead	Soil	ATL
	.9 m	566-306-3	3. STLC-DI		mg/l			Lead	Soil	ATL
	.9 m	566-306-3	4. TCLP		mg/l			Lead	Soil	ATL
	.9 m	566-306-3	5. PH						Soil	ATL
7/15/2002	surface	566-307-0	1. TTLC	1200	mg/kg	5	7/19/2002	Lead	Soil	ATL
	surface	566-307-0	2. STLC		mg/l			Lead	Soil	ATL
	surface	566-307-0	3. STLC-DI		mg/l			Lead	Soil	ATL
7/15/2002	surface	566-307-0	4. TCLP	3.6	mg/l	0.2	7/26/2002	Lead	Soil	ATL
	surface	566-307-0	5. PH						Soil	ATL
7/15/2002	.3 m	566-307-1	1. TTLC	970	mg/kg	5	7/19/2002	Lead	Soil	ATL
7/15/2002	.3 m	566-307-1	2. STLC	92	mg/l	2	7/26/2002	Lead	Soil	ATL
7/15/2002	.3 m	566-307-1	3. STLC-DI	1.4	mg/l	0.2	7/26/2002	Lead	Soil	ATL
	.3 m	566-307-1	4. TCLP		mg/l			Lead	Soil	ATL
	.3 m	566-307-1	5. PH						Soil	ATL
7/15/2002	.6 m	566-307-2	1. TTLC	1100	mg/kg	5	7/19/2002	Lead	Soil	ATL
	.6 m	566-307-2	2. STLC		mg/l			Lead	Soil	ATL
	.6 m	566-307-2	3. STLC-DI		mg/l			Lead	Soil	ATL
7/15/2002	.6 m	566-307-2	4. TCLP	3.7	mg/l	0.2	7/26/2002	Lead	Soil	ATL
	.6 m	566-307-2	5. PH						Soil	ATL
	.9 m	566-307-3	1. TTLC		mg/kg			Lead	Soil	ATL
	.9 m	566-307-3	2. STLC		mg/l			Lead	Soil	ATL
	.9 m	566-307-3	3. STLC-DI		mg/l			Lead	Soil	ATL
	.9 m	566-307-3	4. TCLP		mg/l			Lead	Soil	ATL
	.9 m	566-307-3	5. PH						Soil	ATL
7/15/2002	surface	566-308-0	1. TTLC	1700	mg/kg	5	7/19/2002	Lead	Soil	ATL
	surface	566-308-0	2. STLC		mg/l			Lead	Soil	ATL
	surface	566-308-0	3. STLC-DI		mg/l			Lead	Soil	ATL
7/15/2002	surface	566-308-0	4. TCLP	8.4	mg/l	0.2	7/26/2002	Lead	Soil	ATL
	surface	566-308-0	5. PH						Soil	ATL
7/15/2002	.3 m	566-308-1	1. TTLC	140	mg/kg	5	7/19/2002	Lead	Soil	ATL
7/15/2002	.3 m	566-308-1	2. STLC	21	mg/l	0.8	7/26/2002	Lead	Soil	ATL

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7/15/2002	.3 m	566-308-1	3. STLC-DI	0.36	mg/l	0.2	7/28/2002	Lead	Soil	ATL
	.3 m	566-308-1	4. TCLP		mg/l			Lead	Soil	ATL
	.3 m	566-308-1	5. PH						Soil	ATL
7/15/2002	.6 m	566-308-2	1. TTLC	1300	mg/kg	5	7/19/2002	Lead	Soil	ATL
	.6 m	566-308-2	2. STLC		mg/l			Lead	Soil	ATL
	.6 m	566-308-2	3. STLC-DI		mg/l			Lead	Soil	ATL
7/15/2002	.6 m	566-308-2	4. TCLP	7.2	mg/l	0.2	7/26/2002	Lead	Soil	ATL
	.6 m	566-308-2	5. PH						Soil	ATL
7/15/2002	.9 m	566-308-3	1. TTLC	290	mg/kg	5	7/19/2002	Lead	Soil	ATL
7/15/2002	.9 m	566-308-3	2. STLC	35	mg/l	0.2	7/26/2002	Lead	Soil	ATL
7/15/2002	.9 m	566-308-3	3. STLC-DI	1.7	mg/l	0.2	7/28/2002	Lead	Soil	ATL
	.9 m	566-308-3	4. TCLP		mg/l			Lead	Soil	ATL
	.9 m	566-308-3	5. PH						Soil	ATL
7/15/2002	surface	566-309-0	1. TTLC	200	mg/kg	5	7/19/2002	Lead	Soil	ATL
7/15/2002	surface	566-309-0	2. STLC	43	mg/l	0.2	7/26/2002	Lead	Soil	ATL
7/15/2002	surface	566-309-0	3. STLC-DI	ND	mg/l	0.2	7/28/2002	Lead	Soil	ATL
	surface	566-309-0	4. TCLP		mg/l			Lead	Soil	ATL
7/15/2002	surface	566-309-0	5. PH	6.9		0.1	7/19/2002		Soil	ATL
7/15/2002	.3 m	566-309-1	1. TTLC	120	mg/kg	5	7/19/2002	Lead	Soil	ATL
7/15/2002	.3 m	566-309-1	2. STLC	4.9	mg/l	0.2	7/26/2002	Lead	Soil	ATL
	.3 m	566-309-1	3. STLC-DI		mg/l			Lead	Soil	ATL
	.3 m	566-309-1	4. TCLP		mg/l			Lead	Soil	ATL
	.3 m	566-309-1	5. PH						Soil	ATL
7/15/2002	.6 m	566-309-2	1. TTLC	41	mg/kg	5	7/19/2002	Lead	Soil	ATL
	.6 m	566-309-2	2. STLC		mg/l			Lead	Soil	ATL
	.6 m	566-309-2	3. STLC-DI		mg/l			Lead	Soil	ATL
	.6 m	566-309-2	4. TCLP		mg/l			Lead	Soil	ATL
	.6 m	566-309-2	5. PH						Soil	ATL
	.9 m	566-309-3	1. TTLC		mg/kg			Lead	Soil	ATL
	.9 m	566-309-3	2. STLC		mg/l			Lead	Soil	ATL
	.9 m	566-309-3	3. STLC-DI		mg/l			Lead	Soil	ATL
	.9 m	566-309-3	4. TCLP		mg/l			Lead	Soil	ATL
	.9 m	566-309-3	5. PH						Soil	ATL
7/15/2002	surface	566-310-0	1. TTLC	910	mg/kg	5	7/19/2002	Lead	Soil	ATL
7/15/2002	surface	566-310-0	2. STLC	93	mg/l	2	7/26/2002	Lead	Soil	ATL
7/15/2002	surface	566-310-0	3. STLC-DI	0.6	mg/l	0.2	7/28/2002	Lead	Soil	ATL
	surface	566-310-0	4. TCLP		mg/l			Lead	Soil	ATL
	surface	566-310-0	5. PH						Soil	ATL
7/15/2002	.3 m	566-310-1	1. TTLC	330	mg/kg	5	7/19/2002	Lead	Soil	ATL
7/15/2002	.3 m	566-310-1	2. STLC	35	mg/l	0.8	7/26/2002	Lead	Soil	ATL
7/15/2002	.3 m	566-310-1	3. STLC-DI	0.33	mg/l	0.2	7/28/2002	Lead	Soil	ATL
	.3 m	566-310-1	4. TCLP		mg/l			Lead	Soil	ATL
	.3 m	566-310-1	5. PH						Soil	ATL
7/15/2002	.6 m	566-310-2	1. TTLC	750	mg/kg	5	7/19/2002	Lead	Soil	ATL
7/15/2002	.6 m	566-310-2	2. STLC	65	mg/l	2	7/26/2002	Lead	Soil	ATL
7/15/2002	.6 m	566-310-2	3. STLC-DI	0.77	mg/l	0.2	7/28/2002	Lead	Soil	ATL
	.6 m	566-310-2	4. TCLP		mg/l			Lead	Soil	ATL
	.6 m	566-310-2	5. PH						Soil	ATL
7/15/2002	.9 m	566-310-3	1. TTLC	6	mg/kg	5	7/19/2002	Lead	Soil	ATL
	.9 m	566-310-3	2. STLC		mg/l			Lead	Soil	ATL
	.9 m	566-310-3	3. STLC-DI		mg/l			Lead	Soil	ATL
	.9 m	566-310-3	4. TCLP		mg/l			Lead	Soil	ATL
	.9 m	566-310-3	5. PH						Soil	ATL
7/15/2002	surface	566-311-0	1. TTLC	150	mg/kg	5	7/19/2002	Lead	Soil	ATL
7/15/2002	surface	566-311-0	2. STLC	13	mg/l	0.4	7/26/2002	Lead	Soil	ATL
7/15/2002	surface	566-311-0	3. STLC-DI	ND	mg/l	0.2	7/28/2002	Lead	Soil	ATL
	surface	566-311-0	4. TCLP		mg/l			Lead	Soil	ATL
	surface	566-311-0	5. PH						Soil	ATL
7/15/2002	.3 m	566-311-1	1. TTLC	1000	mg/kg	5	7/19/2002	Lead	Soil	ATL
	.3 m	566-311-1	2. STLC		mg/l			Lead	Soil	ATL
	.3 m	566-311-1	3. STLC-DI					Lead	Soil	ATL

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7/15/2002	.3 m	566-311-1	4. TCLP	3	mg/l	0.2	7/26/2002	Lead	Soil	ATL
	.3 m	566-311-1	5. PH						Soil	ATL
7/15/2002	.6 m	566-311-2	1. TTLC	2700	mg/kg	5	7/19/2002	Lead	Soil	ATL
	.6 m	566-311-2	2. STLC		mg/l			Lead	Soil	ATL
	.6 m	566-311-2	3. STLC-DI		mg/l			Lead	Soil	ATL
7/15/2002	.6 m	566-311-2	4. TCLP	5.6	mg/l	0.2	7/26/2002	Lead	Soil	ATL
	.6 m	566-311-2	5. PH						Soil	ATL
7/15/2002	.9 m	566-311-3	1. TTLC	1300	mg/kg	5	7/19/2002	Lead	Soil	ATL
	.9 m	566-311-3	2. STLC		mg/l			Lead	Soil	ATL
	.9 m	566-311-3	3. STLC-DI		mg/l			Lead	Soil	ATL
7/15/2002	.9 m	566-311-3	4. TCLP	4.7	mg/l	0.2	7/26/2002	Lead	Soil	ATL
7/15/2002	.9 m	566-311-3	5. PH	6.97		0.1	7/19/2002		Soil	ATL
7/15/2002	surface	566-312-0	1. TTLC	3300	mg/kg	5	7/19/2002	Lead	Soil	ATL
	surface	566-312-0	2. STLC		mg/l			Lead	Soil	ATL
	surface	566-312-0	3. STLC-DI		mg/l			Lead	Soil	ATL
7/15/2002	surface	566-312-0	4. TCLP	8.4	mg/l			Lead	Soil	ATL
	surface	566-312-0	5. PH						Soil	ATL
7/15/2002	.3 m	566-312-1	1. TTLC	340	mg/kg	5	7/19/2002	Lead	Soil	ATL
7/15/2002	.3 m	566-312-1	2. STLC	32	mg/l	0.8	7/26/2002	Lead	Soil	ATL
7/15/2002	.3 m	566-312-1	3. STLC-DI	0.58	mg/l	0.2	7/28/2002	Lead	Soil	ATL
	.3 m	566-312-1	4. TCLP		mg/l			Lead	Soil	ATL
	.3 m	566-312-1	5. PH						Soil	ATL
7/15/2002	.6 m	566-312-2	1. TTLC	180	mg/kg	5	7/19/2002	Lead	Soil	ATL
7/15/2002	.6 m	566-312-2	2. STLC	20	mg/l	0.4	7/26/2002	Lead	Soil	ATL
7/15/2002	.6 m	566-312-2	3. STLC-DI	0.75	mg/l	0.2	7/28/2002	Lead	Soil	ATL
	.6 m	566-312-2	4. TCLP		mg/l			Lead	Soil	ATL
	.6 m	566-312-2	5. PH						Soil	ATL
7/15/2002	.9 m	566-312-3	1. TTLC	11	mg/kg	5	7/19/2002	Lead	Soil	ATL
	.9 m	566-312-3	2. STLC		mg/l			Lead	Soil	ATL
	.9 m	566-312-3	3. STLC-DI		mg/l			Lead	Soil	ATL
	.9 m	566-312-3	4. TCLP		mg/l			Lead	Soil	ATL
	.9 m	566-312-3	5. PH						Soil	ATL
7/15/2002	surface	566-313-0	1. TTLC	530	mg/kg	5	7/19/2002	Lead	Soil	ATL
7/15/2002	surface	566-313-0	2. STLC	57	mg/l	2	7/26/2002	Lead	Soil	ATL
	surface	566-313-0	3. STLC-DI	0.78	mg/l	0.2	7/28/2002	Lead	Soil	ATL
	surface	566-313-0	4. TCLP		mg/l			Lead	Soil	ATL
	surface	566-313-0	5. PH						Soil	ATL
7/15/2002	.3 m	566-313-1	1. TTLC	410	mg/kg	5	7/19/2002	Lead	Soil	ATL
7/15/2002	.3 m	566-313-1	2. STLC	36	mg/l	0.8	7/26/2002	Lead	Soil	ATL
7/15/2002	.3 m	566-313-1	3. STLC-DI	0.95	mg/l			Lead	Soil	ATL
	.3 m	566-313-1	4. TCLP		mg/l			Lead	Soil	ATL
	.3 m	566-313-1	5. PH						Soil	ATL
7/15/2002	.6 m	566-313-2	1. TTLC	350	mg/kg	5	7/19/2002	Lead	Soil	ATL
7/15/2002	.6 m	566-313-2	2. STLC	28	mg/l	0.8	7/26/2002	Lead	Soil	ATL
7/15/2002	.6 m	566-313-2	3. STLC-DI	0.78	mg/l	0.2	7/28/2002	Lead	Soil	ATL
	.6 m	566-313-2	4. TCLP		mg/l			Lead	Soil	ATL
	.6 m	566-313-2	5. PH						Soil	ATL
	.9 m	566-313-3	1. TTLC		mg/kg			Lead	Soil	ATL
	.9 m	566-313-3	2. STLC		mg/l			Lead	Soil	ATL
	.9 m	566-313-3	3. STLC-DI		mg/l			Lead	Soil	ATL
	.9 m	566-313-3	4. TCLP		mg/l			Lead	Soil	ATL
	.9 m	566-313-3	5. PH						Soil	ATL
7/15/2002	surface	566-314-0	1. TTLC	510	mg/kg	5	7/19/2002	Lead	Soil	ATL
7/15/2002	surface	566-314-0	2. STLC	51	mg/l	2	7/26/2002	Lead	Soil	ATL
7/15/2002	surface	566-314-0	3. STLC-DI	1.2	mg/l	0.2	7/28/2002	Lead	Soil	ATL
	surface	566-314-0	4. TCLP		mg/l			Lead	Soil	ATL
	surface	566-314-0	5. PH						Soil	ATL
7/15/2002	.3 m	566-314-1	1. TTLC	440	mg/kg	5	7/19/2002	Lead	Soil	ATL
7/15/2002	.3 m	566-314-1	2. STLC	344	mg/l	2	7/26/2002	Lead	Soil	ATL
7/15/2002	.3 m	566-314-1	3. STLC-DI	1.3	mg/l	0.2	7/28/2002	Lead	Soil	ATL
	.3 m	566-314-1	4. TCLP					Lead	Soil	ATL

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	.3 m	566-314-1	5. PH						Soil	ATL	
7/15/2002	.6 m	566-314-2	1. TTLC	73	mg/kg	5		7/19/2002	Lead	Soil	ATL
7/15/2002	.6 m	566-314-2	2. STLC	10	mg/l	0.2		7/26/2002	Lead	Soil	ATL
7/15/2002	.6 m	566-314-2	3. STLC-DI	ND	mg/l	0.2		7/28/2002	Lead	Soil	ATL
	.6 m	566-314-2	4. TCLP		mg/l				Lead	Soil	ATL
7/15/2002	.6 m	566-314-2	5. PH	8.54		0.1		7/19/2002		Soil	ATL
7/15/2002	.9 m	566-314-3	1. TTLC	280	mg/kg	5		7/19/2002	Lead	Soil	ATL
7/15/2002	.9 m	566-314-3	2. STLC	16	mg/l	0.4		7/26/2002	Lead	Soil	ATL
	.9 m	566-314-3	3. STLC-DI	0.27	mg/l	0.2		7/28/2002	Lead	Soil	ATL
	.9 m	566-314-3	4. TCLP		mg/l				Lead	Soil	ATL
	.9 m	566-314-3	5. PH							Soil	ATL
7/15/2002	surface	566-315-0	1. TTLC	400	mg/kg	5		7/19/2002	Lead	Soil	ATL
7/15/2002	surface	566-315-0	2. STLC	33	mg/l	6.8		7/26/2002	Lead	Soil	ATL
7/15/2002	surface	566-315-0	3. STLC-DI	0.46	mg/l	0.2		7/28/2002	Lead	Soil	ATL
	surface	566-315-0	4. TCLP		mg/l				Lead	Soil	ATL
	surface	566-315-0	5. PH							Soil	ATL
7/15/2002	.3 m	566-315-1	1. TTLC	410	mg/kg	5		7/19/2002	Lead	Soil	ATL
7/15/2002	.3 m	566-315-1	2. STLC	51	mg/l	2		7/26/2002	Lead	Soil	ATL
7/15/2002	.3 m	566-315-1	3. STLC-DI	2.3	mg/l	0.2		7/28/2002	Lead	Soil	ATL
	.3 m	566-315-1	4. TCLP		mg/l				Lead	Soil	ATL
	.3 m	566-315-1	5. PH							Soil	ATL
7/15/2002	.6 m	566-315-2	1. TTLC	250	mg/kg	5		7/19/2002	Lead	Soil	ATL
7/15/2002	.6 m	566-315-2	2. STLC	23	mg/l	0.8		7/26/2002	Lead	Soil	ATL
7/15/2002	.6 m	566-315-2	3. STLC-DI	1.2	mg/l	0.2		7/28/2002	Lead	Soil	ATL
	.6 m	566-315-2	4. TCLP		mg/l				Lead	Soil	ATL
	.6 m	566-315-2	5. PH							Soil	ATL
7/15/2002	.9 m	566-315-3	1. TTLC	620	mg/kg	5		7/19/2002	Lead	Soil	ATL
7/15/2002	.9 m	566-315-3	2. STLC	60	mg/l	2		7/26/2002	Lead	Soil	ATL
7/15/2002	.9 m	566-315-3	3. STLC-DI	2.6	mg/l	0.2		7/28/2002	Lead	Soil	ATL
	.9 m	566-315-3	4. TCLP		mg/l				Lead	Soil	ATL
	.9 m	566-315-3	5. PH							Soil	ATL
7/15/2002	surface	566-316-0	1. TTLC	370	mg/kg	5		7/19/2002	Lead	Soil	ATL
7/15/2002	surface	566-316-0	2. STLC	41	mg/l	2		7/26/2002	Lead	Soil	ATL
7/15/2002	surface	566-316-0	3. STLC-DI	1.5	mg/l	0.2		7/28/2002	Lead	Soil	ATL
	surface	566-316-0	4. TCLP		mg/l				Lead	Soil	ATL
	surface	566-316-0	5. PH							Soil	ATL
7/15/2002	.3 m	566-316-1	1. TTLC	64	mg/kg	5		7/19/2002	Lead	Soil	ATL
7/15/2002	.3 m	566-316-1	2. STLC	3.4	mg/l	0.2		7/26/2002	Lead	Soil	ATL
	.3 m	566-316-1	3. STLC-DI		mg/l				Lead	Soil	ATL
	.3 m	566-316-1	4. TCLP		mg/l				Lead	Soil	ATL
	.3 m	566-316-1	5. PH							Soil	ATL
7/15/2002	.6 m	566-316-2	1. TTLC	170	mg/kg	5		7/19/2002	Lead	Soil	ATL
7/15/2002	.6 m	566-316-2	2. STLC	6.6	mg/l	0.2		7/26/2002	Lead	Soil	ATL
	.6 m	566-316-2	3. STLC-DI		mg/l				Lead	Soil	ATL
	.6 m	566-316-2	4. TCLP		mg/l				Lead	Soil	ATL
	.6 m	566-316-2	5. PH							Soil	ATL
	.9 m	566-316-3	1. TTLC		mg/kg				Lead	Soil	ATL
	.9 m	566-316-3	2. STLC		mg/l				Lead	Soil	ATL
	.9 m	566-316-3	3. STLC-DI		mg/l				Lead	Soil	ATL
	.9 m	566-316-3	4. TCLP		mg/l				Lead	Soil	ATL
	.9 m	566-316-3	5. PH							Soil	ATL
7/15/2002	surface	566-317-0	1. TTLC	150	mg/kg	5		7/19/2002	Lead	Soil	ATL
7/15/2002	surface	566-317-0	2. STLC	20	mg/l	0.8		7/26/2002	Lead	Soil	ATL
7/15/2002	surface	566-317-0	3. STLC-DI	0.38	mg/l	0.2		7/28/2002	Lead	Soil	ATL
	surface	566-317-0	4. TCLP		mg/l				Lead	Soil	ATL
	surface	566-317-0	5. PH							Soil	ATL
	.3 m	566-317-1	1. TTLC		mg/kg				Lead	Soil	ATL
	.3 m	566-317-1	2. STLC		mg/l				Lead	Soil	ATL
	.3 m	566-317-1	3. STLC-DI		mg/l				Lead	Soil	ATL
	.3 m	566-317-1	4. TCLP		mg/l				Lead	Soil	ATL
	.3 m	566-317-1	5. PH							Soil	ATL

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	.6 m	566-317-2	1. TTLC		mg/kg			Lead	Soil	ATL
	.6 m	566-317-2	2. STLC		mg/l			Lead	Soil	ATL
	.6 m	566-317-2	3. STLC-DI		mg/l			Lead	Soil	ATL
	.6 m	566-317-2	4. TCLP		mg/l			Lead	Soil	ATL
	.6 m	566-317-2	5. PH						Soil	ATL
	.9 m	566-317-3	1. TTLC		mg/kg			Lead	Soil	ATL
	.9 m	566-317-3	2. STLC		mg/l			Lead	Soil	ATL
	.9 m	566-317-3	3. STLC-DI		mg/l			Lead	Soil	ATL
	.9 m	566-317-3	4. TCLP		mg/l			Lead	Soil	ATL
	.9 m	566-317-3	5. PH						Soil	ATL
7/15/2002	surface	566-318-0	1. TTLC	340	mg/kg	5	7/19/2002	Lead	Soil	ATL
7/15/2002	surface	566-318-0	2. STLC	40	mg/l	2	7/26/2002	Lead	Soil	ATL
7/15/2002	surface	566-318-0	3. STLC-DI	0.29	mg/l	0.2	7/28/2002	Lead	Soil	ATL
	surface	566-318-0	4. TCLP		mg/l			Lead	Soil	ATL
	surface	566-318-0	5. PH	7.13		0.1	7/19/2002		Soil	ATL
7/15/2002	.3 m	566-318-1	1. TTLC	76	mg/kg	5	7/19/2002	Lead	Soil	ATL
7/15/2002	.3 m	566-318-1	2. STLC	6.3	mg/l	0.2	7/26/2002	Lead	Soil	ATL
7/15/2002	.3 m	566-318-1	3. STLC-DI	0.21	mg/l	0.2	7/28/2002	Lead	Soil	ATL
	.3 m	566-318-1	4. TCLP		mg/l			Lead	Soil	ATL
	.3 m	566-318-1	5. PH						Soil	ATL
7/15/2002	.6 m	566-318-2	1. TTLC	45	mg/kg	5	7/19/2002	Lead	Soil	ATL
	.6 m	566-318-2	2. STLC		mg/l			Lead	Soil	ATL
	.6 m	566-318-2	3. STLC-DI		mg/l			Lead	Soil	ATL
	.6 m	566-318-2	4. TCLP		mg/l			Lead	Soil	ATL
	.6 m	566-318-2	5. PH						Soil	ATL
7/15/2002	.9 m	566-318-3	1. TTLC	36	mg/kg	5	7/19/2002	Lead	Soil	ATL
	.9 m	566-318-3	2. STLC		mg/l			Lead	Soil	ATL
	.9 m	566-318-3	3. STLC-DI		mg/l			Lead	Soil	ATL
	.9 m	566-318-3	4. TCLP		mg/l			Lead	Soil	ATL
	.9 m	566-318-3	5. PH						Soil	ATL
7/15/2002	surface	566-319-0	1. TTLC	1000	mg/kg	5	7/19/2002	Lead	Soil	ATL
	surface	566-319-0	2. STLC		mg/l			Lead	Soil	ATL
	surface	566-319-0	3. STLC-DI		mg/l			Lead	Soil	ATL
7/15/2002	surface	566-319-0	4. TCLP	2.3	mg/l	0.2	7/26/2002	Lead	Soil	ATL
	surface	566-319-0	5. PH						Soil	ATL
7/15/2002	.3 m	566-319-1	1. TTLC	1300	mg/kg	5	7/19/2002	Lead	Soil	ATL
	.3 m	566-319-1	2. STLC		mg/l			Lead	Soil	ATL
	.3 m	566-319-1	3. STLC-DI		mg/l			Lead	Soil	ATL
7/15/2002	.3 m	566-319-1	4. TCLP	4.9	mg/l	0.2	7/26/2002	Lead	Soil	ATL
	.3 m	566-319-1	5. PH						Soil	ATL
7/15/2002	.6 m	566-319-2	1. TTLC	170	mg/kg	5	7/19/2002	Lead	Soil	ATL
7/15/2002	.6 m	566-319-2	2. STLC	16	mg/l	0.4	7/26/2002	Lead	Soil	ATL
7/15/2002	.6 m	566-319-2	3. STLC-DI	0.21	mg/l	0.2	7/28/2002	Lead	Soil	ATL
	.6 m	566-319-2	4. TCLP		mg/l			Lead	Soil	ATL
	.6 m	566-319-2	5. PH						Soil	ATL
7/15/2002	.9 m	566-319-3	1. TTLC	350	mg/kg	5	7/19/2002	Lead	Soil	ATL
7/15/2002	.9 m	566-319-3	2. STLC	24	mg/l	0.8	7/26/2002	Lead	Soil	ATL
7/15/2002	.9 m	566-319-3	3. STLC-DI	0.67	mg/l	0.2	7/28/2002	Lead	Soil	ATL
	.9 m	566-319-3	4. TCLP		mg/l			Lead	Soil	ATL
	.9 m	566-319-3	5. PH						Soil	ATL
7/15/2002	surface	566-320-0	1. TTLC	1400	mg/kg	5	7/19/2002	Lead	Soil	ATL
	surface	566-320-0	2. STLC		mg/l			Lead	Soil	ATL
	surface	566-320-0	3. STLC-DI		mg/l			Lead	Soil	ATL
7/15/2002	surface	566-320-0	4. TCLP	1.8	mg/l	0.2	7/26/2002	Lead	Soil	ATL
	surface	566-320-0	5. PH						Soil	ATL
7/15/2002	.3 m	566-320-1	1. TTLC	390	mg/kg	5	7/19/2002	Lead	Soil	ATL
7/15/2002	.3 m	566-320-1	2. STLC	41	mg/l	2	7/28/2002	Lead	Soil	ATL
7/15/2002	.3 m	566-320-1	3. STLC-DI	0.43	mg/l	0.2	7/28/2002	Lead	Soil	ATL
	.3 m	566-320-1	4. TCLP		mg/l			Lead	Soil	ATL
	.3 m	566-320-1	5. PH						Soil	ATL
	.6 m	566-320-2	1. TTLC					Lead	Soil	ATL

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	.6 m	566-320-2	2. STLC		mg/l			Lead	Soil	ATL
	.6 m	566-320-2	3. STLC-DI		mg/l			Lead	Soil	ATL
	.6 m	566-320-2	4. TCLP		mg/l			Lead	Soil	ATL
	.6 m	566-320-2	5. PH						Soil	ATL
	.9 m	566-320-3	1. TTLC		mg/kg			Lead	Soil	ATL
	.9 m	566-320-3	2. STLC		mg/l			Lead	Soil	ATL
	.9 m	566-320-3	3. STLC-DI		mg/l			Lead	Soil	ATL
	.9 m	566-320-3	4. TCLP		mg/l			Lead	Soil	ATL
	.9 m	566-320-3	5. PH						Soil	ATL
	surface	566-321-0	1. TTLC	1100	mg/kg	5	7/19/2002	Lead	Soil	ATL
7/15/2002	surface	566-321-0	2. STLC		mg/l			Lead	Soil	ATL
	surface	566-321-0	3. STLC-DI		mg/l			Lead	Soil	ATL
7/15/2002	surface	566-321-0	4. TCLP	1.2	mg/l	0.2	7/26/2002	Lead	Soil	ATL
7/15/2002	surface	566-321-0	5. PH	7.68		0.1	7/19/2002		Soil	ATL
7/15/2002	.3 m	566-321-1	1. TTLC	150	mg/kg	5	7/19/2002	Lead	Soil	ATL
7/15/2002	.3 m	566-321-1	2. STLC	13	mg/l	0.4	7/26/2002	Lead	Soil	ATL
7/15/2002	.3 m	566-321-1	3. STLC-DI	0.22	mg/l	0.2	7/28/2002	Lead	Soil	ATL
	.3 m	566-321-1	4. TCLP		mg/l			Lead	Soil	ATL
	.3 m	566-321-1	5. PH						Soil	ATL
7/15/2002	.6 m	566-321-2	1. TTLC	310	mg/kg	5	7/19/2002	Lead	Soil	ATL
7/15/2002	.6 m	566-321-2	2. STLC	48	mg/l			Lead	Soil	ATL
7/15/2002	.6 m	566-321-2	3. STLC-DI	0.38	mg/l	0.2	7/28/2002	Lead	Soil	ATL
	.6 m	566-321-2	4. TCLP		mg/l			Lead	Soil	ATL
	.6 m	566-321-2	5. PH						Soil	ATL
	.9 m	566-321-3	1. TTLC		mg/kg			Lead	Soil	ATL
	.9 m	566-321-3	2. STLC		mg/l			Lead	Soil	ATL
	.9 m	566-321-3	3. STLC-DI		mg/l			Lead	Soil	ATL
	.9 m	566-321-3	4. TCLP		mg/l			Lead	Soil	ATL
	.9 m	566-321-3	5. PH						Soil	ATL
7/15/2002	surface	566-322-0	1. TTLC	830	mg/kg	5	7/19/2002	Lead	Soil	ATL
7/15/2002	surface	566-322-0	2. STLC	57	mg/l	2	7/26/2002	Lead	Soil	ATL
7/15/2002	surface	566-322-0	3. STLC-DI	0.28	mg/l	0.2	7/28/2002	Lead	Soil	ATL
	surface	566-322-0	4. TCLP		mg/l			Lead	Soil	ATL
	surface	566-322-0	5. PH						Soil	ATL
7/15/2002	.3 m	566-322-1	1. TTLC	730	mg/kg	5	7/19/2002	Lead	Soil	ATL
7/15/2002	.3 m	566-322-1	2. STLC	53	mg/l	2	7/26/2002	Lead	Soil	ATL
7/15/2002	.3 m	566-322-1	3. STLC-DI	0.3	mg/l	0.2	7/28/2002	Lead	Soil	ATL
	.3 m	566-322-1	4. TCLP		mg/l			Lead	Soil	ATL
	.3 m	566-322-1	5. PH						Soil	ATL
	.6 m	566-322-2	1. TTLC		mg/kg			Lead	Soil	ATL
	.6 m	566-322-2	2. STLC		mg/l			Lead	Soil	ATL
	.6 m	566-322-2	3. STLC-DI		mg/l			Lead	Soil	ATL
	.6 m	566-322-2	4. TCLP		mg/l			Lead	Soil	ATL
	.6 m	566-322-2	5. PH						Soil	ATL
	.9 m	566-322-3	1. TTLC		mg/kg			Lead	Soil	ATL
	.9 m	566-322-3	2. STLC		mg/l			Lead	Soil	ATL
	.9 m	566-322-3	3. STLC-DI		mg/l			Lead	Soil	ATL
	.9 m	566-322-3	4. TCLP		mg/l			Lead	Soil	ATL
	.9 m	566-322-3	5. PH						Soil	ATL
7/15/2002	surface	566-323-0	1. TTLC	900	mg/kg	5	7/19/2002	Lead	Soil	ATL
7/15/2002	surface	566-323-0	2. STLC	78	mg/l	2	7/26/2002	Lead	Soil	ATL
7/15/2002	surface	566-323-0	3. STLC-DI	0.56	mg/l	0.2	7/28/2002	Lead	Soil	ATL
	surface	566-323-0	4. TCLP		mg/l			Lead	Soil	ATL
	surface	566-323-0	5. PH						Soil	ATL
7/15/2002	.3 m	566-323-1	1. TTLC	690	mg/kg	5	7/19/2002	Lead	Soil	ATL
7/15/2002	.3 m	566-323-1	2. STLC	69	mg/l	2	7/26/2002	Lead	Soil	ATL
7/15/2002	.3 m	566-323-1	3. STLC-DI	0.68	mg/l	0.2	7/28/2002	Lead	Soil	ATL
	.3 m	566-323-1	4. TCLP		mg/l			Lead	Soil	ATL
	.3 m	566-323-1	5. PH						Soil	ATL
	.6 m	566-323-2	1. TTLC		mg/kg			Lead	Soil	ATL
	.6 m	566-323-2	2. STLC		mg/l			Lead	Soil	ATL

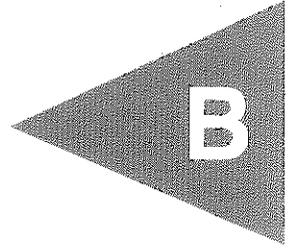
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	.6 m	566-323-2	3. STLC-DI		mg/l			Lead	Soil	ATL
	.6 m	566-323-2	4. TCLP		mg/l			Lead	Soil	ATL
	.6 m	566-323-2	5. PH						Soil	ATL
	.9 m	566-323-3	1. TTLC		mg/kg			Lead	Soil	ATL
	.9 m	566-323-3	2. STLC		mg/l			Lead	Soil	ATL
	.9 m	566-323-3	3. STLC-DI		mg/l			Lead	Soil	ATL
	.9 m	566-323-3	4. TCLP		mg/l			Lead	Soil	ATL
	.9 m	566-323-3	5. PH						Soil	ATL
7/15/2002	surface	566-324-0	1. TTLC	920	mg/kg	5	7/19/2002	Lead	Soil	ATL
7/15/2002	surface	566-324-0	2. STLC	82	mg/l	2	7/26/2002	Lead	Soil	ATL
7/15/2002	surface	566-324-0	3. STLC-DI	0.74	mg/l	0.2	7/28/2002	Lead	Soil	ATL
	surface	566-324-0	4. TCLP		mg/l			Lead	Soil	ATL
	surface	566-324-0	5. PH						Soil	ATL
7/15/2002	.3 m	566-324-1	1. TTLC	240	mg/kg	5	7/19/2002	Lead	Soil	ATL
7/15/2002	.3 m	566-324-1	2. STLC	24	mg/l	0.8	7/26/2002	Lead	Soil	ATL
7/15/2002	.3 m	566-324-1	3. STLC-DI	0.48	mg/l	0.2	7/28/2002	Lead	Soil	ATL
	.3 m	566-324-1	4. TCLP		mg/l			Lead	Soil	ATL
	.3 m	566-324-1	5. PH						Soil	ATL
7/15/2002	.6 m	566-324-2	1. TTLC	30	mg/kg	5	7/19/2002	Lead	Soil	ATL
	.6 m	566-324-2	2. STLC		mg/l			Lead	Soil	ATL
	.6 m	566-324-2	3. STLC-DI		mg/l			Lead	Soil	ATL
	.6 m	566-324-2	4. TCLP		mg/l			Lead	Soil	ATL
	.6 m	566-324-2	5. PH						Soil	ATL
7/15/2002	.9 m	566-324-3	1. TTLC	44	mg/kg	5	7/19/2002	Lead	Soil	ATL
	.9 m	566-324-3	2. STLC		mg/l			Lead	Soil	ATL
	.9 m	566-324-3	3. STLC-DI		mg/l			Lead	Soil	ATL
	.9 m	566-324-3	4. TCLP		mg/l	0.1	7/19/2002	Lead	Soil	ATL
7/15/2002	.9 m	566-324-3	5. PH	7.95					Soil	ATL
7/15/2002	surface	566-325-0	1. TTLC	1300	mg/kg	5	7/19/2002	Lead	Soil	ATL
	surface	566-325-0	2. STLC		mg/l			Lead	Soil	ATL
	surface	566-325-0	3. STLC-DI		mg/l			Lead	Soil	ATL
7/15/2002	surface	566-325-0	4. TCLP	6.6	mg/l	0.2	7/26/2002	Lead	Soil	ATL
7/15/2002	surface	566-325-0	5. PH	6.98		0.1	7/19/2002		Soil	ATL
	.3 m	566-325-1	1. TTLC		mg/kg			Lead	Soil	ATL
	.3 m	566-325-1	2. STLC		mg/l			Lead	Soil	ATL
	.3 m	566-325-1	3. STLC-DI		mg/l			Lead	Soil	ATL
	.3 m	566-325-1	4. TCLP		mg/l			Lead	Soil	ATL
	.3 m	566-325-1	5. PH						Soil	ATL
	.6 m	566-325-2	1. TTLC		mg/kg			Lead	Soil	ATL
	.6 m	566-325-2	2. STLC		mg/l			Lead	Soil	ATL
	.6 m	566-325-2	3. STLC-DI		mg/l			Lead	Soil	ATL
	.6 m	566-325-2	4. TCLP		mg/l			Lead	Soil	ATL
	.6 m	566-325-2	5. PH						Soil	ATL
	.9 m	566-325-3	1. TTLC		mg/kg			Lead	Soil	ATL
	.9 m	566-325-3	2. STLC		mg/l			Lead	Soil	ATL
	.9 m	566-325-3	3. STLC-DI		mg/l			Lead	Soil	ATL
	.9 m	566-325-3	4. TCLP		mg/l			Lead	Soil	ATL
	.9 m	566-325-3	5. PH						Soil	ATL
7/15/2002	surface	566-326-0	1. TTLC	1400	mg/kg	5	7/19/2002	Lead	Soil	ATL
	surface	566-326-0	2. STLC		mg/l			Lead	Soil	ATL
	surface	566-326-0	3. STLC-DI		mg/l			Lead	Soil	ATL
7/15/2002	surface	566-326-0	4. TCLP	4.1	mg/l	0.2	7/26/2002	Lead	Soil	ATL
	surface	566-326-0	5. PH						Soil	ATL
7/15/2002	.3 m	566-326-1	1. TTLC	1200	mg/kg	5	7/19/2002	Lead	Soil	ATL
	.3 m	566-326-1	2. STLC		mg/l			Lead	Soil	ATL
	.3 m	566-326-1	3. STLC-DI		mg/l			Lead	Soil	ATL
7/15/2002	.3 m	566-326-1	4. TCLP	1.3	mg/l	0.2	7/26/2002	Lead	Soil	ATL
	.3 m	566-326-1	5. PH						Soil	ATL
7/15/2002	.6 m	566-326-2	1. TTLC	32	mg/kg	5	7/19/2002	Lead	Soil	ATL
	.6 m	566-326-2	2. STLC		mg/l			Lead	Soil	ATL
	.6 m	566-326-2	3. STLC-DI		mg/l			Lead	Soil	ATL

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	.6 m	566-326-2	4. TCLP		mg/l			Lead	Soil	ATL
	.6 m	566-326-2	5. PH						Soil	ATL
7/15/2002	.9 m	566-326-3	1. TTLC	7	mg/kg	5	7/19/2002	Lead	Soil	ATL
	.9 m	566-326-3	2. STLC		mg/l			Lead	Soil	ATL
	.9 m	566-326-3	3. STLC-DI		mg/l			Lead	Soil	ATL
	.9 m	566-326-3	4. TCLP		mg/l			Lead	Soil	ATL
	.9 m	566-326-3	5. PH						Soil	ATL
7/15/2002	surface	566-327-0	1. TTLC	410	mg/kg	5	7/19/2002	Lead	Soil	ATL
7/15/2002	surface	566-327-0	2. STLC	27	mg/l	0.8	7/27/2002	Lead	Soil	ATL
7/15/2002	surface	566-327-0	3. STLC-DI	0.58	mg/l	0.2	7/28/2002	Lead	Soil	ATL
	surface	566-327-0	4. TCLP		mg/l			Lead	Soil	ATL
	surface	566-327-0	5. PH						Soil	ATL
7/15/2002	.3 m	566-327-1	1. TTLC	170	mg/kg	5	7/19/2002	Lead	Soil	ATL
7/15/2002	.3 m	566-327-1	2. STLC	11	mg/l	0.4	7/27/2002	Lead	Soil	ATL
7/15/2002	.3 m	566-327-1	3. STLC-DI	0.32	mg/l	0.2	7/28/2002	Lead	Soil	ATL
	.3 m	566-327-1	4. TCLP		mg/l			Lead	Soil	ATL
	.3 m	566-327-1	5. PH						Soil	ATL
7/15/2002	.6 m	566-327-2	1. TTLC	22	mg/kg	5	7/19/2002	Lead	Soil	ATL
	.6 m	566-327-2	2. STLC		mg/l			Lead	Soil	ATL
	.6 m	566-327-2	3. STLC-DI		mg/l			Lead	Soil	ATL
	.6 m	566-327-2	4. TCLP		mg/l			Lead	Soil	ATL
	.6 m	566-327-2	5. PH						Soil	ATL
7/15/2002	.9 m	566-327-3	1. TTLC	5	mg/kg	5	7/19/2002	Lead	Soil	ATL
	.9 m	566-327-3	2. STLC		mg/l			Lead	Soil	ATL
	.9 m	566-327-3	3. STLC-DI		mg/l			Lead	Soil	ATL
	.9 m	566-327-3	4. TCLP		mg/l			Lead	Soil	ATL
	.9 m	566-327-3	5. PH						Soil	ATL
7/15/2002	surface	566-328-0	1. TTLC	430	mg/kg	5	7/19/2002	Lead	Soil	ATL
7/15/2002	surface	566-328-0	2. STLC	41	mg/l	1	7/27/2002	Lead	Soil	ATL
7/15/2002	surface	566-328-0	3. STLC-DI	0.44	mg/l	0.2	7/28/2002	Lead	Soil	ATL
	surface	566-328-0	4. TCLP		mg/l			Lead	Soil	ATL
	surface	566-328-0	5. PH	6.91					Soil	ATL
7/15/2002	.3 m	566-328-1	1. TTLC	720	mg/kg	5	7/19/2002	Lead	Soil	ATL
7/15/2002	.3 m	566-328-1	2. STLC	68	mg/l	2	7/27/2002	Lead	Soil	ATL
7/15/2002	.3 m	566-328-1	3. STLC-DI	1.3	mg/l	0.2	7/28/2002	Lead	Soil	ATL
	.3 m	566-328-1	4. TCLP		mg/l			Lead	Soil	ATL
	.3 m	566-328-1	5. PH			0.1	7/19/2002		Soil	ATL
7/15/2002	.6 m	566-328-2	1. TTLC	26	mg/kg	5	7/19/2002	Lead	Soil	ATL
	.6 m	566-328-2	2. STLC		mg/l			Lead	Soil	ATL
	.6 m	566-328-2	3. STLC-DI		mg/l			Lead	Soil	ATL
	.6 m	566-328-2	4. TCLP		mg/l			Lead	Soil	ATL
	.6 m	566-328-2	5. PH						Soil	ATL
	.9 m	566-328-3	1. TTLC		mg/kg			Lead	Soil	ATL
	.9 m	566-328-3	2. STLC		mg/l			Lead	Soil	ATL
	.9 m	566-328-3	3. STLC-DI		mg/l			Lead	Soil	ATL
	.9 m	566-328-3	4. TCLP		mg/l			Lead	Soil	ATL
	.9 m	566-328-3	5. PH						Soil	ATL
	surface	566-329-0	1. TTLC		mg/kg			Lead	Soil	ATL
	surface	566-329-0	2. STLC		mg/l			Lead	Soil	ATL
	surface	566-329-0	3. STLC-DI		mg/l			Lead	Soil	ATL
	surface	566-329-0	4. TCLP		mg/l			Lead	Soil	ATL
	surface	566-329-0	5. PH						Soil	ATL
	.3 m	566-329-1	1. TTLC		mg/kg			Lead	Soil	ATL
	.3 m	566-329-1	2. STLC		mg/l			Lead	Soil	ATL
	.3 m	566-329-1	3. STLC-DI		mg/l			Lead	Soil	ATL
	.3 m	566-329-1	4. TCLP		mg/l			Lead	Soil	ATL
	.3 m	566-329-1	5. PH						Soil	ATL
	.6 m	566-329-2	1. TTLC		mg/kg			Lead	Soil	ATL
	.6 m	566-329-2	2. STLC		mg/l			Lead	Soil	ATL
	.6 m	566-329-2	3. STLC-DI		mg/l			Lead	Soil	ATL
	.6 m	566-329-2	4. TCLP		mg/l			Lead	Soil	ATL

APPENDIX



B

## APPENDIX B

### GEOCON CONSULTANTS, INC. MODIFIED STANDARD OPERATING PROCEDURE (SOP) NO. 11 HAND-AUGERING AND SOIL SAMPLE COLLECTION/HANDLING

#### Purpose

The purpose of this SOP is to outline procedures and methods to be used to advance hand-augers and collect soil samples for chemical analyses.

#### Hand-Augering and Soil Sample Collection/Handling Procedures

1. Initiate boring using a hand-held 7.62 centimeter diameter stainless steel auger.
2. Advance boring to initial sample depth of approximately 0 to 0.15 m below the ground surface.
3. Transfer the soil sample from the hand auger into a plastic bag to homogenize the sample, transfer the sample from the plastic bag to a glass jar supplied by the laboratory. Label glass jar with the boring number, EA number, and sample depth.
4. Record the sample identification, time and date of sample collection, sample matrix type, turn-around time, and container type on the laboratory chain of custody.
5. Each prepared sample jar will be placed into a cooler for transport to Advanced Technology Laboratories.
6. Repeat the procedure and collect soil samples at subsequent depths as specified in the Task Order, if possible.
7. Backfill the borings to surface grade with soil cuttings generated.
8. Clean and rinse sampling equipment prior to the collection of each soil sample by washing the equipment with a trisodium phosphate solution followed by subsequent tap water and deionized water rinses.
9. Transport all samples to Advance Technology Laboratories under chain of custody control.

**VOLUME 2  
AERIALY DEPOSITED LEAD  
INVESTIGATION REPORT**

**ROUTE 5 FROM THE ORANGE COUNTY  
LINE TO THE ROUTE 605  
KP 0.0/10.99 (PM 0.0/6.83)  
LOS ANGELES COUNTY, CALIFORNIA  
CONTRACT NO. 43A0078  
TASK ORDER NO. 07-2159A0-RR**

**PREPARED FOR**

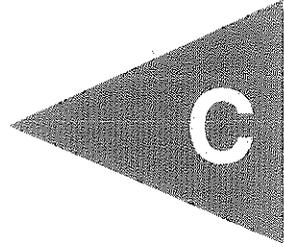
**CALIFORNIA DEPARTMENT  
OF TRANSPORTATION  
DISTRICT 7  
LOS ANGELES, CALIFORNIA**

**PREPARED BY**

**GEOCON CONSULTANTS, INC.  
6970 FLANDERS DRIVE  
SAN DIEGO, CALIFORNIA 92121  
Tel. 858.558.6100  
Fax. 858.558.8437  
email: [environmental@geoconinc.com](mailto:environmental@geoconinc.com)**

**SEPTEMBER 19, 2002**

APPENDIX



August 13, 2002

Chris King

Geocon Environmental  
6970 Flanders Drive  
San Diego, CA 92121  
TEL: (858) 558-6100  
FAX: (858) 558-8437

RE: Rte 5 - NB, 9100-06-49

Attention: Chris King

ELAP No.: 1838

NELAP No.: 02107CA

Workorder No.: 057900

Enclosed are the results for sample(s) received on July 12, 2002 by Advanced Technology Laboratories and tested for the parameters indicated in the enclosed chain of custody.

This is an amended report. Please disregard all previous documentation that corresponds to the page(s) enclosed.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (562)989-4045 if I can be of further assistance to your company.

Sincerely,



Eddie F. Rodriguez  
Laboratory Director

AUG 17 2002

This cover letter is an integral part of this analytical report.



# CHAIN OF CUSTODY RECORD



3275 Walnut Avenue  
Signal Hill, CA 90807  
(562) 989-4045 • FAX (562) 989-4040

## FOR LABORATORY USE ONLY:

P.O.#: _____	Method of Transport Walk-in <input type="checkbox"/> Courier <input type="checkbox"/> UPS <input type="checkbox"/> FED. EXP. <input type="checkbox"/> ATL <input type="checkbox"/>	Sample Condition Upon Receipt 1. CHILLED Y <input type="checkbox"/> N <input type="checkbox"/> 4. SEALED Y <input type="checkbox"/> N <input type="checkbox"/> 2. HEADSPACE (VOA) Y <input type="checkbox"/> N <input type="checkbox"/> 5. # OF SPLS MATCH COC Y <input type="checkbox"/> N <input type="checkbox"/> 3. CONTAINER INTACT Y <input type="checkbox"/> N <input type="checkbox"/> 6. PRESERVED Y <input type="checkbox"/> N <input type="checkbox"/>
Logged By: _____	Date: _____ Time: _____	

Client: <b>GEOCON ENVIRONMENTAL - SAN DIEGO</b>	Address: 6970 Flanders Drive	TEL: ( 858 ) 558-6100
Attn: <i>Chris King</i>	City San Diego State CA Zip Code 92121	FAX: ( 858 ) 558-8437

Project Name: <i>Rep 5-NB</i>	Project #: <i>9100-06-49</i>	Sampler: <i>CSK/GCA</i> (Printed Name)	(Signature) <i>[Signature]</i>
Relinquished by: <i>[Signature]</i> <i>GCA</i> (Signature and Printed Name)	Date: <i>7/12</i>	Time: _____	Received by: <i>[Signature]</i> (Signature and Printed Name)
Relinquished by: _____ (Signature and Printed Name)	Date: _____	Time: _____	Received by: _____ (Signature and Printed Name)
Relinquished by: _____ (Signature and Printed Name)	Date: _____	Time: _____	Received by: _____ (Signature and Printed Name)

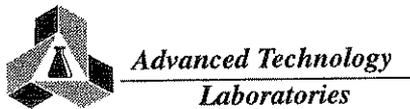
I hereby authorize ATL to perform the work indicated below: Project Mgr /Submitter: <i>CSK</i> <i>7/12</i> Print Name Date <i>[Signature]</i>	Send Report To: Attn: _____ Co: <i>Client</i> Address: _____ City _____ State _____ Zip _____	Bill To: Attn: _____ Co: <i>Client</i> Address: _____ City _____ State _____ Zip _____	Special Instructions/Comments: <i>Attached</i>
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Unless otherwise requested, all samples will be disposed 45 days after receipt.	Sample Archive/Disposal: <input type="checkbox"/> Laboratory Standard <input type="checkbox"/> Other <input type="checkbox"/> Return To: _____  * \$10.00 FEE PER HAZARDOUS SAMPLE DISPOSAL.	Circle or Add Analysis(es) Requested <i>8091 / 8092 (Pesticides/PBB-OC) 8280 (Nitrates-GC/MS) 825 / 8270 (BNA-GC/MS) Metals-Total (CAC-8010 / 7000) 8015M TP-HB/TEX (COMBINATION) Total / 2nd 8/12</i>	CIRCLE APPROPRIATE MATRIX SOLID (SOIL) SLUDGE OIL • SOLVENT • LIQUID WATER • WASTEWATER DRINKING WATER AIR WIPE • FILTER OTHER TAT # Type	PRESERVATION RTNE <input type="checkbox"/> RWQCB <input type="checkbox"/> WIP <input type="checkbox"/> NAVY <input type="checkbox"/> CT <input checked="" type="checkbox"/> OTHER _____
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ITEM	LAB USE ONLY:		Sample Description		Analysis(es) Requested	Matrix	Container(s)		PRESERVATION	REMARKS
	Batch #:	Lab No.	Sample I.D.	Date Time			#	Type		
1	900-021		N63-5	7/12 9:10	X		E 1 J G			
2			N63-0.3	9:15						
3			N63-0.6	9:20						
4			N63-0.9	9:25						
5			N64-S	9:10						
6			N64-0.3	9:15						
7			N64-0.6	9:20						
8			N64-0.9	9:26						
9			N65-S	8:27						
10			N65-0.3	9:29						

• TAT starts 8 a.m. following day if samples received after 5 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 <sub>3</sub> S=H <sub>2</sub> SO <sub>4</sub> C=4°C Z=Zn(Ac) <sub>2</sub> O=NaOH T=Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub>
Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal						

# CHAIN OF CUSTODY RECORD



3275 Walnut Avenue  
Signal Hill, CA 90807  
(562) 989-4045 • FAX (562) 989-4040

## FOR LABORATORY USE ONLY:

P.O.#: _____	Method of Transport Walk-in <input type="checkbox"/> Courier <input type="checkbox"/> UPS <input type="checkbox"/> FED. EXP. <input type="checkbox"/> ATL <input type="checkbox"/>	Sample Condition Upon Receipt 1. CHILLED Y <input type="checkbox"/> N <input type="checkbox"/> 4. SEALED Y <input type="checkbox"/> N <input type="checkbox"/> 2. HEADSPACE (VOA) Y <input type="checkbox"/> N <input type="checkbox"/> 5. # OF SPLS MATCH COC Y <input type="checkbox"/> N <input type="checkbox"/> 3. CONTAINER INTACT Y <input type="checkbox"/> N <input type="checkbox"/> 6. PRESERVED Y <input type="checkbox"/> N <input type="checkbox"/>
Logged By: _____	Date: _____ Time: _____	

Client: <b>GEOCON ENVIRONMENTAL - SAN DIEGO</b>	Address: 6970 Flanders Drive	TEL: ( 858 ) 558-6100
Attn: <i>Chris King</i>	City: San Diego State: CA Zip Code: 92121	FAX: ( 858 ) 558-8437

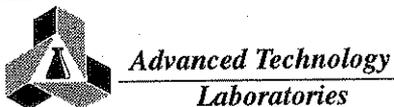
Project Name: <i>Rte 5-NB</i>	Project #: <i>9100-06-49</i>	Sampler: <i>LSK/GCA</i>	(Signature) _____
Relinquished by: <i>[Signature]</i> <i>GCA</i>	Date: <i>7/12</i> Time: _____	Received by: <i>[Signature]</i>	Date: <i>7/12/00</i> Time: <i>4:00</i>
Relinquished by: _____	Date: _____ Time: _____	Received by: _____	Date: _____ Time: _____
Relinquished by: _____	Date: _____ Time: _____	Received by: _____	Date: _____ Time: _____

I hereby authorize ATL to perform the work indicated below: Project Mgr/Submitter: <i>CSK</i> <i>7/12</i> Print Name _____ Date _____ Signature _____	Send Report To: Attn: _____ Co: <i>Client</i> Address _____ City _____ State _____ Zip _____	Bill To: Attn: _____ Co: <i>Client</i> Address _____ City _____ State _____ Zip _____	Special Instructions/Comments: <i>Attached</i>
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Unless otherwise requested, all samples will be disposed 45 days after receipt.	Sample Archive/Disposal: <input type="checkbox"/> Laboratory Standard <input type="checkbox"/> Other _____ <input type="checkbox"/> Return To: _____ * \$10.00 FEE PER HAZARDOUS SAMPLE DISPOSAL.	Circle or Add Analysis(es) Requested 8081 / 8082 (Pesticides/PCB-GC) 8280 (Volatiles-GC/MS) 825 / 8270 (BNA-GC/MS) Metals Total (CAC-8010 / 7000) 8015M TPH/G/PTX (COMBINATION) 8015M TPH/D (Diesel-GC) <i>Total / 7/12/00</i>	CIRCLE APPROPRIATE MATRIX SOLID • SOIL • SLUDGE OIL • SOLVENT • LIQUID WATER • WASTEWATER DRINKING WATER AIR WIPE • FILTER OTHER _____ TAT # _____ Type _____ Container(s) _____	Q A / Q C PRESERVATION RTNE <input type="checkbox"/> RWQCB <input type="checkbox"/> WIP <input type="checkbox"/> NAVY <input type="checkbox"/> CT <input checked="" type="checkbox"/> OTHER _____
I T E M LAB USE ONLY: Batch #: Lab No.	Sample Description Sample I.D.	Date Time	Matrix TAT # Type	REMARKS
11	N65-0.6	7/12 9:38	X E 1 J/G	
12	N65-0.9	9:44		
13	N66-5	9:38		
14	N66-0.3	9:45		
15	N66-0.6	9:52		
16	N67-5	9:46		
17	N67-0.3	9:58		
18	N67-0.6	10:04		
19	N68-5	9:58		
20	N68-0.3	10:00		

• TAT starts 8 a.m. following day if samples received after 5 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 <sub>3</sub> S=H <sub>2</sub> SO <sub>4</sub> C=4°C Z=Zn(AC) <sub>2</sub> O=NaOH T=Na <sub>2</sub> S <sub>2</sub> O <sub>8</sub>
Container Types: T=Tube V=VOA L=Liter P=Pin J=Jar B=Tedlar G=Glass P=Plastic M=Metal						

# CHAIN OF CUSTODY RECORD



3275 Walnut Avenue  
Signal Hill, CA 90807  
(562) 989-4045 • FAX (562) 989-4040

## FOR LABORATORY USE ONLY:

P.O.#: _____	Method of Transport Walk-in <input type="checkbox"/> Courier <input type="checkbox"/> UPS <input type="checkbox"/> FED. EXP. <input type="checkbox"/> ATL <input type="checkbox"/>	Sample Condition Upon Receipt 1. CHILLED Y <input type="checkbox"/> N <input type="checkbox"/> 4. SEALED Y <input type="checkbox"/> N <input type="checkbox"/> 2. HEADSPACE (VOA) Y <input type="checkbox"/> N <input type="checkbox"/> 5. # OF SPLS MATCH COC Y <input type="checkbox"/> N <input type="checkbox"/> 3. CONTAINER INTACT Y <input type="checkbox"/> N <input type="checkbox"/> 6. PRESERVED Y <input type="checkbox"/> N <input type="checkbox"/>
Logged By: _____ Date: _____ Time: _____		

Client: <b>GEOCON ENVIRONMENTAL - SAN DIEGO</b>	Address: 6970 Flanders Drive	TEL: ( 858 ) 558-6100
Attn: <u>Chris King</u>	City: San Diego State: CA Zip Code: 92121	FAX: ( 858 ) 558-8437

Project Name: <u>Rte 5-NB</u>	Project #: <u>9100-06-49</u>	Sampler: <u>CSK/GCA</u> (Printed Name)	(Signature) <u>[Signature]</u>
Relinquished by: <u>[Signature]</u> Date: <u>7/12</u> Time: _____	Received by: <u>[Signature]</u> Date: <u>7/12/02</u> Time: <u>4:00</u>		
Relinquished by: <u>[Signature]</u> Date: _____ Time: _____	Received by: _____ Date: _____ Time: _____		
Relinquished by: _____ Date: _____ Time: _____	Received by: _____ Date: _____ Time: _____		

I hereby authorize ATL to perform the work indicated below: Project Mgr /Submitter: <u>CSK</u> <u>7/12</u> Print Name Date <u>[Signature]</u> Signature	Send Report To: Attn: _____ Co: <u>Client</u> Address _____ City _____ State _____ Zip _____	Bill To: Attn: _____ Co: <u>Client</u> Address _____ City _____ State _____ Zip _____	Special Instructions/Comments: <u>Attached</u>
--	--	---	---

Unless otherwise requested, all samples will be disposed 45 days after receipt.

Sample Archive/Disposal:  
 Laboratory Standard  
 Other  
 Return To: \_\_\_\_\_

\* \$10.00 FEE PER HAZARDOUS SAMPLE DISPOSAL.

Circle or Add Analysis(es) Requested <u>8051, 8082 (Pesticides/PCB, SC)</u> <u>8280 (Volatiles-GCMS)</u> <u>8281 / 8270 (BNA-GCMS)</u> <u>Metal: Total (CAC-2010 / 7000)</u> <u>8015M TPH(GSTEX) (COMBINA-710)</u> <u>8015M TPH(D) (Diesel-GC)</u> <u>Total / Post 8010</u>	CIRCLE APPROPRIATE MATRIX SOLID • SOIL • SLUDGE OIL • SOLVENT • LIQUID WATER • WASTEWATER DRINKING WATER AIR WIFE • FILTER OTHER TAT # Type	PRESERVATION RTNE <input type="checkbox"/> RWQCB <input type="checkbox"/> WIP <input type="checkbox"/> NAVY <input type="checkbox"/> CT <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>
--	---	--

ITEM	LAB USE ONLY:		Sample Description		
	Batch #:	Sample I.D.	Date	Time	
	21	N68-06	7/12	10:05	
	22	N68-09		10:11	
	23	N69-S		10:08	
	24	N69-0.3		10:14	
	25	N69-0.6		10:10	
	26	N70-S		10:12	
	27	N70-0.3		10:22	
	28	N70-0.6		10:34	
	29	N71-S		10:25	
	30	N71-0.3		10:32	

• TAT starts 8 a.m. following day if samples received after 5 p.m.	TAT: A= <input type="checkbox"/> Overnight ≤ 24 hr	B= <input type="checkbox"/> Emergency Next workday	C= <input type="checkbox"/> Critical 2 Workdays	D= <input type="checkbox"/> Urgent 3 Workdays	E= <input type="checkbox"/> Routine 7 Workdays	Preservatives: H=Hcl N=HNO <sub>3</sub> S=H <sub>2</sub> SO <sub>4</sub> C=4°C Z=Zn(AC) <sub>2</sub> O=NaOH T=Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub>
Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal						

# CHAIN OF CUSTODY RECORD



**Advanced Technology  
Laboratories**

3275 Walnut Avenue  
Signal Hill, CA 90807  
(562) 989-4045 • FAX (562) 989-4040

## FOR LABORATORY USE ONLY:

P.O.#: \_\_\_\_\_  
Logged By: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

Method of Transport  
Walk-in   
Courier   
UPS   
FED. EXP.   
ATL

Sample Condition Upon Receipt

1. CHILLED	<input type="checkbox"/> Y <input type="checkbox"/> N	4. SEALED	<input type="checkbox"/> Y <input type="checkbox"/> N
2. HEADSPACE (VOA)	<input type="checkbox"/> Y <input type="checkbox"/> N	5. # OF SPLS MATCH COC	<input type="checkbox"/> Y <input type="checkbox"/> N
3. CONTAINER INTACT	<input type="checkbox"/> Y <input type="checkbox"/> N	6. PRESERVED	<input type="checkbox"/> Y <input type="checkbox"/> N

Client: **GEOCON ENVIRONMENTAL - SAN DIEGO** Address: 6970 Flanders Drive TEL: ( 858 ) 558-6100  
Attn: Chris King City San Diego State CA Zip Code 92121 FAX: ( 858 ) 558-8437

Project Name: Rte 5 - NB Project #: 9100-06-49 Sampler: CSK/GIA  
Relinquished by: [Signature] Date: 7/12 Time: \_\_\_\_\_ Received by: [Signature] Date: 7/12/00 Time: 4:40  
Relinquished by: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_ Received by: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_  
Relinquished by: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_ Received by: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

I hereby authorize ATL to perform the work indicated below:  
Project Mgr /Submitter: CSK 7/12  
Send Report To: Attn: \_\_\_\_\_ Co: Client Address: \_\_\_\_\_ City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_  
Bill To: Attn: \_\_\_\_\_ Co: Client Address: \_\_\_\_\_ City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_  
Special Instructions/Comments: Attached

Unless otherwise requested, all samples will be disposed 45 days after receipt.  
Sample Archive/Disposal:  
 Laboratory Standard  
 Other \_\_\_\_\_  
 Return To: \_\_\_\_\_  
\* \$10.00 FEE PER HAZARDOUS SAMPLE DISPOSAL.

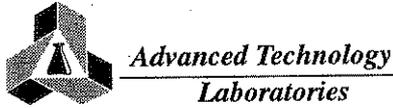
ITEM	LAB USE ONLY:		Sample Description	Date	Time	CIRCLE OR ADD Analysis(es) Requested	CIRCLE APPROPRIATE MATRIX										PRESERVATION	REMARKS
	Batch #:	Lab No.					RTNE	RWQCB	WIP	NAVY	CT	OTHER	TAT	#	Type			
		31	N71-0.6	7/12	10:40	8091 / 8092 (Pesticides/PCB-CO) 8280 (Volatiles-CO/MS) 625 / 8270 (BNA-GC/MS) Metals-Total (CAC-8010 / 7000) 8015M TPH/GIBTEX (COMBINATION) 8015M TPH/D (Diesel-GC) <u>Total PAHs</u>	<input checked="" type="checkbox"/> SOLID (SOLID)	<input type="checkbox"/> SLUDGE	<input type="checkbox"/> OIL • SOLVENT • LIQUID	<input type="checkbox"/> WATER • WASTEWATER	<input type="checkbox"/> DRINKING WATER	<input type="checkbox"/> AIR	<input type="checkbox"/> WIFE • FILTER	<input type="checkbox"/> OTHER	E	1	JG	66
		32	N72-S		10:45													
		33	N72-0.3		10:50													
		34	N72-0.6		10:57													7.2
		35	N73-S		10:53													
		36	N73-0.3		11:00													
		37	N73-0.6		11:05													7.8
		38	N74-S		11:08													
		39	N74-0.3		11:15													
		40	N74-0.6		11:20													

• TAT starts 8 a.m. following day if samples received after 5 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<sub>3</sub> S=H<sub>2</sub>SO<sub>4</sub> C=4°C Z=Zn(AC)<sub>2</sub> O=NaOH T=Na<sub>2</sub>S<sub>2</sub>O<sub>3</sub>  
Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal





# CHAIN OF CUSTODY RECORD



3275 Walnut Avenue  
Signal Hill, CA 90807  
(562) 989-4045 • FAX (562) 989-4040

## FOR LABORATORY USE ONLY:

P.O.#: _____	Method of Transport Walk-in <input type="checkbox"/> Courier <input type="checkbox"/> UPS <input type="checkbox"/> FED. EXP. <input type="checkbox"/> ATL <input type="checkbox"/>	Sample Condition Upon Receipt 1. CHILLED Y <input type="checkbox"/> N <input type="checkbox"/> 4. SEALED Y <input type="checkbox"/> N <input type="checkbox"/> 2. HEADSPACE (VOA) Y <input type="checkbox"/> N <input type="checkbox"/> 5. # OF SPLS MATCH COC Y <input type="checkbox"/> N <input type="checkbox"/> 3. CONTAINER INTACT Y <input type="checkbox"/> N <input type="checkbox"/> 6. PRESERVED Y <input type="checkbox"/> N <input type="checkbox"/>
Logged By: _____ Date: _____ Time: _____		

Client: <b>GEOCON ENVIRONMENTAL - SAN DIEGO</b>	Address: 6970 Flanders Drive	TEL: ( 858 ) 558-6100
Attn: <u>Chris King</u>	City San Diego State CA Zip Code 92121	FAX: ( 858 ) 558-8437

Project Name: <u>Rev 5-NB</u>	Project #: <u>9100-06-49</u>	Sampler: <u>LSR/GCA</u>	(Signature) _____
Relinquished by: (Signature and Printed Name) _____	Date: <u>7/12</u> Time: _____	Received by: (Signature and Printed Name) _____	Date: <u>7/12/00</u> Time: <u>4:00</u>
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: <u>ISK</u> <u>7/12</u> Print Name Date Signature _____	Send Report To: Attn: _____ Co: <u>Client</u> Address _____ City _____ State _____ Zip _____	Bill To: Attn: _____ Co: <u>Client</u> Address _____ City _____ State _____ Zip _____	Special Instructions/Comments: <u>Attached</u>
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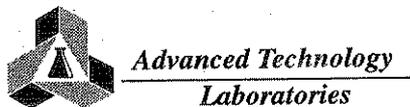
Unless otherwise requested, all samples will be disposed 45 days after receipt.	Sample Archive/Disposal: <input type="checkbox"/> Laboratory Standard <input type="checkbox"/> Other <input type="checkbox"/> Return To: _____ * \$10.00 FEE PER HAZARDOUS SAMPLE DISPOSAL.	Circle or Add Analysis(es) Requested <u>7021/1206/6210</u> 8091 / 8092 (Pesticides/PCB/OC) 8280 (Volatiles-GCMS) 623 / 8270 (BVA-GCMS) Metals: Total (CAC-9010 / 7000) 8015M TPH/G/TEXT (Diesel-GC) 8015M TPH/D (Diesel-GC)	CIRCLE APPROPRIATE MATRIX SOLID SOIL SLUDGE OIL • SOLVENT • LIQUID WATER • WASTEWATER DRINKING WATER AIR WIPE • FILTER OTHER TAT # Type E 1 J.G	PRESERVATION RTNE <input type="checkbox"/> RWQCB <input type="checkbox"/> WIP <input type="checkbox"/> NAVY <input type="checkbox"/> CT <input checked="" type="checkbox"/> OTHER	REMARKS
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ITEM	LAB USE ONLY:		Sample Description				Analysis	Matrix	TAT	Container(s)		PRESERVATION	REMARKS
	Batch #:	Lab No.	Sample I.D.	Date	Time	#				Type			
		01	N 80-0.3	7/12	12:20	X			E	1	J.G		
		02	N 80-0.6		11:30								
		03	N 80-0.9		12:27								
		04	N 81-5		12:15								
		05	N 81-0.3		12:20								
		06	N 81-0.6		12:30								
		07	N 81-0.9		12:36								
		08	N 82-5		12:45								
		09	N 82-0.3		12:44								
		70	N 83-5		12:46								

• TAT starts 8 a.m. following day if samples received after 5 p.m.	TAT: A= <input type="checkbox"/> Overnight ≤ 24 hr	B= <input type="checkbox"/> Emergency Next workday	C= <input type="checkbox"/> Critical 2 Workdays	D= <input type="checkbox"/> Urgent 3 Workdays	E= <input type="checkbox"/> Routine 7 Workdays	Preservatives: H=HCl N=HNO <sub>3</sub> S=H <sub>2</sub> SO <sub>4</sub> C=4°C Z=Zn(AC) <sub>2</sub> O=NaOH T=Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub>
Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal						



# CHAIN OF CUSTODY RECORD



3275 Walnut Avenue  
Signal Hill, CA 90807  
(562) 989-4045 • FAX (562) 989-4040

## FOR LABORATORY USE ONLY:

P.O.#: _____	Method of Transport Walk-in <input type="checkbox"/> Courier <input type="checkbox"/> UPS <input type="checkbox"/> FED. EXP. <input type="checkbox"/> ATL <input type="checkbox"/>	Sample Condition Upon Receipt 1. CHILLED <input type="checkbox"/> N <input type="checkbox"/> 4. SEALED <input type="checkbox"/> N <input type="checkbox"/> 2. HEADSPACE (VOA) <input type="checkbox"/> N <input type="checkbox"/> 5. # OF SPLS MATCH COC <input type="checkbox"/> N <input type="checkbox"/> 3. CONTAINER INTACT <input type="checkbox"/> N <input type="checkbox"/> 6. PRESERVED <input type="checkbox"/> N <input type="checkbox"/>
Logged By: _____	Date: _____ Time: _____	

Client: <b>GEOCON ENVIRONMENTAL - SAN DIEGO</b>	Address: 6970 Flanders Drive	TEL: ( 858 ) 558-6100
Attn: <u>Chris King</u>	City: San Diego State: CA Zip Code: 92121	FAX: ( 858 ) 558-8437

Project Name: <u>Rte 5-NB</u>	Project #: <u>9100-06-49</u>	Sampler: <u>DLGCA</u>	(Signature) _____
Relinquished by: _____	Date: <u>7/12</u> Time: _____	Received by: _____	Date: <u>7/12/00</u> Time: <u>4:00</u>
Relinquished by: _____	Date: _____ Time: _____	Received by: _____	Date: _____ Time: _____
Relinquished by: _____	Date: _____ Time: _____	Received by: _____	Date: _____ Time: _____

I hereby authorize ATL to perform the work indicated below: Project Mgr /Submitter: <u>CSK</u> <u>7/12</u> Print Name Date <u>[Signature]</u> Signature	Send Report To: Attn: _____ Co: <u>Client</u> Address _____ City _____ State _____ Zip _____	Bill To: Attn: _____ Co: <u>Client</u> Address _____ City _____ State _____ Zip _____	Special Instructions/Comments: <u>Attached</u>
---	--	---	---

Unless otherwise requested, all samples will be disposed 45 days after receipt.

Sample Archive/Disposal:  
 Laboratory Standard  
 Other \_\_\_\_\_  
 Return To: \_\_\_\_\_

\* \$10.00 FEE PER HAZARDOUS SAMPLE DISPOSAL.

Circle or Add Analysis(es) Requested <u>8081 / 8092 (Pesticides/PCB-GC)</u> <u>8260 (Volatiles-GCMS)</u> <u>825 / 8270 (BNA-GCMS)</u> <u>Metals Total (CAC-8010 / 7000)</u> <u>8015M TPH/G/TEX (COMBINATION)</u> <u>8015M TPH/D (Diesel-GC)</u> <u>Total 1000 6010</u>	CIRCLE APPROPRIATE MATRIX SOLID • SOIL • SLUDGE OIL • SOLVENT • LIQUID WATER • WASTEWATER DRINKING WATER AIR WIFE • FILTER OTHER TAT # Type	QA/QC RTNE <input type="checkbox"/> RWQCB <input type="checkbox"/> WIP <input type="checkbox"/> NAVY <input type="checkbox"/> CT <input checked="" type="checkbox"/> OTHER _____ PRESERVATION REMARKS
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ITEM	LAB USE ONLY:		Sample Description	
	Batch #:	Lab No.	Sample I.D.	Date Time
		<u>82</u>	<u>C21</u>	<u>7/12 9:40</u>
		<u>81</u>	<u>C22</u>	<u>10:10</u>
		<u>83</u>	<u>C23</u>	<u>10:40</u>
		<u>83</u>	<u>C24</u>	<u>11:26</u>
		<u>84</u>	<u>C25</u>	<u>11:50</u>
		<u>85</u>	<u>C26</u>	<u>12:16</u>
		<u>86</u>	<u>C27</u>	<u>12:50</u>
		<u>87</u>	<u>C28</u>	<u>1:20</u>

• TAT starts 8 a.m. following day if samples received after 5 p.m.	TAT: A= <u>Overnight</u> ≤ 24 hr	B= <u>Emergency</u> Next workday	C= <u>Critical</u> 2 Workdays	D= <u>Urgent</u> 3 Workdays	E= <u>Routine</u> 7 Workdays	Preservatives: H=HCl N=HNO <sub>3</sub> S=H <sub>2</sub> SO <sub>4</sub> C=4°C Z=Zn(AC) <sub>2</sub> O=NaOH T=Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub>
Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal						

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**CLIENT:** Geocon Environmental  
**Project:** Rte 5 - NB, 9100-06-49  
**Lab Order:** 057900

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**CASE NARRATIVE**

Samples were reanalyzed for TCLP Lead, per client request. Both results are reported.



**LEAD BY ATOMIC ABSORPTION  
EPA 1311/ 7420**

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057900
<b>Project:</b>	Rte 5 - NB, 9100-06-49	<b>Date Received:</b>	7/12/2002
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	JT

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057900-005A	N64-S	17	mg/L	9824	0.4	2	7/12/2002	7/25/2002
057900-005A	N64-S	2.7	mg/L	10287	0.2	1	7/12/2002	8/12/2002
057900-009A	N65-S	2.9	mg/L	10287	0.2	1	7/12/2002	8/12/2002
057900-009A	N65-S	17	mg/L	9824	0.4	2	7/12/2002	7/25/2002
057900-013A	N66-S	23	mg/L	9824	0.8	4	7/12/2002	7/25/2002
057900-013A	N66-S	4.3	mg/L	10287	0.2	1	7/12/2002	8/12/2002
057900-017A	N67-0.3	5.0	mg/L	10287	0.2	1	7/12/2002	8/12/2002
057900-017A	N67-0.3	30	mg/L	9824	0.8	4	7/12/2002	7/25/2002
057900-019A	N68-S	7.8	mg/L	10287	0.2	1	7/12/2002	8/12/2002
057900-019A	N68-S	31	mg/L	9824	0.8	4	7/12/2002	7/25/2002
057900-021A	N68-0.6	2.6	mg/L	9854	0.2	1	7/12/2002	7/26/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



**LEAD BY ATOMIC ABSORPTION  
EPA 1311/ 7420**

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057900
<b>Project:</b>	Rte 5 - NB, 9100-06-49	<b>Date Received:</b>	7/12/2002
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	JT

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057900-021A	N68-0.6	4.4	mg/L	10287	0.2	1	7/12/2002	8/12/2002
057900-024A	N69-0.3	32	mg/L	9824	0.8	4	7/12/2002	7/25/2002
057900-024A	N69-0.3	11	mg/L	10287	0.2	1	7/12/2002	8/12/2002
057900-037A	N73-0.6	23	mg/L	9824	0.8	4	7/12/2002	7/25/2002
057900-037A	N73-0.6	4.4	mg/L	10287	0.2	1	7/12/2002	8/12/2002
057900-043A	N75-0.3	2.1	mg/L	10287	0.2	1	7/12/2002	8/12/2002
057900-043A	N75-0.3	18	mg/L	9824	0.4	2	7/12/2002	7/25/2002
057900-045A	N76-S	5.8	mg/L	10128	0.2	1	7/12/2002	8/7/2002
057900-045A	N76-S	38	mg/L	9824	1	5	7/12/2002	7/25/2002
057900-046A	N76-0.3	7.4	mg/L	10287	0.2	1	7/12/2002	8/12/2002
057900-046A	N76-0.3	28	mg/L	9825	0.8	4	7/12/2002	7/25/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



**LEAD BY ATOMIC ABSORPTION  
EPA 1311/ 7420**

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057900
<b>Project:</b>	Rte 5 - NB, 9100-06-49	<b>Date Received:</b>	7/12/2002
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	JT

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057900-049A	N77-S	14	mg/L	10288	0.4	2	7/12/2002	8/12/2002
057900-049A	N77-S	26	mg/L	9825	0.8	4	7/12/2002	7/25/2002
057900-051A	N77-0.6	150	mg/L	9825	4	20	7/12/2002	7/25/2002
057900-051A	N77-0.6	7.7	mg/L	10128	0.2	1	7/12/2002	8/7/2002
057900-052A	N77-0.9	37	mg/L	9825	0.8	4	7/12/2002	7/25/2002
057900-052A	N77-0.9	5.8	mg/L	10128	0.2	1	7/12/2002	8/7/2002
057900-053A	N78-S	6.5	mg/L	10288	0.2	1	7/12/2002	8/12/2002
057900-053A	N78-S	33	mg/L	9825	0.8	4	7/12/2002	7/25/2002
057900-054A	N78-0.3	5.1	mg/L	10288	0.2	1	7/12/2002	8/12/2002
057900-054A	N78-0.3	29	mg/L	9825	0.8	4	7/12/2002	7/25/2002
057900-056A	N79-S	5.7	mg/L	10288	0.2	1	7/12/2002	8/12/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



**LEAD BY ATOMIC ABSORPTION  
EPA 1311/ 7420**

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057900
<b>Project:</b>	Rte 5 - NB, 9100-06-49	<b>Date Received:</b>	7/12/2002
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	JT

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057900-056A	N79-S	12	mg/L	9825	0.4	2	7/12/2002	7/25/2002
057900-060A	N80-S	1.5	mg/L	10288	0.2	1	7/12/2002	8/12/2002
057900-060A	N80-S	36	mg/L	9825	0.8	4	7/12/2002	7/25/2002
057900-061A	N80-0.3	9.4	mg/L	10288	0.2	1	7/12/2002	8/12/2002
057900-061A	N80-0.3	31	mg/L	9825	0.8	4	7/12/2002	7/25/2002
057900-065A	N81-0.3	4.5	mg/L	10288	0.2	1	7/12/2002	8/12/2002
057900-065A	N81-0.3	33	mg/L	9825	0.8	4	7/12/2002	7/25/2002
057900-068A	N82-S	4.0	mg/L	10288	0.2	1	7/12/2002	8/12/2002
057900-068A	N82-S	23	mg/L	9826	0.8	4	7/12/2002	7/25/2002
057900-069A	N82-0.3	25	mg/L	9826	0.8	4	7/12/2002	7/25/2002
057900-069A	N82-0.3	6.1	mg/L	10288	0.2	1	7/12/2002	8/12/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



**LEAD BY ATOMIC ABSORPTION  
EPA 1311/ 7420**

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057900
<b>Project:</b>	Rte 5 - NB, 9100-06-49	<b>Date Received:</b>	7/12/2002
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	JT

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057900-074A	N84-S	3.0	mg/L	10288	0.2	1	7/12/2002	8/12/2002
057900-074A	N84-S	ND	mg/L	9854	0.2	1	7/12/2002	7/26/2002
057900-077A	N85-S	19	mg/L	10288	0.4	2	7/12/2002	8/12/2002
057900-077A	N85-S	ND	mg/L	9854	0.2	1	7/12/2002	7/26/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified





Advanced Technology Laboratories

Date: 13-Aug-02

CLIENT: Geocon Environmental
Work Order: 057900
Project: Rte 5 - NB, 9100-06-49

ANALYTICAL QC SUMMARY REPORT

TestCode: 7420\_TC

Table with 13 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, Analysis Date, SeqNo, Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual. Row 1: MB-9826, mblk, 7420\_TC, mg/L, 7/23/2002, AA2\_020725C, ZZZZZ, 9826, EPA 1311/ 74 (EPA 3010A), 7/25/2002, 306005, Lead, 0.05739, 0.20, J

Table with 13 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, Analysis Date, SeqNo, Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual. Row 1: MB-9767-TCLP, mblk, 7420\_TC, mg/L, 7/23/2002, AA2\_020725C, ZZZZZ, 9826, EPA 1311/ 74 (EPA 3010A), 7/25/2002, 306006, Lead, 0.09446, 0.20, J

Table with 13 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, Analysis Date, SeqNo, Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual. Row 1: MB-9824, mblk, 7420\_TC, mg/L, 7/23/2002, AA2\_020725D, ZZZZZ, 9824, EPA 1311/ 74 (EPA 3010A), 7/25/2002, 306015, Lead, ND, 0.20

Table with 13 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, Analysis Date, SeqNo, Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual. Row 1: MB-9765-TCLP, mblk, 7420\_TC, mg/L, 7/23/2002, AA2\_020725D, ZZZZZ, 9824, EPA 1311/ 74 (EPA 3010A), 7/25/2002, 306016, Lead, ND, 0.20

Table with 13 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, Analysis Date, SeqNo, Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual. Row 1: MB-9825, mblk, 7420\_TC, mg/L, 7/23/2002, AA2\_020725E, ZZZZZ, 9825, EPA 1311/ 74 (EPA 3010A), 7/25/2002, 306030, Lead, ND, 0.20

Qualifiers: ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits DO- Surrogate dilute out
J - Analyte detected below quantitation limits B - Analyte detected in the associated Method Blank H - Sample exceeded holding time
R - RPD outside accepted recovery limits Calculations are based on raw values



CLIENT: Geocon Environmental  
Work Order: 057900  
Project: Rte 5 - NB, 9100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 7420\_TC

Sample ID	MB-9766-TCLP	SampType:	mbtk	TestCode:	7420_TC	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020725E			
Client ID:	ZZZZZ	Batch ID:	9825	TestNo:	EPA 1311/ 74 (EPA 3010A)			Analysis Date:	7/25/2002	SeqNo:	306031			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead ND 0.20

Sample ID	MB-9854	SampType:	MBLK	TestCode:	7420_TC	Units:	mg/L	Prep Date:	7/25/2002	Run ID:	AA2_020726E			
Client ID:	ZZZZZ	Batch ID:	9854	TestNo:	EPA 1311/ 74 (EPA 3010A)			Analysis Date:	7/26/2002	SeqNo:	306811			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead ND 0.20

Sample ID	MB-9849-TCLP	SampType:	MBLK	TestCode:	7420_TC	Units:	mg/L	Prep Date:	7/25/2002	Run ID:	AA2_020726E			
Client ID:	ZZZZZ	Batch ID:	9854	TestNo:	EPA 1311/ 74 (EPA 3010A)			Analysis Date:	7/26/2002	SeqNo:	306812			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead ND 0.20

Sample ID	MB-10128	SampType:	mbtk	TestCode:	7420_TC	Units:	mg/L	Prep Date:	8/6/2002	Run ID:	AA2_020807L			
Client ID:	ZZZZZ	Batch ID:	10128	TestNo:	EPA 1311/ 74 (EPA 3010A)			Analysis Date:	8/7/2002	SeqNo:	315058			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 0.09013 0.20

Sample ID	MB-10110TCLP	SampType:	mbtk	TestCode:	7420_TC	Units:	mg/L	Prep Date:	8/6/2002	Run ID:	AA2_020807L			
Client ID:	ZZZZZ	Batch ID:	10128	TestNo:	EPA 1311/ 74 (EPA 3010A)			Analysis Date:	8/7/2002	SeqNo:	315059			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 0.09848 0.20 0 0 0 0 0 0 0 0

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



CLIENT: Geocon Environmental  
Work Order: 057900  
Project: Rte 5 - NB, 9100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 7420\_TC

Sample ID	MB-10287	SampType:	MBLK	TestCode:	7420_TC	Units:	mg/L	Prep Date:	8/12/2002	Run ID:	AA2_020812M			
Client ID:	ZZZZZ	Batch ID:	10287	TestNo:	EPA 1311/ 74 (EPA 3010A)			Analysis Date:	8/12/2002	SeqNo:	317275			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 0.06402 0.20

Sample ID	MB-10281-TCLP	SampType:	MBLK	TestCode:	7420_TC	Units:	mg/L	Prep Date:	8/12/2002	Run ID:	AA2_020812M			
Client ID:	ZZZZZ	Batch ID:	10287	TestNo:	EPA 1311/ 74 (EPA 3010A)			Analysis Date:	8/12/2002	SeqNo:	317276			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 0.05515 0.20

Sample ID	MB-10282-TCLP	SampType:	MBLK	TestCode:	7420_TC	Units:	mg/L	Prep Date:	8/12/2002	Run ID:	AA2_020812N			
Client ID:	ZZZZZ	Batch ID:	10288	TestNo:	EPA 1311/ 74 (EPA 3010A)			Analysis Date:	8/12/2002	SeqNo:	317292			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead ND 0.20

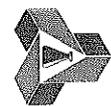
Sample ID	LCS-9826	SampType:	Ics	TestCode:	7420_TC	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020725C			
Client ID:	ZZZZZ	Batch ID:	9826	TestNo:	EPA 1311/ 74 (EPA 3010A)			Analysis Date:	7/25/2002	SeqNo:	306013			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 0.9968 0.20 1 0 99.7 80 120 0 0

Sample ID	LCS-9824	SampType:	Ics	TestCode:	7420_TC	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020725D			
Client ID:	ZZZZZ	Batch ID:	9824	TestNo:	EPA 1311/ 74 (EPA 3010A)			Analysis Date:	7/25/2002	SeqNo:	306029			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 0.875 0.20 1 0 87.5 80 120 0 0

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



CLIENT: Geocon Environmental  
Work Order: 057900  
Project: Rte 5 - NB, 9100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 7420\_TC

Sample ID	LCS-9825	SampType:	Ics	TestCode:	7420_TC	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020725E			
Client ID:	ZZZZZ	Batch ID:	9825	TestNo:	EPA 1311/ 74 (EPA 3010A)			Analysis Date:	7/25/2002	SeqNo:	306045			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead		1.07		0.20	1	0		107	80	120	0	0		
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Sample ID	LCS-9854	SampType:	LCS	TestCode:	7420_TC	Units:	mg/L	Prep Date:	7/25/2002	Run ID:	AA2_020726E			
Client ID:	ZZZZZ	Batch ID:	9854	TestNo:	EPA 1311/ 74 (EPA 3010A)			Analysis Date:	7/26/2002	SeqNo:	306819			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead		1.071		0.20	1	0		107	80	120	0	0		
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Sample ID	LCS-10128	SampType:	Ics	TestCode:	7420_TC	Units:	mg/L	Prep Date:	8/6/2002	Run ID:	AA2_020807L			
Client ID:	ZZZZZ	Batch ID:	10128	TestNo:	EPA 1311/ 74 (EPA 3010A)			Analysis Date:	8/7/2002	SeqNo:	315068			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead		1.146		0.20	1	0		115	80	120	0	0		
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Sample ID	LCS-10287	SampType:	LCS	TestCode:	7420_TC	Units:	mg/L	Prep Date:	8/12/2002	Run ID:	AA2_020812M			
Client ID:	ZZZZZ	Batch ID:	10287	TestNo:	EPA 1311/ 74 (EPA 3010A)			Analysis Date:	8/12/2002	SeqNo:	317290			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead		1.161		0.20	1	0		116	80	120	0	0		
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Sample ID	LCS-10288	SampType:	LCS	TestCode:	7420_TC	Units:	mg/L	Prep Date:	8/12/2002	Run ID:	AA2_020812N			
Client ID:	ZZZZZ	Batch ID:	10288	TestNo:	EPA 1311/ 74 (EPA 3010A)			Analysis Date:	8/12/2002	SeqNo:	317307			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead		1.146		0.20	1	0		115	80	120	0	0		
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Qualifiers: ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



**CLIENT:** Geocon Environmental  
**Work Order:** 057900  
**Project:** Rte 5 - NB, 9100-06-49

### ANALYTICAL QC SUMMARY REPORT

**TestCode:** 7420\_TC

Sample ID	057900-069AMS	SampType:	MS	TestCode:	7420_TC	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020725C	
Client ID:	N82-0.3	Batch ID:	9826	TestNo:	EPA 1311/ 74 (EPA 3010A)	Analysis Date:	7/25/2002	SeqNo:	306010			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	

Lead	30.33	0.80	2.5	24.86	219	80	120	0	0		S
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Sample ID	057900-045AMS	SampType:	MS	TestCode:	7420_TC	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020725D	
Client ID:	N76-S	Batch ID:	9824	TestNo:	EPA 1311/ 74 (EPA 3010A)	Analysis Date:	7/25/2002	SeqNo:	306027			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	

Lead	37.73	1.0	2.5	37.77	-1.57	80	120	0	0		S
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Sample ID	057900-065AMS	SampType:	MS	TestCode:	7420_TC	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020725E	
Client ID:	N81-0.3	Batch ID:	9825	TestNo:	EPA 1311/ 74 (EPA 3010A)	Analysis Date:	7/25/2002	SeqNo:	306043			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	

Lead	31.13	0.80	2.5	32.68	-61.8	80	120	0	0		S
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Sample ID	057900-021AMS	SampType:	MS	TestCode:	7420_TC	Units:	mg/L	Prep Date:	7/25/2002	Run ID:	AA2_020726E	
Client ID:	N68-0.6	Batch ID:	9854	TestNo:	EPA 1311/ 74 (EPA 3010A)	Analysis Date:	7/26/2002	SeqNo:	306817			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	

Lead	4.734	0.20	2.5	2.56	87	80	120	0	0		
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Sample ID	058010-001AMS	SampType:	MS	TestCode:	7420_TC	Units:	mg/L	Prep Date:	8/6/2002	Run ID:	AA2_020807L	
Client ID:	ZZZZZ	Batch ID:	10128	TestNo:	EPA 1311/ 74 (EPA 3010A)	Analysis Date:	8/7/2002	SeqNo:	315066			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	

Lead	3.005	0.20	2.5	0.1984	112	80	120	0	0		
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**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



CLIENT: Geocon Environmental  
Work Order: 057900  
Project: Rte 5 - NB, 9100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 7420\_TC

Sample ID	057900-046AMS	SampType:	MS	TestCode:	7420_TC	Units:	mg/L	Prep Date:	8/12/2002	Run ID:	AA2_020812M			
Client ID:	N76-0.3	Batch ID:	10287	TestNo:	EPA 1311/ 74 (EPA 3010A)			Analysis Date:	8/12/2002	SeqNo:	317288			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	9.469	0.20	2.5	7.377	83.7	80	120	0	0					
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Sample ID	057900-077AMS	SampType:	MS	TestCode:	7420_TC	Units:	mg/L	Prep Date:	8/12/2002	Run ID:	AA2_020812N			
Client ID:	N85-S	Batch ID:	10288	TestNo:	EPA 1311/ 74 (EPA 3010A)			Analysis Date:	8/12/2002	SeqNo:	317305			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	21.49	0.40	3.125	19.49	64	80	120	0	0				S
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Sample ID	057900-069ADUP	SampType:	DUP	TestCode:	7420_TC	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020725C			
Client ID:	N82-0.3	Batch ID:	9826	TestNo:	EPA 1311/ 74 (EPA 3010A)			Analysis Date:	7/25/2002	SeqNo:	306009			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	24.87	0.80	0	0	0	0	0	24.86	0.0351				30
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Sample ID	057900-045ADUP	SampType:	DUP	TestCode:	7420_TC	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020725D			
Client ID:	N76-S	Batch ID:	9824	TestNo:	EPA 1311/ 74 (EPA 3010A)			Analysis Date:	7/25/2002	SeqNo:	306026			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	35.27	1.0	0	0	0	0	0	37.77	6.87				30
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Sample ID	057900-065ADUP	SampType:	DUP	TestCode:	7420_TC	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020725E			
Client ID:	N81-0.3	Batch ID:	9825	TestNo:	EPA 1311/ 74 (EPA 3010A)			Analysis Date:	7/25/2002	SeqNo:	306042			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	32.88	0.80	0	0	0	0	0	32.68	0.622				30
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**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



CLIENT: Geocon Environmental  
Work Order: 057900  
Project: Rte 5 - NB, 9100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 7420\_TC

Sample ID	057900-021ADUP	SampType:	DUP	TestCode:	7420_TC	Units:	mg/L	Prep Date:	7/25/2002	Run ID:	AA2_020726E		
Client ID:	N68-0.6	Batch ID:	9854	TestNo:	EPA 1311/ 74 (EPA 3010A)			Analysis Date:	7/26/2002	SeqNo:	306816		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 3.046 0.20 0 0 0 0 0 0 2.56 17.3 30

Sample ID	058010-001ADUP	SampType:	DUP	TestCode:	7420_TC	Units:	mg/L	Prep Date:	8/6/2002	Run ID:	AA2_020807L		
Client ID:	ZZZZZ	Batch ID:	10128	TestNo:	EPA 1311/ 74 (EPA 3010A)			Analysis Date:	8/7/2002	SeqNo:	315065		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 0.1701 0.20 0 0 0 0 0 0 0.1984 0 30 J

Sample ID	057900-046ADUP	SampType:	DUP	TestCode:	7420_TC	Units:	mg/L	Prep Date:	8/12/2002	Run ID:	AA2_020812M		
Client ID:	N76-0.3	Batch ID:	10287	TestNo:	EPA 1311/ 74 (EPA 3010A)			Analysis Date:	8/12/2002	SeqNo:	317287		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 7.648 0.20 0 0 0 0 0 0 7.377 3.61 30

Sample ID	057900-077ADUP	SampType:	DUP	TestCode:	7420_TC	Units:	mg/L	Prep Date:	8/12/2002	Run ID:	AA2_020812N		
Client ID:	N85-S	Batch ID:	10288	TestNo:	EPA 1311/ 74 (EPA 3010A)			Analysis Date:	8/12/2002	SeqNo:	317304		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 18.57 0.80 0 0 0 0 0 0 19.49 4.84 30

Qualifiers: ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values

July 18, 2002

Chris King  
Geocon Environmental  
6970 Flanders Drive  
San Diego, CA 92121  
TEL: (858) 558-6100  
FAX: (858) 558-8437  
RE: Rte 5-NB, 9100-06-49  
Attention: Chris King

AUG 05 2002

ELAP No.: 1838  
NELAP No.: 02107CA  
Workorder No.: 057892

Enclosed are the results for sample(s) received on July 11, 2002 by Advanced Technology Laboratories and tested for the parameters indicated in the enclosed chain of custody.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (562)989-4045 if I can be of further assistance to your company.

Sincerely,



Eddie F. Rodriguez  
Laboratory Director

This cover letter is an integral part of this analytical report.



# CHAIN OF CUSTODY RECORD



**Advanced Technology  
Laboratories**

3275 Walnut Avenue  
Signal Hill, CA 90807  
(562) 989-4045 • FAX (562) 989-4040

**FOR LABORATORY USE ONLY:**

P.O.#: \_\_\_\_\_  
Logged By: [Signature] Date: 7/11/02

Method of Transport  
Walk-in   
Courier   
UPS   
FED. EXP.   
ATL

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 ENVIRONMENTAL - SAN DIEGO** Address: 6970 Flanders Drive TEL: ( 858 ) 558-6100  
Attn: Chris King City San Diego State CA Zip Code 92121 FAX: ( 858 ) 558-8437

Project Name: Rte 5-NB Project #: 9000-06-48 Sampler: CSK/GCA (Signature) [Signature]

Relinquished by: [Signature] Date: 7/11 Time: 4:30p Received by: [Signature] Date: 7-11-02 Time: 1:30p  
Relinquished by: [Signature] Date: 7-11-02 Time: 8:20p Received by: [Signature] Date: 7-12-02 Time: \_\_\_\_\_  
Relinquished by: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_ Received by: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

I hereby authorize ATL to perform the work indicated below:  
Project Mgr /Submitter:  
CSK 7/11  
Print Name Date  
[Signature]

Send Report To:  
Attn: \_\_\_\_\_  
Co: Client  
Address \_\_\_\_\_  
City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Bill To:  
Attn: \_\_\_\_\_  
Co: Client  
Address \_\_\_\_\_  
City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Special Instructions/Comments:  
Attached

Unless otherwise requested, all samples will be disposed 45 days after receipt.  
Sample Archive/Disposal:  
 Laboratory Standard  
 Other \_\_\_\_\_  
 Return To: \_\_\_\_\_  
\* \$10.00 FEE PER HAZARDOUS SAMPLE DISPOSAL.

Circle or Add Analysis(es) Requested  
8091 / 8082 (Pesticides/PCB-GC)  
8260 (Volatile-GC/MS)  
825 / 8270 (BVA-GC/MS)  
Metals-Total (CAC-8010 / 7000)  
8015M TPH/BTEX (COMBINATION)  
8018M TPH/D (Diesel-GC)  
Total Lead/BVA

CIRCLE APPROPRIATE MATRIX  
SOLID • SLUDGE  
OIL • SOLVENT • LIQUID  
WATER • WASTEWATER  
DRINKING WATER  
AIR  
WIPE • FILTER  
OTHER  
TAT # Type  
Container(s)  
PRESERVATION  
RTNE   
RWQCB   
WIP   
NAVY   
CT   
OTHER \_\_\_\_\_  
REMARKS

ITEM	LAB USE ONLY:		Sample Description			
	Batch #:	Lab No.	Sample I.D.	Date	Time	
		80	E14 C13	7/11	9:40	
		81	E15 C14		10:10	
		82	E16 C15		10:45	
		83	E17 C16		11:30	
		84	C17		11:50	
		85	C18		12:15	
		86	C19		1:20	
		87	C20		2:00	

• TAT starts 8 a.m. following day if samples received after 5 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<sub>3</sub> S=H<sub>2</sub>SO<sub>4</sub> C=4°C Z=Zn(AC)<sub>2</sub> O=NaOH T=Na<sub>2</sub>S<sub>2</sub>O<sub>8</sub>  
Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

# CHAIN OF CUSTODY RECORD



**Advanced Technology  
Laboratories**

3275 Walnut Avenue  
Signal Hill, CA 90807  
(562) 989-4045 • FAX (562) 989-4040

### FOR LABORATORY USE ONLY:

P.O.#: _____	Method of Transport Walk-in <input type="checkbox"/> Courier <input type="checkbox"/> UPS <input type="checkbox"/> FED. EXP. <input type="checkbox"/> ATL <input checked="" type="checkbox"/>	Sample Condition Upon Receipt 1. CHILLED Y <input type="checkbox"/> N <input checked="" type="checkbox"/> 4. SEALED Y <input type="checkbox"/> N <input checked="" type="checkbox"/> 2. HEADSPACE (VOA) Y <input type="checkbox"/> N <input type="checkbox"/> 5. # OF SPLS MATCH COC Y <input checked="" type="checkbox"/> N <input type="checkbox"/> 3. CONTAINER INTACT Y <input checked="" type="checkbox"/> N <input type="checkbox"/> 6. PRESERVED Y <input type="checkbox"/> N <input type="checkbox"/>
Logged By: <u>SM</u>	Date: <u>7/12/02</u>	

Client: <b>GEOCON ENVIRONMENTAL - SAN DIEGO</b>	Address: 6970 Flanders Drive	TEL: ( 858 ) 558-6100
Attn: <u>Chris King</u>	City: San Diego State: CA Zip Code: 92121	FAX: ( 858 ) 558-8437

Project Name: <u>Rte 5-NB</u>	Project #: <u>9100-06-49</u>	Sampler: <u>GCA</u> (Printed Name)	(Signature)
Relinquished by: <u>[Signature]</u> (Signature and Printed Name)	Date: <u>7/10</u>	Time: <u>4:30p</u>	Received by: <u>[Signature]</u> (Signature and Printed Name)
Relinquished by: <u>[Signature]</u> (Signature and Printed Name)	Date: <u>7-11-02</u>	Time: <u>8:20p</u>	Received by: <u>[Signature]</u> (Signature and Printed Name)
Relinquished by: _____ (Signature and Printed Name)	Date: _____	Time: _____	Received by: _____ (Signature and Printed Name)

I hereby authorize ATL to perform the work indicated below: Project Mgr /Submitter: <u>CSK</u> <u>7/10</u> Print Name Date <u>[Signature]</u> Signature	Send Report To: Attn: _____ Co: <u>Client</u> Address _____ City _____ State _____ Zip _____	Bill To: Attn: _____ Co: <u>Client</u> Address _____ City _____ State _____ Zip _____	Special Instructions/Comments: <u>Attached</u>
--	--	---	---

Unless otherwise requested, all samples will be disposed 45 days after receipt.

Sample Archive/Disposal:  
 Laboratory Standard  
 Other \_\_\_\_\_  
 Return To: \_\_\_\_\_

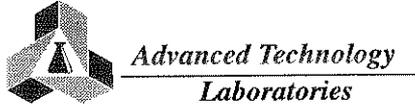
\* \$10.00 FEE PER HAZARDOUS SAMPLE DISPOSAL.

Circle or Add Analysis(es) Requested	CIRCLE APPROPRIATE MATRIX	PRESERVATION	QA/QC
8081 / 8092 (Pesticides-PCR-GC) 8260 (Volatiles-GC/MS) 825 / 8270 (BNA-GC/MS) Metals Total (CAC-8010 / 7000) 8015M TPH/G/BTEX (COMBINATION) 8015M TP-H/D (Diesel-GC) <u>Total lead gold</u>	SOLID (SOL) • SLUDGE OIL • SOLVENT • LIQUID WATER • WASTEWATER DRINKING WATER AIR WIPE • FILTER OTHER	RTNE <input type="checkbox"/> RWQCB <input type="checkbox"/> WIP <input type="checkbox"/> NAVY <input type="checkbox"/> CT <input checked="" type="checkbox"/> OTHER	REMARKS

ITEM	LAB USE ONLY:		Sample Description		Date	Time
	Batch #:	Lab No.	Sample I.D.			
		<u>057892-001</u>	<u>N38-S</u>		<u>7/10</u>	<u>9:15</u>
		<u>2</u>	<u>N38-0.3</u>			<u>9:20</u>
		<u>3</u>	<u>N38-0.6</u>			<u>9:25</u>
		<u>4</u>	<u>N39-S</u>			<u>9:20</u>
		<u>5</u>	<u>N39-0.3</u>			<u>9:25</u>
		<u>6</u>	<u>N39-0.6</u>			<u>9:30</u>
		<u>7</u>	<u>N40-S</u>			<u>9:15</u>
		<u>8</u>	<u>N40-0.3</u>			<u>9:20</u>
		<u>9</u>	<u>N40-0.6</u>			<u>9:25</u>
		<u>10</u>	<u>N40-0.9</u>			<u>9:30</u>

• TAT starts 8 a.m. following day if samples received after 5 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 <sub>3</sub> S=H <sub>2</sub> SO <sub>4</sub> C=4°C Z=Zn(AC) <sub>2</sub> O=NaOH T=Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub>
Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal						

# CHAIN OF CUSTODY RECORD



**Advanced Technology Laboratories**  
 3275 Walnut Avenue  
 Signal Hill, CA 90807  
 (562) 989-4045 • FAX (562) 989-4040

## FOR LABORATORY USE ONLY:

P.O.#: _____	Method of Transport Walk-in <input type="checkbox"/> Courier <input type="checkbox"/> UPS <input type="checkbox"/> FED. EXP. <input type="checkbox"/> ATL <input checked="" type="checkbox"/>	Sample Condition Upon Receipt 1. CHILLED Y <input type="checkbox"/> N <input checked="" type="checkbox"/> 4. SEALED Y <input type="checkbox"/> N <input checked="" type="checkbox"/> 2. HEADSPACE (VOA) Y <input type="checkbox"/> N <input type="checkbox"/> 5. # OF SPLS MATCH COC Y <input checked="" type="checkbox"/> N <input type="checkbox"/> 3. CONTAINER INTACT Y <input checked="" type="checkbox"/> N <input type="checkbox"/> 6. PRESERVED Y <input type="checkbox"/> N <input checked="" type="checkbox"/>
Logged By: <u>SM</u>	Date: <u>7/12/02</u>	

Client: <b>GEOCON ENVIRONMENTAL - SAN DIEGO</b>	Address: 6970 Flanders Drive	TEL: ( 858 ) 558-6100
Attn: <u>Chris King</u>	City: San Diego State: CA Zip Code: 92121	FAX: ( 858 ) 558-8437

Project Name: <u>Reg 5-NB</u>	Project #: <u>9100-06-49</u>	Sampler: <u>CSK/GCA</u> (Signature)
Relinquished by: <u>[Signature]</u> Date: <u>7/11</u> Time: <u>4:30pm</u>	Received by: <u>[Signature]</u> Date: <u>7-11-02</u> Time: <u>4:30pm</u>	
Relinquished by: <u>[Signature]</u> Date: <u>7-11-02</u> Time: <u>8:20pm</u>	Received by: <u>[Signature]</u> Date: <u>7/12/02</u> Time: _____	
Relinquished by: _____ Date: _____ Time: _____	Received by: _____ Date: _____ Time: _____	

I hereby authorize ATL to perform the work indicated below: Project Mgr /Submitter: <u>CSK</u> <u>7/11</u> Print Name _____ Date _____ Signature <u>[Signature]</u>	Send Report To: Attn: _____ Co: <u>Client</u> Address _____ City _____ State _____ Zip _____	Bill To: Attn: _____ Co: <u>Client</u> Address _____ City _____ State _____ Zip _____	Special Instructions/Comments: <u>Attached</u>
--	--	---	---

Unless otherwise requested, all samples will be disposed 45 days after receipt. Sample Archive/Disposal: <input type="checkbox"/> Laboratory Standard <input type="checkbox"/> Other _____ <input type="checkbox"/> Return To: _____ * \$10.00 FEE PER HAZARDOUS SAMPLE DISPOSAL.	Circle or Add Analysis(es) Requested 8081 / 8092 (Pesticides/PCB-GC) 8269 (Volatiles-GC/MS) 825 / 8270 (BNA-GC/MS) Metals Total (CAC-8010 / 7000) 8015M TPH/G/BTEX (COMBINATION) 8015M TP-HID (Diesel/GC) <u>Total / Total 8010</u>	CIRCLE APPROPRIATE MATRIX SOLID • SOIL / SLUDGE OIL • SOLVENT • LIQUID WATER • WASTEWATER DRINKING WATER AIR WIPE • FILTER OTHER _____	PRESERVATION RTNE <input type="checkbox"/> RWQCB <input type="checkbox"/> WIP <input type="checkbox"/> NAVY <input type="checkbox"/> CT <input checked="" type="checkbox"/> OTHER <input checked="" type="checkbox"/>
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ITEM	LAB USE ONLY:		Sample Description				CIRCLED ANALYSIS REQUESTED										CONTAINER(S)		REMARKS			
	Batch #:	Lab No.	Sample I.D.	Date	Time	8081 / 8092 (Pesticides/PCB-GC)	8269 (Volatiles-GC/MS)	825 / 8270 (BNA-GC/MS)	Metals Total (CAC-8010 / 7000)	8015M TPH/G/BTEX (COMBINATION)	8015M TP-HID (Diesel/GC)	SOLID • SOIL / SLUDGE	OIL • SOLVENT • LIQUID	WATER • WASTEWATER	DRINKING WATER	AIR	WIPE • FILTER	OTHER		TAT #	Type	
		11	N41-S	7/11	9:28						X										E 154	
		12	N41-0.3		9:32																	
		13	N41-0.6		9:36																	
		14	N41-0.9		9:41																	
		15	N42-S		9:40																	
		16	N42-0.3		9:48																	
		17	N43-S		9:45																	
		18	N43-0.3		9:50																	
		19	N43-0.6		9:55																	
		20	N43-0.9		10:01																	

• TAT starts 8 a.m. following day if samples received after 5 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 <sub>3</sub> S=H <sub>2</sub> SO <sub>4</sub> C=4°C Z=Zn(AC) <sub>2</sub> O=NaOH T=Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub>
Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Teclar G=Glass P=Plastic M=Metal						

# CHAIN OF CUSTODY RECORD

<p><b>Advanced Technology Laboratories</b></p> <p>3275 Walnut Avenue Signal Hill, CA 90807 (562) 989-4045 • FAX (562) 989-4040</p>	<b>FOR LABORATORY USE ONLY:</b>		<b>Method of Transport</b> Walk-in <input type="checkbox"/> Courier <input type="checkbox"/> UPS <input type="checkbox"/> FED. EXP. <input type="checkbox"/> ATL <input checked="" type="checkbox"/>	<b>Sample Condition Upon Receipt</b> 1. CHILLED <input type="checkbox"/> N <input checked="" type="checkbox"/> 4. SEALED <input type="checkbox"/> N <input checked="" type="checkbox"/> 2. HEADSPACE (VOA) <input type="checkbox"/> N <input type="checkbox"/> 5. # OF SPLS MATCH COC <input checked="" type="checkbox"/> N <input type="checkbox"/> 3. CONTAINER INTACT <input checked="" type="checkbox"/> N <input type="checkbox"/> 6. PRESERVED <input type="checkbox"/> N <input checked="" type="checkbox"/>
	P.O.#: _____ Logged By: <u>SM</u> Date: <u>7/11/02</u> Time: _____			

Client: <b>GEOCON ENVIRONMENTAL - SAN DIEGO</b>	Address: 6970 Flanders Drive	TEL: ( 858 ) 558-6100
Attn: <u>Chris King</u>	City: San Diego State: CA Zip Code: 92121	FAX: ( 858 ) 558-8437

Project Name: <u>Rte 5-NB</u>	Project #: <u>9100-06-49</u>	Sampler: <u>CSK/GCA</u> (Signature) <u>SM</u> (Printed Name)
Relinquished by: <u>SM</u> (Signature and Printed Name) Date: <u>7/11</u> Time: <u>4:30p</u>	Received by: <u>SM</u> (Signature and Printed Name) Date: <u>7-11-02</u> Time: <u>8:20p</u>	
Relinquished by: <u>SM</u> (Signature and Printed Name) Date: <u>7-11-02</u> Time: <u>8:20p</u>	Received by: <u>SM</u> (Signature and Printed Name) Date: <u>7/11/02</u> 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: <u>CSK</u> <u>7/11</u> Print Name Date Signature _____	Send Report To: Attn: _____ Co: <u>Client</u> Address _____ City _____ State _____ Zip _____	Bill To: Attn: _____ Co: <u>Client</u> Address _____ City _____ State _____ Zip _____	Special Instructions/Comments: <u>Attached</u>
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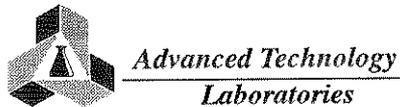
Unless otherwise requested, all samples will be disposed 45 days after receipt. Sample Archive/Disposal: <input type="checkbox"/> Laboratory Standard <input type="checkbox"/> Other <input type="checkbox"/> Return To: _____ * \$10.00 FEE PER HAZARDOUS SAMPLE DISPOSAL.	Circle or Add Analysis(es) Requested 8081 / 8092 (Pesticides/PCR-GC) 8260 (Nitrates-GC/MS) 825 / 8270 (BNA-GC/MS) Metals Total (CAC-GC/MS) 8015M TPH/G/BTEX (COMBINATION) 8015M TPH/D (Diesel-GC) <u>Total Lead 6000</u>	CIRCLE APPROPRIATE MATRIX SOLID <input checked="" type="checkbox"/> SLUDGE OIL • SOLVENT • LIQUID WATER • WASTEWATER DRINKING WATER AIR WIFE • FILTER OTHER _____	Q A / Q C RTNE <input type="checkbox"/> RWQCB <input type="checkbox"/> WIP <input type="checkbox"/> NAVY <input type="checkbox"/> CT <input checked="" type="checkbox"/> OTHER _____
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ITEM	LAB USE ONLY:		Sample Description				CIRCLE APPROPRIATE MATRIX										PRESERVATION	REMARKS								
	Batch #:	Lab No.	Sample I.D.	Date	Time	8081 / 8092 (Pesticides/PCR-GC)	8260 (Nitrates-GC/MS)	825 / 8270 (BNA-GC/MS)	Metals Total (CAC-GC/MS)	8015M TPH/G/BTEX (COMBINATION)	8015M TPH/D (Diesel-GC)	SOLID <input checked="" type="checkbox"/> SLUDGE	OIL • SOLVENT • LIQUID	WATER • WASTEWATER	DRINKING WATER	AIR			WIFE • FILTER	OTHER _____	TAT	#	Type			
		21	N44-S	7/11	9:55						X															
		22	N44-0.3		10:02																					
		23	N44-0.6		10:11																					
		24	N45-S		10:13																					
		25	N45-0.3		10:23																					
		26	N46-S		10:17																					
		27	N46-0.3		10:28																					
		28	N47-S		10:27																					
		29	N47-0.3		10:33																					
		30	N47-0.6		10:27																					

• TAT starts 8 a.m. following day if samples received after 5 p.m.	TAT: A= <input type="checkbox"/> Overnight ≤ 24 hr B= <input type="checkbox"/> Emergency Next workday C= <input type="checkbox"/> Critical 2 Workdays D= <input type="checkbox"/> Urgent 3 Workdays E= <input type="checkbox"/> Routine 7 Workdays	Preservatives: H=HCl N=HNO <sub>3</sub> S=H <sub>2</sub> SO <sub>4</sub> C=4°C Z=Zn(AC) <sub>2</sub> O=NaOH T=Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub>
Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal		



# CHAIN OF CUSTODY RECORD



3275 Walnut Avenue  
Signal Hill, CA 90807  
(562) 989-4045 • FAX (562) 989-4040

## FOR LABORATORY USE ONLY:

P.O.#: _____	Method of Transport Walk-in <input type="checkbox"/> Courier <input type="checkbox"/> UPS <input type="checkbox"/> FED. EXP. <input type="checkbox"/> ATL <input checked="" type="checkbox"/>	Sample Condition Upon Receipt 1. CHILLED Y <input type="checkbox"/> N <input checked="" type="checkbox"/> 4. SEALED Y <input type="checkbox"/> N <input checked="" type="checkbox"/> 2. HEADSPACE (VOA) Y <input type="checkbox"/> N <input type="checkbox"/> 5. # OF SPLS MATCH COC <input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> 3. CONTAINER INTACT Y <input type="checkbox"/> N <input type="checkbox"/> 6. PRESERVED Y <input type="checkbox"/> N <input type="checkbox"/>
Logged By: <u>DM</u> Date: <u>7/12/02</u> Time: _____		

Client: <b>GEOCON ENVIRONMENTAL - SAN DIEGO</b>	Address: 6970 Flanders Drive	TEL: ( 858 ) 558-6100
Attn: <u>Chris King</u>	City: San Diego State: CA Zip Code: 92121	FAX: ( 858 ) 558-8437

Project Name: <u>R-05-NB</u>	Project #: <u>9100-06-49</u>	Sampler: <u>CSK/GCA</u> (Signature)	(Signature)
Relinquished by: (Signature and Printed Name) <u>[Signature]</u>	Date: <u>7/11</u> Time: <u>4:30p</u>	Received by: (Signature and Printed Name) <u>[Signature]</u>	Date: <u>7-11-02</u> Time: <u>4:30p</u>
Relinquished by: (Signature and Printed Name) <u>[Signature]</u>	Date: <u>7-11-02</u> Time: <u>8:20p</u>	Received by: (Signature and Printed Name) <u>[Signature]</u>	Date: <u>7-12-02</u> 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: <u>CSK</u> <u>du</u> Print Name _____ Date _____ Signature _____	Send Report To: Attn: _____ Co: <u>Client</u> Address _____ City _____ State _____ Zip _____	Bill To: Attn: _____ Co: <u>Client</u> Address _____ City _____ State _____ Zip _____	Special Instructions/Comments: <u>Attached</u>
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Unless otherwise requested, all samples will be disposed 45 days after receipt.  Sample Archive/Disposal: <input type="checkbox"/> Laboratory Standard <input type="checkbox"/> Other _____ <input type="checkbox"/> Return To: _____ * \$10.00 FEE PER HAZARDOUS SAMPLE DISPOSAL.	Circle or Add Analysis(es) Requested 8081 / 8082 (Pesticides/PCR-GC) 8260 (Volatiles-GC/MS) 825 / 8270 (BNA-GC/MS) Metals Total (CAC-8010 / 7000) 8015M TPH/G/STEX (COMBINATION) 8015M TPH/D (Diesel/GC) <u>Total Lead 610</u>	CIRCLE APPROPRIATE MATRIX SOLID <input checked="" type="checkbox"/> SLUDGE OIL • SOLVENT • LIQUID WATER • WASTEWATER DRINKING WATER AIR WIPE • FILTER OTHER _____	Q A / Q C RTNE <input type="checkbox"/> RWQCB <input type="checkbox"/> WIP <input type="checkbox"/> NAVY <input type="checkbox"/> CT <input checked="" type="checkbox"/> OTHER _____
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ITEM	LAB USE ONLY:		Sample Description				TAT	Container(s)		PRESERVATION	REMARKS
	Batch #:	Lab No.	Sample I.D.	Date	Time	#		Type			
		41	N50-0.6	7/11	11:25		E	1	JG		
		42	N50-0.9		11:30						
		43	N51-S		11:15						
		44	N51-0.3		11:22						
		45	N51-0.6		11:27						
		46	N52-S		11:23						
		47	N52-0.3		11:30						
		48	N52-0.6		11:33						
		49	N52-0.9		11:41						
		50	N53-S		11:50						

• TAT starts 8 a.m. following day if samples received after 5 p.m.	TAT: A= <input type="checkbox"/> Overnight ≤ 24 hr	B= <input type="checkbox"/> Emergency Next workday	C= <input type="checkbox"/> Critical 2 Workdays	D= <input type="checkbox"/> Urgent 3 Workdays	E= <input type="checkbox"/> Routine 7 Workdays	Preservatives: H=HCl N=HNO <sub>3</sub> S=H <sub>2</sub> SO <sub>4</sub> C=4°C Z=Zn(AC) <sub>2</sub> O=NaOH T=Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub>
Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal						

# CHAIN OF CUSTODY RECORD



**Advanced Technology  
Laboratories**

3275 Walnut Avenue  
Signal Hill, CA 90807  
(562) 989-4045 • FAX (562) 989-4040

**FOR LABORATORY USE ONLY:**

P.O.#: _____	Method of Transport: Walk-in <input type="checkbox"/> Courier <input type="checkbox"/> UPS <input type="checkbox"/> FED. EXP. <input type="checkbox"/> ATL <input checked="" type="checkbox"/>	Sample Condition Upon Receipt: 1. CHILLED Y <input type="checkbox"/> N <input checked="" type="checkbox"/> 4. SEALED Y <input type="checkbox"/> N <input checked="" type="checkbox"/> 2. HEADSPACE (VOA) Y <input type="checkbox"/> N <input type="checkbox"/> 5. # OF SPLS MATCH COC Y <input checked="" type="checkbox"/> N <input type="checkbox"/> 3. CONTAINER INTACT Y <input checked="" type="checkbox"/> N <input type="checkbox"/> 6. PRESERVED Y <input type="checkbox"/> N <input checked="" type="checkbox"/>
Logged By: <u>SM</u> Date: <u>7/12/02</u> Time: _____		

Client: <b>GEOCON ENVIRONMENTAL - SAN DIEGO</b>	Address: 6970 Flanders Drive	TEL: ( 858 ) 558-6100
Attn: <u>Chris King</u>	City: San Diego State: CA Zip Code: 92121	FAX: ( 858 ) 558-8437

Project Name: <u>Rte 5-NB</u>	Project #: <u>9100-06-49</u>	Sampler: (Printed Name) <u>CSK/GCA</u> (Signature) <u>[Signature]</u>
Relinquished by: (Signature and Printed Name) <u>[Signature]</u> Date: <u>7/11</u> Time: <u>4:30p</u>	Received by: (Signature and Printed Name) <u>[Signature]</u> Date: <u>7-11-02</u> Time: <u>4:30p</u>	
Relinquished by: (Signature and Printed Name) <u>[Signature]</u> Date: <u>7-11-02</u> Time: <u>8:20p</u>	Received by: (Signature and Printed Name) <u>[Signature]</u> Date: <u>7-12-02</u> 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: <u>CSK</u> <u>7/11</u> Print Name Date <u>[Signature]</u>	Send Report To: Attn: _____ Co: <u>Client</u> Address: _____ City _____ State _____ Zip _____	Bill To: Attn: _____ Co: <u>Client</u> Address: _____ City _____ State _____ Zip _____	Special Instructions/Comments: <u>Attached</u>
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Unless otherwise requested, all samples will be disposed 45 days after receipt.	Sample Archive/Disposal: <input type="checkbox"/> Laboratory Standard <input type="checkbox"/> Other _____ <input type="checkbox"/> Return To: _____ * \$10.00 FEE PER HAZARDOUS SAMPLE DISPOSAL.	Circle or Add Analysis(es) Requested: 8081 / 8082 (Pesticides-PCR-GC) 8260 / (Volatiles-GC/MS) 825 / 8270 (BNA-GC/MS) Metals Total (CAC-6010 / 7000) 8015M TPH/G/BTEX (COMBINATION) 8015M TPH/D (Diesel-GC) <u>to be tested</u>	CIRCLE APPROPRIATE MATRIX: SOLID (S) SLUDGE OIL • SOLVENT • LIQUID WATER • WASTEWATER DRINKING WATER AIR WIPE • FILTER OTHER _____	PRESERVATION: RTNE <input type="checkbox"/> RWQCB <input type="checkbox"/> WIP <input type="checkbox"/> NAVY <input type="checkbox"/> CT <input checked="" type="checkbox"/> OTHER _____
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ITEM	LAB USE ONLY:		Sample Description				CIRCLE APPROPRIATE MATRIX										PRESERVATION	REMARKS									
	Batch #:	Lab No.	Sample I.D.	Date	Time	8081 / 8082 (Pesticides-PCR-GC)	8260 / (Volatiles-GC/MS)	825 / 8270 (BNA-GC/MS)	Metals Total (CAC-6010 / 7000)	8015M TPH/G/BTEX (COMBINATION)	8015M TPH/D (Diesel-GC)	SOLID (S) SLUDGE	OIL • SOLVENT • LIQUID	WATER • WASTEWATER	DRINKING WATER	AIR			WIPE • FILTER	OTHER	TAT	#	Type				
		51	N53-0.3	7/11	12:00																						
		52	N53-0.6		12:10																						
		53	N54-S		11:55																						
		54	N54-0.3		12:01																						
		55	N54-0.6		12:08																						
		56	N54-0.9		12:15																						
		57	N55-S		12:18																						
		58	N55-0.3		12:30																						
		59	N55-0.6		12:38																						
		60	N56-S		12:15																						

• TAT starts 8 a.m. following day if samples received after 5 p.m.	TAT: A= <input type="checkbox"/> Overnight ≤ 24 hr	B= <input type="checkbox"/> Emergency Next workday	C= <input type="checkbox"/> Critical 2 Workdays	D= <input type="checkbox"/> Urgent 3 Workdays	E= <input type="checkbox"/> Routine 7 Workdays	Preservatives: H=HCl N=HNO <sub>3</sub> S=H <sub>2</sub> SO <sub>4</sub> C=4°C Z=Zn(AC) <sub>2</sub> O=NaOH T=Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub>
Container Types: T=Tube V=VOA L=Liter P=Pin J=Jar B=Tedlar G=Glass P=Plastic M=Metal						

# CHAIN OF CUSTODY RECORD



**Advanced Technology  
Laboratories**

3275 Walnut Avenue  
Signal Hill, CA 90807  
(562) 989-4045 • FAX (562) 989-4040

**FOR LABORATORY USE ONLY:**

P.O.#: _____	Method of Transport Walk-in <input type="checkbox"/> Courier <input type="checkbox"/> UPS <input type="checkbox"/> FED. EXP. <input type="checkbox"/> ATL <input checked="" type="checkbox"/>	Sample Condition Upon Receipt 1. CHILLED Y <input type="checkbox"/> N <input checked="" type="checkbox"/> 4. SEALED Y <input type="checkbox"/> N <input checked="" type="checkbox"/> 2. HEADSPACE (VOA) Y <input type="checkbox"/> N <input type="checkbox"/> 5. # OF SPLS MATCH COC Y <input checked="" type="checkbox"/> N <input type="checkbox"/> 3. CONTAINER INTACT Y <input checked="" type="checkbox"/> N <input type="checkbox"/> 6. PRESERVED Y <input type="checkbox"/> N <input checked="" type="checkbox"/>
Logged By: <u>SM</u>	Date: <u>7/12/02</u> Time: _____	

Client: <b>GEOCON ENVIRONMENTAL - SAN DIEGO</b>	Address: 6970 Flanders Drive	TEL: ( 858 ) 558-6100
Attn: <u>Chris King</u>	City: San Diego State: CA Zip Code: 92121	FAX: ( 858 ) 558-8437

Project Name: <u>Rte 5-NB</u>	Project #: <u>9100-06-49</u>	Sampler: <u>CSK/ACA</u> (Printed Name)	(Signature) <u>[Signature]</u>
Relinquished by: <u>[Signature]</u>	Date: <u>7/11</u> Time: <u>4:30p</u>	Received by: <u>[Signature]</u>	Date: <u>7-11-02</u> Time: <u>1:30p</u>
Relinquished by: <u>[Signature]</u>	Date: <u>7-11-02</u> Time: <u>8:20p</u>	Received by: <u>[Signature]</u>	Date: <u>7-12-02</u> Time: _____
Relinquished by: _____	Date: _____ Time: _____	Received by: _____	Date: _____ Time: _____

I hereby authorize ATL to perform the work indicated below: Project Mgr /Submitter: <u>CSK</u> <u>7/11</u> Print Name Date <u>[Signature]</u>	Send Report To: Attn: _____ Co: <u>Client</u> Address: _____ City _____ State _____ Zip _____	Bill To: Attn: _____ Co: <u>Client</u> Address: _____ City _____ State _____ Zip _____	Special Instructions/Comments: <u>Attached</u>
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Unless otherwise requested, all samples will be disposed 45 days after receipt.	Sample Archive/Disposal: <input type="checkbox"/> Laboratory Standard <input type="checkbox"/> Other <input type="checkbox"/> Return To: _____ * \$10.00 FEE PER HAZARDOUS SAMPLE DISPOSAL.	Circle or Add Analysis(es) Requested <u>Total Lead Cont</u> 8091 / 8092 (Pesticides/PCB-GC) 8260 (Volatiles-GC/MS) 825 / 8270 (BNA-GCMS) Metals Total (CAC-8010 / 7000) 8015M TPH/G/BTEX (COMBINATION) 8015M TPH/D (Diesel-GC)
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ITEM	LAB USE ONLY:		Sample Description				CIRCLE APPROPRIATE MATRIX										PRESERVATION	REMARKS								
	Batch #:	Lab No.	Sample I.D.	Date	Time	8091 / 8092 (Pesticides/PCB-GC)	8260 (Volatiles-GC/MS)	825 / 8270 (BNA-GCMS)	Metals Total (CAC-8010 / 7000)	8015M TPH/G/BTEX (COMBINATION)	8015M TPH/D (Diesel-GC)	SOLID (SOIL) SLUDGE	OIL • SOLVENT • LIQUID	WATER • WASTEWATER	DRINKING WATER	AIR			WIPE • FILTER	OTHER	TAT	#	Type			
		61	N56-0.3	7/11	12:20																					
		62	N56-0.6		12:30																					
		63	N56-0.9		12:40																					
		64	N57-S		12:50																					
		65	N57-0.3		1:00																					
		66	N57-0.6		1:06																					
		67	N58-S		12:51																					
		68	N58-0.3		12:59																					
		69	N58-0.6		1:07																					
		70	N59-S		1:20																					

• TAT starts 8 a.m. following day if samples received after 5 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 <sub>3</sub> S=H <sub>2</sub> SO <sub>4</sub> C=4°C Z=Zn(AC) <sub>2</sub> O=NaOH T=Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub>
Container Types: T=Tube V=VOA L=Liter P=Pin J=Jar B=Tedlar G=Glass P=Plastic M=Metal						



**Advanced Technology Laboratories**

Date: 7/18/2002

**LEAD BY ICP  
EPA 6010B**

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057892
<b>Project:</b>	Rte 5-NB, 9100-06-49	<b>Date Received:</b>	7/11/2002
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	RQ

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057892-001A	N38-S	780	mg/Kg	9546	5	1	7/11/2002	7/15/2002
057892-002A	N38-0.3	3800	mg/Kg	9546	10	2	7/11/2002	7/16/2002
057892-003A	N38-0.6	2000	mg/Kg	9546	5	1	7/11/2002	7/15/2002
057892-004A	N39-S	350	mg/Kg	9546	5	1	7/11/2002	7/15/2002
057892-005A	N39-0.3	1700	mg/Kg	9546	5	1	7/11/2002	7/15/2002
057892-006A	N39-0.6	1100	mg/Kg	9546	5	1	7/11/2002	7/15/2002
057892-007A	N40-S	1900	mg/Kg	9546	5	1	7/11/2002	7/15/2002
057892-008A	N40-0.3	23	mg/Kg	9546	5	1	7/11/2002	7/15/2002
057892-009A	N40-0.6	680	mg/Kg	9546	5	1	7/11/2002	7/15/2002
057892-010A	N40-0.9	ND	mg/Kg	9546	5	1	7/11/2002	7/15/2002
057892-011A	N41-S	390	mg/Kg	9546	5	1	7/11/2002	7/15/2002

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike/Surrogate outside of limits due to matrix interfere  
 J - Analyte detected below quantitation limits      H - Sample exceeded analytical holding time  
 B - Analyte detected in the associated Method Blank      E - Value above quantitation range  
 DO - Surrogate Diluted Out      Results are wet unless otherwise specified



**Advanced Technology Laboratories**

Date: 7/18/2002

**LEAD BY ICP  
EPA 6010B**

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057892
<b>Project:</b>	Rte 5-NB, 9100-06-49	<b>Date Received:</b>	7/11/2002
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	RQ

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057892-012A	N41-0.3	1300	mg/Kg	9546	5	1	7/11/2002	7/15/2002
057892-013A	N41-0.6	42	mg/Kg	9546	5	1	7/11/2002	7/15/2002
057892-014A	N41-0.9	44	mg/Kg	9546	5	1	7/11/2002	7/15/2002
057892-015A	N42-S	1500	mg/Kg	9546	5	1	7/11/2002	7/15/2002
057892-016A	N42-0.3	890	mg/Kg	9546	5	1	7/11/2002	7/15/2002
057892-017A	N43-S	1900	mg/Kg	9546	5	1	7/11/2002	7/15/2002
057892-018A	N43-0.3	46	mg/Kg	9546	5	1	7/11/2002	7/15/2002
057892-019A	N43-0.6	46	mg/Kg	9546	5	1	7/11/2002	7/15/2002
057892-020A	N43-0.9	9.4	mg/Kg	9546	5	1	7/11/2002	7/15/2002
057892-021A	N44-S	1100	mg/Kg	9547	5	1	7/11/2002	7/15/2002
057892-022A	N44-0.3	1300	mg/Kg	9547	5	1	7/11/2002	7/15/2002

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike/Surrogate outside of limits due to matrix interfere  
 J - Analyte detected below quantitation limits      H - Sample exceeded analytical holding time  
 B - Analyte detected in the associated Method Blank      E - Value above quantitation range  
 DO - Surrogate Diluted Out      Results are wet unless otherwise specified



# Advanced Technology Laboratories

Date: 7/18/2002

## LEAD BY ICP EPA 6010B

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057892
<b>Project:</b>	Rte 5-NB, 9100-06-49	<b>Date Received:</b>	7/11/2002
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	RQ

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057892-023A	N44-0.6	200	mg/Kg	9547	5	1	7/11/2002	7/15/2002
057892-024A	N45-S	2000	mg/Kg	9547	5	1	7/11/2002	7/15/2002
057892-025A	N45-0.3	1300	mg/Kg	9547	5	1	7/11/2002	7/15/2002
057892-026A	N46-S	1500	mg/Kg	9547	5	1	7/11/2002	7/15/2002
057892-027A	N46-0.3	490	mg/Kg	9547	5	1	7/11/2002	7/15/2002
057892-028A	N47-S	850	mg/Kg	9547	5	1	7/11/2002	7/15/2002
057892-029A	N47-0.3	760	mg/Kg	9547	5	1	7/11/2002	7/15/2002
057892-030A	N47-0.6	74	mg/Kg	9547	5	1	7/11/2002	7/15/2002
057892-031A	N47-0.9	400	mg/Kg	9547	5	1	7/11/2002	7/15/2002
057892-032A	N48-S	1300	mg/Kg	9547	5	1	7/11/2002	7/15/2002
057892-033A	N48-0.3	310	mg/Kg	9547	5	1	7/11/2002	7/15/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified

Page 3 of 10



**Advanced Technology Laboratories**

Date: 7/18/2002

**LEAD BY ICP  
EPA 6010B**

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057892
<b>Project:</b>	Rte 5-NB, 9100-06-49	<b>Date Received:</b>	7/11/2002
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	RQ

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057892-034A	N48-0.6	180	mg/Kg	9547	5	1	7/11/2002	7/15/2002
057892-035A	N48-0.9	360	mg/Kg	9547	5	1	7/11/2002	7/15/2002
057892-036A	N49-S	810	mg/Kg	9547	5	1	7/11/2002	7/15/2002
057892-037A	N49-0.3	220	mg/Kg	9547	5	1	7/11/2002	7/15/2002
057892-038A	N49-0.6	350	mg/Kg	9547	5	1	7/11/2002	7/15/2002
057892-039A	N50-S	1200	mg/Kg	9547	5	1	7/11/2002	7/15/2002
057892-040A	N50-0.3	450	mg/Kg	9547	5	1	7/11/2002	7/15/2002
057892-041A	N50-0.6	200	mg/Kg	9548	5	1	7/11/2002	7/15/2002
057892-042A	N50-0.9	160	mg/Kg	9548	5	1	7/11/2002	7/15/2002
057892-043A	N51-S	270	mg/Kg	9548	5	1	7/11/2002	7/15/2002
057892-044A	N51-0.3	170	mg/Kg	9548	5	1	7/11/2002	7/15/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



**Advanced Technology Laboratories**

Date: 7/18/2002

**LEAD BY ICP  
EPA 6010B**

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057892
<b>Project:</b>	Rte 5-NB, 9100-06-49	<b>Date Received:</b>	7/11/2002
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	RQ

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057892-045A	N51-0.6	120	mg/Kg	9548	5	1	7/11/2002	7/15/2002
057892-046A	N52-S	1100	mg/Kg	9548	5	1	7/11/2002	7/15/2002
057892-047A	N52-0.3	890	mg/Kg	9548	5	1	7/11/2002	7/15/2002
057892-048A	N52-0.6	440	mg/Kg	9548	5	1	7/11/2002	7/15/2002
057892-049A	N52-0.9	43	mg/Kg	9548	5	1	7/11/2002	7/15/2002
057892-050A	N53-S	770	mg/Kg	9548	5	1	7/11/2002	7/15/2002
057892-051A	N53-0.3	310	mg/Kg	9548	5	1	7/11/2002	7/16/2002
057892-052A	N53-0.6	230	mg/Kg	9548	5	1	7/11/2002	7/16/2002
057892-053A	N54-S	3500	mg/Kg	9548	10	2	7/11/2002	7/16/2002
057892-054A	N54-0.3	310	mg/Kg	9548	5	1	7/11/2002	7/16/2002
057892-055A	N54-0.6	130	mg/Kg	9548	5	1	7/11/2002	7/16/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



**Advanced Technology Laboratories**

Date: 7/18/2002

**LEAD BY ICP  
EPA 6010B**

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057892
<b>Project:</b>	Rte 5-NB, 9100-06-49	<b>Date Received:</b>	7/11/2002
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	RQ

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057892-056A	N54-0.9	490	mg/Kg	9548	5	1	7/11/2002	7/16/2002
057892-057A	N55-S	730	mg/Kg	9548	5	1	7/11/2002	7/16/2002
057892-058A	N55-0.3	940	mg/Kg	9548	5	1	7/11/2002	7/16/2002
057892-059A	N55-0.6	460	mg/Kg	9548	5	1	7/11/2002	7/16/2002
057892-060A	N56-S	720	mg/Kg	9548	5	1	7/11/2002	7/16/2002
057892-061A	N56-0.3	190	mg/Kg	9549	5	1	7/11/2002	7/16/2002
057892-062A	N56-0.6	65	mg/Kg	9549	5	1	7/11/2002	7/16/2002
057892-063A	N56-0.9	160	mg/Kg	9549	5	1	7/11/2002	7/16/2002
057892-064A	N57-S	470	mg/Kg	9549	5	1	7/11/2002	7/16/2002
057892-065A	N57-0.3	260	mg/Kg	9549	5	1	7/11/2002	7/16/2002
057892-066A	N57-0.6	800	mg/Kg	9549	5	1	7/11/2002	7/16/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



**Advanced Technology Laboratories**

Date: 7/18/2002

**LEAD BY ICP  
EPA 6010B**

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057892
<b>Project:</b>	Rte 5-NB, 9100-06-49	<b>Date Received:</b>	7/11/2002
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	RQ

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057892-067A	N58-S	3400	mg/Kg	9549	10	2	7/11/2002	7/16/2002
057892-068A	N58-0.3	1300	mg/Kg	9549	5	1	7/11/2002	7/16/2002
057892-069A	N58-0.6	840	mg/Kg	9549	5	1	7/11/2002	7/16/2002
057892-070A	N59-S	1600	mg/Kg	9549	5	1	7/11/2002	7/16/2002
057892-071A	N59-0.3	360	mg/Kg	9549	5	1	7/11/2002	7/16/2002
057892-072A	N59-0.6	28	mg/Kg	9549	5	1	7/11/2002	7/16/2002
057892-073A	N60-S	990	mg/Kg	9549	5	1	7/11/2002	7/16/2002
057892-074A	N60-0.3	530	mg/Kg	9549	5	1	7/11/2002	7/16/2002
057892-075A	N61-S	2200	mg/Kg	9549	5	1	7/11/2002	7/16/2002
057892-076A	N61-0.3	890	mg/Kg	9549	5	1	7/11/2002	7/16/2002
057892-077A	N61-0.6	500	mg/Kg	9549	5	1	7/11/2002	7/16/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



**Advanced Technology Laboratories**

Date: 7/18/2002

**LEAD BY ICP  
EPA 6010B**

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<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057892
<b>Project:</b>	Rte 5-NB, 9100-06-49	<b>Date Received:</b>	7/11/2002
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	RQ

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Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057892-078A	N62-S	620	mg/Kg	9549	5	1	7/11/2002	7/16/2002
057892-079A	N62-0.3	340	mg/Kg	9549	5	1	7/11/2002	7/16/2002

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<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



ICP METALS  
EPA 6010B

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057892
<b>Project:</b>	Rte 5-NB, 9100-06-49	<b>Date Received:</b>	7/11/2002
<b>Project No:</b>		<b>Matrix:</b>	Water
<b>PO No:</b>		<b>Analyst:</b>	RQ

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057892-080A	C13	ND	mg/L	9582	0.005	1	7/11/2002	7/16/2002
057892-081A	C14	ND	mg/L	9582	0.005	1	7/11/2002	7/16/2002
057892-082A	C15	ND	mg/L	9582	0.005	1	7/11/2002	7/16/2002
057892-083A	C16	ND	mg/L	9582	0.005	1	7/11/2002	7/16/2002
057892-084A	C17	ND	mg/L	9582	0.005	1	7/11/2002	7/16/2002
057892-085A	C18	ND	mg/L	9582	0.005	1	7/11/2002	7/16/2002
057892-086A	C19	0.0068	mg/L	9582	0.005	1	7/11/2002	7/16/2002
057892-087A	C20	ND	mg/L	9582	0.005	1	7/11/2002	7/16/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



**Advanced Technology Laboratories**

Date: 7/18/2002

**pH  
EPA 9045C**

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057892
<b>Project:</b>	Rte 5-NB, 9100-06-49	<b>Date Received:</b>	7/11/2002
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	JT

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057892-001A	N38-S	6.23	pH Units	R19481	0.1	1	7/11/2002	7/17/2002
057892-010A	N40-0.9	8.31	pH Units	R19481	0.1	1	7/11/2002	7/17/2002
057892-020A	N43-0.9	7.22	pH Units	R19481	0.1	1	7/11/2002	7/17/2002
057892-030A	N47-0.6	8.63	pH Units	R19481	0.1	1	7/11/2002	7/17/2002
057892-040A	N50-0.3	8.33	pH Units	R19481	0.1	1	7/11/2002	7/17/2002
057892-050A	N53-S	7.52	pH Units	R19481	0.1	1	7/11/2002	7/17/2002
057892-060A	N56-S	8.07	pH Units	R19481	0.1	1	7/11/2002	7/17/2002
057892-070A	N59-S	6.37	pH Units	R19481	0.1	1	7/11/2002	7/17/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



LEAD BY ATOMIC ABSORPTION  
WET/ EPA 7420

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057892
<b>Project:</b>	Rte 5-NB, 9100-06-49	<b>Date Received:</b>	7/11/2002
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	JT

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057892-001A	N38-S	52	mg/L	9726	0.8	4	7/11/2002	7/23/2002
057892-004A	N39-S	36	mg/L	9726	0.8	4	7/11/2002	7/23/2002
057892-009A	N40-0.6	39	mg/L	9726	0.8	4	7/11/2002	7/23/2002
057892-011A	N41-S	7.8	mg/L	9726	0.2	1	7/11/2002	7/23/2002
057892-016A	N42-0.3	44	mg/L	9726	0.8	4	7/11/2002	7/23/2002
057892-023A	N44-0.6	14	mg/L	9727	0.2	1	7/11/2002	7/23/2002
057892-027A	N46-0.3	22	mg/L	9727	0.4	2	7/11/2002	7/23/2002
057892-028A	N47-S	53	mg/L	9727	0.8	4	7/11/2002	7/23/2002
057892-029A	N47-0.3	48	mg/L	9727	0.8	4	7/11/2002	7/23/2002
057892-030A	N47-0.6	1.9	mg/L	9727	0.2	1	7/11/2002	7/23/2002
057892-031A	N47-0.9	28	mg/L	9727	0.4	2	7/11/2002	7/23/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



LEAD BY ATOMIC ABSORPTION  
WET/ EPA 7420

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057892
<b>Project:</b>	Rte 5-NB, 9100-06-49	<b>Date Received:</b>	7/11/2002
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	JT

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057892-033A	N48-0.3	29	mg/L	9727	0.4	2	7/11/2002	7/23/2002
057892-034A	N48-0.6	12	mg/L	9727	0.2	1	7/11/2002	7/23/2002
057892-035A	N48-0.9	30	mg/L	9727	0.4	2	7/11/2002	7/23/2002
057892-036A	N49-S	45	mg/L	9727	0.8	4	7/11/2002	7/23/2002
057892-037A	N49-0.3	11	mg/L	9727	0.2	1	7/11/2002	7/23/2002
057892-038A	N49-0.6	20	mg/L	9727	0.4	2	7/11/2002	7/23/2002
057892-040A	N50-0.3	22	mg/L	9727	0.4	2	7/11/2002	7/23/2002
057892-041A	N50-0.6	19	mg/L	9727	0.4	2	7/11/2002	7/23/2002
057892-042A	N50-0.9	3.7	mg/L	9727	0.2	1	7/11/2002	7/23/2002
057892-043A	N51-S	18	mg/L	9727	0.4	2	7/11/2002	7/23/2002
057892-044A	N51-0.3	11	mg/L	9727	0.2	1	7/11/2002	7/23/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



LEAD BY ATOMIC ABSORPTION  
WET/ EPA 7420

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057892
<b>Project:</b>	Rte 5-NB, 9100-06-49	<b>Date Received:</b>	7/11/2002
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	JT

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057892-045A	N51-0.6	11	mg/L	9727	0.2	1	7/11/2002	7/23/2002
057892-047A	N52-0.3	65	mg/L	9727	1	5	7/11/2002	7/23/2002
057892-048A	N52-0.6	38	mg/L	9727	0.8	4	7/11/2002	7/23/2002
057892-050A	N53-S	130	mg/L	9728	2	10	7/11/2002	7/23/2002
057892-051A	N53-0.3	34	mg/L	9728	0.8	4	7/11/2002	7/23/2002
057892-052A	N53-0.6	14	mg/L	9728	0.2	1	7/11/2002	7/23/2002
057892-054A	N54-0.3	15	mg/L	9728	0.2	1	7/11/2002	7/23/2002
057892-055A	N54-0.6	8.1	mg/L	9728	0.2	1	7/11/2002	7/23/2002
057892-056A	N54-0.9	35	mg/L	9728	0.8	4	7/11/2002	7/23/2002
057892-057A	N55-S	130	mg/L	9728	2	10	7/11/2002	7/23/2002
057892-058A	N55-0.3	140	mg/L	9728	2	10	7/11/2002	7/23/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



**LEAD BY ATOMIC ABSORPTION  
WET/ EPA 7420**

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057892
<b>Project:</b>	Rte 5-NB, 9100-06-49	<b>Date Received:</b>	7/11/2002
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	JT

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057892-059A	N55-0.6	36	mg/L	9728	0.8	4	7/11/2002	7/23/2002
057892-060A	N56-S	200	mg/L	9728	4	20	7/11/2002	7/23/2002
057892-061A	N56-0.3	8.4	mg/L	9728	0.2	1	7/11/2002	7/23/2002
057892-062A	N56-0.6	4.5	mg/L	9728	0.2	1	7/11/2002	7/23/2002
057892-063A	N56-0.9	8.5	mg/L	9728	0.2	1	7/11/2002	7/23/2002
057892-064A	N57-S	63	mg/L	9728	1	5	7/11/2002	7/23/2002
057892-065A	N57-0.3	27	mg/L	9728	0.4	2	7/11/2002	7/23/2002
057892-066A	N57-0.6	50	mg/L	9728	0.8	4	7/11/2002	7/23/2002
057892-069A	N58-0.6	89	mg/L	9728	2	10	7/11/2002	7/23/2002
057892-071A	N59-0.3	51	mg/L	9728	0.8	4	7/11/2002	7/23/2002
057892-073A	N60-S	64	mg/L	9728	1	5	7/11/2002	7/23/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



LEAD BY ATOMIC ABSORPTION  
WET/ EPA 7420

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057892
<b>Project:</b>	Rte 5-NB, 9100-06-49	<b>Date Received:</b>	7/11/2002
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	JT

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057892-074A	N60-0.3	53	mg/L	9728	0.8	4	7/11/2002	7/23/2002
057892-076A	N61-0.3	65	mg/L	9729	1	5	7/11/2002	7/23/2002
057892-077A	N61-0.6	27	mg/L	9729	0.4	2	7/11/2002	7/23/2002
057892-078A	N62-S	41	mg/L	9729	0.8	4	7/11/2002	7/23/2002
057892-079A	N62-0.3	26	mg/L	9729	0.4	2	7/11/2002	7/23/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



LEAD BY ATOMIC ABSORPTION  
EPA 1311/7420

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057892
<b>Project:</b>	Rte 5-NB, 9100-06-49	<b>Date Received:</b>	7/11/2002
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	JT

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057892-002A	N38-0.3	9.7	mg/L	9761	0.2	1	7/11/2002	7/25/2002
057892-003A	N38-0.6	2.1	mg/L	9761	0.2	1	7/11/2002	7/25/2002
057892-005A	N39-0.3	4.3	mg/L	9761	0.2	1	7/11/2002	7/25/2002
057892-006A	N39-0.6	8.8	mg/L	9761	0.2	1	7/11/2002	7/25/2002
057892-007A	N40-S	1.8	mg/L	9762	0.2	1	7/11/2002	7/25/2002
057892-012A	N41-0.3	1.6	mg/L	9762	0.2	1	7/11/2002	7/25/2002
057892-015A	N42-S	1.8	mg/L	9762	0.2	1	7/11/2002	7/25/2002
057892-017A	N43-S	3.0	mg/L	9762	0.2	1	7/11/2002	7/25/2002
057892-021A	N44-S	2.8	mg/L	9762	0.2	1	7/11/2002	7/25/2002
057892-022A	N44-0.3	3.7	mg/L	9762	0.2	1	7/11/2002	7/25/2002
057892-024A	N45-S	3.0	mg/L	9762	0.2	1	7/11/2002	7/25/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



LEAD BY ATOMIC ABSORPTION  
EPA 1311/ 7420

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057892
<b>Project:</b>	Rte 5-NB, 9100-06-49	<b>Date Received:</b>	7/11/2002
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	JT

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057892-025A	N45-0.3	2.6	mg/L	9762	0.2	1	7/11/2002	7/25/2002
057892-026A	N46-S	2.2	mg/L	9762	0.2	1	7/11/2002	7/25/2002
057892-032A	N48-S	1.4	mg/L	9762	0.2	1	7/11/2002	7/25/2002
057892-039A	N50-S	1.3	mg/L	9763	0.2	1	7/11/2002	7/25/2002
057892-046A	N52-S	1.9	mg/L	9763	0.2	1	7/11/2002	7/25/2002
057892-053A	N54-S	8.2	mg/L	9763	0.2	1	7/11/2002	7/25/2002
057892-067A	N58-S	4.6	mg/L	9763	0.2	1	7/11/2002	7/25/2002
057892-068A	N58-0.3	2.6	mg/L	9763	0.2	1	7/11/2002	7/25/2002
057892-070A	N59-S	4.3	mg/L	9763	0.2	1	7/11/2002	7/25/2002
057892-075A	N61-S	2.9	mg/L	9763	0.2	1	7/11/2002	7/25/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



LEAD BY ATOMIC ABSORPTION  
WET DI/ EPA 7420

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057892
<b>Project:</b>	Rte 5-NB, 9100-06-49	<b>Date Received:</b>	7/11/2002
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	JT

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057892-001A	N38-S	0.44	mg/L	9678	0.2	1	7/11/2002	7/23/2002
057892-004A	N39-S	ND	mg/L	9678	0.2	1	7/11/2002	7/23/2002
057892-009A	N40-0.6	0.82	mg/L	9678	0.2	1	7/11/2002	7/23/2002
057892-011A	N41-S	ND	mg/L	9678	0.2	1	7/11/2002	7/23/2002
057892-016A	N42-0.3	2.1	mg/L	9678	0.2	1	7/11/2002	7/23/2002
057892-023A	N44-0.6	ND	mg/L	9678	0.2	1	7/11/2002	7/23/2002
057892-027A	N46-0.3	0.81	mg/L	9678	0.2	1	7/11/2002	7/23/2002
057892-028A	N47-S	2.2	mg/L	9678	0.2	1	7/11/2002	7/23/2002
057892-029A	N47-0.3	3.1	mg/L	9678	0.2	1	7/11/2002	7/23/2002
057892-031A	N47-0.9	1.5	mg/L	9678	0.2	1	7/11/2002	7/23/2002
057892-033A	N48-0.3	1.1	mg/L	9678	0.2	1	7/11/2002	7/23/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



**LEAD BY ATOMIC ABSORPTION  
WET DI/ EPA 7420**

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057892
<b>Project:</b>	Rte 5-NB, 9100-06-49	<b>Date Received:</b>	7/11/2002
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	JT

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057892-034A	N48-0.6	0.21	mg/L	9678	0.2	1	7/11/2002	7/23/2002
057892-035A	N48-0.9	1.3	mg/L	9678	0.2	1	7/11/2002	7/23/2002
057892-036A	N49-S	2.5	mg/L	9678	0.2	1	7/11/2002	7/23/2002
057892-037A	N49-0.3	0.28	mg/L	9678	0.2	1	7/11/2002	7/23/2002
057892-038A	N49-0.6	0.37	mg/L	9678	0.2	1	7/11/2002	7/23/2002
057892-040A	N50-0.3	1.0	mg/L	9678	0.2	1	7/11/2002	7/23/2002
057892-041A	N50-0.6	1.1	mg/L	9678	0.2	1	7/11/2002	7/23/2002
057892-043A	N51-S	0.35	mg/L	9679	0.2	1	7/11/2002	7/23/2002
057892-044A	N51-0.3	0.32	mg/L	9679	0.2	1	7/11/2002	7/23/2002
057892-045A	N51-0.6	0.47	mg/L	9679	0.2	1	7/11/2002	7/23/2002
057892-047A	N52-0.3	3.0	mg/L	9679	0.2	1	7/11/2002	7/23/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



**LEAD BY ATOMIC ABSORPTION  
WET DI/ EPA 7420**

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057892
<b>Project:</b>	Rte 5-NB, 9100-06-49	<b>Date Received:</b>	7/11/2002
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	JT

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057892-048A	N52-0.6	2.3	mg/L	9679	0.2	1	7/11/2002	7/23/2002
057892-050A	N53-S	1.9	mg/L	9679	0.2	1	7/11/2002	7/23/2002
057892-051A	N53-0.3	1.1	mg/L	9679	0.2	1	7/11/2002	7/23/2002
057892-052A	N53-0.6	0.51	mg/L	9679	0.2	1	7/11/2002	7/23/2002
057892-054A	N54-0.3	0.62	mg/L	9679	0.2	1	7/11/2002	7/23/2002
057892-055A	N54-0.6	ND	mg/L	9679	0.2	1	7/11/2002	7/23/2002
057892-056A	N54-0.9	0.63	mg/L	9679	0.2	1	7/11/2002	7/23/2002
057892-057A	N55-S	4.5	mg/L	9679	0.2	1	7/11/2002	7/23/2002
057892-058A	N55-0.3	7.4	mg/L	9679	0.2	1	7/11/2002	7/23/2002
057892-059A	N55-0.6	4.7	mg/L	9679	0.2	1	7/11/2002	7/23/2002
057892-060A	N56-S	4.5	mg/L	9679	0.2	1	7/11/2002	7/23/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



LEAD BY ATOMIC ABSORPTION  
WET DI/ EPA 7420

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057892
<b>Project:</b>	Rte 5-NB, 9100-06-49	<b>Date Received:</b>	7/11/2002
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	JT

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057892-061A	N56-0.3	2.6	mg/L	9679	0.2	1	7/11/2002	7/23/2002
057892-063A	N56-0.9	ND	mg/L	9679	0.2	1	7/11/2002	7/23/2002
057892-064A	N57-S	2.2	mg/L	9679	0.2	1	7/11/2002	7/23/2002
057892-065A	N57-0.3	0.60	mg/L	9680	0.2	1	7/11/2002	7/23/2002
057892-066A	N57-0.6	2.8	mg/L	9680	0.2	1	7/11/2002	7/23/2002
057892-069A	N58-0.6	1.5	mg/L	9680	0.2	1	7/11/2002	7/23/2002
057892-071A	N59-0.3	2.6	mg/L	9680	0.2	1	7/11/2002	7/23/2002
057892-073A	N60-S	1.7	mg/L	9680	0.2	1	7/11/2002	7/23/2002
057892-074A	N60-0.3	2.4	mg/L	9680	0.2	1	7/11/2002	7/23/2002
057892-076A	N61-0.3	4.2	mg/L	9680	0.2	1	7/11/2002	7/23/2002
057892-077A	N61-0.6	1.3	mg/L	9680	0.2	1	7/11/2002	7/23/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



**LEAD BY ATOMIC ABSORPTION  
WET DI/ EPA 7420**

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057892
<b>Project:</b>	Rte 5-NB, 9100-06-49	<b>Date Received:</b>	7/11/2002
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	JT

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057892-078A	N62-S	1.9	mg/L	9680	0.2	1	7/11/2002	7/23/2002
057892-079A	N62-0.3	1.1	mg/L	9680	0.2	1	7/11/2002	7/23/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



# Advanced Technology Laboratories

Date: 31-Jul-02

CLIENT: Geocon Environmental  
 Lab Order: 057892  
 Project: Rte 5-NB, 9100-06-49  
 Lab ID: 057892-002A

Client Sample ID: N38-0.3  
 Collection Date: 7/11/2002  
 Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
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## ICP METALS

(EPA 3050A) EPA 6010B

RunID:	ICP2_020729C	QC Batch:	9916	Analyst: RQ		
Antimony	2.5	0.25	mg/Kg	1	7/29/2002	
Arsenic	12	0.25	mg/Kg	1	7/29/2002	
Barium	210	0.15	mg/Kg	1	7/29/2002	
Beryllium	ND	0.15	mg/Kg	1	7/29/2002	
Cadmium	ND	0.15	mg/Kg	1	7/29/2002	
Chromium	46	0.15	mg/Kg	1	7/29/2002	
Cobalt	6.5	0.15	mg/Kg	1	7/29/2002	
Copper	94	0.15	mg/Kg	1	7/29/2002	
Lead	3700	2.5	mg/Kg	10	7/29/2002	
Molybdenum	5.5	0.25	mg/Kg	1	7/29/2002	
Nickel	24	0.15	mg/Kg	1	7/29/2002	
Selenium	ND	0.25	mg/Kg	1	7/29/2002	
Silver	0.24	0.15	mg/Kg	1	7/29/2002	
Thallium	0.50	0.25	mg/Kg	1	7/29/2002	
Vanadium	28	0.15	mg/Kg	1	7/29/2002	
Zinc	550	0.50	mg/Kg	1	7/29/2002	

## MERCURY BY COLD VAPOR TECHNIQUE

(EPA 7471) EPA 7471A

RunID:	AA1_020729A	QC Batch:	9919	Analyst: NS		
Mercury	0.12	0.10	mg/Kg	1	7/29/2002	

**Qualifiers:** ND - Not Detected at the Reporting Limit S - Spike/Surrogate outside of limits due to matrix interfere  
 J - Analyte detected below quantitation limits H - Sample exceeded analytical holding time  
 B - Analyte detected in the associated Method Blank E - Value above quantitation range  
 DO - Surrogate Diluted Out Results are wet unless otherwise specified



# Advanced Technology Laboratories

Date: 30-Jul-02

**CLIENT:** Geocon Environmental  
**Lab Order:** 057892  
**Project:** Rte 5-NB, 9100-06-49  
**Lab ID:** 057892-003A

**Client Sample ID:** N38-0.6  
**Collection Date:** 7/11/2002  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS</b>						
	<b>(EPA 3050A)</b>		<b>EPA 6010B</b>			
RunID: ICP2_020729C	QC Batch:	9916				Analyst: <b>RQ</b>
Antimony	450	25		mg/Kg	100	7/29/2002
Arsenic	50	25		mg/Kg	100	7/29/2002
Barium	100	15		mg/Kg	100	7/29/2002
Beryllium	ND	15		mg/Kg	100	7/29/2002
Cadmium	ND	15		mg/Kg	100	7/29/2002
Chromium	50000	15		mg/Kg	100	7/29/2002
Cobalt	100	15		mg/Kg	100	7/29/2002
Copper	150	15		mg/Kg	100	7/29/2002
Lead	1900	25		mg/Kg	100	7/29/2002
Molybdenum	1000	25		mg/Kg	100	7/29/2002
Nickel	600	15		mg/Kg	100	7/29/2002
Selenium	ND	25		mg/Kg	100	7/29/2002
Silver	ND	15		mg/Kg	100	7/29/2002
Thallium	ND	25		mg/Kg	100	7/29/2002
Vanadium	150	15		mg/Kg	100	7/29/2002
Zinc	500	50		mg/Kg	100	7/29/2002

## MERCURY BY COLD VAPOR TECHNIQUE

	<b>(EPA 7471)</b>		<b>EPA 7471A</b>			
RunID: AA1_020729A	QC Batch:	9919				Analyst: <b>NS</b>
Mercury	ND	1.0		mg/Kg	10	7/29/2002

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike/Surrogate outside of limits due to matrix interfere  
 J - Analyte detected below quantitation limits      H - Sample exceeded analytical holding time  
 B - Analyte detected in the associated Method Blank      E - Value above quantitation range  
 DO - Surrogate Diluted Out      Results are wet unless otherwise specified



# Advanced Technology Laboratories

Date: 30-Jul-02

**CLIENT:** Geocon Environmental  
**Lab Order:** 057892  
**Project:** Rte 5-NB, 9100-06-49  
**Lab ID:** 057892-024A

**Client Sample ID:** N45-S  
**Collection Date:** 7/11/2002  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
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## ICP METALS

(EPA 3050A)

EPA 6010B

RunID:	ICP2_020729C	QC Batch:	9916	Analyst: RQ		
Antimony	2.0	0.25	mg/Kg	1	7/29/2002	
Arsenic	8.5	0.25	mg/Kg	1	7/29/2002	
Barium	200	0.15	mg/Kg	1	7/29/2002	
Beryllium	ND	0.15	mg/Kg	1	7/29/2002	
Cadmium	ND	0.15	mg/Kg	1	7/29/2002	
Chromium	21	0.15	mg/Kg	1	7/29/2002	
Cobalt	6.0	0.15	mg/Kg	1	7/29/2002	
Copper	72	0.15	mg/Kg	1	7/29/2002	
Lead	2100	0.25	mg/Kg	1	7/29/2002	
Molybdenum	2.5	0.25	mg/Kg	1	7/29/2002	
Nickel	16	0.15	mg/Kg	1	7/29/2002	
Selenium	ND	0.25	mg/Kg	1	7/29/2002	
Silver	ND	0.15	mg/Kg	1	7/29/2002	
Thallium	0.50	0.25	mg/Kg	1	7/29/2002	
Vanadium	22	0.15	mg/Kg	1	7/29/2002	
Zinc	390	0.50	mg/Kg	1	7/29/2002	

## MERCURY BY COLD VAPOR TECHNIQUE

(EPA 7471)

EPA 7471A

RunID:	AA1_020729B	QC Batch:	9920	Analyst: NS		
Mercury	0.14	0.10	mg/Kg	1	7/29/2002	

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike/Surrogate outside of limits due to matrix interfere  
 J - Analyte detected below quantitation limits      H - Sample exceeded analytical holding time  
 B - Analyte detected in the associated Method Blank      E - Value above quantitation range  
 DO - Surrogate Diluted Out      Results are wet unless otherwise specified

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# Advanced Technology Laboratories

Date: 30-Jul-02

**CLIENT:** Geocon Environmental  
**Lab Order:** 057892  
**Project:** Rte 5-NB, 9100-06-49  
**Lab ID:** 057892-053A

**Client Sample ID:** N54-S  
**Collection Date:** 7/11/2002  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
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## ICP METALS

(EPA 3050A)

EPA 6010B

RunID:	ICP2_020729D	QC Batch:	9917				Analyst: RQ
Antimony	2.0	0.25	mg/Kg	1	7/29/2002		
Arsenic	9.0	0.25	mg/Kg	1	7/29/2002		
Barium	170	0.15	mg/Kg	1	7/29/2002		
Beryllium	ND	0.15	mg/Kg	1	7/29/2002		
Cadmium	ND	0.15	mg/Kg	1	7/29/2002		
Chromium	23	0.15	mg/Kg	1	7/29/2002		
Cobalt	6.0	0.15	mg/Kg	1	7/29/2002		
Copper	78	0.15	mg/Kg	1	7/29/2002		
Lead	3800	2.5	mg/Kg	10	7/29/2002		
Molybdenum	4.0	0.25	mg/Kg	1	7/29/2002		
Nickel	19	0.15	mg/Kg	1	7/29/2002		
Selenium	ND	0.25	mg/Kg	1	7/29/2002		
Silver	ND	0.15	mg/Kg	1	7/29/2002		
Thallium	0.50	0.25	mg/Kg	1	7/29/2002		
Vanadium	24	0.15	mg/Kg	1	7/29/2002		
Zinc	350	0.50	mg/Kg	1	7/29/2002		

## MERCURY BY COLD VAPOR TECHNIQUE

(EPA 7471)

EPA 7471A

RunID:	AA1_020729B	QC Batch:	9920				Analyst: NS
Mercury	0.14	0.10	mg/Kg	1	7/29/2002		

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike/Surrogate outside of limits due to matrix interfere  
 I - Analyte detected below quantitation limits      H - Sample exceeded analytical holding time  
 B - Analyte detected in the associated Method Blank      E - Value above quantitation range  
 DO - Surrogate Diluted Out      Results are wet unless otherwise specified

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**Advanced Technology Laboratories**

Date: 30-Jul-02

**CLIENT:** Geocon Environmental  
**Lab Order:** 057892  
**Project:** Rte 5-NB, 9100-06-49  
**Lab ID:** 057892-067A

**Client Sample ID:** N58-S  
**Collection Date:** 7/11/2002  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
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**ICP METALS**

(EPA 3050A)

EPA 6010B

RunID:	ICP2_020729D	QC Batch:	9917				Analyst:	RQ
Antimony	2.0	0.25	mg/Kg	1	7/29/2002			
Arsenic	9.0	0.25	mg/Kg	1	7/29/2002			
Barium	170	0.15	mg/Kg	1	7/29/2002			
Beryllium	ND	0.15	mg/Kg	1	7/29/2002			
Cadmium	ND	0.15	mg/Kg	1	7/29/2002			
Chromium	22	0.15	mg/Kg	1	7/29/2002			
Cobalt	5.0	0.15	mg/Kg	1	7/29/2002			
Copper	56	0.15	mg/Kg	1	7/29/2002			
Lead	3700	2.5	mg/Kg	10	7/29/2002			
Molybdenum	3.0	0.25	mg/Kg	1	7/29/2002			
Nickel	18	0.15	mg/Kg	1	7/29/2002			
Selenium	ND	0.25	mg/Kg	1	7/29/2002			
Silver	ND	0.15	mg/Kg	1	7/29/2002			
Thallium	0.50	0.25	mg/Kg	1	7/29/2002			
Vanadium	22	0.15	mg/Kg	1	7/29/2002			
Zinc	300	0.50	mg/Kg	1	7/29/2002			

**MERCURY BY COLD VAPOR TECHNIQUE**

(EPA 7471)

EPA 7471A

RunID:	AA1_020729B	QC Batch:	9920				Analyst:	NS
Mercury	ND	0.10	mg/Kg	1	7/29/2002			

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike/Surrogate outside of limits due to matrix interfere  
 J - Analyte detected below quantitation limits      H - Sample exceeded analytical holding time  
 B - Analyte detected in the associated Method Blank      E - Value above quantitation range  
 DO - Surrogate Diluted Out      Results are wet unless otherwise specified



# Advanced Technology Laboratories

Date: 30-Jul-02

**CLIENT:** Geocon Environmental  
**Lab Order:** 057892  
**Project:** Rte 5-NB, 9100-06-49  
**Lab ID:** 057892-075A

**Client Sample ID:** N61-S  
**Collection Date:** 7/11/2002  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
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## ICP METALS

(EPA 3050A)

EPA 6010B

RunID:	ICP2_020729D	QC Batch:	9917				Analyst: RQ
Antimony	2.0	0.25	mg/Kg	1	7/29/2002		
Arsenic	12	0.25	mg/Kg	1	7/29/2002		
Barium	200	0.15	mg/Kg	1	7/29/2002		
Beryllium	ND	0.15	mg/Kg	1	7/29/2002		
Cadmium	ND	0.15	mg/Kg	1	7/29/2002		
Chromium	30	0.15	mg/Kg	1	7/29/2002		
Cobalt	7.0	0.15	mg/Kg	1	7/29/2002		
Copper	110	0.15	mg/Kg	1	7/29/2002		
Lead	1800	0.25	mg/Kg	1	7/29/2002		
Molybdenum	7.0	0.25	mg/Kg	1	7/29/2002		
Nickel	26	0.15	mg/Kg	1	7/29/2002		
Selenium	ND	0.25	mg/Kg	1	7/29/2002		
Silver	ND	0.15	mg/Kg	1	7/29/2002		
Thallium	1.0	0.25	mg/Kg	1	7/29/2002		
Vanadium	29	0.15	mg/Kg	1	7/29/2002		
Zinc	450	0.50	mg/Kg	1	7/29/2002		

## MERCURY BY COLD VAPOR TECHNIQUE

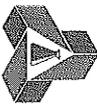
(EPA 7471)

EPA 7471A

RunID:	AA1_020729B	QC Batch:	9920				Analyst: NS
Mercury	ND	0.10	mg/Kg	1	7/29/2002		

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike/Surrogate outside of limits due to matrix interfere  
 J - Analyte detected below quantitation limits      H - Sample exceeded analytical holding time  
 B - Analyte detected in the associated Method Blank      E - Value above quantitation range  
 DO - Surrogate Diluted Out      Results are wet unless otherwise specified





Advanced Technology Laboratories

Date: 18-Jul-02

CLIENT: Geocon Environmental
Work Order: 057892
Project: Rte 5-NB, 9100-06-49

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010\_SPB

Table with 12 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, Analysis Date, SeqNo, Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual. Row 1: MB-9546A, MBLK, 6010\_SPB, mg/Kg, 7/13/2002, ICP5\_020715J, ZZZZZ, 9546, EPA 6010B (EPA 3050M), 7/15/2002, 299632, Lead, 0.55, 5.0

Table with 12 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, Analysis Date, SeqNo, Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual. Row 1: MB-9546B, MBLK, 6010\_SPB, mg/Kg, 7/13/2002, ICP5\_020715J, ZZZZZ, 9546, EPA 6010B (EPA 3050M), 7/15/2002, 299633, Lead, 0.307, 5.0

Table with 12 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, Analysis Date, SeqNo, Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual. Row 1: MB-9547A, MBLK, 6010\_SPB, mg/Kg, 7/13/2002, ICP5\_020715K, ZZZZZ, 9547, EPA 6010B (EPA 3050M), 7/15/2002, 299707, Lead, 0.715, 5.0

Table with 12 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, Analysis Date, SeqNo, Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual. Row 1: MB-9547B, MBLK, 6010\_SPB, mg/Kg, 7/13/2002, ICP5\_020715K, ZZZZZ, 9547, EPA 6010B (EPA 3050M), 7/15/2002, 299708, Lead, 0.254, 5.0

Table with 12 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, Analysis Date, SeqNo, Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual. Row 1: MB-9548A, MBLK, 6010\_SPB, mg/Kg, 7/13/2002, ICP5\_020715L, ZZZZZ, 9548, EPA 6010B (EPA 3050M), 7/15/2002, 299723, Lead, 1.94, 5.0

Qualifiers: ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits DO- Surrogate dilute out
J - Analyte detected below quantitation limits B - Analyte detected in the associated Method Blank H - Sample exceeded holding time
R - RPD outside accepted recovery limits Calculations are based on raw values



**CLIENT:** Geocon Environmental  
**Work Order:** 057892  
**Project:** Rte 5-NB, 9100-06-49

### ANALYTICAL QC SUMMARY REPORT

**TestCode: 6010\_SPB**

Sample ID <b>MB-9548B</b>	SampType: <b>MBLK</b>	TestCode: <b>6010_SPB</b>	Units: <b>mg/Kg</b>	Prep Date: <b>7/13/2002</b>	Run ID: <b>ICP5_020715L</b>						
Client ID: <b>ZZZZZ</b>	Batch ID: <b>9548</b>	TestNo: <b>EPA 6010B</b>	( <b>EPA 3050M</b> )	Analysis Date: <b>7/16/2002</b>	SeqNo: <b>299737</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead ND 5.0

Sample ID <b>MB-9549A</b>	SampType: <b>MBLK</b>	TestCode: <b>6010_SPB</b>	Units: <b>mg/Kg</b>	Prep Date: <b>7/13/2002</b>	Run ID: <b>ICP5_020715M</b>						
Client ID: <b>ZZZZZ</b>	Batch ID: <b>9549</b>	TestNo: <b>EPA 6010B</b>	( <b>EPA 3050M</b> )	Analysis Date: <b>7/16/2002</b>	SeqNo: <b>299763</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead ND 5.0

Sample ID <b>MB-9549B</b>	SampType: <b>MBLK</b>	TestCode: <b>6010_SPB</b>	Units: <b>mg/Kg</b>	Prep Date: <b>7/13/2002</b>	Run ID: <b>ICP5_020715M</b>						
Client ID: <b>ZZZZZ</b>	Batch ID: <b>9549</b>	TestNo: <b>EPA 6010B</b>	( <b>EPA 3050M</b> )	Analysis Date: <b>7/16/2002</b>	SeqNo: <b>299764</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 0.309 5.0

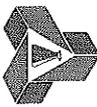
Sample ID <b>LCS-9546</b>	SampType: <b>LCS</b>	TestCode: <b>6010_SPB</b>	Units: <b>mg/Kg</b>	Prep Date: <b>7/13/2002</b>	Run ID: <b>ICP5_020715J</b>						
Client ID: <b>ZZZZZ</b>	Batch ID: <b>9546</b>	TestNo: <b>EPA 6010B</b>	( <b>EPA 3050M</b> )	Analysis Date: <b>7/15/2002</b>	SeqNo: <b>299631</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 216.5 5.0 250 0 86.6 80 120 0 0

Sample ID <b>LCS-9547</b>	SampType: <b>LCS</b>	TestCode: <b>6010_SPB</b>	Units: <b>mg/Kg</b>	Prep Date: <b>7/13/2002</b>	Run ID: <b>ICP5_020715K</b>						
Client ID: <b>ZZZZZ</b>	Batch ID: <b>9547</b>	TestNo: <b>EPA 6010B</b>	( <b>EPA 3050M</b> )	Analysis Date: <b>7/15/2002</b>	SeqNo: <b>299706</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 219.7 5.0 250 0 87.9 80 120 0 0

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



CLIENT: Geocon Environmental  
Work Order: 057892  
Project: Rte 5-NB, 9100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 6010\_SPB

Sample ID	LCS-9548	SampType:	LCS	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/13/2002	Run ID:	ICP5_020715L		
Client ID:	ZZZZZ	Batch ID:	9548	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/15/2002	SeqNo:	299722		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 225.2 5.0 250 0 90.1 80 120 0 0

Sample ID	LCS-9549	SampType:	LCS	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/13/2002	Run ID:	ICP5_020715M		
Client ID:	ZZZZZ	Batch ID:	9549	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/16/2002	SeqNo:	299762		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 208.4 5.0 250 0 83.4 80 120 0 0

Sample ID	057892-010AMS	SampType:	MS	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/13/2002	Run ID:	ICP5_020715J		
Client ID:	N40-0.9	Batch ID:	9546	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/15/2002	SeqNo:	299617		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 149.7 5.0 250 3.895 58.3 47 128 0 0

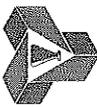
Sample ID	057892-020AMS	SampType:	MS	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/13/2002	Run ID:	ICP5_020715J		
Client ID:	N43-0.9	Batch ID:	9546	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/15/2002	SeqNo:	299629		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 170.7 5.0 250 9.424 64.5 47 128 0 0

Sample ID	057892-030AMS	SampType:	MS	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/13/2002	Run ID:	ICP5_020715K		
Client ID:	N47-0.6	Batch ID:	9547	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/15/2002	SeqNo:	299692		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 248.1 5.0 250 73.9 69.7 47 128 0 0

Qualifiers: ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



CLIENT: Geocon Environmental  
Work Order: 057892  
Project: Rte 5-NB, 9100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 6010\_SPB

Sample ID	057892-040AMS	SampType:	MS	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/13/2002	Run ID:	ICP5_020715K
Client ID:	N50-0.3	Batch ID:	9547	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/15/2002	SeqNo:	299704
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	483.3	5.0	250	451.7	12.7	47	128	0	0		S

Sample ID	057892-050AMS	SampType:	MS	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/13/2002	Run ID:	ICP5_020715L
Client ID:	N53-S	Batch ID:	9548	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/15/2002	SeqNo:	299721
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	816	5.0	250	765.1	20.4	47	128	0	0		S

Sample ID	057892-060AMS	SampType:	MS	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/13/2002	Run ID:	ICP5_020715L
Client ID:	N56-S	Batch ID:	9548	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/16/2002	SeqNo:	299735
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	1138	5.0	250	723	166	47	128	0	0		S

Sample ID	057892-070AMS	SampType:	MS	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/13/2002	Run ID:	ICP5_020715M
Client ID:	N59-S	Batch ID:	9549	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/16/2002	SeqNo:	299749
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	1606	5.0	250	1576	11.7	47	128	0	0		S

Sample ID	057892-079AMS	SampType:	MS	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/13/2002	Run ID:	ICP5_020715M
Client ID:	N62-0.3	Batch ID:	9549	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/16/2002	SeqNo:	299760
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	460.1	5.0	250	341.9	47.3	47	128	0	0		S

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      **Calculations are based on raw values**



**CLIENT:** Geocon Environmental  
**Work Order:** 057892  
**Project:** Rte 5-NB, 9100-06-49

## ANALYTICAL QC SUMMARY REPORT

**TestCode: 6010\_SPB**

Sample ID	057892-010ADUP	SampType:	DUP	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/13/2002	Run ID:	ICP5_020715J		
Client ID:	N40-0.9	Batch ID:	9546	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/15/2002	SeqNo:	299616		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	3.06	5.0	0	0	0	0	0	0	0	3.895	0	30	J
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Sample ID	057892-020ADUP	SampType:	DUP	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/13/2002	Run ID:	ICP5_020715J		
Client ID:	N43-0.9	Batch ID:	9546	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/15/2002	SeqNo:	299628		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	7.172	5.0	0	0	0	0	0	0	0	9.424	27.1	30	
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Sample ID	057892-030ADUP	SampType:	DUP	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/13/2002	Run ID:	ICP5_020715K		
Client ID:	N47-0.6	Batch ID:	9547	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/15/2002	SeqNo:	299691		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	55.98	5.0	0	0	0	0	0	0	0	73.9	27.6	30	
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Sample ID	057892-040ADUP	SampType:	DUP	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/13/2002	Run ID:	ICP5_020715K		
Client ID:	N50-0.3	Batch ID:	9547	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/15/2002	SeqNo:	299703		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	361.7	5.0	0	0	0	0	0	0	0	451.7	22.1	30	
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Sample ID	057892-050ADUP	SampType:	DUP	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/13/2002	Run ID:	ICP5_020715L		
Client ID:	N53-S	Batch ID:	9548	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/15/2002	SeqNo:	299720		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	563.1	5.0	0	0	0	0	0	0	0	765.1	30.4	30	R
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**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      **Calculations are based on raw values**



CLIENT: Geocon Environmental  
Work Order: 057892  
Project: Rte 5-NB, 9100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 6010\_SPB

Sample ID	057892-060ADUP	SampType:	DUP	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/13/2002	Run ID:	ICP5_020715L		
Client ID:	N56-S	Batch ID:	9548	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/16/2002	SeqNo:	299734		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 867.6 5.0 0 0 0 0 0 0 723 18.2 30

Sample ID	057892-070ADUP	SampType:	DUP	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/13/2002	Run ID:	ICP5_020715M		
Client ID:	N59-S	Batch ID:	9549	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/16/2002	SeqNo:	299748		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 1721 5.0 0 0 0 0 0 0 1576 8.79 30

Sample ID	057892-079ADUP	SampType:	DUP	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/13/2002	Run ID:	ICP5_020715M		
Client ID:	N62-0.3	Batch ID:	9549	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/16/2002	SeqNo:	299759		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 291.8 5.0 0 0 0 0 0 0 341.9 15.8 30

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



**CLIENT:** Geocon Environmental  
**Work Order:** 057892  
**Project:** Rte 5-NB, 9100-06-49

### ANALYTICAL QC SUMMARY REPORT

**TestCode: 6010\_WPB**

Sample ID	MB-9582	SampType:	MBLK	TestCode:	6010_WPB	Units:	mg/L	Prep Date:	7/15/2002	Run ID:	ICP5_020716H			
Client ID:	ZZZZZ	Batch ID:	9582	TestNo:	EPA 6010B	(EPA 3010A)		Analysis Date:	7/16/2002	SeqNo:	299891			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead ND 0.0050

Sample ID	LCS-9582	SampType:	LCS	TestCode:	6010_WPB	Units:	mg/L	Prep Date:	7/15/2002	Run ID:	ICP5_020716H			
Client ID:	ZZZZZ	Batch ID:	9582	TestNo:	EPA 6010B	(EPA 3010A)		Analysis Date:	7/16/2002	SeqNo:	299890			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 1.02 0.0050 1 0 102 80 120 0 0

Sample ID	057892-087AMS	SampType:	MS	TestCode:	6010_WPB	Units:	mg/L	Prep Date:	7/15/2002	Run ID:	ICP5_020716H			
Client ID:	C20	Batch ID:	9582	TestNo:	EPA 6010B	(EPA 3010A)		Analysis Date:	7/16/2002	SeqNo:	299888			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 2.523 0.0050 2.5 0 101 66 118 0 0

Sample ID	057892-087ADUP	SampType:	DUP	TestCode:	6010_WPB	Units:	mg/L	Prep Date:	7/15/2002	Run ID:	ICP5_020716H			
Client ID:	C20	Batch ID:	9582	TestNo:	EPA 6010B	(EPA 3010A)		Analysis Date:	7/16/2002	SeqNo:	299887			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead ND 0.0050 0 0 0 0 0 0 0 0 0 30

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
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 R - RPD outside accepted recovery limits      Calculations are based on raw values



**CLIENT:** Geocon Environmental  
**Work Order:** 057892  
**Project:** Rte 5-NB, 9100-06-49

### ANALYTICAL QC SUMMARY REPORT

**TestCode:** 9045\_S

Sample ID	057892-070ADUP	SampType:	DUP	TestCode:	9045_S	Units:	pH Units	Prep Date:	7/17/2002	Run ID:	WETCHEM_020717B		
Client ID:	N59-S	Batch ID:	R19481	TestNo:	EPA 9045C			Analysis Date:	7/17/2002	SeqNo:	300330		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
pH		6.39		0.10	0	0	0	0	0	6.37	0.313	20	

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      **Calculations are based on raw values**



Advanced Technology Laboratories

Date: 24-Jul-02

CLIENT: Geocon Environmental  
Work Order: 057892  
Project: Rte 5-NB, 9100-06-49

**ANALYTICAL QC SUMMARY REPORT**

TestCode: 7420\_ST

Sample ID <b>MB-9728</b>	SampType: <b>MBLK</b>	TestCode: <b>7420_ST</b>	Units: <b>mg/L</b>	Prep Date: <b>7/23/2002</b>	Run ID: <b>AA2_020723M</b>
Client ID: <b>ZZZZZ</b>	Batch ID: <b>9728</b>	TestNo: <b>WET/ EPA 74 (WET)</b>		Analysis Date: <b>7/23/2002</b>	SeqNo: <b>304831</b>
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Lead	0.06608	0.20			

Sample ID <b>MB-9728A</b>	SampType: <b>MBLK</b>	TestCode: <b>7420_ST</b>	Units: <b>mg/L</b>	Prep Date: <b>7/19/2002</b>	Run ID: <b>AA2_020723M</b>
Client ID: <b>ZZZZZ</b>	Batch ID: <b>9728</b>	TestNo: <b>WET/ EPA 74 (WET)</b>		Analysis Date: <b>7/23/2002</b>	SeqNo: <b>304832</b>
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Lead	ND	0.20			

Sample ID <b>MB-9728B</b>	SampType: <b>MBLK</b>	TestCode: <b>7420_ST</b>	Units: <b>mg/L</b>	Prep Date: <b>7/19/2002</b>	Run ID: <b>AA2_020723M</b>
Client ID: <b>ZZZZZ</b>	Batch ID: <b>9728</b>	TestNo: <b>WET/ EPA 74 (WET)</b>		Analysis Date: <b>7/23/2002</b>	SeqNo: <b>304845</b>
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Lead	ND	0.20			

Sample ID <b>MB-9729</b>	SampType: <b>MBLK</b>	TestCode: <b>7420_ST</b>	Units: <b>mg/L</b>	Prep Date: <b>7/23/2002</b>	Run ID: <b>AA2_020723N</b>
Client ID: <b>ZZZZZ</b>	Batch ID: <b>9729</b>	TestNo: <b>WET/ EPA 74 (WET)</b>		Analysis Date: <b>7/23/2002</b>	SeqNo: <b>304860</b>
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Lead	ND	0.20			

Sample ID <b>MB-9729A</b>	SampType: <b>MBLK</b>	TestCode: <b>7420_ST</b>	Units: <b>mg/L</b>	Prep Date: <b>7/19/2002</b>	Run ID: <b>AA2_020723N</b>
Client ID: <b>ZZZZZ</b>	Batch ID: <b>9729</b>	TestNo: <b>WET/ EPA 74 (WET)</b>		Analysis Date: <b>7/23/2002</b>	SeqNo: <b>304861</b>
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Lead	ND	0.20			

Qualifiers: ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



**CLIENT:** Geocon Environmental  
**Work Order:** 057892  
**Project:** Rte 5-NB, 9100-06-49

## ANALYTICAL QC SUMMARY REPORT

**TestCode:** 7420\_ST

Sample ID <b>MB-9729B</b>	SampType: <b>MBLK</b>	TestCode: <b>7420_ST</b>	Units: <b>mg/L</b>	Prep Date: <b>7/19/2002</b>	Run ID: <b>AA2_020723N</b>
Client ID: <b>ZZZZZ</b>	Batch ID: <b>9729</b>	TestNo: <b>WET/ EPA 74 (WET)</b>		Analysis Date: <b>7/23/2002</b>	SeqNo: <b>304874</b>
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Lead ND 0.20

Sample ID <b>MB-9726</b>	SampType: <b>MBLK</b>	TestCode: <b>7420_ST</b>	Units: <b>mg/L</b>	Prep Date: <b>7/23/2002</b>	Run ID: <b>AA2_020723V</b>
Client ID: <b>ZZZZZ</b>	Batch ID: <b>9726</b>	TestNo: <b>WET/ EPA 74 (WET)</b>		Analysis Date: <b>7/23/2002</b>	SeqNo: <b>305208</b>
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Lead ND 0.20

Sample ID <b>MB-9726A</b>	SampType: <b>MBLK</b>	TestCode: <b>7420_ST</b>	Units: <b>mg/L</b>	Prep Date: <b>7/19/2002</b>	Run ID: <b>AA2_020723V</b>
Client ID: <b>ZZZZZ</b>	Batch ID: <b>9726</b>	TestNo: <b>WET/ EPA 74 (WET)</b>		Analysis Date: <b>7/23/2002</b>	SeqNo: <b>305209</b>
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Lead ND 0.20

Sample ID <b>MB-9726B</b>	SampType: <b>MBLK</b>	TestCode: <b>7420_ST</b>	Units: <b>mg/L</b>	Prep Date: <b>7/19/2002</b>	Run ID: <b>AA2_020723V</b>
Client ID: <b>ZZZZZ</b>	Batch ID: <b>9726</b>	TestNo: <b>WET/ EPA 74 (WET)</b>		Analysis Date: <b>7/23/2002</b>	SeqNo: <b>305222</b>
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Lead 0.04724 0.20

Sample ID <b>MB-9727</b>	SampType: <b>MBLK</b>	TestCode: <b>7420_ST</b>	Units: <b>mg/L</b>	Prep Date: <b>7/19/2002</b>	Run ID: <b>AA2_020723W</b>
Client ID: <b>ZZZZZ</b>	Batch ID: <b>9727</b>	TestNo: <b>WET/ EPA 74 (WET)</b>		Analysis Date: <b>7/23/2002</b>	SeqNo: <b>305237</b>
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Lead ND 0.20

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
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 R - RPD outside accepted recovery limits      **Calculations are based on raw values**



CLIENT: Geocon Environmental  
Work Order: 057892  
Project: Rte 5-NB, 9100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 7420\_ST

Sample ID	MB-9727A	SampType:	MBLK	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020723W			
Client ID:	ZZZZZ	Batch ID:	9727	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/23/2002	SeqNo:	305238			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead ND 0.20

Sample ID	MB-9727B	SampType:	MBLK	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/19/2002	Run ID:	AA2_020723W			
Client ID:	ZZZZZ	Batch ID:	9727	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/23/2002	SeqNo:	305251			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead ND 0.20

Sample ID	LCS-9728	SampType:	LCS	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020723M			
Client ID:	ZZZZZ	Batch ID:	9728	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/23/2002	SeqNo:	304859			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 7.482 0.20 7.5 0 99.8 80 120 0 0

Sample ID	LCS-9729	SampType:	LCS	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020723N			
Client ID:	ZZZZZ	Batch ID:	9729	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/23/2002	SeqNo:	304896			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 7.672 0.20 7.5 0 102 80 120 0 0

Sample ID	LCS-9726	SampType:	LCS	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020723V			
Client ID:	ZZZZZ	Batch ID:	9726	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/23/2002	SeqNo:	305236			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 7.297 0.20 7.5 0 97.3 80 120 0 0

Qualifiers: ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
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 R - RPD outside accepted recovery limits      Calculations are based on raw values



CLIENT: Geocon Environmental  
Work Order: 057892  
Project: Rte 5-NB, 9100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 7420\_ST

Sample ID	LCS-9727	SampType:	LCS	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020723W			
Client ID:	ZZZZZ	Batch ID:	9727	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/23/2002	SeqNo:	305265			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 7.218 0.20 7.5 0 96.2 80 120 0 0

Sample ID	057892-060AMS	SampType:	MS	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020723M			
Client ID:	N56-S	Batch ID:	9728	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/23/2002	SeqNo:	304844			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 314.4 5.0 125 196.9 94 80 120 0 0

Sample ID	057892-074AMS	SampType:	MS	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020723M			
Client ID:	N60-0.3	Batch ID:	9728	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/23/2002	SeqNo:	304857			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 83.19 1.2 30 52.8 101 80 120 0 0

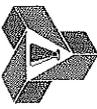
Sample ID	057898-012AMS	SampType:	MS	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020723N			
Client ID:	ZZZZZ	Batch ID:	9729	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/23/2002	SeqNo:	304873			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 22.46 0.40 10 13.12 93.4 80 120 0 0

Sample ID	057898-024AMS	SampType:	MS	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020723N			
Client ID:	ZZZZZ	Batch ID:	9729	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/23/2002	SeqNo:	304891			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 9.319 0.20 5 4.63 93.8 80 120 0 0

Qualifiers: ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
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 R - RPD outside accepted recovery limits      Calculations are based on raw values



CLIENT: Geocon Environmental  
Work Order: 057892  
Project: Rte 5-NB, 9100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 7420\_ST

Sample ID	057890-090AMS	SampType:	MS	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020723V		
Client ID:	ZZZZZ	Batch ID:	9726	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/23/2002	SeqNo:	305221		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 65.8 1.0 25 37.81 112 80 120 0 0

Sample ID	057892-016AMS	SampType:	MS	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020723V		
Client ID:	N42-0.3	Batch ID:	9726	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/23/2002	SeqNo:	305234		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 82.91 1.6 40 44.46 96.1 80 120 0 0

Sample ID	057892-036AMS	SampType:	MS	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020723W		
Client ID:	N49-S	Batch ID:	9727	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/23/2002	SeqNo:	305250		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 87.97 1.6 40 44.79 108 80 120 0 0

Sample ID	057892-048AMS	SampType:	MS	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020723W		
Client ID:	N52-0.6	Batch ID:	9727	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/23/2002	SeqNo:	305263		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 54.77 0.80 20 37.98 84 80 120 0 0

Sample ID	057892-060ADUP	SampType:	DUP	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/19/2002	Run ID:	AA2_020723M		
Client ID:	N56-S	Batch ID:	9728	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/23/2002	SeqNo:	304843		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 194.2 4.0 0 0 0 0 0 0 196.9 1.40 30

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



**CLIENT:** Geocon Environmental  
**Work Order:** 057892  
**Project:** Rte 5-NB, 9100-06-49

### ANALYTICAL QC SUMMARY REPORT

**TestCode:** 7420\_ST

Sample ID	057892-074ADUP	SampType:	DUP	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/19/2002	Run ID:	AA2_020723M		
Client ID:	N60-0.3	Batch ID:	9728	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/23/2002	SeqNo:	304856		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead		52.73		0.80	0	0	0	0	0	52.8	0.142	30	
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Sample ID	057898-012ADUP	SampType:	DUP	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/19/2002	Run ID:	AA2_020723N		
Client ID:	ZZZZZ	Batch ID:	9729	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/23/2002	SeqNo:	304872		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead		13.2		0.20	0	0	0	0	0	13.12	0.638	30	
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Sample ID	057898-024ADUP	SampType:	DUP	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/19/2002	Run ID:	AA2_020723N		
Client ID:	ZZZZZ	Batch ID:	9729	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/23/2002	SeqNo:	304889		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead		9.038		0.20	0	0	0	0	0	4.63	64.5	30	R
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Sample ID	057890-090ADUP	SampType:	DUP	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/19/2002	Run ID:	AA2_020723V		
Client ID:	ZZZZZ	Batch ID:	9726	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/23/2002	SeqNo:	305220		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead		44.67		0.80	0	0	0	0	0	37.81	16.6	30	
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Sample ID	057892-016ADUP	SampType:	DUP	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/19/2002	Run ID:	AA2_020723V		
Client ID:	N42-0.3	Batch ID:	9726	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/23/2002	SeqNo:	305233		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead		49.07		0.80	0	0	0	0	0	44.46	9.87	30	
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**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



CLIENT: Geocon Environmental  
Work Order: 057892  
Project: Rte 5-NB, 9100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 7420\_ST

Sample ID	057892-036ADUP	SampType:	DUP	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/19/2002	Run ID:	AA2_020723W		
Client ID:	N49-S	Batch ID:	9727	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/23/2002	SeqNo:	305249		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead		42.4		0.80	0	0	0	0	0	44.79	5.48	30	
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Sample ID	057892-048ADUP	SampType:	DUP	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/19/2002	Run ID:	AA2_020723W		
Client ID:	N52-0.6	Batch ID:	9727	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/23/2002	SeqNo:	305262		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead		34.19		0.80	0	0	0	0	0	37.98	10.5	30	
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Qualifiers: ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



Advanced Technology Laboratories

Date: 30-Jul-02

CLIENT: Geocon Environmental
Work Order: 057892
Project: Rte 5-NB, 9100-06-49

ANALYTICAL QC SUMMARY REPORT

TestCode: 7420\_TC

Table with 12 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, Analysis Date, SeqNo, Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual. Row 1: MB-9763, mblk, 7420\_TC, mg/L, 7/22/2002, AA2\_020725B, ZZZZZ, 9763, EPA 1311/ 74 (EPA 3010A), 7/25/2002, 305986, Lead, 0.07364, 0.20

Table with 12 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, Analysis Date, SeqNo, Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual. Row 1: MB-9704-TCLP, mblk, 7420\_TC, mg/L, 7/22/2002, AA2\_020725B, ZZZZZ, 9763, EPA 1311/ 74 (EPA 3010A), 7/25/2002, 305987, Lead, 0.05161, 0.20

Table with 12 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, Analysis Date, SeqNo, Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual. Row 1: MB-9761, mblk, 7420\_TC, mg/L, 7/22/2002, AA2\_020725F, ZZZZZ, 9761, EPA 1311/ 74 (EPA 3010A), 7/25/2002, 306054, Lead, 0.06383, 0.20

Table with 12 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, Analysis Date, SeqNo, Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual. Row 1: MB-9702-TCLP, mblk, 7420\_TC, mg/L, 7/22/2002, AA2\_020725F, ZZZZZ, 9761, EPA 1311/ 74 (EPA 3010A), 7/25/2002, 306057, Lead, 0.06812, 0.20

Table with 12 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, Analysis Date, SeqNo, Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual. Row 1: MB-9762, mblk, 7420\_TC, mg/L, 7/22/2002, AA2\_020725H, ZZZZZ, 9762, EPA 1311/ 74 (EPA 3010A), 7/25/2002, 306098, Lead, 0.0752, 0.20

Qualifiers: ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits DO- Surrogate dilute out
J - Analyte detected below quantitation limits B - Analyte detected in the associated Method Blank H - Sample exceeded holding time
R - RPD outside accepted recovery limits Calculations are based on raw values



CLIENT: Geocon Environmental  
Work Order: 057892  
Project: Rte 5-NB, 9100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 7420\_TC

Sample ID	MB-9703-TCLP	SampType:	mblk	TestCode:	7420_TC	Units:	mg/L	Prep Date:	7/22/2002	Run ID:	AA2_020725H			
Client ID:	ZZZZZ	Batch ID:	9762	TestNo:	EPA 1311/ 74 (EPA 3010A)			Analysis Date:	7/25/2002	SeqNo:	306100			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 0.06937 0.20

Sample ID	LCS-9763	SampType:	ics	TestCode:	7420_TC	Units:	mg/L	Prep Date:	7/22/2002	Run ID:	AA2_020725B			
Client ID:	ZZZZZ	Batch ID:	9763	TestNo:	EPA 1311/ 74 (EPA 3010A)			Analysis Date:	7/25/2002	SeqNo:	306001			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 1.18 0.20 1 0 118 80 120 0 0

Sample ID	LCS-9761	SampType:	ics	TestCode:	7420_TC	Units:	mg/L	Prep Date:	7/22/2002	Run ID:	AA2_020725F			
Client ID:	ZZZZZ	Batch ID:	9761	TestNo:	EPA 1311/ 74 (EPA 3010A)			Analysis Date:	7/25/2002	SeqNo:	306077			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 0.9935 0.20 1 0 99.3 80 120 0 0

Sample ID	LCS-9762	SampType:	ics	TestCode:	7420_TC	Units:	mg/L	Prep Date:	7/22/2002	Run ID:	AA2_020725H			
Client ID:	ZZZZZ	Batch ID:	9762	TestNo:	EPA 1311/ 74 (EPA 3010A)			Analysis Date:	7/25/2002	SeqNo:	306136			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 1.123 0.20 1 0 112 80 120 0 0

Sample ID	057898-008AMS	SampType:	MS	TestCode:	7420_TC	Units:	mg/L	Prep Date:	7/22/2002	Run ID:	AA2_020725B			
Client ID:	ZZZZZ	Batch ID:	9763	TestNo:	EPA 1311/ 74 (EPA 3010A)			Analysis Date:	7/25/2002	SeqNo:	305999			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 2.833 0.20 2.5 0.1728 106 80 120 0 0

Qualifiers: ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



CLIENT: Geocon Environmental  
Work Order: 057892  
Project: Rte 5-NB, 9100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 7420\_TC

Sample ID	057892-006AMS	SampType:	MS	TestCode:	7420_TC	Units:	mg/L	Prep Date:	7/22/2002	Run ID:	AA2_020725F			
Client ID:	N39-0.6	Batch ID:	9761	TestNo:	EPA 1311/ 74 (EPA 3010A)			Analysis Date:	7/25/2002	SeqNo:	306075			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	8.458	0.20	2.5	8.788	-13.2	80	120	0	0	0	S
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Sample ID	057892-032AMS	SampType:	MS	TestCode:	7420_TC	Units:	mg/L	Prep Date:	7/22/2002	Run ID:	AA2_020725H			
Client ID:	N48-S	Batch ID:	9762	TestNo:	EPA 1311/ 74 (EPA 3010A)			Analysis Date:	7/25/2002	SeqNo:	306134			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	5.154	0.20	3.125	1.441	119	80	120	0	0	
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Sample ID	057898-008ADUP	SampType:	DUP	TestCode:	7420_TC	Units:	mg/L	Prep Date:	7/22/2002	Run ID:	AA2_020725B			
Client ID:	ZZZZZ	Batch ID:	9763	TestNo:	EPA 1311/ 74 (EPA 3010A)			Analysis Date:	7/25/2002	SeqNo:	305998			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	0.1684	0.20	0	0	0	0	0	0	0.1728	0	30	J
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Sample ID	057892-006ADUP	SampType:	DUP	TestCode:	7420_TC	Units:	mg/L	Prep Date:	7/22/2002	Run ID:	AA2_020725F			
Client ID:	N39-0.6	Batch ID:	9761	TestNo:	EPA 1311/ 74 (EPA 3010A)			Analysis Date:	7/25/2002	SeqNo:	306074			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	8.883	0.20	0	0	0	0	0	8.788	1.08	30
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Sample ID	057892-032ADUP	SampType:	DUP	TestCode:	7420_TC	Units:	mg/L	Prep Date:	7/22/2002	Run ID:	AA2_020725H			
Client ID:	N48-S	Batch ID:	9762	TestNo:	EPA 1311/ 74 (EPA 3010A)			Analysis Date:	7/25/2002	SeqNo:	306133			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	1.089	0.20	0	0	0	0	0	1.441	27.8	30
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**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



Advanced Technology Laboratories

Date: 24-Jul-02

CLIENT: Geocon Environmental
Work Order: 057892
Project: Rte 5-NB, 9100-06-49

ANALYTICAL QC SUMMARY REPORT

TestCode: 7420\_DI

Table with 13 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, Analysis Date, SeqNo, Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual. Row 1: MB-9678A, MBLK, 7420\_DI, mg/L, 7/18/2002, AA2\_020723A, ZZZZZ, 9678, WET DI/ EPA (WET), 7/23/2002, 304342, Lead, ND, 0.20

Table with 13 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, Analysis Date, SeqNo, Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual. Row 1: MB-9678, MBLK, 7420\_DI, mg/L, 7/23/2002, AA2\_020723A, ZZZZZ, 9678, WET DI/ EPA (WET), 7/23/2002, 304343, Lead, ND, 0.20

Table with 13 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, Analysis Date, SeqNo, Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual. Row 1: MB-9678B, MBLK, 7420\_DI, mg/L, 7/18/2002, AA2\_020723A, ZZZZZ, 9678, WET DI/ EPA (WET), 7/23/2002, 304356, Lead, ND, 0.20

Table with 13 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, Analysis Date, SeqNo, Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual. Row 1: MB-9679, MBLK, 7420\_DI, mg/L, 7/23/2002, AA2\_020723B, ZZZZZ, 9679, WET DI/ EPA (WET), 7/23/2002, 304371, Lead, ND, 0.20

Table with 13 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, Analysis Date, SeqNo, Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual. Row 1: MB-9679A, MBLK, 7420\_DI, mg/L, 7/18/2002, AA2\_020723B, ZZZZZ, 9679, WET DI/ EPA (WET), 7/23/2002, 304372, Lead, ND, 0.20

Qualifiers: ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits DO- Surrogate dilute out
J - Analyte detected below quantitation limits B - Analyte detected in the associated Method Blank H - Sample exceeded holding time
R - RPD outside accepted recovery limits Calculations are based on raw values



CLIENT: Geocon Environmental  
Work Order: 057892  
Project: Rte 5-NB, 9100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 7420\_DI

Sample ID	MB-9679B	SampType:	MBLK	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/18/2002	Run ID:	AA2_020723B			
Client ID:	ZZZZZ	Batch ID:	9679	TestNo:	WET DI/ EPA (WET)			Analysis Date:	7/23/2002	SeqNo:	304385			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead ND 0.20

Sample ID	MB-9680	SampType:	MBLK	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020723C			
Client ID:	ZZZZZ	Batch ID:	9680	TestNo:	WET DI/ EPA (WET)			Analysis Date:	7/23/2002	SeqNo:	304400			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead ND 0.20

Sample ID	MB-9680A	SampType:	MBLK	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/18/2002	Run ID:	AA2_020723C			
Client ID:	ZZZZZ	Batch ID:	9680	TestNo:	WET DI/ EPA (WET)			Analysis Date:	7/23/2002	SeqNo:	304401			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead ND 0.20

Sample ID	MB-9680B	SampType:	MBLK	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/18/2002	Run ID:	AA2_020723C			
Client ID:	ZZZZZ	Batch ID:	9680	TestNo:	WET DI/ EPA (WET)			Analysis Date:	7/23/2002	SeqNo:	304414			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead ND 0.20

Sample ID	LCS-9678	SampType:	LCS	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020723A			
Client ID:	ZZZZZ	Batch ID:	9678	TestNo:	WET DI/ EPA (WET)			Analysis Date:	7/23/2002	SeqNo:	304370			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 7.737 0.20 7.5 0 103 80 120 0 0

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



CLIENT: Geocon Environmental  
Work Order: 057892  
Project: Rte 5-NB, 9100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 7420\_DI

Sample ID	LCS-9679	SampType:	LCS	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020723B		
Client ID:	ZZZZZ	Batch ID:	9679	TestNo:	WET DI/ EPA (WET)	Analysis Date:	7/23/2002	SeqNo:	304399				
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	7.603	0.20	7.5	0	101	80	120	0	0			
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Sample ID	LCS-9680	SampType:	LCS	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020723C		
Client ID:	ZZZZZ	Batch ID:	9680	TestNo:	WET DI/ EPA (WET)	Analysis Date:	7/23/2002	SeqNo:	304428				
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	7.712	0.20	7.5	0	103	80	120	0	0			
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Sample ID	057892-029AMS	SampType:	MS	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020723A		
Client ID:	N47-0.3	Batch ID:	9678	TestNo:	WET DI/ EPA (WET)	Analysis Date:	7/23/2002	SeqNo:	304355				
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	7.69	0.20	5	3.095	91.9	80	120	0	0			
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Sample ID	057892-041AMS	SampType:	MS	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020723A		
Client ID:	N50-0.6	Batch ID:	9678	TestNo:	WET DI/ EPA (WET)	Analysis Date:	7/23/2002	SeqNo:	304368				
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	6.538	0.20	5	1.123	108	80	120	0	0			
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Sample ID	057892-054AMS	SampType:	MS	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020723B		
Client ID:	N54-0.3	Batch ID:	9679	TestNo:	WET DI/ EPA (WET)	Analysis Date:	7/23/2002	SeqNo:	304384				
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	6.114	0.20	5	0.6172	110	80	120	0	0			
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**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



CLIENT: Geocon Environmental  
Work Order: 057892  
Project: Rte 5-NB, 9100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 7420\_DI

Sample ID	057892-064AMS	SampType:	MS	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020723B			
Client ID:	N57-S	Batch ID:	9679	TestNo:	WET DI/ EPA (WET)			Analysis Date:	7/23/2002	SeqNo:	304397			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead		7.606		0.20	5	2.164		109	80	120	0	0		

Sample ID	057892-079AMS	SampType:	MS	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020723C			
Client ID:	N62-0.3	Batch ID:	9680	TestNo:	WET DI/ EPA (WET)			Analysis Date:	7/23/2002	SeqNo:	304413			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead		6.117		0.20	5	1.107		100	80	120	0	0		

Sample ID	057898-017AMS	SampType:	MS	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020723C			
Client ID:	ZZZZZ	Batch ID:	9680	TestNo:	WET DI/ EPA (WET)			Analysis Date:	7/23/2002	SeqNo:	304426			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead		5.353		0.20	5	0.1251		105	80	120	0	0		

Sample ID	057892-029ADUP	SampType:	DUP	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/18/2002	Run ID:	AA2_020723A			
Client ID:	N47-0.3	Batch ID:	9678	TestNo:	WET DI/ EPA (WET)			Analysis Date:	7/23/2002	SeqNo:	304354			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead		1.957		0.20	0	0		0	0	0	3.095	45.0	30	R

Sample ID	057892-041ADUP	SampType:	DUP	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/18/2002	Run ID:	AA2_020723A			
Client ID:	N50-0.6	Batch ID:	9678	TestNo:	WET DI/ EPA (WET)			Analysis Date:	7/23/2002	SeqNo:	304367			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead		0.8322		0.20	0	0		0	0	0	1.123	29.8	30	

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



CLIENT: Geocon Environmental  
Work Order: 057892  
Project: Rte 5-NB, 9100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 7420\_DI

Sample ID	057892-054ADUP	SampType:	DUP	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/18/2002	Run ID:	AA2_020723B
Client ID:	N54-0.3	Batch ID:	9679	TestNo:	WET DI/ EPA (WET)	Analysis Date:	7/23/2002	SeqNo:	304383		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	0.5194	0.20	0	0	0	0	0	0.6172	17.2	30	
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Sample ID	057892-064ADUP	SampType:	DUP	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/18/2002	Run ID:	AA2_020723B
Client ID:	N57-S	Batch ID:	9679	TestNo:	WET DI/ EPA (WET)	Analysis Date:	7/23/2002	SeqNo:	304396		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	1.823	0.20	0	0	0	0	0	2.164	17.1	30	
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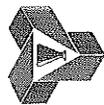
Sample ID	057892-079ADUP	SampType:	DUP	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/18/2002	Run ID:	AA2_020723C
Client ID:	N62-0.3	Batch ID:	9680	TestNo:	WET DI/ EPA (WET)	Analysis Date:	7/23/2002	SeqNo:	304412		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	0.9542	0.20	0	0	0	0	0	1.107	14.9	30	
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Sample ID	057898-017ADUP	SampType:	DUP	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/18/2002	Run ID:	AA2_020723C
Client ID:	ZZZZZ	Batch ID:	9680	TestNo:	WET DI/ EPA (WET)	Analysis Date:	7/23/2002	SeqNo:	304425		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	0.2225	0.20	0	0	0	0	0	0.1251	56.0	30	R
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Qualifiers: ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



Advanced Technology Laboratories

Date: 30-Jul-02

CLIENT: Geocon Environmental
Work Order: 057892
Project: Rte 5-NB, 9100-06-49

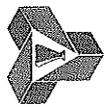
ANALYTICAL QC SUMMARY REPORT

TestCode: 6010\_S

Table with 13 columns: Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual. Rows include Antimony, Arsenic, Barium, Beryllium, Cadmium, Chromium, Cobalt, Copper, Lead, Molybdenum, Nickel, Selenium, Silver, Thallium, Vanadium, Zinc.

Table with 13 columns: Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual. Rows include Antimony, Arsenic, Barium, Beryllium, Cadmium, Chromium, Cobalt, Copper.

Qualifiers: ND - Not Detected at the Reporting Limit, S - Spike Recovery outside accepted recovery limits, DO- Surrogate dilute out, J - Analyte detected below quantitation limits, B - Analyte detected in the associated Method Blank, H - Sample exceeded holding time, R - RPD outside accepted recovery limits, Calculations are based on raw values



CLIENT: Geocon Environmental  
Work Order: 057892  
Project: Rte 5-NB, 9100-06-49

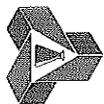
### ANALYTICAL QC SUMMARY REPORT

TestCode: 6010\_S

Sample ID	MB-9917	SampType:	MBLK	TestCode:	6010_S	Units:	mg/Kg	Prep Date:	7/28/2002	Run ID:	ICP2_020729D												
Client ID:	ZZZZZ	Batch ID:	9917	TestNo:	EPA 6010B (EPA 3050A)			Analysis Date:	7/29/2002	SeqNo:	309112												
Analyte		Result		PQL		SPK value		SPK Ref Val		%REC		LowLimit		HighLimit		RPD Ref Val		%RPD		RPDLimit		Qual	
Lead		0.154		0.25																			
Molybdenum		0.013		0.25																			
Nickel		ND		0.15																			
Selenium		ND		0.25																			
Silver		0.059		0.15																			
Thallium		ND		0.25																			
Vanadium		ND		0.15																			
Zinc		0.183		0.50																			

Sample ID	LCS-9916	SampType:	LCS	TestCode:	6010_S	Units:	mg/Kg	Prep Date:	7/28/2002	Run ID:	ICP2_020729C												
Client ID:	ZZZZZ	Batch ID:	9916	TestNo:	EPA 6010B (EPA 3050A)			Analysis Date:	7/29/2002	SeqNo:	309034												
Analyte		Result		PQL		SPK value		SPK Ref Val		%REC		LowLimit		HighLimit		RPD Ref Val		%RPD		RPDLimit		Qual	
Antimony		45		0.25		50		0		90		80		120		0		0		0			
Arsenic		46.5		0.25		50		0		93		80		120		0		0		0			
Barium		46.5		0.15		50		0		93		80		120		0		0		0			
Beryllium		46		0.15		50		0		92		80		120		0		0		0			
Cadmium		43.5		0.15		50		0		87		80		120		0		0		0			
Chromium		45.5		0.15		50		0		91		80		120		0		0		0			
Cobalt		43.5		0.15		50		0		87		80		120		0		0		0			
Copper		45.5		0.15		50		0		91		80		120		0		0		0			
Lead		44		0.25		50		0		88		80		120		0		0		0			
Molybdenum		46		0.25		50		0		92		80		120		0		0		0			
Nickel		42.5		0.15		50		0		85		80		120		0		0		0			
Selenium		44		0.25		50		0		88		80		120		0		0		0			
Silver		45		0.15		50		0		90		80		120		0		0		0			
Thallium		45		0.25		50		0		90		80		120		0		0		0			
Vanadium		46.5		0.15		50		0		93		80		120		0		0		0			
Zinc		45		0.50		50		0		90		80		120		0		0		0			

Qualifiers: ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
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CLIENT: Geocon Environmental  
Work Order: 057892  
Project: Rte 5-NB, 9100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 6010\_S

Sample ID	LCS-9917	SampType:	LCS	TestCode:	6010_S	Units:	mg/Kg	Prep Date:	7/28/2002	Run ID:	ICP2_020729D
Client ID:	ZZZZZ	Batch ID:	9917	TestNo:	EPA 6010B (EPA 3050A)	Analysis Date:	7/29/2002	SeqNo:	309098		

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	52	0.25	50	0	104	80	120	0	0		
Arsenic	53.5	0.25	50	0	107	80	120	0	0		
Barium	53	0.15	50	0	106	80	120	0	0		
Beryllium	51.5	0.15	50	0	103	80	120	0	0		
Cadmium	49	0.15	50	0	98	80	120	0	0		
Chromium	51	0.15	50	0	102	80	120	0	0		
Cobalt	49.5	0.15	50	0	99	80	120	0	0		
Copper	51	0.15	50	0	102	80	120	0	0		
Lead	51	0.25	50	0	102	80	120	0	0		
Molybdenum	52	0.25	50	0	104	80	120	0	0		
Nickel	48.5	0.15	50	0	97	80	120	0	0		
Selenium	50	0.25	50	0	100	80	120	0	0		
Silver	52	0.15	50	0	104	80	120	0	0		
Thallium	51.5	0.25	50	0	103	80	120	0	0		
Vanadium	53	0.15	50	0	106	80	120	0	0		
Zinc	50	0.50	50	0	100	80	120	0	0		

Sample ID	057892-024AMS	SampType:	MS	TestCode:	6010_S	Units:	mg/Kg	Prep Date:	7/28/2002	Run ID:	ICP2_020729C
Client ID:	N45-S	Batch ID:	9916	TestNo:	EPA 6010B (EPA 3050A)	Analysis Date:	7/29/2002	SeqNo:	309048		

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	95	0.25	125	2.5	74	32	115	0	0		
Arsenic	127	0.25	125	8.5	94.8	59	111	0	0		
Barium	307	0.15	125	186	96.8	34	151	0	0		
Beryllium	118	0.15	125	0	94.4	56	112	0	0		
Cadmium	111	0.15	125	0	88.8	52	120	0	0		
Chromium	141	0.15	125	24	93.6	56	118	0	0		
Cobalt	118.5	0.15	125	6	90	58	117	0	0		
Copper	201.5	0.15	125	73.5	102	58	134	0	0		
Lead	2036	0.25	125	2315	-223	47	128	0	0		S

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
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CLIENT: Geocon Environmental  
Work Order: 057892  
Project: Rte 5-NB, 9100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 6010\_S

Sample ID	057892-024AMS	SampType:	MS	TestCode:	6010_S	Units:	mg/Kg	Prep Date:	7/28/2002	Run ID:	ICP2_020729C
Client ID:	N45-S	Batch ID:	9916	TestNo:	EPA 6010B (EPA 3050A)	Analysis Date:	7/29/2002	SeqNo:	309048		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Molybdenum	119	0.25	125	5.5	90.8	56	115	0	0		
Nickel	132	0.15	125	18	91.2	52	120	0	0		
Selenium	115	0.25	125	0	92	46	108	0	0		
Silver	121.5	0.15	125	0.1235	97.1	74	117	0	0		
Thallium	115	0.25	125	0.5	91.6	62	117	0	0		
Vanadium	148	0.15	125	23.5	99.6	55	122	0	0		
Zinc	1242	0.50	125	438	644	43	134	0	0		S

Sample ID	057936-019AMS	SampType:	MS	TestCode:	6010_S	Units:	mg/Kg	Prep Date:	7/28/2002	Run ID:	ICP2_020729D
Client ID:	ZZZZZ	Batch ID:	9917	TestNo:	EPA 6010B (EPA 3050A)	Analysis Date:	7/29/2002	SeqNo:	309110		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	100	0.25	125	2.5	78	32	115	0	0		
Arsenic	126.5	0.25	125	13	90.8	59	111	0	0		
Barium	288	0.15	125	210	62.4	34	151	0	0		
Beryllium	113.5	0.15	125	0	90.8	56	112	0	0		
Cadmium	106.5	0.15	125	0	85.2	52	120	0	0		
Chromium	138.5	0.15	125	28	88.4	56	118	0	0		
Cobalt	115.5	0.15	125	7.5	86.4	58	117	0	0		
Copper	193.5	0.15	125	71.5	97.6	58	134	0	0		
Molybdenum	116	0.25	125	3.5	90	56	115	0	0		
Nickel	129	0.15	125	27.5	81.2	52	120	0	0		
Selenium	113	0.25	125	0	90.4	46	108	0	0		
Silver	119	0.15	125	0.1365	95.1	74	117	0	0		
Thallium	111.5	0.25	125	1	88.4	62	117	0	0		
Vanadium	148.5	0.15	125	29	95.6	55	122	0	0		
Zinc	471.5	0.50	125	594.5	-98.4	43	134	0	0		S

Qualifiers: ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
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CLIENT: Geocon Environmental  
Work Order: 057892  
Project: Rte 5-NB, 9100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 6010\_S

Sample ID	057936-019AMS	SampType:	MS	TestCode:	6010_S	Units:	mg/Kg	Prep Date:	7/28/2002	Run ID:	ICP2_020729D
Client ID:	ZZZZZ	Batch ID:	9917	TestNo:	EPA 6010B (EPA 3050A)			Analysis Date:	7/29/2002	SeqNo:	309118
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	3055	2.5	125	3800	-596	47	128	0	0		S
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Sample ID	057892-024AMSD	SampType:	MSD	TestCode:	6010_S	Units:	mg/Kg	Prep Date:	7/28/2002	Run ID:	ICP2_020729C
Client ID:	N45-S	Batch ID:	9916	TestNo:	EPA 6010B (EPA 3050A)			Analysis Date:	7/29/2002	SeqNo:	309049
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Antimony	99	0.25	125	2.5	77.2	32	115	95	4.12	20	
Arsenic	129.5	0.25	125	8.5	96.8	59	111	127	1.95	20	
Barium	340	0.15	125	186	123	34	151	307	10.2	20	
Beryllium	120	0.15	125	0	96	56	112	118	1.68	20	
Cadmium	112.5	0.15	125	0	90	52	120	111	1.34	20	
Chromium	144.5	0.15	125	24	96.4	56	118	141	2.45	20	
Cobalt	121	0.15	125	6	92	58	117	118.5	2.09	20	
Copper	216.5	0.15	125	73.5	114	58	134	201.5	7.18	20	
Lead	2292	0.25	125	2315	-18.8	47	128	2036	11.8	20	S
Molybdenum	122.5	0.25	125	5.5	93.6	56	115	119	2.90	20	
Nickel	136.5	0.15	125	18	94.8	52	120	132	3.35	20	
Selenium	117	0.25	125	0	93.6	46	108	115	1.72	20	
Silver	123	0.15	125	0.1235	98.3	74	117	121.5	1.23	20	
Thallium	117	0.25	125	0.5	93.2	62	117	115	1.72	20	
Vanadium	152	0.15	125	23.5	103	55	122	148	2.67	20	
Zinc	502.5	0.50	125	438	51.6	43	134	1242	84.8	20	R

Sample ID	057936-019AMSD	SampType:	MSD	TestCode:	6010_S	Units:	mg/Kg	Prep Date:	7/28/2002	Run ID:	ICP2_020729D
Client ID:	ZZZZZ	Batch ID:	9917	TestNo:	EPA 6010B (EPA 3050A)			Analysis Date:	7/29/2002	SeqNo:	309111
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Antimony	107	0.25	125	2.5	83.6	32	115	100	6.76	20	
Arsenic	127	0.25	125	13	91.2	59	111	126.5	0.394	20	
Barium	280.5	0.15	125	210	56.4	34	151	288	2.64	20	

Qualifiers: ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
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 R - RPD outside accepted recovery limits      Calculations are based on raw values



**CLIENT:** Geocon Environmental  
**Work Order:** 057892  
**Project:** Rte 5-NB, 9100-06-49

## ANALYTICAL QC SUMMARY REPORT

**TestCode: 6010\_S**

Sample ID: 057936-019AMSD	SampType: MSD	TestCode: 6010_S	Units: mg/Kg	Prep Date: 7/28/2002	Run ID: ICP2_020729D
Client ID: ZZZZZ	Batch ID: 9917	TestNo: EPA 6010B (EPA 3050A)		Analysis Date: 7/29/2002	SeqNo: 309111

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Beryllium	116.5	0.15	125	0	93.2	56	112	113.5	2.61	20	
Cadmium	109.5	0.15	125	0	87.6	52	120	106.5	2.78	20	
Chromium	134.5	0.15	125	28	85.2	56	118	138.5	2.93	20	
Cobalt	117	0.15	125	7.5	87.6	58	117	115.5	1.29	20	
Copper	195	0.15	125	71.5	98.8	58	134	193.5	0.772	20	
Molybdenum	119.5	0.25	125	3.5	92.8	56	115	116	2.97	20	
Nickel	128.5	0.15	125	27.5	80.8	52	120	129	0.388	20	
Selenium	115.5	0.25	125	0	92.4	46	108	113	2.19	20	
Silver	120.5	0.15	125	0.1365	96.3	74	117	119	1.25	20	
Thallium	114.5	0.25	125	1	90.8	62	117	111.5	2.65	20	
Vanadium	143.5	0.15	125	29	91.6	55	122	148.5	3.42	20	
Zinc	464	0.50	125	594.5	-104	43	134	471.5	1.60	20	S

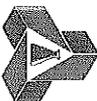
Sample ID: 057936-019AMSD	SampType: MSD	TestCode: 6010_S	Units: mg/Kg	Prep Date: 7/28/2002	Run ID: ICP2_020729D
Client ID: ZZZZZ	Batch ID: 9917	TestNo: EPA 6010B (EPA 3050A)		Analysis Date: 7/29/2002	SeqNo: 309119

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	3270	2.5	125	3800	-424	47	128	3055	6.80	20	S

Sample ID: 057892-024ADUP	SampType: DUP	TestCode: 6010_S	Units: mg/Kg	Prep Date: 7/28/2002	Run ID: ICP2_020729C
Client ID: N45-S	Batch ID: 9916	TestNo: EPA 6010B (EPA 3050A)		Analysis Date: 7/29/2002	SeqNo: 309047

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	2.5	0.25	0	0	0	0	0	0	0	0	
Arsenic	8.5	0.25	0	0	0	0	0	0	0	0	
Barium	186	0.15	0	0	0	0	0	0	0	0	
Beryllium	ND	0.15	0	0	0	0	0	0	0	0	
Cadmium	ND	0.15	0	0	0	0	0	0	0	0	
Chromium	24	0.15	0	0	0	0	0	0	0	0	
Cobalt	6	0.15	0	0	0	0	0	0	0	0	

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



CLIENT: Geocon Environmental  
Work Order: 057892  
Project: Rte 5-NB, 9100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 6010\_S

Sample ID	057892-024ADUP	SampType:	DUP	TestCode:	6010_S	Units:	mg/Kg	Prep Date:	7/28/2002	Run ID:	ICP2_020729C
Client ID:	N45-S	Batch ID:	9916	TestNo:	EPA 6010B (EPA 3050A)	Analysis Date:	7/29/2002	SeqNo:	309047		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	73.5	0.15	0	0	0	0	0	0	0	0	
Lead	2315	0.25	0	0	0	0	0	0	0	0	
Molybdenum	5.5	0.25	0	0	0	0	0	0	0	0	
Nickel	18	0.15	0	0	0	0	0	0	0	0	
Selenium	ND	0.25	0	0	0	0	0	0	0	0	
Silver	0.1235	0.15	0	0	0	0	0	0	0	0	J
Thallium	0.5	0.25	0	0	0	0	0	0	0	0	
Vanadium	23.5	0.15	0	0	0	0	0	0	0	0	
Zinc	436	0.50	0	0	0	0	0	0	0	0	

Sample ID	057936-019ADUP	SampType:	DUP	TestCode:	6010_S	Units:	mg/Kg	Prep Date:	7/28/2002	Run ID:	ICP2_020729D
Client ID:	ZZZZZ	Batch ID:	9917	TestNo:	EPA 6010B (EPA 3050A)	Analysis Date:	7/29/2002	SeqNo:	309109		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	2.5	0.25	0	0	0	0	0	2.5	0	30	
Arsenic	13	0.25	0	0	0	0	0	13	0	30	
Barium	210	0.15	0	0	0	0	0	210	0	30	
Beryllium	ND	0.15	0	0	0	0	0	0	0	30	
Cadmium	ND	0.15	0	0	0	0	0	0	0	30	
Chromium	28	0.15	0	0	0	0	0	28	0	30	
Cobalt	7.5	0.15	0	0	0	0	0	7.5	0	30	
Copper	71.5	0.15	0	0	0	0	0	71.5	0	30	
Molybdenum	3.5	0.25	0	0	0	0	0	3.5	0	30	
Nickel	27.5	0.15	0	0	0	0	0	27.5	0	30	
Selenium	ND	0.25	0	0	0	0	0	0	0	30	
Silver	0.1365	0.15	0	0	0	0	0	0.1365	0	30	J
Thallium	1	0.25	0	0	0	0	0	1	0	30	
Vanadium	29	0.15	0	0	0	0	0	29	0	30	
Zinc	594.5	0.50	0	0	0	0	0	594.5	0	30	

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



CLIENT: Geocon Environmental  
Work Order: 057892  
Project: Rte 5-NB, 9100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 6010\_S

Sample ID	057936-019ADUP	SampType:	DUP	TestCode:	6010_S	Units:	mg/Kg	Prep Date:	7/28/2002	Run ID:	ICP2_020729D		
Client ID:	ZZZZZ	Batch ID:	9917	TestNo:	EPA 6010B (EPA 3050A)	Analysis Date:	7/29/2002	SeqNo:	309117				
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead		4210		2.5	0	0	0	0	0	3800	10.2	30	

Qualifiers: ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



**CLIENT:** Geocon Environmental  
**Work Order:** 057892  
**Project:** Rte 5-NB, 9100-06-49

### ANALYTICAL QC SUMMARY REPORT

**TestCode:** 7471\_S

Sample ID	MB-9919	SampType:	mblk	TestCode:	7471_S	Units:	mg/Kg	Prep Date:	7/28/2002	Run ID:	AA1_020729A			
Client ID:	ZZZZZ	Batch ID:	9919	TestNo:	EPA 7471A (EPA 7471)			Analysis Date:	7/29/2002	SeqNo:	309061			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Mercury ND 0.10

Sample ID	MB-9920	SampType:	mblk	TestCode:	7471_S	Units:	mg/Kg	Prep Date:	7/28/2002	Run ID:	AA1_020729B			
Client ID:	ZZZZZ	Batch ID:	9920	TestNo:	EPA 7471A (EPA 7471)			Analysis Date:	7/29/2002	SeqNo:	309080			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Mercury 0.03565 0.10

Sample ID	LCS-9919	SampType:	ics	TestCode:	7471_S	Units:	mg/Kg	Prep Date:	7/28/2002	Run ID:	AA1_020729A			
Client ID:	ZZZZZ	Batch ID:	9919	TestNo:	EPA 7471A (EPA 7471)			Analysis Date:	7/29/2002	SeqNo:	309060			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Mercury 2.02 0.10 2.08 0 97.1 80 120 0 0

Sample ID	LCS-9920	SampType:	ics	TestCode:	7471_S	Units:	mg/Kg	Prep Date:	7/28/2002	Run ID:	AA1_020729B			
Client ID:	ZZZZZ	Batch ID:	9920	TestNo:	EPA 7471A (EPA 7471)			Analysis Date:	7/29/2002	SeqNo:	309079			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Mercury 2.144 0.10 2.08 0 103 80 120 0 0

Sample ID	057892-003AMS	SampType:	MS	TestCode:	7471_S	Units:	mg/Kg	Prep Date:	7/28/2002	Run ID:	AA1_020729A			
Client ID:	N38-0.6	Batch ID:	9919	TestNo:	EPA 7471A (EPA 7471)			Analysis Date:	7/29/2002	SeqNo:	309064			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Mercury 0.609 1.0 0.83 0 73.4 62 146 0 0 J

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
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 R - RPD outside accepted recovery limits      Calculations are based on raw values



CLIENT: Geocon Environmental  
Work Order: 057892  
Project: Rte 5-NB, 9100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 7471\_S

Sample ID	057900-074AMS	SampType:	MS	TestCode:	7471_S	Units:	mg/Kg	Prep Date:	7/28/2002	Run ID:	AA1_020729B		
Client ID:	ZZZZZ	Batch ID:	9920	TestNo:	EPA 7471A (EPA 7471)	Analysis Date:	7/29/2002	SeqNo:	309077				
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Mercury	1.067	0.10	0.83	0.218	102	62	146	0	0		
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Sample ID	057892-003AMSD	SampType:	MSD	TestCode:	7471_S	Units:	mg/Kg	Prep Date:	7/28/2002	Run ID:	AA1_020729A		
Client ID:	N38-0.6	Batch ID:	9919	TestNo:	EPA 7471A (EPA 7471)	Analysis Date:	7/29/2002	SeqNo:	309065				
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Mercury	0.6339	1.0	0.83	0	76.4	62	146	0.609	0	33	J
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Sample ID	057900-074AMSD	SampType:	MSD	TestCode:	7471_S	Units:	mg/Kg	Prep Date:	7/28/2002	Run ID:	AA1_020729B		
Client ID:	ZZZZZ	Batch ID:	9920	TestNo:	EPA 7471A (EPA 7471)	Analysis Date:	7/29/2002	SeqNo:	309078				
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Mercury	1.144	0.10	0.83	0.218	112	62	146	1.067	7.02	33
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Sample ID	057892-003ADUP	SampType:	DUP	TestCode:	7471_S	Units:	mg/Kg	Prep Date:	7/28/2002	Run ID:	AA1_020729A		
Client ID:	N38-0.6	Batch ID:	9919	TestNo:	EPA 7471A (EPA 7471)	Analysis Date:	7/29/2002	SeqNo:	309063				
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Mercury	ND	1.0	0	0	0	0	0	0	0	0	30
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Sample ID	057900-074ADUP	SampType:	DUP	TestCode:	7471_S	Units:	mg/Kg	Prep Date:	7/28/2002	Run ID:	AA1_020729B		
Client ID:	ZZZZZ	Batch ID:	9920	TestNo:	EPA 7471A (EPA 7471)	Analysis Date:	7/29/2002	SeqNo:	309076				
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Mercury	0.1995	0.10	0	0	0	0	0	0.218	8.85	30
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Qualifiers: ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values

REVISIONS  
BY \_\_\_\_\_ DATE \_\_\_\_\_  
BY \_\_\_\_\_ DATE \_\_\_\_\_  
BY \_\_\_\_\_ DATE \_\_\_\_\_  
CHECKED BY \_\_\_\_\_

All samples → total lead (6010)  
total lead > 50 mg/kg → WET-Citric  
WET-CITRIC > 5 mg/L → WET-DI  
Total lead > 1,000 mg/kg → TCLP  
10% → Soil pH (9045)

Please call when all totals have been run. I will instruct what samples should be run for Title 22 metals.

Thanks - Chris King

**Diane**

---

**From:** Chris King [king@geoconinc.com]

**Sent:** Monday, July 22, 2002 10:57 AM

**To:** 'Diane'

**Subject:** 09100-06-49

Diane - please run the 15 samples with the highest total lead content for Title 22 metals. Please do this for each direction (northbound and southbound), so the total number of tests will be 30. Thank you and please call me if you have any questions.

Christopher S. King  
Senior Staff Engineer  
Geocon Consultants, Inc.

7/22/2002

July 19, 2002

Chris King  
Geocon Environmental  
6970 Flanders Drive  
San Diego, CA 92121  
TEL: (858) 558-6100  
FAX: (858) 558-8437

RE: Rte 5 - NB, 9100-06-49  
Attention: Chris King

ELAP No.: 1838  
NELAP No.: 02107CA  
Workorder No.: 057900

Enclosed are the results for sample(s) received on July 12, 2002 by Advanced Technology Laboratories and tested for the parameters indicated in the enclosed chain of custody.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (562)989-4045 if I can be of further assistance to your company.

Sincerely,



Eddie F. Rodriguez  
Laboratory Director

This cover letter is an integral part of this analytical report.



# CHAIN OF CUSTODY RECORD



**Advanced Technology  
Laboratories**

3275 Walnut Avenue  
Signal Hill, CA 90807  
(562) 989-4045 • FAX (562) 989-4040

## FOR LABORATORY USE ONLY:

P.O.#: _____  Logged By: _____ Date: _____ Time: _____	Method of Transport Walk-in <input type="checkbox"/> Courier <input type="checkbox"/> UPS <input type="checkbox"/> FED. EXP. <input type="checkbox"/> ATL <input type="checkbox"/>	Sample Condition Upon Receipt 1. CHILLED Y <input type="checkbox"/> N <input type="checkbox"/> 4. SEALED Y <input type="checkbox"/> N <input type="checkbox"/> 2. HEADSPACE (VOA) Y <input type="checkbox"/> N <input type="checkbox"/> 5. # OF SPLS MATCH COC Y <input type="checkbox"/> N <input type="checkbox"/> 3. CONTAINER INTACT Y <input type="checkbox"/> N <input type="checkbox"/> 6. PRESERVED Y <input type="checkbox"/> N <input type="checkbox"/>
--	---	--

Client: <b>GEOCON ENVIRONMENTAL - SAN DIEGO</b>	Address: 6970 Flanders Drive	TEL: ( 858 ) 558-6100
Attn: <i>Chris King</i>	City: San Diego State: CA Zip Code: 92121	FAX: ( 858 ) 558-8437

Project Name: <i>Rte 5-NB</i>	Project #: <i>9100-06-49</i>	Sampler: <i>CSK/GCA</i> (Printed Name)	(Signature) <i>[Signature]</i>
Relinquished by: <i>[Signature]</i> <i>GLA</i> (Signature and Printed Name)	Date: <i>7/12</i>	Time: _____	Received by: <i>[Signature]</i> (Signature and Printed Name)
Relinquished by: <i>[Signature]</i> (Signature and Printed Name)	Date: _____	Time: _____	Received by: <i>[Signature]</i> (Signature and Printed Name)
Relinquished by: <i>[Signature]</i> (Signature and Printed Name)	Date: _____	Time: _____	Received by: <i>[Signature]</i> (Signature and Printed Name)

I hereby authorize ATL to perform the work indicated below: Project Mgr /Submitter: <i>CSK</i> Print Name <i>[Signature]</i> Signature	Send Report To: Attn: _____ Co: <i>Client</i> Address: _____ City _____ State _____ Zip _____	Bill To: Attn: _____ Co: <i>Client</i> Address: _____ City _____ State _____ Zip _____	Special Instructions/Comments: <div style="font-size: 2em; text-align: center;">Attached</div>
---	---	--	---

Unless otherwise requested, all samples will be disposed 45 days after receipt.	Sample Archive/Disposal: <input type="checkbox"/> Laboratory Standard <input type="checkbox"/> Other _____ <input type="checkbox"/> Return To: _____ * \$10.00 FEE PER HAZARDOUS SAMPLE DISPOSAL.	Circle or Add Analysis(es) Requested 8081 / 8082 (Pesticides-PCB-GC) 8260 (Volatiles-GC/MS) 825 / 8270 (BNA-GC/MS) Metals Total (CAC-6010 / 7000) 8015M TPH/G/BTEX (COMBINATION) 8015M TPH/D (Diesel-GC) <i>Total / 8015M GPC</i>	CIRCLE APPROPRIATE MATRIX SOLID (SOL) SLUDGE OIL • SOLVENT • LIQUID WATER • WASTEWATER DRINKING WATER AIR WIPE • FILTER OTHER _____	PRESERVATION RTNE <input type="checkbox"/> RWOCB <input type="checkbox"/> WIP <input type="checkbox"/> NAVY <input type="checkbox"/> CT <input checked="" type="checkbox"/> OTHER _____
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I T E M	LAB USE ONLY:		Sample Description				CIRCLE APPROPRIATE MATRIX										PRESERVATION	REMARKS							
	Batch #:	Lab No.	Sample I.D.	Date	Time	8081 / 8082 (Pesticides-PCB-GC)	8260 (Volatiles-GC/MS)	825 / 8270 (BNA-GC/MS)	Metals Total (CAC-6010 / 7000)	8015M TPH/G/BTEX (COMBINATION)	8015M TPH/D (Diesel-GC)	SOLID (SOL) SLUDGE	OIL • SOLVENT • LIQUID	WATER • WASTEWATER	DRINKING WATER	AIR			WIPE • FILTER	OTHER	TAT	#	Type		
		<i>57900-201</i>	<i>N63-S</i>	<i>7/12</i>	<i>9:10</i>																				
		<i>2</i>	<i>N63-0.3</i>	<i>7/12</i>	<i>9:16</i>																				
		<i>3</i>	<i>N63-0.6</i>	<i>7/12</i>	<i>9:20</i>																				
		<i>4</i>	<i>N63-0.9</i>	<i>7/12</i>	<i>9:25</i>																				
		<i>5</i>	<i>N64-S</i>	<i>7/12</i>	<i>9:10</i>																				
		<i>6</i>	<i>N64-0.3</i>	<i>7/12</i>	<i>9:15</i>																				
		<i>7</i>	<i>N64-0.6</i>	<i>7/12</i>	<i>9:20</i>																				
		<i>8</i>	<i>N64-0.9</i>	<i>7/12</i>	<i>9:26</i>																				
		<i>9</i>	<i>N65-S</i>	<i>7/12</i>	<i>9:27</i>																				
		<i>10</i>	<i>N65-0.3</i>	<i>7/12</i>	<i>9:29</i>																				

• TAT starts 8 a.m. following day if samples received after 5 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 <sub>3</sub> S=H <sub>2</sub> SO <sub>4</sub> C=4°C Z=Zn(Ac) <sub>2</sub> O=NaOH T=Na <sub>2</sub> S <sub>2</sub> O <sub>8</sub>
Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal		

# CHAIN OF CUSTODY RECORD



**Advanced Technology  
Laboratories**

3275 Walnut Avenue  
Signal Hill, CA 90807  
(562) 989-4045 • FAX (562) 989-4040

## FOR LABORATORY USE ONLY:

P.O.#: _____  Logged By: _____ Date: _____ Time: _____	<b>Method of Transport</b> Walk-in <input type="checkbox"/> Courier <input type="checkbox"/> UPS <input type="checkbox"/> FED. EXP. <input type="checkbox"/> ATL <input type="checkbox"/>	<b>Sample Condition Upon Receipt</b> 1. CHILLED <input type="checkbox"/> N <input type="checkbox"/> 4. SEALED <input type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> 2. HEADSPACE (VOA) <input type="checkbox"/> N <input type="checkbox"/> 5. # OF SPLS MATCH COC <input type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> 3. CONTAINER INTACT <input type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> 6. PRESERVED <input type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/>
--	--	---

Client: <b>GEOCON ENVIRONMENTAL - SAN DIEGO</b>	Address: 6970 Flanders Drive	TEL: ( 858 ) 558-6100
Attn: <b>Chris King</b>	City: San Diego State: CA Zip Code: 92121	FAX: ( 858 ) 558-8437

Project Name: <b>Rte 5-NB</b>	Project #: <b>9100-06-49</b>	Sampler: <b>CSK/GCA</b> (Printed Name)	(Signature)
Relinquished by: (Signature and Printed Name) <b>[Signature]</b>	Date: <b>7/12</b>	Time: _____	Received by: (Signature and Printed Name) <b>[Signature]</b>
Relinquished by: (Signature and Printed Name)	Date: _____	Time: _____	Received by: (Signature and Printed Name)
Relinquished by: (Signature and Printed Name)	Date: _____	Time: _____	Received by: (Signature and Printed Name)

I hereby authorize ATL to perform the work indicated below: Project Mgr /Submitter: <b>CSK</b> <b>7/12</b> Print Name Date [Signature]	Send Report To: Attn: _____ Co: <b>Client</b> Address _____ City _____ State _____ Zip _____	Bill To: Attn: _____ Co: <b>Client</b> Address _____ City _____ State _____ Zip _____	Special Instructions/Comments: <div style="font-size: 2em; text-align: center;">Attached</div>
--	--	---	---

Unless otherwise requested, all samples will be disposed 45 days after receipt.	Sample Archive/Disposal: <input type="checkbox"/> Laboratory Standard <input type="checkbox"/> Other <input type="checkbox"/> Return To: _____ * \$10.00 FEE PER HAZARDOUS SAMPLE DISPOSAL.
---	---

Circle or Add Analysis(es) Requested 8091 / 8092 (Pesticides/PCB-GC) 8200 (Volatiles-GC/MS) 625 / 8270 (BVA-GC/MS) Metals Total (CAC-GC/MS) 8015M TPH/GIBTEX (COMBINATION) 8015M TPH/ID (Diesel-GC) <b>Total Lead 8016</b>	CIRCLE APPROPRIATE MATRIX SOLID • SOIL • SLUDGE OIL • SOLVENT • LIQUID WATER • WASTEWATER DRINKING WATER AIR WIPE • FILTER OTHER TAT # Type
---	---

ITEM	LAB USE ONLY:		Sample Description		
	Batch #:	Sample I.D.	Date	Time	
		N65-0.6	7/12	9:38	
		N65-0.9		9:44	
		N66-S		9:58	
		N66-0.3		9:45	
		N66-0.6		9:54	
		N67-S		9:46	
		N67-0.3		9:58	
		N67-0.6		10:04	
		N68-S		9:58	
		N68-0.3		10:00	

X	X
F	JG

• TAT starts 8 a.m. following day if samples received after 5 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 <sub>3</sub> S=H <sub>2</sub> SO <sub>4</sub> C=4°C Z=Zn(AC) <sub>2</sub> O=NaOH T=Na <sub>2</sub> S <sub>2</sub> O <sub>8</sub>
Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Teclar G=Glass P=Plastic M=Metal		

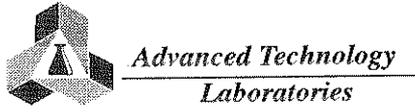








# CHAIN OF CUSTODY RECORD



3275 Walnut Avenue  
Signal Hill, CA 90807  
(562) 989-4045 • FAX (562) 989-4040

## FOR LABORATORY USE ONLY:

P.O.#: \_\_\_\_\_

Method of Transport: Walk-in  Courier  UPS  FED. EXP.  ATL

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 ENVIRONMENTAL - SAN DIEGO** Address: 6970 Flanders Drive TEL: ( 858 ) 558-6100  
Attn: **Chris King** City: San Diego State: CA Zip Code: 92121 FAX: ( 858 ) 558-8437

Project Name: **Rec 5-NB** Project #: **9100-06-49** Sampler: **CSK/GCA** (Signature)  
Relinquished by: (Signature and Printed Name) **GCA** Date: **2/12** Time: \_\_\_\_\_ Received by: (Signature and Printed Name) **[Signature]** Date: **2/12/12** Time: **4:00**  
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: **CSK** **2/12**  
Send Report To: Attn: \_\_\_\_\_ Co: **Client** Address: \_\_\_\_\_ City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_  
Bill To: Attn: \_\_\_\_\_ Co: **Client** Address: \_\_\_\_\_ City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_  
Special Instructions/Comments: **Attached**

Unless otherwise requested, all samples will be disposed 45 days after receipt.

Sample Archive/Disposal:  
 Laboratory Standard  
 Other \_\_\_\_\_  
 Return To: \_\_\_\_\_

\* \$10.00 FEE PER HAZARDOUS SAMPLE DISPOSAL.

Circle or Add Analysis(es) Requested: **Total Lead Sold**

CIRCLE APPROPRIATE MATRIX: SOLID SOILS, SLUDGE, OIL, SOLVENT, LIQUID, WATER, WASTEWATER, DRINKING WATER, AIR, WIPE, FILTER, OTHER

Container(s): TAT # Type

Q A / Q C: RTNE  RWQCB  WIP  NAVY  CT  OTHER

ITEM	LAB USE ONLY:		Sample Description		
	Batch #:	Lab No.	Sample I.D.	Date	Time
		01	N 81-0.3	2/12	12:20
		02	N 81-0.6		12:30
		03	N 81-0.9		12:37
		04	N 81-S		12:15
		05	N 81-0.3		12:20
		06	N 81-0.6		12:30
		07	N 81-0.9		12:36
		08	N 82-S		12:45
		09	N 82-0.3		12:40
		10	N 83-S		12:48

• TAT starts 8 a.m. following day if samples received after 5 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<sub>3</sub> S=H<sub>2</sub>SO<sub>4</sub> C=4°C Z=Zn(AC)<sub>2</sub> O=NaOH T=Na<sub>2</sub>S<sub>2</sub>O<sub>3</sub>

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

# CHAIN OF CUSTODY RECORD



**Advanced Technology  
Laboratories**

3275 Walnut Avenue  
Signal Hill, CA 90807  
(562) 989-4045 • FAX (562) 989-4040

## FOR LABORATORY USE ONLY:

P.O.#: _____	Method of Transport Walk-in <input type="checkbox"/> Courier <input type="checkbox"/> UPS <input type="checkbox"/> FED. EXP. <input type="checkbox"/> ATL <input type="checkbox"/>	Sample Condition Upon Receipt 1. CHILLED Y <input type="checkbox"/> N <input type="checkbox"/> 4. SEALED Y <input type="checkbox"/> N <input type="checkbox"/> 2. HEADSPACE (VOA) Y <input type="checkbox"/> N <input type="checkbox"/> 5. # OF SPLS MATCH COC Y <input type="checkbox"/> N <input type="checkbox"/> 3. CONTAINER INTACT Y <input type="checkbox"/> N <input type="checkbox"/> 6. PRESERVED Y <input type="checkbox"/> N <input type="checkbox"/>
Logged By: _____ Date: _____ Time: _____		

Client: <b>GEOCON ENVIRONMENTAL - SAN DIEGO</b>	Address: 6970 Flanders Drive	TEL: ( 858 ) 558-6100
Attn: <b>Chris King</b>	City: San Diego State: CA Zip Code: 92121	FAX: ( 858 ) 558-8437

Project Name: <b>Rte 5 - NB</b>	Project #: <b>9100-16-49</b>	Sampler: <b>CSK/CSK</b> (Printed Name) <b>[Signature]</b> (Signature)
Relinquished by: _____ Date: _____ Time: _____	Received by: _____ Date: _____ Time: _____	
Relinquished by: _____ Date: _____ Time: _____	Received by: _____ Date: _____ Time: _____	
Relinquished by: _____ Date: _____ Time: _____	Received by: _____ Date: _____ Time: _____	

I hereby authorize ATL to perform the work indicated below: Project Mgr /Submitter: <b>CSK</b> <u>7/12</u> Print Name Date	Send Report To: Attn: _____ Co: <b>Client</b> Address: _____ City _____ State _____ Zip _____	Bill To: Attn: _____ Co: <b>Client</b> Address: _____ City _____ State _____ Zip _____	Special Instructions/Comments: <b>Attached</b>
--	---	--	---

Unless otherwise requested, all samples will be disposed 45 days after receipt.	Sample Archive/Disposal: <input type="checkbox"/> Laboratory Standard <input type="checkbox"/> Other _____ <input type="checkbox"/> Return To: _____ * \$10.00 FEE PER HAZARDOUS SAMPLE DISPOSAL.	Circle or Add Analysis(es) Requested <b>Total lead 6018</b>
---	---	--

ITEM	LAB USE ONLY:		Sample Description				CIRCLE APPROPRIATE MATRIX										PRESERVATION	REMARKS									
	Batch #:	Lab No.	Sample I.D.	Date	Time	8081 / 8082 (Pesticides/PCB-GC)	8200 (Xenobiotics-GC/MS)	625 / 8270 (BNA-GC/MS)	Metals Total (CAC-8010 / 7000)	8015M TPH/GUTEX (COMBINATION)	8015M TPH/D (Diesel-GC)	SOLID SOIL	OIL • SOLVENT • LIQUID	WATER • WASTEWATER	DRINKING WATER	AIR			WIPE • FILTER	OTHER	TAT	#	Type				
		71	N83-0.3	7/12	12:52																						
		72	N83-0.6		12:55																						
		73	N83-0.9		1:00																						
		74	N84-S		1:03																						
		75	N84-0.3		1:10																						
		76	N84-0.6		1:20																						
		77	N85-S		1:00																						
		78	N85-0.3		1:09																						
		79	N85-0.6		1:21																						

• TAT starts 8 a.m. following day if samples received after 5 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 <sub>3</sub> S=H <sub>2</sub> SO <sub>4</sub> C=4°C Z=Zn(AC) <sub>2</sub> O=NaOH T=Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub>
Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal						

# CHAIN OF CUSTODY RECORD



**Advanced Technology  
Laboratories**

3275 Walnut Avenue  
Signal Hill, CA 90807  
(562) 989-4045 • FAX (562) 989-4040

**FOR LABORATORY USE ONLY:**

P.O.#: _____  Logged By: _____ Date: _____ Time: _____	Method of Transport Walk-in <input type="checkbox"/> Courier <input type="checkbox"/> UPS <input type="checkbox"/> FED. EXP. <input type="checkbox"/> ATL <input type="checkbox"/>	Sample Condition Upon Receipt 1. CHILLED <input type="checkbox"/> N <input type="checkbox"/> 4. SEALED <input type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> 2. HEADSPACE (VOA) <input type="checkbox"/> N <input type="checkbox"/> 5. # OF SPLS MATCH COC <input type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> 3. CONTAINER INTACT <input type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> 6. PRESERVED <input type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/>
--	---	--

Client: <b>GEOCON ENVIRONMENTAL - SAN DIEGO</b>	Address: 6970 Flanders Drive	TEL: ( 858 ) 558-6100
Attn: <u>Chris King</u>	City: San Diego State: CA Zip Code: 92121	FAX: ( 858 ) 558-8437

Project Name: <u>Ree 5-NB</u>	Project #: <u>9100-06-49</u>	Sampler: <u>WJGCA</u> (Signature)
Relinquished by: _____ Date: <u>7/12</u> Time: _____	Received by: _____ Date: _____ Time: _____	
Relinquished by: _____ Date: _____ Time: _____	Received by: _____ Date: _____ Time: _____	
Relinquished by: _____ Date: _____ Time: _____	Received by: _____ Date: _____ Time: _____	

I hereby authorize ATL to perform the work indicated below: Project Mgr /Submitter: <u>CSK</u> <u>7/12</u> Print Name Date Signature	Send Report To: Attn: _____ Co: <u>Client</u> Address _____ City _____ State _____ Zip _____	Bill To: Attn: _____ Co: <u>Client</u> Address _____ City _____ State _____ Zip _____	Special Instructions/Comments: <u>Attached</u>
---	--	---	---

Unless otherwise requested, all samples will be disposed 45 days after receipt.

Sample Archive/Disposal:  
 Laboratory Standard  
 Other \_\_\_\_\_  
 Return To: \_\_\_\_\_

\* \$10.00 FEE PER HAZARDOUS SAMPLE DISPOSAL.

Circle or Add Analysis(es) Requested 8081 / 8082 (Pesticides/PCB-GC) 8080 (Volatiles-GC/MS) 625 / 8270 (BVA-GC/MS) Metals Total (CAC-GC/MS) 8015M TPH/G/BTEX (COMBINATION) 8015M TPH/D (Diesel-GC) <u>Total Lead 6000</u>	CIRCLE APPROPRIATE MATRIX SOLID • SOIL • SLUDGE OIL • SOLVENT • LIQUID WATER DRINKING WATER AIR WIFE • FILTER OTHER	Container(s) TAT # Type <u>R 1 JIG</u>
--	--	--

ITEM	LAB USE ONLY:		Sample Description			
	Batch #:	Lab No.	Sample I.D.	Date	Time	
		<u>80</u>	<u>C21</u>	<u>7/12</u>	<u>9:40</u>	
		<u>81</u>	<u>C22</u>		<u>10:10</u>	
		<u>82</u>	<u>C23</u>		<u>10:40</u>	
		<u>83</u>	<u>C24</u>		<u>11:26</u>	
		<u>84</u>	<u>C25</u>		<u>11:50</u>	
		<u>85</u>	<u>C26</u>		<u>12:08</u>	
		<u>86</u>	<u>C27</u>		<u>12:51</u>	
		<u>87</u>	<u>C28</u>		<u>1:30</u>	

• TAT starts 8 a.m. following day if samples received after 5 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 <sub>3</sub> S=H <sub>2</sub> SO <sub>4</sub> C=4°C Z=Zn(AC) <sub>2</sub> O=NaOH T=Na <sub>2</sub> S <sub>2</sub> O <sub>8</sub>
Container Types: T=Tube V=VOA L=Liter P=Pin J=Jar B=Tedlar G=Glass P=Plastic M=Metal		

ATTACHMENT I  
Advanced Technology Laboratories  
Project Management Checklist

ATL Lab No.: 57900

Client's Name: Grecon

Date Reviewed: 7-30-02

	Yes	No*	N/A	Comments
<b>A Chain of Custody Items</b>				
1 Client ID's correct?	✓			
2 Date Sampled/Time correct?	✓			
3 Analyses requested correct?	✓			
4 Method Numbers correct?	✓			
5 Project Name correct?	✓			

<b>B Organic Data Review Sheet included?</b>			✓	
--	--	--	---	--

<b>C Inorganic Data Review Sheet included?</b>	✓			
--	---	--	--	--

<b>D Reporting</b>				
1 DLRs correct? (In-house or project specific requirements)	✓			
2 Analyzed/Prepped within holding times (if no, documented on cover letter)	✓			
3 Were spls analyzed using a different method (if yes, documented on cover letter)		✓		

<b>E Quality Control</b>				
1 Surrogates within project specific requirements?			✓	
2 MS/MSD within project specific requirements?		✓		For 6010 - non-homo or matrix interf.
3 LCS/LCSD within project specific requirements?	✓			
4 Sample Duplicates within project specific requirements?		✓		For 6010 - non-homo or matrix interf. + TCLP
5 Other project specified requirements: _____ _____ _____				

\* For those items checked as "NO" - comments must be included:

Comments:

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PM's Approval/Date: P. Malwan / 7-30-02

**Advanced Technology Laboratories**

Date: 7/19/2002

**LEAD BY ICP  
EPA 6010B**

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057900
<b>Project:</b>	Rte 5 - NB, 9100-06-49	<b>Date Received:</b>	7/12/2002
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	RQ

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057900-001A	N63-S	540	mg/Kg	9572	5	1	7/12/2002	7/17/2002
057900-002A	N63-0.3	530	mg/Kg	9572	5	1	7/12/2002	7/17/2002
057900-003A	N63-0.6	73	mg/Kg	9572	5	1	7/12/2002	7/17/2002
057900-004A	N63-0.9	190	mg/Kg	9572	5	1	7/12/2002	7/17/2002
057900-005A	N64-S	1300	mg/Kg	9572	5	1	7/12/2002	7/17/2002
057900-006A	N64-0.3	810	mg/Kg	9572	5	1	7/12/2002	7/17/2002
057900-007A	N64-0.6	280	mg/Kg	9572	5	1	7/12/2002	7/17/2002
057900-008A	N64-0.9	280	mg/Kg	9572	5	1	7/12/2002	7/17/2002
057900-009A	N65-S	1000	mg/Kg	9572	5	1	7/12/2002	7/17/2002
057900-010A	N65-0.3	680	mg/Kg	9572	5	1	7/12/2002	7/17/2002
057900-011A	N65-0.6	530	mg/Kg	9572	5	1	7/12/2002	7/17/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



# Advanced Technology Laboratories

Date: 7/19/2002

## LEAD BY ICP EPA 6010B

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057900
<b>Project:</b>	Rte 5 - NB, 9100-06-49	<b>Date Received:</b>	7/12/2002
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	RQ

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057900-012A	N65-0.9	14	mg/Kg	9572	5	1	7/12/2002	7/17/2002
057900-013A	N66-S	1200	mg/Kg	9572	5	1	7/12/2002	7/17/2002
057900-014A	N66-0.3	790	mg/Kg	9572	5	1	7/12/2002	7/17/2002
057900-015A	N66-0.6	620	mg/Kg	9572	5	1	7/12/2002	7/17/2002
057900-016A	N67-S	790	mg/Kg	9572	5	1	7/12/2002	7/17/2002
057900-017A	N67-0.3	1100	mg/Kg	9572	5	1	7/12/2002	7/17/2002
057900-018A	N67-0.6	580	mg/Kg	9572	5	1	7/12/2002	7/17/2002
057900-019A	N68-S	1600	mg/Kg	9572	5	1	7/12/2002	7/17/2002
057900-020A	N68-0.3	46	mg/Kg	9572	5	1	7/12/2002	7/17/2002
057900-021A	N68-0.6	1100	mg/Kg	9573	5	1	7/12/2002	7/17/2002
057900-022A	N68-0.9	28	mg/Kg	9573	5	1	7/12/2002	7/17/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified

Page 2 of 10



**Advanced Technology Laboratories**

Date: 7/19/2002

**LEAD BY ICP  
EPA 6010B**

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057900
<b>Project:</b>	Rte 5 - NB, 9100-06-49	<b>Date Received:</b>	7/12/2002
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	RQ

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057900-023A	N69-S	460	mg/Kg	9573	5	1	7/12/2002	7/17/2002
057900-024A	N69-0.3	1300	mg/Kg	9573	5	1	7/12/2002	7/17/2002
057900-025A	N69-0.6	89	mg/Kg	9573	5	1	7/12/2002	7/17/2002
057900-026A	N70-S	610	mg/Kg	9573	5	1	7/12/2002	7/17/2002
057900-027A	N70-0.3	78	mg/Kg	9573	5	1	7/12/2002	7/17/2002
057900-028A	N70-0.6	88	mg/Kg	9573	5	1	7/12/2002	7/17/2002
057900-029A	N71-S	64	mg/Kg	9573	5	1	7/12/2002	7/17/2002
057900-030A	N71-0.3	13	mg/Kg	9573	5	1	7/12/2002	7/17/2002
057900-031A	N71-0.6	7.8	mg/Kg	9573	5	1	7/12/2002	7/17/2002
057900-032A	N72-S	120	mg/Kg	9573	5	1	7/12/2002	7/17/2002
057900-033A	N72-0.3	290	mg/Kg	9573	5	1	7/12/2002	7/17/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



**Advanced Technology Laboratories**

Date: 7/19/2002

**LEAD BY ICP  
EPA 6010B**

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057900
<b>Project:</b>	Rte 5 - NB, 9100-06-49	<b>Date Received:</b>	7/12/2002
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	RQ

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057900-034A	N72-0.6	130	mg/Kg	9573	5	1	7/12/2002	7/17/2002
057900-035A	N73-S	670	mg/Kg	9573	5	1	7/12/2002	7/17/2002
057900-036A	N73-0.3	930	mg/Kg	9573	5	1	7/12/2002	7/17/2002
057900-037A	N73-0.6	1500	mg/Kg	9573	5	1	7/12/2002	7/17/2002
057900-038A	N74-S	170	mg/Kg	9573	5	1	7/12/2002	7/17/2002
057900-039A	N74-0.3	250	mg/Kg	9573	5	1	7/12/2002	7/17/2002
057900-040A	N74-0.6	320	mg/Kg	9573	5	1	7/12/2002	7/17/2002
057900-041A	N74-0.9	120	mg/Kg	9574	5	1	7/12/2002	7/17/2002
057900-042A	N75-S	930	mg/Kg	9574	5	1	7/12/2002	7/17/2002
057900-043A	N75-0.3	1200	mg/Kg	9574	5	1	7/12/2002	7/17/2002
057900-044A	N75-0.6	270	mg/Kg	9574	5	1	7/12/2002	7/17/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



**Advanced Technology Laboratories**

Date: 7/19/2002

**LEAD BY ICP  
EPA 6010B**

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057900
<b>Project:</b>	Rte 5 - NB, 9100-06-49	<b>Date Received:</b>	7/12/2002
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	RQ

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057900-045A	N76-S	1300	mg/Kg	9574	5	1	7/12/2002	7/17/2002
057900-046A	N76-0.3	1600	mg/Kg	9574	5	1	7/12/2002	7/17/2002
057900-047A	N76-0.6	180	mg/Kg	9574	5	1	7/12/2002	7/17/2002
057900-048A	N76-0.9	82	mg/Kg	9574	5	1	7/12/2002	7/17/2002
057900-049A	N77-S	1700	mg/Kg	9574	5	1	7/12/2002	7/17/2002
057900-050A	N77-0.3	670	mg/Kg	9574	5	1	7/12/2002	7/17/2002
057900-051A	N77-0.6	2200	mg/Kg	9574	5	1	7/12/2002	7/17/2002
057900-052A	N77-0.9	1100	mg/Kg	9574	5	1	7/12/2002	7/17/2002
057900-053A	N78-S	1900	mg/Kg	9574	5	1	7/12/2002	7/17/2002
057900-054A	N78-0.3	1200	mg/Kg	9574	5	1	7/12/2002	7/17/2002
057900-055A	N78-0.6	400	mg/Kg	9574	5	1	7/12/2002	7/17/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



**Advanced Technology Laboratories**

Date: 7/19/2002

**LEAD BY ICP  
EPA 6010B**

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057900
<b>Project:</b>	Rte 5 - NB, 9100-06-49	<b>Date Received:</b>	7/12/2002
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	RQ

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057900-056A	N79-S	1400	mg/Kg	9574	5	1	7/12/2002	7/17/2002
057900-057A	N79-0.3	26	mg/Kg	9574	5	1	7/12/2002	7/17/2002
057900-058A	N79-0.6	5.1	mg/Kg	9574	5	1	7/12/2002	7/17/2002
057900-059A	N79-0.9	39	mg/Kg	9574	5	1	7/12/2002	7/17/2002
057900-060A	N80-S	4000	mg/Kg	9574	15	3	7/12/2002	7/18/2002
057900-061A	N80-0.3	1800	mg/Kg	9575	5	1	7/12/2002	7/17/2002
057900-062A	N80-0.6	950	mg/Kg	9575	5	1	7/12/2002	7/17/2002
057900-063A	N80-0.9	970	mg/Kg	9575	5	1	7/12/2002	7/17/2002
057900-064A	N81-S	990	mg/Kg	9575	5	1	7/12/2002	7/17/2002
057900-065A	N81-0.3	1600	mg/Kg	9575	5	1	7/12/2002	7/17/2002
057900-066A	N81-0.6	360	mg/Kg	9575	5	1	7/12/2002	7/17/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



**Advanced Technology Laboratories**

Date: 7/19/2002

**LEAD BY ICP  
EPA 6010B**

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057900
<b>Project:</b>	Rte 5 - NB, 9100-06-49	<b>Date Received:</b>	7/12/2002
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	RQ

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057900-067A	N81-0.9	950	mg/Kg	9575	5	1	7/12/2002	7/17/2002
057900-068A	N82-S	2100	mg/Kg	9575	5	1	7/12/2002	7/17/2002
057900-069A	N82-0.3	2300	mg/Kg	9575	5	1	7/12/2002	7/17/2002
057900-070A	N83-S	500	mg/Kg	9575	5	1	7/12/2002	7/17/2002
057900-071A	N83-0.3	730	mg/Kg	9575	5	1	7/12/2002	7/17/2002
057900-072A	N83-0.6	20	mg/Kg	9575	5	1	7/12/2002	7/17/2002
057900-073A	N83-0.9	200	mg/Kg	9575	5	1	7/12/2002	7/17/2002
057900-074A	N84-S	2400	mg/Kg	9575	5	1	7/12/2002	7/17/2002
057900-075A	N84-0.3	720	mg/Kg	9575	5	1	7/12/2002	7/18/2002
057900-076A	N84-0.6	810	mg/Kg	9575	5	1	7/12/2002	7/18/2002
057900-077A	N85-S	1100	mg/Kg	9575	5	1	7/12/2002	7/18/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified

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**Advanced Technology Laboratories**

Date: 7/19/2002

**LEAD BY ICP  
EPA 6010B**

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<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057900
<b>Project:</b>	Rte 5 - NB, 9100-06-49	<b>Date Received:</b>	7/12/2002
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	RQ

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Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057900-078A	N85-0.3	280	mg/Kg	9575	5	1	7/12/2002	7/18/2002
057900-079A	N85-0.6	800	mg/Kg	9575	5	1	7/12/2002	7/18/2002

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<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified

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**Advanced Technology Laboratories**

Date: 7/19/2002

**ICP METALS  
EPA 6010B**

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057900
<b>Project:</b>	Rte 5 - NB, 9100-06-49	<b>Date Received:</b>	7/12/2002
<b>Project No:</b>		<b>Matrix:</b>	Water
<b>PO No:</b>		<b>Analyst:</b>	RQ

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057900-080A	C21	0.0056	mg/L	9584	0.005	1	7/12/2002	7/16/2002
057900-081A	C22	ND	mg/L	9584	0.005	1	7/12/2002	7/16/2002
057900-082A	C23	ND	mg/L	9584	0.005	1	7/12/2002	7/16/2002
057900-083A	C24	ND	mg/L	9584	0.005	1	7/12/2002	7/16/2002
057900-084A	C25	0.0089	mg/L	9584	0.005	1	7/12/2002	7/16/2002
057900-085A	C26	ND	mg/L	9584	0.005	1	7/12/2002	7/16/2002
057900-086A	C27	ND	mg/L	9584	0.005	1	7/12/2002	7/16/2002
057900-087A	C28	ND	mg/L	9584	0.005	1	7/12/2002	7/16/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



**Advanced Technology Laboratories**

Date: 7/19/2002

**pH  
EPA 9045C**

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057900
<b>Project:</b>	Rte 5 - NB, 9100-06-49	<b>Date Received:</b>	7/12/2002
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	JT

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057900-007A	N64-0.6	8.57	pH Units	R19527	0.1	1	7/12/2002	7/18/2002
057900-017A	N67-0.3	8.61	pH Units	R19527	0.1	1	7/12/2002	7/18/2002
057900-027A	N70-0.3	8.85	pH Units	R19527	0.1	1	7/12/2002	7/18/2002
057900-037A	N73-0.6	8.27	pH Units	R19527	0.1	1	7/12/2002	7/18/2002
057900-047A	N76-0.6	8.59	pH Units	R19527	0.1	1	7/12/2002	7/18/2002
057900-057A	N79-0.3	8.48	pH Units	R19527	0.1	1	7/12/2002	7/18/2002
057900-067A	N81-0.9	8.03	pH Units	R19527	0.1	1	7/12/2002	7/18/2002
057900-077A	N85-S	6.90	pH Units	R19527	0.1	1	7/12/2002	7/18/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



**LEAD BY ATOMIC ABSORPTION  
WET/ EPA 7420**

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057900
<b>Project:</b>	Rte 5 - NB, 9100-06-49	<b>Date Received:</b>	7/12/2002
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	JT

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057900-001A	N63-S	52	mg/L	9733	2	10	7/12/2002	7/25/2002
057900-002A	N63-0.3	34	mg/L	9733	0.8	4	7/12/2002	7/25/2002
057900-003A	N63-0.6	4.2	mg/L	9733	0.2	1	7/12/2002	7/25/2002
057900-004A	N63-0.9	13	mg/L	9733	0.4	2	7/12/2002	7/25/2002
057900-006A	N64-0.3	66	mg/L	9733	2	10	7/12/2002	7/25/2002
057900-007A	N64-0.6	15	mg/L	9733	0.4	2	7/12/2002	7/25/2002
057900-008A	N64-0.9	30	mg/L	9733	0.8	4	7/12/2002	7/25/2002
057900-010A	N65-0.3	58	mg/L	9733	2	10	7/12/2002	7/25/2002
057900-011A	N65-0.6	36	mg/L	9733	0.8	4	7/12/2002	7/25/2002
057900-014A	N66-0.3	69	mg/L	9733	2	10	7/12/2002	7/25/2002
057900-015A	N66-0.6	53	mg/L	9733	2	10	7/12/2002	7/25/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



LEAD BY ATOMIC ABSORPTION  
WET/ EPA 7420

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057900
<b>Project:</b>	Rte 5 - NB, 9100-06-49	<b>Date Received:</b>	7/12/2002
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	JT

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057900-016A	N67-S	85	mg/L	9733	2	10	7/12/2002	7/25/2002
057900-018A	N67-0.6	36	mg/L	9733	0.8	4	7/12/2002	7/25/2002
057900-023A	N69-S	87	mg/L	9733	2	10	7/12/2002	7/25/2002
057900-025A	N69-0.6	4.0	mg/L	9733	0.2	1	7/12/2002	7/25/2002
057900-026A	N70-S	84	mg/L	9733	2	10	7/12/2002	7/25/2002
057900-027A	N70-0.3	0.49	mg/L	9733	0.2	1	7/12/2002	7/25/2002
057900-028A	N70-0.6	3.3	mg/L	9733	0.2	1	7/12/2002	7/25/2002
057900-029A	N71-S	6.0	mg/L	9733	0.2	1	7/12/2002	7/25/2002
057900-032A	N72-S	9.0	mg/L	9733	0.2	1	7/12/2002	7/25/2002
057900-033A	N72-0.3	22	mg/L	9734	0.8	4	7/12/2002	7/25/2002
057900-034A	N72-0.6	8.1	mg/L	9734	0.2	1	7/12/2002	7/25/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



**LEAD BY ATOMIC ABSORPTION  
WET/ EPA 7420**

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057900
<b>Project:</b>	Rte 5 - NB, 9100-06-49	<b>Date Received:</b>	7/12/2002
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	JT

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057900-035A	N73-S	61	mg/L	9734	2	10	7/12/2002	7/25/2002
057900-036A	N73-0.3	88	mg/L	9734	2	10	7/12/2002	7/25/2002
057900-038A	N74-S	22	mg/L	9734	0.8	4	7/12/2002	7/25/2002
057900-039A	N74-0.3	26	mg/L	9734	0.8	4	7/12/2002	7/25/2002
057900-040A	N74-0.6	16	mg/L	9734	0.4	2	7/12/2002	7/25/2002
057900-041A	N74-0.9	9.1	mg/L	9734	0.2	1	7/12/2002	7/25/2002
057900-042A	N75-S	130	mg/L	9734	4	20	7/12/2002	7/25/2002
057900-044A	N75-0.6	18	mg/L	9734	0.4	2	7/12/2002	7/25/2002
057900-047A	N76-0.6	24	mg/L	9734	0.8	4	7/12/2002	7/25/2002
057900-048A	N76-0.9	4.4	mg/L	9734	0.2	1	7/12/2002	7/25/2002
057900-050A	N77-0.3	58	mg/L	9734	2	10	7/12/2002	7/25/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



LEAD BY ATOMIC ABSORPTION  
WET/ EPA 7420

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057900
<b>Project:</b>	Rte 5 - NB, 9100-06-49	<b>Date Received:</b>	7/12/2002
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	JT

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057900-055A	N78-0.6	32	mg/L	9734	0.8	4	7/12/2002	7/25/2002
057900-062A	N80-0.6	64	mg/L	9734	2	10	7/12/2002	7/25/2002
057900-063A	N80-0.9	71	mg/L	9734	2	10	7/12/2002	7/25/2002
057900-064A	N81-S	140	mg/L	9734	4	20	7/12/2002	7/25/2002
057900-066A	N81-0.6	43	mg/L	9734	2	10	7/12/2002	7/25/2002
057900-067A	N81-0.9	26	mg/L	9734	0.8	4	7/12/2002	7/25/2002
057900-070A	N83-S	33	mg/L	9734	0.8	4	7/12/2002	7/25/2002
057900-071A	N83-0.3	44	mg/L	9748	2	10	7/12/2002	7/25/2002
057900-073A	N83-0.9	7.2	mg/L	9748	0.2	1	7/12/2002	7/25/2002
057900-075A	N84-0.3	71	mg/L	9748	2	10	7/12/2002	7/25/2002
057900-076A	N84-0.6	55	mg/L	9748	2	10	7/12/2002	7/25/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



**LEAD BY ATOMIC ABSORPTION  
WET/ EPA 7420**

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057900
<b>Project:</b>	Rte 5 - NB, 9100-06-49	<b>Date Received:</b>	7/12/2002
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	JT

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057900-078A	N85-0.3	16	mg/L	9748	0.4	2	7/12/2002	7/25/2002
057900-079A	N85-0.6	60	mg/L	9748	2	10	7/12/2002	7/25/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



**LEAD BY ATOMIC ABSORPTION  
EPA 1311/ 7420**

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057900
<b>Project:</b>	Rte 5 - NB, 9100-06-49	<b>Date Received:</b>	7/12/2002
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	JT

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057900-005A	N64-S	17	mg/L	9824	0.4	2	7/12/2002	7/25/2002
057900-009A	N65-S	17	mg/L	9824	0.4	2	7/12/2002	7/25/2002
057900-013A	N66-S	23	mg/L	9824	0.8	4	7/12/2002	7/25/2002
057900-017A	N67-0.3	30	mg/L	9824	0.8	4	7/12/2002	7/25/2002
057900-019A	N68-S	31	mg/L	9824	0.8	4	7/12/2002	7/25/2002
057900-021A	N68-0.6	2.6	mg/L	9854	0.2	1	7/12/2002	7/26/2002
057900-024A	N69-0.3	32	mg/L	9824	0.8	4	7/12/2002	7/25/2002
057900-037A	N73-0.6	23	mg/L	9824	0.8	4	7/12/2002	7/25/2002
057900-043A	N75-0.3	18	mg/L	9824	0.4	2	7/12/2002	7/25/2002
057900-045A	N76-S	38	mg/L	9824	1	5	7/12/2002	7/25/2002
057900-046A	N76-0.3	28	mg/L	9825	0.8	4	7/12/2002	7/25/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



LEAD BY ATOMIC ABSORPTION  
EPA 1311/ 7420

CLIENT:	Geocon Environmental	Lab Order:	057900
Project:	Rte 5 - NB, 9100-06-49	Date Received:	7/12/2002
Project No:		Matrix:	Soil
PO No:		Analyst:	JT

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057900-049A	N77-S	26	mg/L	9825	0.8	4	7/12/2002	7/25/2002
057900-051A	N77-0.6	150	mg/L	9825	4	20	7/12/2002	7/25/2002
057900-052A	N77-0.9	37	mg/L	9825	0.8	4	7/12/2002	7/25/2002
057900-053A	N78-S	33	mg/L	9825	0.8	4	7/12/2002	7/25/2002
057900-054A	N78-0.3	29	mg/L	9825	0.8	4	7/12/2002	7/25/2002
057900-056A	N79-S	12	mg/L	9825	0.4	2	7/12/2002	7/25/2002
057900-060A	N80-S	36	mg/L	9825	0.8	4	7/12/2002	7/25/2002
057900-061A	N80-0.3	31	mg/L	9825	0.8	4	7/12/2002	7/25/2002
057900-065A	N81-0.3	33	mg/L	9825	0.8	4	7/12/2002	7/25/2002
057900-068A	N82-S	23	mg/L	9826	0.8	4	7/12/2002	7/25/2002
057900-069A	N82-0.3	25	mg/L	9826	0.8	4	7/12/2002	7/25/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



LEAD BY ATOMIC ABSORPTION  
EPA 1311/ 7420

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057900
<b>Project:</b>	Rte 5 - NB, 9100-06-49	<b>Date Received:</b>	7/12/2002
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	JT

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057900-074A	N84-S	ND	mg/L	9854	0.2	1	7/12/2002	7/26/2002
057900-077A	N85-S	ND	mg/L	9854	0.2	1	7/12/2002	7/26/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



**LEAD BY ATOMIC ABSORPTION  
WET DI/ EPA 7420**

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057900
<b>Project:</b>	Rte 5 - NB, 9100-06-49	<b>Date Received:</b>	7/12/2002
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	JT

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057900-001A	N63-S	0.56	mg/L	9772	0.2	1	7/12/2002	7/28/2002
057900-002A	N63-0.3	0.96	mg/L	9772	0.2	1	7/12/2002	7/28/2002
057900-004A	N63-0.9	0.26	mg/L	9772	0.2	1	7/12/2002	7/28/2002
057900-006A	N64-0.3	1.9	mg/L	9772	0.2	1	7/12/2002	7/28/2002
057900-007A	N64-0.6	0.34	mg/L	9772	0.2	1	7/12/2002	7/28/2002
057900-008A	N64-0.9	0.74	mg/L	9772	0.2	1	7/12/2002	7/28/2002
057900-010A	N65-0.3	1.5	mg/L	9772	0.2	1	7/12/2002	7/28/2002
057900-011A	N65-0.6	1.3	mg/L	9772	0.2	1	7/12/2002	7/28/2002
057900-014A	N66-0.3	3.8	mg/L	9772	0.2	1	7/12/2002	7/28/2002
057900-015A	N66-0.6	3.4	mg/L	9772	0.2	1	7/12/2002	7/28/2002
057900-016A	N67-S	2.4	mg/L	9772	0.2	1	7/12/2002	7/28/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



**LEAD BY ATOMIC ABSORPTION  
WET DI/ EPA 7420**

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057900
<b>Project:</b>	Rte 5 - NB, 9100-06-49	<b>Date Received:</b>	7/12/2002
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	JT

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057900-018A	N67-0.6	2.6	mg/L	9772	0.2	1	7/12/2002	7/28/2002
057900-023A	N69-S	4.0	mg/L	9772	0.2	1	7/12/2002	7/28/2002
057900-026A	N70-S	0.69	mg/L	9772	0.2	1	7/12/2002	7/28/2002
057900-029A	N71-S	ND	mg/L	9772	0.2	1	7/12/2002	7/28/2002
057900-032A	N72-S	ND	mg/L	9772	0.2	1	7/12/2002	7/28/2002
057900-033A	N72-0.3	ND	mg/L	9773	0.2	1	7/12/2002	7/28/2002
057900-034A	N72-0.6	ND	mg/L	9773	0.2	1	7/12/2002	7/28/2002
057900-035A	N73-S	0.82	mg/L	9773	0.2	1	7/12/2002	7/28/2002
057900-036A	N73-0.3	2.2	mg/L	9773	0.2	1	7/12/2002	7/28/2002
057900-038A	N74-S	1.2	mg/L	9773	0.2	1	7/12/2002	7/28/2002
057900-039A	N74-0.3	0.86	mg/L	9773	0.2	1	7/12/2002	7/28/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



**LEAD BY ATOMIC ABSORPTION  
WET DI/ EPA 7420**

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057900
<b>Project:</b>	Rte 5 - NB, 9100-06-49	<b>Date Received:</b>	7/12/2002
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	JT

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057900-040A	N74-0.6	0.68	mg/L	9773	0.2	1	7/12/2002	7/28/2002
057900-041A	N74-0.9	ND	mg/L	9773	0.2	1	7/12/2002	7/28/2002
057900-042A	N75-S	0.92	mg/L	9773	0.2	1	7/12/2002	7/28/2002
057900-044A	N75-0.6	0.63	mg/L	9773	0.2	1	7/12/2002	7/28/2002
057900-047A	N76-0.6	1.5	mg/L	9773	0.2	1	7/12/2002	7/28/2002
057900-050A	N77-0.3	2.8	mg/L	9773	0.2	1	7/12/2002	7/28/2002
057900-055A	N78-0.6	0.52	mg/L	9773	0.2	1	7/12/2002	7/28/2002
057900-062A	N80-0.6	1.5	mg/L	9773	0.2	1	7/12/2002	7/28/2002
057900-063A	N80-0.9	1.7	mg/L	9773	0.2	1	7/12/2002	7/28/2002
057900-064A	N81-S	1.1	mg/L	9773	0.2	1	7/12/2002	7/28/2002
057900-066A	N81-0.6	2.3	mg/L	9773	0.2	1	7/12/2002	7/28/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



**LEAD BY ATOMIC ABSORPTION  
WET DI/ EPA 7420**

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057900
<b>Project:</b>	Rte 5 - NB, 9100-06-49	<b>Date Received:</b>	7/12/2002
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	JT

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057900-067A	N81-0.9	2.3	mg/L	9773	0.2	1	7/12/2002	7/28/2002
057900-070A	N83-S	0.43	mg/L	9773	0.2	1	7/12/2002	7/28/2002
057900-071A	N83-0.3	1.1	mg/L	9774	0.2	1	7/12/2002	7/28/2002
057900-073A	N83-0.9	ND	mg/L	9774	0.2	1	7/12/2002	7/28/2002
057900-075A	N84-0.3	1.0	mg/L	9774	0.2	1	7/12/2002	7/28/2002
057900-076A	N84-0.6	0.65	mg/L	9774	0.2	1	7/12/2002	7/28/2002
057900-078A	N85-0.3	0.85	mg/L	9774	0.2	1	7/12/2002	7/28/2002
057900-079A	N85-0.6	2.8	mg/L	9774	0.2	1	7/12/2002	7/28/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



# Advanced Technology Laboratories

Date: 30-Jul-02

**CLIENT:** Geocon Environmental  
**Lab Order:** 057900  
**Project:** Rte 5 - NB, 9100-06-49  
**Lab ID:** 057900-051A

**Client Sample ID:** N77-0.6  
**Collection Date:** 7/12/2002  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS</b>						
	<b>(EPA 3050A)</b>		<b>EPA 6010B</b>			
RunID: ICP2_020729D	QC Batch: 9917					Analyst: RQ
Antimony	2.0	0.25		mg/Kg	1	7/29/2002
Arsenic	10	0.25		mg/Kg	1	7/29/2002
Barium	120	0.15		mg/Kg	1	7/29/2002
Beryllium	ND	0.15		mg/Kg	1	7/29/2002
Cadmium	ND	0.15		mg/Kg	1	7/29/2002
Chromium	18	0.15		mg/Kg	1	7/29/2002
Cobalt	7.0	0.15		mg/Kg	1	7/29/2002
Copper	36	0.15		mg/Kg	1	7/29/2002
Lead	1900	0.25		mg/Kg	1	7/29/2002
Molybdenum	3.0	0.25		mg/Kg	1	7/29/2002
Nickel	14	0.15		mg/Kg	1	7/29/2002
Selenium	ND	0.25		mg/Kg	1	7/29/2002
Silver	ND	0.15		mg/Kg	1	7/29/2002
Thallium	1.0	0.25		mg/Kg	1	7/29/2002
Vanadium	26	0.15		mg/Kg	1	7/29/2002
Zinc	290	0.50		mg/Kg	1	7/29/2002

## MERCURY BY COLD VAPOR TECHNIQUE

	<b>(EPA 7471)</b>		<b>EPA 7471A</b>			
RunID: AA1_020729B	QC Batch: 9920					Analyst: NS
Mercury	ND	0.10		mg/Kg	1	7/29/2002

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike/Surrogate outside of limits due to matrix interfere  
 J - Analyte detected below quantitation limits      H - Sample exceeded analytical holding time  
 B - Analyte detected in the associated Method Blank      E - Value above quantitation range  
 DO - Surrogate Diluted Out      Results are wet unless otherwise specified



# Advanced Technology Laboratories

Date: 30-Jul-02

CLIENT: Geocon Environmental  
 Lab Order: 057900  
 Project: Rte 5 - NB, 9100-06-49  
 Lab ID: 057900-060A

Client Sample ID: N80-S  
 Collection Date: 7/12/2002  
 Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
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## ICP METALS

(EPA 3050A)

EPA 6010B

RunID: ICP2_020729D	QC Batch: 9917	Analyst: RQ				
Antimony	2.5	0.25		mg/Kg	1	7/29/2002
Arsenic	12	0.25		mg/Kg	1	7/29/2002
Barium	210	0.15		mg/Kg	1	7/29/2002
Beryllium	ND	0.15		mg/Kg	1	7/29/2002
Cadmium	8.5	0.15		mg/Kg	1	7/29/2002
Chromium	32	0.15		mg/Kg	1	7/29/2002
Cobalt	7.0	0.15		mg/Kg	1	7/29/2002
Copper	80	0.15		mg/Kg	1	7/29/2002
Lead	4400	2.5		mg/Kg	10	7/29/2002
Molybdenum	4.0	0.25		mg/Kg	1	7/29/2002
Nickel	22	0.15		mg/Kg	1	7/29/2002
Selenium	ND	0.25		mg/Kg	1	7/29/2002
Silver	140	0.15		mg/Kg	1	7/29/2002
Thallium	1.0	0.25		mg/Kg	1	7/29/2002
Vanadium	26	0.15		mg/Kg	1	7/29/2002
Zinc	490	0.50		mg/Kg	1	7/29/2002

## MERCURY BY COLD VAPOR TECHNIQUE

(EPA 7471)

EPA 7471A

RunID: AA1_020729B	QC Batch: 9920	Analyst: NS				
Mercury	0.17	0.10		mg/Kg	1	7/29/2002

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike/Surrogate outside of limits due to matrix interfere  
 J - Analyte detected below quantitation limits      H - Sample exceeded analytical holding time  
 B - Analyte detected in the associated Method Blank      E - Value above quantitation range  
 DO - Surrogate Diluted Out      Results are wet unless otherwise specified



# Advanced Technology Laboratories

Date: 30-Jul-02

**CLIENT:** Geocon Environmental  
**Lab Order:** 057900  
**Project:** Rte 5 - NB, 9100-06-49  
**Lab ID:** 057900-068A

**Client Sample ID:** N82-S  
**Collection Date:** 7/12/2002  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
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## ICP METALS

(EPA 3050A)

EPA 6010B

RunID:	ICP2_020729D	QC Batch:	9917	Analyst: RQ		
Antimony	3.0	0.25	mg/Kg	1	7/29/2002	
Arsenic	11	0.25	mg/Kg	1	7/29/2002	
Barium	240	0.15	mg/Kg	1	7/29/2002	
Beryllium	ND	0.15	mg/Kg	1	7/29/2002	
Cadmium	ND	0.15	mg/Kg	1	7/29/2002	
Chromium	39	0.15	mg/Kg	1	7/29/2002	
Cobalt	6.5	0.15	mg/Kg	1	7/29/2002	
Copper	100	0.15	mg/Kg	1	7/29/2002	
Lead	2300	0.25	mg/Kg	1	7/29/2002	
Molybdenum	5.5	0.25	mg/Kg	1	7/29/2002	
Nickel	32	0.15	mg/Kg	1	7/29/2002	
Selenium	ND	0.25	mg/Kg	1	7/29/2002	
Silver	0.29	0.15	mg/Kg	1	7/29/2002	
Thallium	0.50	0.25	mg/Kg	1	7/29/2002	
Vanadium	30	0.15	mg/Kg	1	7/29/2002	
Zinc	530	0.50	mg/Kg	1	7/29/2002	

## MERCURY BY COLD VAPOR TECHNIQUE

(EPA 7471)

EPA 7471A

RunID:	AA1_020729B	QC Batch:	9920	Analyst: NS		
Mercury	0.21	0.10	mg/Kg	1	7/29/2002	

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified

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# Advanced Technology Laboratories

Date: 30-Jul-02

**CLIENT:** Geocon Environmental  
**Lab Order:** 057900  
**Project:** Rte 5 - NB, 9100-06-49  
**Lab ID:** 057900-069A

**Client Sample ID:** N82-0.3  
**Collection Date:** 7/12/2002  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
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## ICP METALS

(EPA 3050A)

EPA 6010B

RunID:	ICP2_020729D	QC Batch:	9917	Analyst: RQ		
Antimony	2.5	0.25	mg/Kg	1	7/29/2002	
Arsenic	12	0.25	mg/Kg	1	7/29/2002	
Barium	160	0.15	mg/Kg	1	7/29/2002	
Beryllium	ND	0.15	mg/Kg	1	7/29/2002	
Cadmium	ND	0.15	mg/Kg	1	7/29/2002	
Chromium	24	0.15	mg/Kg	1	7/29/2002	
Cobalt	6.5	0.15	mg/Kg	1	7/29/2002	
Copper	68	0.15	mg/Kg	1	7/29/2002	
Lead	2400	0.25	mg/Kg	1	7/29/2002	
Molybdenum	3.0	0.25	mg/Kg	1	7/29/2002	
Nickel	22	0.15	mg/Kg	1	7/29/2002	
Selenium	ND	0.25	mg/Kg	1	7/29/2002	
Silver	0.28	0.15	mg/Kg	1	7/29/2002	
Thallium	1.0	0.25	mg/Kg	1	7/29/2002	
Vanadium	28	0.15	mg/Kg	1	7/29/2002	
Zinc	360	0.50	mg/Kg	1	7/29/2002	

## MERCURY BY COLD VAPOR TECHNIQUE

(EPA 7471)

EPA 7471A

RunID:	AA1_020729B	QC Batch:	9920	Analyst: NS		
Mercury	0.11	0.10	mg/Kg	1	7/29/2002	

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike/Surrogate outside of limits due to matrix interfere  
 J - Analyte detected below quantitation limits      H - Sample exceeded analytical holding time  
 B - Analyte detected in the associated Method Blank      E - Value above quantitation range  
 DO - Surrogate Diluted Out      Results are wet unless otherwise specified

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# Advanced Technology Laboratories

Date: 30-Jul-02

**CLIENT:** Geocon Environmental  
**Lab Order:** 057900  
**Project:** Rte 5 - NB, 9100-06-49  
**Lab ID:** 057900-074A

**Client Sample ID:** N84-S  
**Collection Date:** 7/12/2002  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
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## ICP METALS

(EPA 3050A)

EPA 6010B

RunID:	ICP2_020729D	QC Batch:	9917				Analyst: RQ
Antimony	2.0	0.25	mg/Kg	1	7/29/2002		
Arsenic	9.5	0.25	mg/Kg	1	7/29/2002		
Barium	170	0.15	mg/Kg	1	7/29/2002		
Beryllium	ND	0.15	mg/Kg	1	7/29/2002		
Cadmium	ND	0.15	mg/Kg	1	7/29/2002		
Chromium	26	0.15	mg/Kg	1	7/29/2002		
Cobalt	6.5	0.15	mg/Kg	1	7/29/2002		
Copper	58	0.15	mg/Kg	1	7/29/2002		
Lead	2300	0.25	mg/Kg	1	7/29/2002		
Molybdenum	2.5	0.25	mg/Kg	1	7/29/2002		
Nickel	18	0.15	mg/Kg	1	7/29/2002		
Selenium	ND	0.25	mg/Kg	1	7/29/2002		
Silver	ND	0.15	mg/Kg	1	7/29/2002		
Thallium	0.50	0.25	mg/Kg	1	7/29/2002		
Vanadium	28	0.15	mg/Kg	1	7/29/2002		
Zinc	420	0.50	mg/Kg	1	7/29/2002		

## MERCURY BY COLD VAPOR TECHNIQUE

(EPA 7471)

EPA 7471A

RunID:	AA1_020729B	QC Batch:	9920				Analyst: NS
Mercury	0.22	0.10	mg/Kg	1	7/29/2002		

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike/Surrogate outside of limits due to matrix interfere  
 J - Analyte detected below quantitation limits      H - Sample exceeded analytical holding time  
 B - Analyte detected in the associated Method Blank      E - Value above quantitation range  
 DO - Surrogate Diluted Out      Results are wet unless otherwise specified

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Advanced Technology Laboratories

Date: 19-Jul-02

CLIENT: Geocon Environmental
Work Order: 057900
Project: Rte 5 - NB, 9100-06-49

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010\_SPB

Table with 12 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, (EPA 3050M), Analysis Date, SeqNo, Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual. Row 1: MB-9572A, MBLK, 6010\_SPB, mg/Kg, 7/17/2002, ICP5\_020717A, ZZZZZ, 9572, EPA 6010B, (EPA 3050M), 7/17/2002, 300794, Lead, ND, 5.0

Table with 12 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, (EPA 3050M), Analysis Date, SeqNo, Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual. Row 1: MB-9572B, MBLK, 6010\_SPB, mg/Kg, 7/17/2002, ICP5\_020717A, ZZZZZ, 9572, EPA 6010B, (EPA 3050M), 7/17/2002, 300795, Lead, ND, 5.0

Table with 12 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, (EPA 3050M), Analysis Date, SeqNo, Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual. Row 1: MB-9573A, MBLK, 6010\_SPB, mg/Kg, 7/17/2002, ICP5\_020717B, ZZZZZ, 9573, EPA 6010B, (EPA 3050M), 7/17/2002, 300822, Lead, ND, 5.0

Table with 12 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, (EPA 3050M), Analysis Date, SeqNo, Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual. Row 1: MB-9573B, MBLK, 6010\_SPB, mg/Kg, 7/17/2002, ICP5\_020717B, ZZZZZ, 9573, EPA 6010B, (EPA 3050M), 7/17/2002, 300823, Lead, ND, 5.0

Table with 12 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, (EPA 3050M), Analysis Date, SeqNo, Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual. Row 1: MB-9574A, MBLK, 6010\_SPB, mg/Kg, 7/17/2002, ICP5\_020717C, ZZZZZ, 9574, EPA 6010B, (EPA 3050M), 7/17/2002, 300850, Lead, ND, 5.0

Qualifiers: ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits DO- Surrogate dilute out
I - Analyte detected below quantitation limits B - Analyte detected in the associated Method Blank H - Sample exceeded holding time
R - RPD outside accepted recovery limits Calculations are based on raw values



CLIENT: Geocon Environmental  
Work Order: 057900  
Project: Rte 5 - NB, 9100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 6010\_SPB

Sample ID	MB-9574B	SampType:	MBLK	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/17/2002	Run ID:	ICP5_020717C			
Client ID:	ZZZZZ	Batch ID:	9574	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/17/2002	SeqNo:	300851			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead ND 5.0

Sample ID	MB-9575A	SampType:	MBLK	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/17/2002	Run ID:	ICP5_020717D			
Client ID:	ZZZZZ	Batch ID:	9575	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/17/2002	SeqNo:	300869			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead ND 5.0

Sample ID	MB-9575B	SampType:	MBLK	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/17/2002	Run ID:	ICP5_020717D			
Client ID:	ZZZZZ	Batch ID:	9575	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/17/2002	SeqNo:	300870			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead ND 5.0

Sample ID	MB-9574B	SampType:	MBLK	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/17/2002	Run ID:	ICP5_020718F			
Client ID:	ZZZZZ	Batch ID:	9574	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/18/2002	SeqNo:	301155			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead ND 5.0

Sample ID	LCS-9572	SampType:	LCS	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/17/2002	Run ID:	ICP5_020717A			
Client ID:	ZZZZZ	Batch ID:	9572	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/17/2002	SeqNo:	300793			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 214.9 5.0 250 0 86 80 120 0 0

Qualifiers: ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



CLIENT: Geocon Environmental  
Work Order: 057900  
Project: Rte 5 - NB, 9100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 6010\_SPB

Sample ID	LCS-9573	SampType:	LCS	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/17/2002	Run ID:	ICP5_020717B			
Client ID:	ZZZZZ	Batch ID:	9573	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/17/2002	SeqNo:	300821			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 218.3 5.0 250 0 87.3 80 120 0 0

Sample ID	LCS-9574	SampType:	LCS	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/17/2002	Run ID:	ICP5_020717C			
Client ID:	ZZZZZ	Batch ID:	9574	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/17/2002	SeqNo:	300849			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 220.1 5.0 250 0 88 80 120 0 0

Sample ID	LCS-9575	SampType:	LCS	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/17/2002	Run ID:	ICP5_020717D			
Client ID:	ZZZZZ	Batch ID:	9575	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/17/2002	SeqNo:	300868			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 223.7 5.0 250 0 89.5 80 120 0 0

Sample ID	LCS-9574	SampType:	LCS	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/17/2002	Run ID:	ICP5_020718F			
Client ID:	ZZZZZ	Batch ID:	9574	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/18/2002	SeqNo:	301154			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 214.3 5.0 250 0 85.7 80 120 0 0

Sample ID	057900-010AMS	SampType:	MS	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/17/2002	Run ID:	ICP5_020717A			
Client ID:	N65-0.3	Batch ID:	9572	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/17/2002	SeqNo:	300779			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 644.8 5.0 250 681.6 -14.7 47 128 0 0 S

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO - Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



CLIENT: Geocon Environmental  
Work Order: 057900  
Project: Rte 5 - NB, 9100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 6010\_SPB

Sample ID	057900-020AMS	SampType:	MS	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/17/2002	Run ID:	ICP5_020717A		
Client ID:	N68-0.3	Batch ID:	9572	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/17/2002	SeqNo:	300791		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	213.8	5.0	250	46.1	67.1	47	128	0	0			
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Sample ID	057900-030AMS	SampType:	MS	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/17/2002	Run ID:	ICP5_020717B		
Client ID:	N71-0.3	Batch ID:	9573	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/17/2002	SeqNo:	300807		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	191.4	5.0	250	13.15	71.3	47	128	0	0			
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Sample ID	057900-040AMS	SampType:	MS	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/17/2002	Run ID:	ICP5_020717B		
Client ID:	N74-0.6	Batch ID:	9573	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/17/2002	SeqNo:	300819		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	510.7	5.0	250	315.4	78.1	47	128	0	0			
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Sample ID	057900-050AMS	SampType:	MS	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/17/2002	Run ID:	ICP5_020717C		
Client ID:	N77-0.3	Batch ID:	9574	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/17/2002	SeqNo:	300835		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	1312	5.0	250	674.8	255	47	128	0	0			S
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Sample ID	057900-070AMS	SampType:	MS	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/17/2002	Run ID:	ICP5_020717D		
Client ID:	N83-S	Batch ID:	9575	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/17/2002	SeqNo:	300863		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	490.7	5.0	250	504.5	-5.51	47	128	0	0			S
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Qualifiers: ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



CLIENT: Geocon Environmental  
Work Order: 057900  
Project: Rte 5 - NB, 9100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 6010\_SPB

Sample ID	057900-079AMS	SampType:	MS	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/17/2002	Run ID:	ICP5_020717D
Client ID:	N85-0.6	Batch ID:	9575	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/18/2002	SeqNo:	300877
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	1224	5.0	250	797.3	171	47	128	0	0		S
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Sample ID	057900-060AMS	SampType:	MS	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/17/2002	Run ID:	ICP5_020718F
Client ID:	N80-S	Batch ID:	9574	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/18/2002	SeqNo:	301152
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	3760	15	250	3990	-92.1	47	128	0	0		S
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Sample ID	057900-010ADUP	SampType:	DUP	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/17/2002	Run ID:	ICP5_020717A
Client ID:	N65-0.3	Batch ID:	9572	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/17/2002	SeqNo:	300778
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	403.8	5.0	0	0	0	0	0	681.6	51.2	30	R
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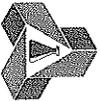
Sample ID	057900-020ADUP	SampType:	DUP	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/17/2002	Run ID:	ICP5_020717A
Client ID:	N68-0.3	Batch ID:	9572	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/17/2002	SeqNo:	300790
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	60.17	5.0	0	0	0	0	0	46.1	26.5	30	
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Sample ID	057900-030ADUP	SampType:	DUP	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/17/2002	Run ID:	ICP5_020717B
Client ID:	N71-0.3	Batch ID:	9573	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/17/2002	SeqNo:	300806
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	12.42	5.0	0	0	0	0	0	13.15	5.76	30	
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**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



CLIENT: Geocon Environmental  
Work Order: 057900  
Project: Rte 5 - NB, 9100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 6010\_SPB

Sample ID	057900-040ADUP	SampType:	DUP	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/17/2002	Run ID:	ICP5_020717B
Client ID:	N74-0.6	Batch ID:	9573	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/17/2002	SeqNo:	300818
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	204.1	5.0	0	0	0	0	0	315.4	42.9	30	R

Sample ID	057900-050ADUP	SampType:	DUP	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/17/2002	Run ID:	ICP5_020717C
Client ID:	N77-0.3	Batch ID:	9574	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/17/2002	SeqNo:	300834
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	1061	5.0	0	0	0	0	0	674.8	44.5	30	R

Sample ID	057900-070ADUP	SampType:	DUP	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/17/2002	Run ID:	ICP5_020717D
Client ID:	N83-S	Batch ID:	9575	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/17/2002	SeqNo:	300862
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	460.3	5.0	0	0	0	0	0	504.5	9.15	30	

Sample ID	057900-079ADUP	SampType:	DUP	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/17/2002	Run ID:	ICP5_020717D
Client ID:	N85-0.6	Batch ID:	9575	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/18/2002	SeqNo:	300876
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	752.3	5.0	0	0	0	0	0	797.3	5.80	30	

Sample ID	057900-060ADUP	SampType:	DUP	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/17/2002	Run ID:	ICP5_020718F
Client ID:	N80-S	Batch ID:	9574	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/18/2002	SeqNo:	301151
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	3421	15	0	0	0	0	0	3990	15.4	30	

Qualifiers: ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



CLIENT: Geocon Environmental  
Work Order: 057900  
Project: Rte 5 - NB, 9100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 6010\_WPB

Sample ID <b>MB-9584</b>	SampType: <b>MBLK</b>	TestCode: <b>6010_WPB</b>	Units: <b>mg/L</b>	Prep Date: <b>7/15/2002</b>	Run ID: <b>ICP5_020716I</b>						
Client ID: <b>ZZZZZ</b>	Batch ID: <b>9584</b>	TestNo: <b>EPA 6010B (EPA 3010A)</b>		Analysis Date: <b>7/16/2002</b>	SeqNo: <b>299904</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead ND 0.0050

Sample ID <b>LCS-9584</b>	SampType: <b>LCS</b>	TestCode: <b>6010_WPB</b>	Units: <b>mg/L</b>	Prep Date: <b>7/15/2002</b>	Run ID: <b>ICP5_020716I</b>						
Client ID: <b>ZZZZZ</b>	Batch ID: <b>9584</b>	TestNo: <b>EPA 6010B (EPA 3010A)</b>		Analysis Date: <b>7/16/2002</b>	SeqNo: <b>299903</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 1.031 0.0050 1 0 103 80 120 0 0

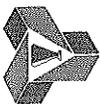
Sample ID <b>057900-087AMS</b>	SampType: <b>MS</b>	TestCode: <b>6010_WPB</b>	Units: <b>mg/L</b>	Prep Date: <b>7/15/2002</b>	Run ID: <b>ICP5_020716I</b>						
Client ID: <b>C28</b>	Batch ID: <b>9584</b>	TestNo: <b>EPA 6010B (EPA 3010A)</b>		Analysis Date: <b>7/16/2002</b>	SeqNo: <b>299901</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 2.593 0.0050 2.5 0 104 66 118 0 0

Sample ID <b>057900-087ADUP</b>	SampType: <b>DUP</b>	TestCode: <b>6010_WPB</b>	Units: <b>mg/L</b>	Prep Date: <b>7/15/2002</b>	Run ID: <b>ICP5_020716I</b>						
Client ID: <b>C28</b>	Batch ID: <b>9584</b>	TestNo: <b>EPA 6010B (EPA 3010A)</b>		Analysis Date: <b>7/16/2002</b>	SeqNo: <b>299900</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead ND 0.0050 0 0 0 0 0 0 0 0 30

Qualifiers: ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



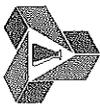
CLIENT: Geocon Environmental  
Work Order: 057900  
Project: Rte 5 - NB, 9100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 9045\_S

Sample ID: 057900-077ADUP	SampType: DUP	TestCode: 9045_S	Units: pH Units	Prep Date: 7/18/2002	Run ID: WETCHEM_020718B						
Client ID: N85-S	Batch ID: R19527	TestNo: EPA 9045C		Analysis Date: 7/18/2002	SeqNo: 301157						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
pH	6.84	0.10	0	0	0	0	0	6.9	0.873	20	

Qualifiers: ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO - Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



Advanced Technology Laboratories

Date: 26-Jul-02

CLIENT: Geocon Environmental
Work Order: 057900
Project: Rte 5 - NB, 9100-06-49

ANALYTICAL QC SUMMARY REPORT

TestCode: 7420\_ST

Table with 12 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, Analysis Date, SeqNo, Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual. Row 1: MB-9733A, MBLK, 7420\_ST, mg/L, 7/22/2002, AA2\_020725L, ZZZZZ, 9733, WET/ EPA 74 (WET), 7/25/2002, 306602, Lead, 0.0754, 0.20

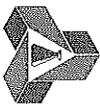
Table with 12 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, Analysis Date, SeqNo, Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual. Row 1: MB-9733, MBLK, 7420\_ST, mg/L, 7/25/2002, AA2\_020725L, ZZZZZ, 9733, WET/ EPA 74 (WET), 7/25/2002, 306603, Lead, 0.07474, 0.20

Table with 12 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, Analysis Date, SeqNo, Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual. Row 1: MB-9733B, MBLK, 7420\_ST, mg/L, 7/22/2002, AA2\_020725L, ZZZZZ, 9733, WET/ EPA 74 (WET), 7/25/2002, 306616, Lead, ND, 0.20

Table with 12 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, Analysis Date, SeqNo, Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual. Row 1: MB-9734, MBLK, 7420\_ST, mg/L, 7/25/2002, AA2\_020725M, ZZZZZ, 9734, WET/ EPA 74 (WET), 7/25/2002, 306631, Lead, ND, 0.20

Table with 12 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, Analysis Date, SeqNo, Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual. Row 1: MB-9734A, MBLK, 7420\_ST, mg/L, 7/22/2002, AA2\_020725M, ZZZZZ, 9734, WET/ EPA 74 (WET), 7/25/2002, 306632, Lead, ND, 0.20

Qualifiers: ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits DO- Surrogate dilute out
J - Analyte detected below quantitation limits B - Analyte detected in the associated Method Blank H - Sample exceeded holding time
R - RPD outside accepted recovery limits Calculations are based on raw values



**CLIENT:** Geocon Environmental  
**Work Order:** 057900  
**Project:** Rte 5 - NB, 9100-06-49

### ANALYTICAL QC SUMMARY REPORT

**TestCode:** 7420\_ST

Sample ID <b>MB-9734B</b>	SampType: <b>MBLK</b>	TestCode: <b>7420_ST</b>	Units: <b>mg/L</b>	Prep Date: <b>7/22/2002</b>	Run ID: <b>AA2_020725M</b>						
Client ID: <b>ZZZZZ</b>	Batch ID: <b>9734</b>	TestNo: <b>WET/ EPA 74 (WET)</b>		Analysis Date: <b>7/25/2002</b>	SeqNo: <b>306650</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 0.078 0.20

Sample ID <b>MB-9748</b>	SampType: <b>MBLK</b>	TestCode: <b>7420_ST</b>	Units: <b>mg/L</b>	Prep Date: <b>7/25/2002</b>	Run ID: <b>AA2_020725N</b>						
Client ID: <b>ZZZZZ</b>	Batch ID: <b>9748</b>	TestNo: <b>WET/ EPA 74 (WET)</b>		Analysis Date: <b>7/25/2002</b>	SeqNo: <b>306672</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead ND 0.20

Sample ID <b>MB-9748A</b>	SampType: <b>MBLK</b>	TestCode: <b>7420_ST</b>	Units: <b>mg/L</b>	Prep Date: <b>7/22/2002</b>	Run ID: <b>AA2_020725N</b>						
Client ID: <b>ZZZZZ</b>	Batch ID: <b>9748</b>	TestNo: <b>WET/ EPA 74 (WET)</b>		Analysis Date: <b>7/25/2002</b>	SeqNo: <b>306673</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead ND 0.20

Sample ID <b>MB-9748B</b>	SampType: <b>MBLK</b>	TestCode: <b>7420_ST</b>	Units: <b>mg/L</b>	Prep Date: <b>7/22/2002</b>	Run ID: <b>AA2_020725N</b>						
Client ID: <b>ZZZZZ</b>	Batch ID: <b>9748</b>	TestNo: <b>WET/ EPA 74 (WET)</b>		Analysis Date: <b>7/25/2002</b>	SeqNo: <b>306686</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead ND 0.20

Sample ID <b>LCS-9733</b>	SampType: <b>LCS</b>	TestCode: <b>7420_ST</b>	Units: <b>mg/L</b>	Prep Date: <b>7/25/2002</b>	Run ID: <b>AA2_020725L</b>						
Client ID: <b>ZZZZZ</b>	Batch ID: <b>9733</b>	TestNo: <b>WET/ EPA 74 (WET)</b>		Analysis Date: <b>7/25/2002</b>	SeqNo: <b>306630</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 7.377 0.20 7.5 0 98.4 80 120 0 0

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO - Surrogate dilute out  
 I - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



CLIENT: Geocon Environmental  
Work Order: 057900  
Project: Rte 5 - NB, 9100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 7420\_ST

Sample ID	LCS-9734	SampType:	LCS	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/25/2002	Run ID:	AA2_020725M			
Client ID:	ZZZZZ	Batch ID:	9734	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/25/2002	SeqNo:	306664			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead		7.201		0.20	7.5	0		96	80	120	0		0	
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Sample ID	LCS-9748	SampType:	LCS	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/25/2002	Run ID:	AA2_020725N			
Client ID:	ZZZZZ	Batch ID:	9748	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/25/2002	SeqNo:	306700			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead		7.198		0.20	7.5	0		96	80	120	0		0	
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Sample ID	057900-014AMS	SampType:	MS	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/25/2002	Run ID:	AA2_020725L			
Client ID:	N66-0.3	Batch ID:	9733	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/25/2002	SeqNo:	306615			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead		159		4.0	100	69.32		89.6	80	120	0		0	
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Sample ID	057900-032AMS	SampType:	MS	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/25/2002	Run ID:	AA2_020725L			
Client ID:	N72-S	Batch ID:	9733	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/25/2002	SeqNo:	306628			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead		17.86		0.40	10	8.969		88.9	80	120	0		0	
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Sample ID	057900-044AMS	SampType:	MS	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/25/2002	Run ID:	AA2_020725M			
Client ID:	N75-0.6	Batch ID:	9734	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/25/2002	SeqNo:	306648			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead		38.35		0.80	20	18.15		101	80	120	0		0	
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**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



CLIENT: Geocon Environmental  
Work Order: 057900  
Project: Rte 5 - NB, 9100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 7420\_ST

Sample ID	057900-070AMS	SampType:	MS	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/25/2002	Run ID:	AA2_020725M			
Client ID:	N83-S	Batch ID:	9734	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/25/2002	SeqNo:	306662			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 71.76 1.6 40 33.12 96.6 80 120 0 0

Sample ID	057931-007AMS	SampType:	MS	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/25/2002	Run ID:	AA2_020725N			
Client ID:	ZZZZZ	Batch ID:	9748	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/25/2002	SeqNo:	306685			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 74.52 2.0 50 30.65 87.7 80 120 0 0

Sample ID	057931-017AMS	SampType:	MS	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/25/2002	Run ID:	AA2_020725N			
Client ID:	ZZZZZ	Batch ID:	9748	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/25/2002	SeqNo:	306698			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 7.39 0.20 5 2.61 95.6 80 120 0 0

Sample ID	057900-014ADUP	SampType:	DUP	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/22/2002	Run ID:	AA2_020725L			
Client ID:	N66-0.3	Batch ID:	9733	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/25/2002	SeqNo:	306614			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 61.58 2.0 0 0 0 0 0 69.32 11.8 30

Sample ID	057900-032ADUP	SampType:	DUP	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/22/2002	Run ID:	AA2_020725L			
Client ID:	N72-S	Batch ID:	9733	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/25/2002	SeqNo:	306627			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 8.886 0.20 0 0 0 0 0 8.969 0.935 30

Qualifiers: ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



CLIENT: Geocon Environmental  
Work Order: 057900  
Project: Rte 5 - NB, 9100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 7420\_ST

Sample ID	057900-044ADUP	SampType:	DUP	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/22/2002	Run ID:	AA2_020725M			
Client ID:	N75-0.6	Batch ID:	9734	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/25/2002	SeqNo:	306647			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 21.37 0.40 0 0 0 0 0 0 18.15 16.3 30

Sample ID	057900-070ADUP	SampType:	DUP	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/22/2002	Run ID:	AA2_020725M			
Client ID:	N83-S	Batch ID:	9734	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/25/2002	SeqNo:	306661			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 35.73 0.80 0 0 0 0 0 0 33.12 7.59 30

Sample ID	057931-007ADUP	SampType:	DUP	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/22/2002	Run ID:	AA2_020725N			
Client ID:	ZZZZZ	Batch ID:	9748	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/25/2002	SeqNo:	306684			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 25.58 0.80 0 0 0 0 0 0 30.65 18.0 30

Sample ID	057931-017ADUP	SampType:	DUP	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/22/2002	Run ID:	AA2_020725N			
Client ID:	ZZZZZ	Batch ID:	9748	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/25/2002	SeqNo:	306697			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 2.817 0.20 0 0 0 0 0 0 2.61 7.61 30

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      . Calculations are based on raw values



Advanced Technology Laboratories

Date: 26-Jul-02

CLIENT: Geocon Environmental
Work Order: 057900
Project: Rte 5 - NB, 9100-06-49

ANALYTICAL QC SUMMARY REPORT

TestCode: 7420\_TC

Table with 13 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, Analysis Date, SeqNo, Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual. Row 1: MB-9826, mblk, 7420\_TC, mg/L, 7/23/2002, AA2\_020725C, ZZZZZ, 9826, EPA 1311/ 74 (EPA 3010A), 7/25/2002, 306005, Lead, 0.05739, 0.20, J.

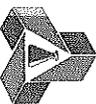
Table with 13 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, Analysis Date, SeqNo, Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual. Row 1: MB-9767-TCLP, mblk, 7420\_TC, mg/L, 7/23/2002, AA2\_020725C, ZZZZZ, 9826, EPA 1311/ 74 (EPA 3010A), 7/25/2002, 306006, Lead, 0.09446, 0.20, J.

Table with 13 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, Analysis Date, SeqNo, Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual. Row 1: MB-9824, mblk, 7420\_TC, mg/L, 7/23/2002, AA2\_020725D, ZZZZZ, 9824, EPA 1311/ 74 (EPA 3010A), 7/25/2002, 306015, Lead, ND, 0.20.

Table with 13 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, Analysis Date, SeqNo, Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual. Row 1: MB-9765-TCLP, mblk, 7420\_TC, mg/L, 7/23/2002, AA2\_020725D, ZZZZZ, 9824, EPA 1311/ 74 (EPA 3010A), 7/25/2002, 306016, Lead, ND, 0.20.

Table with 13 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, Analysis Date, SeqNo, Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual. Row 1: MB-9825, mblk, 7420\_TC, mg/L, 7/23/2002, AA2\_020725E, ZZZZZ, 9825, EPA 1311/ 74 (EPA 3010A), 7/25/2002, 306030, Lead, ND, 0.20.

Qualifiers: ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits DO- Surrogate dilute out
J - Analyte detected below quantitation limits B - Analyte detected in the associated Method Blank H - Sample exceeded holding time
R - RPD outside accepted recovery limits Calculations are based on raw values



CLIENT: Geocon Environmental  
Work Order: 057900  
Project: Rte 5 - NB, 9100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 7420\_TC

Sample ID	MB-9766-TCLP	SampType:	mblik	TestCode:	7420_TC	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020725E			
Client ID:	ZZZZZ	Batch ID:	9825	TestNo:	EPA 1311/ 74 (EPA 3010A)			Analysis Date:	7/25/2002	SeqNo:	306031			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead ND 0.20

Sample ID	MB-9854	SampType:	MBLK	TestCode:	7420_TC	Units:	mg/L	Prep Date:	7/25/2002	Run ID:	AA2_020726E			
Client ID:	ZZZZZ	Batch ID:	9854	TestNo:	EPA 1311/ 74 (EPA 3010A)			Analysis Date:	7/26/2002	SeqNo:	306811			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead ND 0.20

Sample ID	MB-9849-TCLP	SampType:	MBLK	TestCode:	7420_TC	Units:	mg/L	Prep Date:	7/25/2002	Run ID:	AA2_020726E			
Client ID:	ZZZZZ	Batch ID:	9854	TestNo:	EPA 1311/ 74 (EPA 3010A)			Analysis Date:	7/26/2002	SeqNo:	306812			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead ND 0.20

Sample ID	LCS-9826	SampType:	ics	TestCode:	7420_TC	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020725C			
Client ID:	ZZZZZ	Batch ID:	9826	TestNo:	EPA 1311/ 74 (EPA 3010A)			Analysis Date:	7/25/2002	SeqNo:	306013			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 0.9968 0.20 1 0 99.7 80 120 0 0

Sample ID	LCS-9824	SampType:	ics	TestCode:	7420_TC	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020725D			
Client ID:	ZZZZZ	Batch ID:	9824	TestNo:	EPA 1311/ 74 (EPA 3010A)			Analysis Date:	7/25/2002	SeqNo:	306029			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 0.875 0.20 1 0 87.5 80 120 0 0

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



CLIENT: Geocon Environmental  
Work Order: 057900  
Project: Rte 5 - NB, 9100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 7420\_TC

Sample ID	LCS-9825	SampType:	lcs	TestCode:	7420_TC	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020725E			
Client ID:	ZZZZZ	Batch ID:	9825	TestNo:	EPA 1311/ 74 (EPA 3010A)			Analysis Date:	7/25/2002	SeqNo:	306045			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 1.07 0.20 1 0 107 80 120 0 0

Sample ID	LCS-9854	SampType:	LCS	TestCode:	7420_TC	Units:	mg/L	Prep Date:	7/25/2002	Run ID:	AA2_020726E			
Client ID:	ZZZZZ	Batch ID:	9854	TestNo:	EPA 1311/ 74 (EPA 3010A)			Analysis Date:	7/26/2002	SeqNo:	306819			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 1.071 0.20 1 0 107 80 120 0 0

Sample ID	057900-069AMS	SampType:	MS	TestCode:	7420_TC	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020725C			
Client ID:	N82-0.3	Batch ID:	9826	TestNo:	EPA 1311/ 74 (EPA 3010A)			Analysis Date:	7/25/2002	SeqNo:	306010			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 30.33 0.80 2.5 24.86 219 80 120 0 0 S

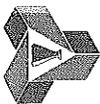
Sample ID	057900-045AMS	SampType:	MS	TestCode:	7420_TC	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020725D			
Client ID:	N76-S	Batch ID:	9824	TestNo:	EPA 1311/ 74 (EPA 3010A)			Analysis Date:	7/25/2002	SeqNo:	306027			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 37.73 1.0 2.5 37.77 -1.57 80 120 0 0 S

Sample ID	057900-065AMS	SampType:	MS	TestCode:	7420_TC	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020725E			
Client ID:	N81-0.3	Batch ID:	9825	TestNo:	EPA 1311/ 74 (EPA 3010A)			Analysis Date:	7/25/2002	SeqNo:	306043			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 31.13 0.80 2.5 32.68 -61.8 80 120 0 0 S

Qualifiers: ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



CLIENT: Geocon Environmental  
Work Order: 057900  
Project: Rte 5 - NB, 9100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 7420\_TC

Sample ID	057900-021AMS	SampType:	MS	TestCode:	7420_TC	Units:	mg/L	Prep Date:	7/25/2002	Run ID:	AA2_020726E
Client ID:	N68-0.6	Batch ID:	9854	TestNo:	EPA 1311/ 74 (EPA 3010A)			Analysis Date:	7/26/2002	SeqNo:	306817
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	4.734	0.20	2.5	2.56	87	80	120	0	0		

Sample ID	057900-069ADUP	SampType:	DUP	TestCode:	7420_TC	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020725C
Client ID:	N82-0.3	Batch ID:	9826	TestNo:	EPA 1311/ 74 (EPA 3010A)			Analysis Date:	7/25/2002	SeqNo:	306009
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	24.87	0.80	0	0	0	0	0	24.86	0.0351	30	

Sample ID	057900-045ADUP	SampType:	DUP	TestCode:	7420_TC	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020725D
Client ID:	N76-S	Batch ID:	9824	TestNo:	EPA 1311/ 74 (EPA 3010A)			Analysis Date:	7/25/2002	SeqNo:	306026
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	35.27	1.0	0	0	0	0	0	37.77	6.87	30	

Sample ID	057900-065ADUP	SampType:	DUP	TestCode:	7420_TC	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020725E
Client ID:	N81-0.3	Batch ID:	9825	TestNo:	EPA 1311/ 74 (EPA 3010A)			Analysis Date:	7/25/2002	SeqNo:	306042
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	32.88	0.80	0	0	0	0	0	32.68	0.622	30	

Sample ID	057900-021ADUP	SampType:	DUP	TestCode:	7420_TC	Units:	mg/L	Prep Date:	7/25/2002	Run ID:	AA2_020726E
Client ID:	N68-0.6	Batch ID:	9854	TestNo:	EPA 1311/ 74 (EPA 3010A)			Analysis Date:	7/26/2002	SeqNo:	306816
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	3.046	0.20	0	0	0	0	0	2.56	17.3	30	

Qualifiers: ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



Advanced Technology Laboratories

Date: 29-Jul-02

CLIENT: Geocon Environmental
Work Order: 057900
Project: Rte 5 - NB, 9100-06-49

ANALYTICAL QC SUMMARY REPORT

TestCode: 7420\_DI

Table with 6 main rows, each representing a sample analysis. Each row includes fields for Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, Analysis Date, SeqNo, and a detailed table of Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, and Qual.

Qualifiers: ND - Not Detected at the Reporting Limit, J - Analyte detected below quantitation limits, R - RPD outside accepted recovery limits, S - Spike Recovery outside accepted recovery limits, B - Analyte detected in the associated Method Blank, Calculations are based on raw values, DO - Surrogate dilute out, H - Sample exceeded holding time



CLIENT: Geocon Environmental  
Work Order: 057900  
Project: Rte 5 - NB, 9100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 7420\_DI

Sample ID	MB-9773B	SampType:	MBLK	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020728E												
Client ID:	ZZZZZ	Batch ID:	9773	TestNo:	WET DI/ EPA (WET)			Analysis Date:	7/28/2002	SeqNo:	308355												
Analyte		Result		PQL		SPK value		SPK Ref Val		%REC		LowLimit		HighLimit		RPD Ref Val		%RPD		RPDLimit		Qual	

Lead ND 0.20

Sample ID	MB-9774	SampType:	MBLK	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/28/2002	Run ID:	AA2_020728F												
Client ID:	ZZZZZ	Batch ID:	9774	TestNo:	WET DI/ EPA (WET)			Analysis Date:	7/28/2002	SeqNo:	308380												
Analyte		Result		PQL		SPK value		SPK Ref Val		%REC		LowLimit		HighLimit		RPD Ref Val		%RPD		RPDLimit		Qual	

Lead ND 0.20

Sample ID	MB-9774A	SampType:	MBLK	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020728F												
Client ID:	ZZZZZ	Batch ID:	9774	TestNo:	WET DI/ EPA (WET)			Analysis Date:	7/28/2002	SeqNo:	308381												
Analyte		Result		PQL		SPK value		SPK Ref Val		%REC		LowLimit		HighLimit		RPD Ref Val		%RPD		RPDLimit		Qual	

Lead ND 0.20

Sample ID	MB-9774B	SampType:	MBLK	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020728F												
Client ID:	ZZZZZ	Batch ID:	9774	TestNo:	WET DI/ EPA (WET)			Analysis Date:	7/28/2002	SeqNo:	308394												
Analyte		Result		PQL		SPK value		SPK Ref Val		%REC		LowLimit		HighLimit		RPD Ref Val		%RPD		RPDLimit		Qual	

Lead ND 0.20

Sample ID	LCS-9772	SampType:	LCS	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/28/2002	Run ID:	AA2_020728D												
Client ID:	ZZZZZ	Batch ID:	9772	TestNo:	WET DI/ EPA (WET)			Analysis Date:	7/28/2002	SeqNo:	308346												
Analyte		Result		PQL		SPK value		SPK Ref Val		%REC		LowLimit		HighLimit		RPD Ref Val		%RPD		RPDLimit		Qual	

Lead 7.462 0.20 7.5 0 99.5 80 120 0 0

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



CLIENT: Geocon Environmental  
Work Order: 057900  
Project: Rte 5 - NB, 9100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 7420\_DI

Sample ID	LCS-9773	SampType:	LCS	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/28/2002	Run ID:	AA2_020728E
Client ID:	ZZZZZ	Batch ID:	9773	TestNo:	WET DI/ EPA (WET)	Analysis Date:	7/28/2002	SeqNo:	308369		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	7.524	0.20	7.5	0	100	80	120	0	0		
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Sample ID	LCS-9774	SampType:	LCS	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/28/2002	Run ID:	AA2_020728F
Client ID:	ZZZZZ	Batch ID:	9774	TestNo:	WET DI/ EPA (WET)	Analysis Date:	7/28/2002	SeqNo:	308408		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	7.461	0.20	7.5	0	99.5	80	120	0	0		
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Sample ID	057900-014AMS	SampType:	MS	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/28/2002	Run ID:	AA2_020728D
Client ID:	N66-0.3	Batch ID:	9772	TestNo:	WET DI/ EPA (WET)	Analysis Date:	7/28/2002	SeqNo:	308325		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	8.743	0.20	5	3.785	99.2	80	120	0	0		
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Sample ID	057900-032AMS	SampType:	MS	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/28/2002	Run ID:	AA2_020728D
Client ID:	N72-S	Batch ID:	9772	TestNo:	WET DI/ EPA (WET)	Analysis Date:	7/28/2002	SeqNo:	308342		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	5.235	0.20	5	0	105	80	120	0	0		
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Sample ID	057900-044AMS	SampType:	MS	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/28/2002	Run ID:	AA2_020728E
Client ID:	N75-0.6	Batch ID:	9773	TestNo:	WET DI/ EPA (WET)	Analysis Date:	7/28/2002	SeqNo:	308354		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	5.728	0.20	5	0.6263	102	80	120	0	0		
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**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



CLIENT: Geocon Environmental  
Work Order: 057900  
Project: Rte 5 - NB, 9100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 7420\_DI

Sample ID	057900-070AMS	SampType:	MS	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/28/2002	Run ID:	AA2_020728E
Client ID:	N83-S	Batch ID:	9773	TestNo:	WET DI/ EPA (WET)	Analysis Date:	7/28/2002	SeqNo:	308367		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	5.386	0.20	5	0.4319	99.1	80	120	0	0		
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Sample ID	057936-007AMS	SampType:	MS	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/28/2002	Run ID:	AA2_020728F
Client ID:	ZZZZZ	Batch ID:	9774	TestNo:	WET DI/ EPA (WET)	Analysis Date:	7/28/2002	SeqNo:	308393		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	5.502	0.20	5	0.3567	103	80	120	0	0		
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Sample ID	057936-025AMS	SampType:	MS	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/28/2002	Run ID:	AA2_020728F
Client ID:	ZZZZZ	Batch ID:	9774	TestNo:	WET DI/ EPA (WET)	Analysis Date:	7/28/2002	SeqNo:	308406		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	5.872	0.20	5	0.777	102	80	120	0	0		
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Sample ID	057936-025AMSD	SampType:	MSD	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/28/2002	Run ID:	AA2_020728F
Client ID:	ZZZZZ	Batch ID:	9774	TestNo:	WET DI/ EPA (WET)	Analysis Date:	7/28/2002	SeqNo:	308407		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	5.885	0.20	5	0.777	102	80	120	5.872	0.213	20	
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Sample ID	057900-014ADUP	SampType:	DUP	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020728D
Client ID:	N66-0.3	Batch ID:	9772	TestNo:	WET DI/ EPA (WET)	Analysis Date:	7/28/2002	SeqNo:	308324		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	3.571	0.20	0	0	0	0	0	3.785	5.83	30	
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Qualifiers: ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO - Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



CLIENT: Geocon Environmental  
Work Order: 057900  
Project: Rte 5 - NB, 9100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 7420\_DI

Sample ID	057900-032ADUP	SampType:	DUP	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020728D		
Client ID:	N72-S	Batch ID:	9772	TestNo:	WET DI/ EPA (WET)			Analysis Date:	7/28/2002	SeqNo:	308339		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead ND 0.20 0 0 0 0 0 0 0 0 0 30

Sample ID	057900-044ADUP	SampType:	DUP	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020728E		
Client ID:	N75-0.6	Batch ID:	9773	TestNo:	WET DI/ EPA (WET)			Analysis Date:	7/28/2002	SeqNo:	308353		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 0.5781 0.20 0 0 0 0 0 0 0.6263 8.00 30

Sample ID	057900-070ADUP	SampType:	DUP	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020728E		
Client ID:	N83-S	Batch ID:	9773	TestNo:	WET DI/ EPA (WET)			Analysis Date:	7/28/2002	SeqNo:	308366		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 1.095 0.20 0 0 0 0 0 0 0.4319 86.9 30 R

Sample ID	057936-007ADUP	SampType:	DUP	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020728F		
Client ID:	ZZZZZ	Batch ID:	9774	TestNo:	WET DI/ EPA (WET)			Analysis Date:	7/28/2002	SeqNo:	308392		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 0.6903 0.20 0 0 0 0 0 0 0.3567 63.7 30 R

Sample ID	057936-025ADUP	SampType:	DUP	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020728F		
Client ID:	ZZZZZ	Batch ID:	9774	TestNo:	WET DI/ EPA (WET)			Analysis Date:	7/28/2002	SeqNo:	308405		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 0.8496 0.20 0 0 0 0 0 0 0.777 8.93 30

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
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 R - RPD outside accepted recovery limits      Calculations are based on raw values



Advanced Technology Laboratories

Date: 30-Jul-02

CLIENT: Geocon Environmental  
Work Order: 057900  
Project: Rte 5 - NB, 9100-06-49

**ANALYTICAL QC SUMMARY REPORT**

TestCode: 6010\_S

Sample ID	MB-9917	SampType:	MBLK	TestCode:	6010_S	Units:	mg/Kg	Prep Date:	7/28/2002	Run ID:	ICP2_020729D		
Client ID:	ZZZZZ	Batch ID:	9917	TestNo:	EPA 6010B	(EPA 3050A)		Analysis Date:	7/29/2002	SeqNo:	309112		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Antimony	0.078	0.25											
Arsenic	0.0295	0.25											
Barium	ND	0.15											
Beryllium	ND	0.15											
Cadmium	0.0065	0.15											
Chromium	ND	0.15											
Cobalt	0.017	0.15											
Copper	ND	0.15											
Lead	0.154	0.25											
Molybdenum	0.013	0.25											
Nickel	ND	0.15											
Selenium	ND	0.25											
Silver	0.059	0.15											
Thallium	ND	0.25											
Vanadium	ND	0.15											
Zinc	0.183	0.50											

Sample ID	LCS-9917	SampType:	LCS	TestCode:	6010_S	Units:	mg/Kg	Prep Date:	7/28/2002	Run ID:	ICP2_020729D		
Client ID:	ZZZZZ	Batch ID:	9917	TestNo:	EPA 6010B	(EPA 3050A)		Analysis Date:	7/29/2002	SeqNo:	309098		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Antimony	52	0.25	50	0	104	80	120	0	0	0	0	
Arsenic	53.5	0.25	50	0	107	80	120	0	0	0	0	
Barium	53	0.15	50	0	106	80	120	0	0	0	0	
Beryllium	51.5	0.15	50	0	103	80	120	0	0	0	0	
Cadmium	49	0.15	50	0	98	80	120	0	0	0	0	
Chromium	51	0.15	50	0	102	80	120	0	0	0	0	
Cobalt	49.5	0.15	50	0	99	80	120	0	0	0	0	
Copper	51	0.15	50	0	102	80	120	0	0	0	0	

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO - Surrogate dilute out  
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CLIENT: Geocon Environmental  
Work Order: 057900  
Project: Rte 5 - NB, 9100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 6010\_S

Sample ID	SampType	TestCode	Units	Prep Date	Run ID						
LCS-9917	LCS	6010_S	mg/Kg	7/28/2002	ICP2_020729D						
Client ID: ZZZZZ	Batch ID: 9917	TestNo: EPA 6010B (EPA 3050A)		Analysis Date: 7/29/2002	SeqNo: 309098						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	51	0.25	50	0	102	80	120	0	0		
Molybdenum	52	0.25	50	0	104	80	120	0	0		
Nickel	48.5	0.15	50	0	97	80	120	0	0		
Selenium	50	0.25	50	0	100	80	120	0	0		
Silver	52	0.15	50	0	104	80	120	0	0		
Thallium	51.5	0.25	50	0	103	80	120	0	0		
Vanadium	53	0.15	50	0	106	80	120	0	0		
Zinc	50	0.50	50	0	100	80	120	0	0		

Sample ID	SampType	TestCode	Units	Prep Date	Run ID						
057936-019AMS	MS	6010_S	mg/Kg	7/28/2002	ICP2_020729D						
Client ID: ZZZZZ	Batch ID: 9917	TestNo: EPA 6010B (EPA 3050A)		Analysis Date: 7/29/2002	SeqNo: 309110						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	100	0.25	125	2.5	78	32	115	0	0		
Arsenic	126.5	0.25	125	13	90.8	59	111	0	0		
Barium	288	0.15	125	210	62.4	34	151	0	0		
Beryllium	113.5	0.15	125	0	90.8	56	112	0	0		
Cadmium	106.5	0.15	125	0	85.2	52	120	0	0		
Chromium	138.5	0.15	125	28	88.4	56	118	0	0		
Cobalt	115.5	0.15	125	7.5	86.4	58	117	0	0		
Copper	193.5	0.15	125	71.5	97.6	58	134	0	0		
Molybdenum	116	0.25	125	3.5	90	56	115	0	0		
Nickel	129	0.15	125	27.5	81.2	52	120	0	0		
Selenium	113	0.25	125	0	90.4	46	108	0	0		
Silver	119	0.15	125	0.1365	95.1	74	117	0	0		
Thallium	111.5	0.25	125	1	88.4	62	117	0	0		
Vanadium	148.5	0.15	125	29	95.6	55	122	0	0		
Zinc	471.5	0.50	125	594.5	-98.4	43	134	0	0		S

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
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CLIENT: Geocon Environmental  
Work Order: 057900  
Project: Rte 5 - NB, 9100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 6010\_S

Sample ID	057936-019AMS	SampType:	MS	TestCode:	6010_S	Units:	mg/Kg	Prep Date:	7/28/2002	Run ID:	ICP2_020729D
Client ID:	ZZZZZ	Batch ID:	9917	TestNo:	EPA 6010B (EPA 3050A)	Analysis Date:	7/29/2002	SeqNo:	309118		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	3055	2.5	125	3800	-596	47	128	0	0		S
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Sample ID	057936-019AMSD	SampType:	MSD	TestCode:	6010_S	Units:	mg/Kg	Prep Date:	7/28/2002	Run ID:	ICP2_020729D
Client ID:	ZZZZZ	Batch ID:	9917	TestNo:	EPA 6010B (EPA 3050A)	Analysis Date:	7/29/2002	SeqNo:	309111		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Antimony	107	0.25	125	2.5	83.6	32	115	100	6.76	20	
Arsenic	127	0.25	125	13	91.2	59	111	126.5	0.394	20	
Barium	280.5	0.15	125	210	56.4	34	151	288	2.64	20	
Beryllium	116.5	0.15	125	0	93.2	56	112	113.5	2.61	20	
Cadmium	109.5	0.15	125	0	87.6	52	120	106.5	2.78	20	
Chromium	134.5	0.15	125	28	85.2	56	118	138.5	2.93	20	
Cobalt	117	0.15	125	7.5	87.6	58	117	115.5	1.29	20	
Copper	195	0.15	125	71.5	98.8	58	134	193.5	0.772	20	
Molybdenum	119.5	0.25	125	3.5	92.8	56	115	116	2.97	20	
Nickel	128.5	0.15	125	27.5	80.8	52	120	129	0.388	20	
Selenium	115.5	0.25	125	0	92.4	46	108	113	2.19	20	
Silver	120.5	0.15	125	0.1365	96.3	74	117	119	1.25	20	
Thallium	114.5	0.25	125	1	90.8	62	117	111.5	2.65	20	
Vanadium	143.5	0.15	125	29	91.6	55	122	148.5	3.42	20	
Zinc	464	0.50	125	594.5	-104	43	134	471.5	1.60	20	S

Sample ID	057936-019AMSD	SampType:	MSD	TestCode:	6010_S	Units:	mg/Kg	Prep Date:	7/28/2002	Run ID:	ICP2_020729D
Client ID:	ZZZZZ	Batch ID:	9917	TestNo:	EPA 6010B (EPA 3050A)	Analysis Date:	7/29/2002	SeqNo:	309119		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	3270	2.5	125	3800	-424	47	128	3055	6.80	20	S
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 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



CLIENT: Geocon Environmental  
Work Order: 057900  
Project: Rte 5 - NB, 9100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 6010\_S

Sample ID	057936-019ADUP	SampType:	DUP	TestCode:	6010_S	Units:	mg/Kg	Prep Date:	7/28/2002	Run ID:	ICP2_020729D
Client ID:	ZZZZZ	Batch ID:	9917	TestNo:	EPA 6010B (EPA 3050A)			Analysis Date:	7/29/2002	SeqNo:	309109
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	2.5	0.25	0	0	0	0	0	2.5	0	30	
Arsenic	13	0.25	0	0	0	0	0	13	0	30	
Barium	210	0.15	0	0	0	0	0	210	0	30	
Beryllium	ND	0.15	0	0	0	0	0	0	0	30	
Cadmium	ND	0.15	0	0	0	0	0	0	0	30	
Chromium	28	0.15	0	0	0	0	0	28	0	30	
Cobalt	7.5	0.15	0	0	0	0	0	7.5	0	30	
Copper	71.5	0.15	0	0	0	0	0	71.5	0	30	
Molybdenum	3.5	0.25	0	0	0	0	0	3.5	0	30	
Nickel	27.5	0.15	0	0	0	0	0	27.5	0	30	
Selenium	ND	0.25	0	0	0	0	0	0	0	30	
Silver	0.1365	0.15	0	0	0	0	0	0.1365	0	30	J
Thallium	1	0.25	0	0	0	0	0	1	0	30	
Vanadium	29	0.15	0	0	0	0	0	29	0	30	
Zinc	594.5	0.50	0	0	0	0	0	594.5	0	30	

Sample ID	057936-019ADUP	SampType:	DUP	TestCode:	6010_S	Units:	mg/Kg	Prep Date:	7/28/2002	Run ID:	ICP2_020729D
Client ID:	ZZZZZ	Batch ID:	9917	TestNo:	EPA 6010B (EPA 3050A)			Analysis Date:	7/29/2002	SeqNo:	309117
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	4210	2.5	0	0	0	0	0	3800	10.2	30	

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



CLIENT: Geocon Environmental  
Work Order: 057900  
Project: Rte 5 - NB, 9100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 7471\_S

Sample ID	MB-9920	SampType:	mblk	TestCode:	7471_S	Units:	mg/Kg	Prep Date:	7/28/2002	Run ID:	AA1_020729B			
Client ID:	ZZZZZ	Batch ID:	9920	TestNo:	EPA 7471A (EPA 7471)			Analysis Date:	7/29/2002	SeqNo:	309080			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Mercury 0.03565 0.10

Sample ID	LCS-9920	SampType:	lcs	TestCode:	7471_S	Units:	mg/Kg	Prep Date:	7/28/2002	Run ID:	AA1_020729B			
Client ID:	ZZZZZ	Batch ID:	9920	TestNo:	EPA 7471A (EPA 7471)			Analysis Date:	7/29/2002	SeqNo:	309079			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Mercury 2.144 0.10 2.08 0 103 80 120 0 0

Sample ID	057900-074AMS	SampType:	MS	TestCode:	7471_S	Units:	mg/Kg	Prep Date:	7/28/2002	Run ID:	AA1_020729B			
Client ID:	N84-S	Batch ID:	9920	TestNo:	EPA 7471A (EPA 7471)			Analysis Date:	7/29/2002	SeqNo:	309077			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Mercury 1.067 0.10 0.83 0.218 102 62 146 0 0

Sample ID	057900-074AMSD	SampType:	MSD	TestCode:	7471_S	Units:	mg/Kg	Prep Date:	7/28/2002	Run ID:	AA1_020729B			
Client ID:	N84-S	Batch ID:	9920	TestNo:	EPA 7471A (EPA 7471)			Analysis Date:	7/29/2002	SeqNo:	309078			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Mercury 1.144 0.10 0.83 0.218 112 62 146 1.067 7.02 33

Sample ID	057900-074ADUP	SampType:	DUP	TestCode:	7471_S	Units:	mg/Kg	Prep Date:	7/28/2002	Run ID:	AA1_020729B			
Client ID:	N84-S	Batch ID:	9920	TestNo:	EPA 7471A (EPA 7471)			Analysis Date:	7/29/2002	SeqNo:	309076			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Mercury 0.1995 0.10 0 0 0 0 0 0.218 8.85 30

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values

All samples → total lead (6010)

total lead > 50 mg/kg → WET-Citric

WET-CITRIC > 5 mg/L → WET-DI

Total lead > 1,000 mg/kg → TCLP

10% → soil pH (9045)

Please call when all totals have been run. I will instruct what samples should be run for Title 22 metals.

Thanks - Chris King

REVISIONS  
BY \_\_\_\_\_ DATE \_\_\_\_\_  
BY \_\_\_\_\_ DATE \_\_\_\_\_

BY \_\_\_\_\_ DATE \_\_\_\_\_  
CHECKED BY \_\_\_\_\_

**Diane**

---

**From:** Chris King [king@geoconinc.com]  
**Sent:** Monday, July 22, 2002 10:57 AM  
**To:** 'Diane'  
**Subject:** 09100-06-49

Diane - please run the 15 samples with the highest total lead content for Title 22 metals. Please do this for each direction (northbound and southbound), so the total number of tests will be 30. Thank you and please call me if you have any questions.

Christopher S. King  
Senior Staff Engineer  
Geocon Consultants, Inc.

7/22/2002

July 17, 2002

Chris King  
Geocon Environmental  
6970 Flanders Drive  
San Diego, CA 92121  
TEL: (858) 558-6100  
FAX: (858) 558-8437

RE: Rte 5-NB, 9100-06-49

Attention: Chris King

AUG 05 2002

ELAP No.: 1838

NELAP No.: 02107CA

Workorder No.: 057871

Enclosed are the results for sample(s) received on July 10, 2002 by Advanced Technology Laboratories and tested for the parameters indicated in the enclosed chain of custody.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (562)989-4045 if I can be of further assistance to your company.

Sincerely,



Eddie F. Rodriguez  
Laboratory Director

This cover letter is an integral part of this analytical report.



# CHAIN OF CUSTODY RECORD

<b>Advanced Technology Laboratories</b> 3275 Walnut Avenue Signal Hill, CA 90807 (562) 989-4045 • FAX (562) 989-4040	FOR LABORATORY USE ONLY:		
	P.O.#: _____  Logged By: <u>MM</u> Date: <u>7/10/02</u> Time: _____	Method of Transport Walk-in <input type="checkbox"/> Courier <input type="checkbox"/> UPS <input type="checkbox"/> FED. EXP. <input type="checkbox"/> ATL <input checked="" type="checkbox"/>	Sample Condition Upon Receipt 1. CHILLED <input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> 4. SEALED <input type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> 2. HEADSPACE (VOA) <input type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> 5. # OF SPLS MATCH COC <input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> 3. CONTAINER INTACT <input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> 6. PRESERVED <input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/>

Client: <b>GEOCON ENVIRONMENTAL - SAN DIEGO</b>	Address: 6970 Flanders Drive	TEL: ( 858 ) 558-6100
Attn: <u>Chris King</u>	City: San Diego State: CA Zip Code: 92121	FAX: ( 858 ) 558-8437

Project Name: <u>Rte 5-NB</u>	Project #: <u>9100-06-49</u>	Sampler: <u>CSK/GCA</u> (Printed Name)	(Signature)
Relinquished by: <u>[Signature]</u> (Signature and Printed Name)	Date: <u>7/10</u> Time: <u>7:00pm</u>	Received by: <u>[Signature]</u> (Signature and Printed Name)	Date: <u>7-10-02</u> Time: <u>7:00pm</u>
Relinquished by: <u>[Signature]</u> (Signature and Printed Name)	Date: <u>7-10-02</u> Time: <u>7:35p</u>	Received by: <u>[Signature]</u> (Signature and Printed Name)	Date: <u>7/10/02</u> Time: <u>7:35pm</u>
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: <u>CSK</u> <u>7/10</u> Print Name Date <u>[Signature]</u> Signature	Send Report To: Attn: _____ Co: <u>Client</u> Address _____ City _____ State _____ Zip _____	Bill To: Attn: _____ Co: <u>Client</u> Address _____ City _____ State _____ Zip _____	Special Instructions/Comments: <u>Attached</u>
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Unless otherwise requested, all samples will be disposed 45 days after receipt.	Sample Archive/Disposal: <input type="checkbox"/> Laboratory Standard <input type="checkbox"/> Other <input type="checkbox"/> Return To: * \$10.00 FEE PER HAZARDOUS SAMPLE DISPOSAL.	Circle or Add Analysis(es) Requested: 8081 / 8082 (Pesticides/PCB-CC) 8230 (X) Volatiles-GC/MS 625 / 6270 (BVA-GC/MS) Metals-Total (CAC-8010 / 7000) 8015M TPH-GT/TEX (COMBINATION) 8015M TPH/D (Diesel-GC) <u>total lead 6010</u>	CIRCLE APPROPRIATE MATRIX: SOLID (SOL) SLUDGE OIL • SOLVENT • LIQUID WATER • WASTEWATER DRINKING WATER AIR WIPE • FILTER OTHER TAT # Type	PRESERVATION RTNE <input type="checkbox"/> RWQCB <input type="checkbox"/> WIP <input type="checkbox"/> NAVY <input type="checkbox"/> CT <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>	QA/QC
LAB USE ONLY: Batch #: Lab No.	Sample Description Sample I.D.	Date Time	Container(s)	REMARKS	
057871-001	N16-S	7/10 9:05	E 15 G		
2	N16-0.3	9:09			
3	N16-0.6	9:13			
4	N16-0.9	9:17			
5	N17-S	9:15			
6	N17-0.3	9:20			
7	N17-0.6	9:24			
8	N18-S	9:33			
9	N18-0.3	9:41			
10	N18-0.6	9:43			

• TAT starts 8 a.m. following day if samples received after 5 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 <sub>3</sub> S=H <sub>2</sub> SO <sub>4</sub> C=4°C Z=Zn(AC) <sub>2</sub> O=NaOH T=Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub>	Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal
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# CHAIN OF CUSTODY RECORD



**Advanced Technology  
Laboratories**

3275 Walnut Avenue  
Signal Hill, CA 90807  
(562) 989-4045 • FAX (562) 989-4040

## FOR LABORATORY USE ONLY:

P.O.#: _____	Method of Transport Walk-in <input type="checkbox"/> Courier <input type="checkbox"/> UPS <input type="checkbox"/> FED. EXP. <input type="checkbox"/> ATL <input checked="" type="checkbox"/>	Sample Condition Upon Receipt 1. CHILLED <input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N <input type="checkbox"/> 4. SEALED <input type="checkbox"/> Y <input type="checkbox"/> N <input checked="" type="checkbox"/> 2. HEADSPACE (VOA) <input type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> 5. # OF SPLS MATCH COC <input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> 3. CONTAINER INTACT <input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> 6. PRESERVED <input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/>
Logged By: <u>[Signature]</u>	Date: <u>7/10/02</u> Time: _____	

Client: <b>GEOCON ENVIRONMENTAL - SAN DIEGO</b>	Address: 6970 Flanders Drive	TEL: ( 858 ) 558-6100
Attn: <u>Chris King</u>	City: San Diego State: CA Zip Code: 92121	FAX: ( 858 ) 558-8437

Project Name: <u>Rte 5-NB</u>	Project #: <u>9100-06-49</u>	Sampler: <u>GLA/CSK</u>	(Signature) <u>[Signature]</u>
Relinquished by: <u>[Signature]</u> <u>9/4</u>	Date: <u>7/10</u> Time: <u>7:00P</u>	Received by: <u>[Signature]</u>	Date: <u>7-10-02</u> Time: <u>7:00P</u>
Relinquished by: <u>[Signature]</u> <u>WR</u>	Date: <u>7-10-02</u> Time: <u>7:35P</u>	Received by: <u>[Signature]</u>	Date: <u>7/10/02</u> Time: <u>7:35P</u>
Relinquished by: _____	Date: _____ Time: _____	Received by: _____	Date: _____ Time: _____

I hereby authorize ATL to perform the work indicated below: Project Mgr /Submitter: <u>CSK</u> <u>7/10</u> <u>[Signature]</u> Date	Send Report To: Attn: _____ Co: <u>Client</u> Address: _____ City _____ State _____ Zip _____	Bill To: Attn: _____ Co: <u>Client</u> Address: _____ City _____ State _____ Zip _____	Special Instructions/Comments: <u>Attached</u>
---	---	--	---

Unless otherwise requested, all samples will be disposed 45 days after receipt.	Sample Archive/Disposal: <input type="checkbox"/> Laboratory Standard <input type="checkbox"/> Other _____ <input type="checkbox"/> Return To: _____ * \$10.00 FEE PER HAZARDOUS SAMPLE DISPOSAL.	Circle or Add Analysis(es) Requested <u>Total Hydro</u> 8091 / 8092 (Pesticides-PCB-QC) 8289 (Volatiles-GC/MS) 825 / 8270 (BNA-GC/MS) Metals Total (CAC-8010 / 7000) 8015M TPH/G/BTEX (COMBINATION) 8015M TPH/D (Diesel-QC)	CIRCLE APPROPRIATE MATRIX SOLID (SOIL) SLUDGE OIL • SOLVENT • LIQUID WATER • WASTEWATER DRINKING WATER AIR WIPE • FILTER OTHER _____ TAT # _____ Type _____	PRESERVATION RTNE <input type="checkbox"/> RWQCB <input type="checkbox"/> WIP <input type="checkbox"/> NAVY <input type="checkbox"/> CT <input checked="" type="checkbox"/> OTHER _____
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ITEM	LAB USE ONLY:		Sample Description				Analysis	Matrix	TAT	Container(s)		REMARKS
	Batch #:	Lab No.	Sample I.D.	Date	Time	#				Type		
			N18-0.9	7/10	9:52	X			E	1	JG	
			N19-S		9:46							
			N19-0.3		9:33							
			N19-0.6		10:00							
			N19-0.9		10:02							
			N20-S		10:04							
			N20-0.3		10:10							
			N20-0.6		10:16							
			N21-S		10:08							
			N21-0.3		10:13							

• TAT starts 8 a.m. following day if samples received after 5 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 <sub>3</sub> S=H <sub>2</sub> SO <sub>4</sub> C=4°C Z=Zn(AC) <sub>2</sub> O=NaOH T=Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub>
Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Teclar G=Glass P=Plastic M=Metal						

# CHAIN OF CUSTODY RECORD



**Advanced Technology  
Laboratories**

3275 Walnut Avenue  
Signal Hill, CA 90807  
(562) 989-4045 • FAX (562) 989-4040

## FOR LABORATORY USE ONLY:

P.O.#: _____	Method of Transport Walk-in <input type="checkbox"/> Courier <input type="checkbox"/> UPS <input type="checkbox"/> FED. EXP. <input type="checkbox"/> ATL <input checked="" type="checkbox"/>	Sample Condition Upon Receipt 1. CHILLED Y <input type="checkbox"/> N <input type="checkbox"/> 4. SEALED Y <input type="checkbox"/> N <input checked="" type="checkbox"/> 2. HEADSPACE (VOA) Y <input type="checkbox"/> N <input type="checkbox"/> 5. # OF SPLS MATCH COC Y <input type="checkbox"/> N <input checked="" type="checkbox"/> 3. CONTAINER INTACT Y <input checked="" type="checkbox"/> N <input type="checkbox"/> 6. PRESERVED Y <input type="checkbox"/> N <input type="checkbox"/>
Logged By: <u>MM</u>	Date: <u>7/10/02</u>	

Client: <b>GEOCON ENVIRONMENTAL - SAN DIEGO</b>	Address: 6970 Flanders Drive	TEL: ( 858 ) 558-6100
Attn: <u>Chris King</u>	City: San Diego State: CA Zip Code: 92121	FAX: ( 858 ) 558-8437

Project Name: <u>Rte 5-N/B</u>	Project #: <u>09100-06.49</u>	Sampler: <u>GCA/CSK</u>	Date: <u>7/10</u> Time: <u>7:00p</u>
Relinquished by: <u>GFA</u>	Date: <u>7-10-02</u>	Time: <u>7:35p</u>	Received by: <u>[Signature]</u>
Relinquished by: <u>[Signature]</u>	Date: <u>7-10-02</u>	Time: <u>7:35p</u>	Received by: <u>[Signature]</u>
Relinquished by: <u>[Signature]</u>	Date: _____	Time: _____	Received by: <u>[Signature]</u>

I hereby authorize ATL to perform the work indicated below: Project Mgr /Submitter: <u>CSK</u> <u>7/10</u> Print Name Date <u>[Signature]</u>	Send Report To: Attn: _____ Co: <u>Client</u> Address _____ City _____ State _____ Zip _____	Bill To: Attn: _____ Co: <u>Client</u> Address _____ City _____ State _____ Zip _____	Special Instructions/Comments: <u>Attached</u>
---	--	---	---

Unless otherwise requested, all samples will be disposed 45 days after receipt.

Sample Archive/Disposal:  
 Laboratory Standard  
 Other \_\_\_\_\_  
 Return To: \_\_\_\_\_

\* \$10.00 FEE PER HAZARDOUS SAMPLE DISPOSAL.

Circle or Add Analysis(es) Requested 8061 / 8082 (Pesticides/PCB-GC) 8260 (Nitrates-GC/MS) 625 / 8270 (BVA-GC/MS) Metals Total (CAC-8070 / 7000) 8015M TPH/BBTEX (COMBINATION) 8015M TPH/D (Diesel-GC) <u>Total Lead 600</u>	CIRCLE APPROPRIATE MATRIX SOLID • SOLID SLUDGE OIL • SOLVENT • LIQUID WATER • WASTEWATER DRINKING WATER AIR WIPE • FILTER OTHER _____	PRESERVATION RTNE <input type="checkbox"/> RWQCB <input type="checkbox"/> WIP <input type="checkbox"/> NAVY <input type="checkbox"/> CT <input checked="" type="checkbox"/> OTHER _____
---	--	---

ITEM	LAB USE ONLY:		Sample Description				TAT	Container(s)		REMARKS
	Batch #:	Lab No.	Sample I.D.	Date	Time	#		Type		
			N21-0.6	7/10	10:17	X	E	1 5 6		
			N21-0.9		10:24					
			N22-5		10:26					
			N22-0.3		10:34					
			N22-0.6		10:42					
			N23-5		10:29					
			N23-0.3		10:36					
			N23-0.6		10:44					
			N24-5		11:00					
			N25-5		11:05					

• TAT starts 8 a.m. following day if samples received after 5 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<sub>3</sub> S=H<sub>2</sub>SO<sub>4</sub> C=4°C    Z=Zn(AC)<sub>2</sub> O=NaOH T=Na<sub>2</sub>S<sub>2</sub>O<sub>3</sub>

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal



# CHAIN OF CUSTODY RECORD



## FOR LABORATORY USE ONLY:

P.O.#: \_\_\_\_\_

Method of Transport: Walk-in  Courier  UPS  FED. EXP.  ATL

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

Logged By: [Signature] Date: 7/10/02 Time: \_\_\_\_\_

Client: **GEOCON ENVIRONMENTAL - SAN DIEGO** Address: 6970 Flanders Drive City: San Diego State: CA Zip Code: 92121 TEL: ( 858 ) 558-6100

Attn: Chris King FAX: ( 858 ) 558-8437

Project Name: Rte 5-NB Project #: 09100-06-49 Sampler: GCA/CSK (Signature) [Signature]

Relinquished by: [Signature] Date: 7/10 Time: 7:30 Received by: [Signature] Date: 7-10-02 Time: 7:00

Relinquished by: [Signature] Date: 7-10-02 Time: 7:35 Received by: [Signature] Date: 7/10/02 Time: 7:35

I hereby authorize ATL to perform the work indicated below: Project Mgr /Submitter: CSK 7/10 Date

Send Report To: Attn: \_\_\_\_\_ Co: Client Address: \_\_\_\_\_ City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Bill To: Attn: \_\_\_\_\_ Co: Client Address: \_\_\_\_\_ City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Special Instructions/Comments: Attached

Unless otherwise requested, all samples will be disposed 45 days after receipt.

Sample Archive/Disposal:  Laboratory Standard  Other  Return To: \_\_\_\_\_

\* \$10.00 FEE PER HAZARDOUS SAMPLE DISPOSAL.

Circle or Add Analysis(es) Requested: Total Lead 6010

CIRCLE APPROPRIATE MATRIX: SOLID  SLUDGE OIL • SOLVENT • LIQUID WATER • WASTEWATER DRINKING WATER AIR WIPE • FILTER OTHER

Container(s): TAT # Type

QA/QC: RTNE  RWQCB  WIP  NAVY  CT  OTHER

ITEM	LAB USE ONLY:		Sample Description			
	Batch #:	Lab No.	Sample I.D.	Date	Time	
		41	N29-S	7/10	11:50	
		42	N29-0.3		12:01	
		43	N30-S		12:00	
		44	N30-0.3		12:08	
		45	N31-S		12:04	
		46	N31-0.3		12:10	
		47	N31-0.6		12:16	
		48	N32-S		12:24	
		49	N32-0.3		12:31	
		50	N32-0.6		12:37	

PRESERVATION	REMARKS	Container(s)	
		TAT	Type
		E	156

• TAT starts 8 a.m. following day if samples received after 5 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<sub>3</sub> S=H<sub>2</sub>SO<sub>4</sub> C=4°C Z=Zn(AC)<sub>2</sub> O=NaOH T=Na<sub>2</sub>S<sub>2</sub>O<sub>3</sub>

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Lot # → Date

# CHAIN OF CUSTODY RECORD



**FOR LABORATORY USE ONLY:**

P.O.#: \_\_\_\_\_

Method of Transport: Walk-in  Courier  UPS  FED. EXP.  ATL

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

Logged By: *[Signature]* Date: 7/10/02 Time: \_\_\_\_\_

Client: GEOCON ENVIRONMENTAL - SAN DIEGO Address: 6970 Flanders Drive TEL: ( 858 ) 558-6100

Attn: Chris King City San Diego State CA Zip Code 92121 FAX: ( 858 ) 558-8437

Project Name: Rte 5-NB Project #: 9100-06-49 Sampler: CSK/GCA (Signature) *[Signature]*

Relinquished by: *[Signature]* Date: 7/10 Time: 7:00 AM Received by: *[Signature]* Date: 7-10-02 Time: 7:00 AM

Relinquished by: *[Signature]* Date: 7-10-02 Time: 7:35 PM Received by: *[Signature]* Date: 7/10/02 Time: 7:35 PM

I hereby authorize ATL to perform the work indicated below: Project Mgr /Submitter: CSK 7/10 (Signature) *[Signature]*

Send Report To: Attn: \_\_\_\_\_ Co: Client Address: Client City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Bill To: Attn: \_\_\_\_\_ Co: Client Address: Client City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Special Instructions/Comments: Attached

Unless otherwise requested, all samples will be disposed 45 days after receipt.

Sample Archive/Disposal:  Laboratory Standard  Other  Return To: \_\_\_\_\_

\* \$10.00 FEE PER HAZARDOUS SAMPLE DISPOSAL.

Circle or Add Analysis(es) Requested	CIRCLE APPROPRIATE MATRIX										PRESERVATION	QA/QC				
	8091 / 8092 (Pesticides/PCB-GC)	8260 (Volatile-C/MS)	625 / 8270 (BVA-GC/MS)	Metals Total (CAC-8010 / 7000)	8015M TPH/BTEX (COMBINATION)	8015M TPH/D (Diesel-GC)	SOLID (SOB) • SLUDGE	OIL • SOLVENT • LIQUID	WATER • WASTEWATER	DRINKING WATER			AIR	WIPE • FILTER	OTHER	TAT

ITEM	LAB USE ONLY:		Sample Description			
	Batch #:	Lab No.	Sample I.D.	Date	Time	
		51	N32-0.9	7/10	12:44	X
		52	N33-S		12:25	
		53	N33-0.3		12:40	
		54	N34-S		12:50	
		55	N34-0.3		12:55	
		56	N34-0.6		1:00	
		57	N35-S		1:50	
		58	N35-0.3		1:02	
		59	N35-0.6		1:10	
		60	N36-S		1:25	

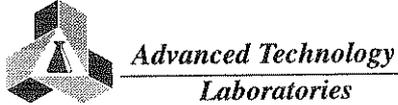
• TAT starts 8 a.m. following day if samples received after 5 p.m.

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<sub>3</sub> S=H<sub>2</sub>SO<sub>4</sub> C=4°C Z=Zn(AC)<sub>2</sub> O=NaOH T=Na<sub>2</sub>S<sub>2</sub>O<sub>3</sub>

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

# CHAIN OF CUSTODY RECORD



3275 Walnut Avenue  
Signal Hill, CA 90807  
(562) 989-4045 • FAX (562) 989-4040

## FOR LABORATORY USE ONLY:

P.O.#: _____	Method of Transport Walk-in <input type="checkbox"/> Courier <input type="checkbox"/> UPS <input type="checkbox"/> FED. EXP. <input type="checkbox"/> ATL <input checked="" type="checkbox"/>	Sample Condition Upon Receipt 1. CHILLED Y <input type="checkbox"/> N <input checked="" type="checkbox"/> 4. SEALED Y <input type="checkbox"/> N <input checked="" type="checkbox"/> 2. HEADSPACE (VOA) Y <input type="checkbox"/> N <input checked="" type="checkbox"/> 5. # OF SPLS MATCH COC Y <input type="checkbox"/> N <input checked="" type="checkbox"/> 3. CONTAINER INTACT Y <input checked="" type="checkbox"/> N <input type="checkbox"/> 6. PRESERVED Y <input type="checkbox"/> N <input type="checkbox"/>
Logged By: <u>[Signature]</u>	Date: <u>7/10/07</u>	

Client: <b>GEOCON ENVIRONMENTAL - SAN DIEGO</b>	Address: 6970 Flanders Drive	TEL: ( 858 ) 558-6100
Attn: <u>Chris King</u>	City: San Diego State: CA Zip Code: 92121	FAX: ( 858 ) 558-8437

Project Name: <u>Rte 5-NB</u>	Project #: <u>09100-06-49</u>	Sampler: <u>[Signature]</u>	(Signature) <u>[Signature]</u>
Relinquished by: <u>[Signature]</u>	Date: <u>7/10</u> Time: <u>7:00</u>	Received by: <u>[Signature]</u>	Date: <u>7-10-07</u> Time: <u>7:00</u>
Relinquished by: <u>[Signature]</u>	Date: <u>7-10-07</u> Time: <u>7:35</u>	Received by: <u>[Signature]</u>	Date: <u>7/10/07</u> Time: <u>7:35</u>
Relinquished by: _____	Date: _____ Time: _____	Received by: _____	Date: _____ Time: _____

I hereby authorize ATL to perform the work indicated below: Project Mgr /Submitter: <u>CSK</u> <u>7/10</u> Print Name Date <u>[Signature]</u>	Send Report To: Attn: _____ Co: <u>Client</u> Address _____ City _____ State _____ Zip _____	Bill To: Attn: _____ Co: <u>Client</u> Address _____ City _____ State _____ Zip _____	Special Instructions/Comments: <u>Attached</u>
--	--	---	---

Unless otherwise requested, all samples will be disposed 45 days after receipt.	Sample Archive/Disposal: <input type="checkbox"/> Laboratory Standard <input type="checkbox"/> Other <input type="checkbox"/> Return To: _____ * \$10.00 FEE PER HAZARDOUS SAMPLE DISPOSAL.	Circle or Add Analysis(es) Requested 808 / 802 (Pesticides/PCB-GC) 820 / 821 (Metals-GC/MS) 825 / 827 (BVA-GC/MS) Metals: Total (CAC-8010 / 7000) 801 SM TPH/BTEX (COMBINATION) 801 SM TPH/D (Diesel/GC) <u>7279 / Lead Gold</u>	CIRCLE APPROPRIATE MATRIX SOLID • <del>SOIL</del> • SLUDGE OIL • SOLVENT • LIQUID WATER • WASTEWATER DRINKING WATER AIR WIPE • FILTER OTHER _____ TAT # _____	PRESERVATION RTNE <input type="checkbox"/> RWQCB <input type="checkbox"/> WIP <input type="checkbox"/> NAVY <input type="checkbox"/> CT <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>	QA/QC REMARKS
I T E M LAB USE ONLY: Batch #: Lab No.	Sample Description Sample I.D.	Date Time	Container(s) # Type		
	61 N36-0.3	7/10 6:30	E 1 J 6		
	62 N36-0.6	1:35			
	63 N36-0.9	6:38			
	64 N37-S	1:44			

• TAT starts 8 a.m. following day if samples received after 5 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 <sub>3</sub> S=H <sub>2</sub> SO <sub>4</sub> C=4°C Z=Zn(AC) <sub>2</sub> O=NaOH T=Na <sub>2</sub> S <sub>2</sub> O <sub>8</sub>
Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal						

# CHAIN OF CUSTODY RECORD



3275 Walnut Avenue  
Signal Hill, CA 90807  
(562) 989-4045 • FAX (562) 989-4040

## FOR LABORATORY USE ONLY:

P.O.#: _____	Method of Transport Walk-in <input type="checkbox"/> Courier <input type="checkbox"/> UPS <input type="checkbox"/> FED. EXP. <input type="checkbox"/> ATL <input checked="" type="checkbox"/>	Sample Condition Upon Receipt 1. CHILLED Y <input type="checkbox"/> N <input type="checkbox"/> 4. SEALED Y <input type="checkbox"/> N <input checked="" type="checkbox"/> 2. HEADSPACE (VOA) Y <input type="checkbox"/> N <input type="checkbox"/> 5. # OF SPLS MATCH COC Y <input checked="" type="checkbox"/> N <input type="checkbox"/> 3. CONTAINER INTACT Y <input checked="" type="checkbox"/> N <input type="checkbox"/> 6. PRESERVED Y <input type="checkbox"/> N <input type="checkbox"/>
Logged By: <u>MM</u>	Date: <u>7/10/02</u>	Time: _____

Client: <b>GEOCON ENVIRONMENTAL - SAN DIEGO</b>	Address: 6970 Flanders Drive	TEL: ( 858 ) 558-6100
Attn: <u>Chris King</u>	City: San Diego State: CA Zip Code: 92121	FAX: ( 858 ) 558-8437

Project Name: <u>Rte 5-NB</u>	Project #: <u>9100-06-49</u>	Sampler: <u>(Printed Name) CSK/GCA</u>	(Signature) <u>[Signature]</u>
Relinquished by: (Signature and Printed Name) <u>[Signature] GCA</u>	Date: <u>7/10</u>	Time: <u>2:00p</u>	Received by: (Signature and Printed Name) <u>[Signature]</u>
Relinquished by: (Signature and Printed Name) <u>[Signature]</u>	Date: <u>7-10-02</u>	Time: <u>7:35p</u>	Received by: (Signature and Printed Name) <u>[Signature]</u>
Relinquished by: (Signature and Printed Name) _____	Date: _____	Time: _____	Received by: (Signature and Printed Name) _____

I hereby authorize ATL to perform the work indicated below: Project Mgr /Submitter: <u>CSK</u> <u>7/10</u> Print Name Date <u>[Signature]</u> Signature	Send Report To: Attn: _____ Co: <u>Client</u> Address _____ City _____ State _____ Zip _____	Bill To: Attn: _____ Co: <u>Client</u> Address _____ City _____ State _____ Zip _____	Special Instructions/Comments:
--	--	---	--------------------------------

Unless otherwise requested, all samples will be disposed 45 days after receipt.	Sample Archive/Disposal: <input type="checkbox"/> Laboratory Standard <input type="checkbox"/> Other _____ <input type="checkbox"/> Return To: _____ * \$10.00 FEE PER HAZARDOUS SAMPLE DISPOSAL.	Circle or Add Analysis(es) Requested 8081 / 8082 (Pesticides/PCB-CC) 8090 (Volatiles-GC/MS) 805 / 8270 (BVA-GC/MS) Metals: Total (CAC-8010 / 7000) 8015M TPH/BTX (COMBINATION) 8015M TPH/D (Diesel-GC) <u>Total Lead &amp; Cd</u>	CIRCLE APPROPRIATE MATRIX SOLID • SOIL • SLUDGE OIL • SOLVENT • LIQUID WATER DRINKING WATER AIR WIFE • FILTER OTHER	Container(s) TAT # Type	PRESERVATION RTNE <input type="checkbox"/> RWOCB <input type="checkbox"/> WIP <input type="checkbox"/> NAVY <input type="checkbox"/> CT <input checked="" type="checkbox"/> OTHER _____	QA/QC REMARKS				
ITEM	LAB USE ONLY: Batch #: Lab No.	Sample Description Sample I.D.	Date	Time						
	65	C6	7/10	10:08	X			E	I P P	
	66	C7		10:16						
	67	C8		11:05						
	68	C9		11:55						
	69	C10		12:40						
	70	C11		1:10						
	71	C12		2:05						

• TAT starts 8 a.m. following day if samples received after 5 p.m.	TAT: A= <input type="checkbox"/> Overnight ≤ 24 hr	B= <input type="checkbox"/> Emergency Next workday	C= <input type="checkbox"/> Critical 2 Workdays	D= <input type="checkbox"/> Urgent 3 Workdays	E= <input type="checkbox"/> Routine 7 Workdays	Preservatives: H=HCl N=HNO <sub>3</sub> S=H <sub>2</sub> SO <sub>4</sub> C=4°C Z=Zn(AC) <sub>2</sub> O=NaOH T=Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub>
Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal						

ATTACHMENT 1  
Advanced Technology Laboratories  
Project Management Checklist

ATL Lab No.: 57871

Client's Name: Geocon

Date Reviewed: 7-30-02

		Yes	No*	N/A	Comments
<b>A</b>	<b>Chain of Custody Items</b>				
1	Client ID's correct?	✓			
2	Date Sampled/Time correct?	✓			
3	Analyses requested correct?	✓			
4	Method Numbers correct?	✓			
5	Project Name correct?	✓			

<b>B</b>	Organic Data Review Sheet included?			✓	
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<b>C</b>	Inorganic Data Review Sheet included?	✓			
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<b>D</b>	<b>Reporting</b>				
1	DLRs correct? (In-house or project specific requirements)	✓			
2	Analyzed/Prepped within holding times (if no, documented on cover letter)	✓			
3	Were spls analyzed using a different method (if yes, documented on cover letter)		✓		

<b>E</b>	<b>Quality Control</b>				
1	Surrogates within project specific requirements?			✓	
2	MS/MSD within project specific requirements?		✓		For 6010 - non-homog matrix inter
3	LCS/LCSD within project specific requirements?	✓			
4	Sample Duplicates within project specific requirements?	✓			
5	Other project specified requirements: _____ _____ _____				

\* For those items checked as "NO" – comments must be included:

Comments:

PM's Approval/Date: P. Mahan / 7-30-02

**Advanced Technology Laboratories**

Date: 7/17/2002

**LEAD BY ICP  
EPA 6010B**

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057871
<b>Project:</b>	Rte 5-NB, 9100-06-49	<b>Date Received:</b>	7/10/2002 7:35:0
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	RQ

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057871-001A	N16-S	600	mg/Kg	9511	5	1	7/10/2002	7/12/2002
057871-002A	N16-0.3	300	mg/Kg	9511	5	1	7/10/2002	7/12/2002
057871-003A	N16-0.6	20	mg/Kg	9511	5	1	7/10/2002	7/12/2002
057871-004A	N16-0.9	11	mg/Kg	9511	5	1	7/10/2002	7/12/2002
057871-005A	N17-S	720	mg/Kg	9511	5	1	7/10/2002	7/12/2002
057871-006A	N17-0.3	540	mg/Kg	9511	5	1	7/10/2002	7/12/2002
057871-007A	N17-0.6	190	mg/Kg	9511	5	1	7/10/2002	7/12/2002
057871-008A	N18-S	1100	mg/Kg	9511	5	1	7/10/2002	7/12/2002
057871-009A	N18-0.3	2000	mg/Kg	9511	5	1	7/10/2002	7/12/2002
057871-010A	N18-0.6	110	mg/Kg	9511	5	1	7/10/2002	7/12/2002
057871-011A	N18-0.9	300	mg/Kg	9511	5	1	7/10/2002	7/12/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



**LEAD BY ICP  
EPA 6010B**

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057871
<b>Project:</b>	Rte 5-NB, 9100-06-49	<b>Date Received:</b>	7/10/2002 7:35:0
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	RQ

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057871-012A	N19-S	1000	mg/Kg	9511	5	1	7/10/2002	7/12/2002
057871-013A	N19-0.3	64	mg/Kg	9511	5	1	7/10/2002	7/12/2002
057871-014A	N19-0.6	9.9	mg/Kg	9511	5	1	7/10/2002	7/12/2002
057871-015A	N19-0.9	9.9	mg/Kg	9511	5	1	7/10/2002	7/12/2002
057871-016A	N20-S	500	mg/Kg	9511	5	1	7/10/2002	7/12/2002
057871-017A	N20-0.3	14	mg/Kg	9511	5	1	7/10/2002	7/12/2002
057871-018A	N20-0.6	130	mg/Kg	9511	5	1	7/10/2002	7/12/2002
057871-019A	N21-S	700	mg/Kg	9511	5	1	7/10/2002	7/12/2002
057871-020A	N21-0.3	400	mg/Kg	9511	5	1	7/10/2002	7/12/2002
057871-021A	N21-0.6	180	mg/Kg	9512	5	1	7/10/2002	7/12/2002
057871-022A	N21-0.9	41	mg/Kg	9512	5	1	7/10/2002	7/12/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



**Advanced Technology Laboratories**

Date: 7/17/2002

**LEAD BY ICP  
EPA 6010B**

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057871
<b>Project:</b>	Rte 5-NB, 9100-06-49	<b>Date Received:</b>	7/10/2002 7:35:0
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	RQ

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057871-023A	N22-S	450	mg/Kg	9512	5	1	7/10/2002	7/12/2002
057871-024A	N22-0.3	310	mg/Kg	9512	5	1	7/10/2002	7/12/2002
057871-025A	N22-0.6	170	mg/Kg	9512	5	1	7/10/2002	7/12/2002
057871-026A	N23-S	120	mg/Kg	9512	5	1	7/10/2002	7/12/2002
057871-027A	N23-0.3	440	mg/Kg	9512	5	1	7/10/2002	7/12/2002
057871-028A	N23-0.6	ND	mg/Kg	9512	5	1	7/10/2002	7/12/2002
057871-029A	N24-S	190	mg/Kg	9512	5	1	7/10/2002	7/12/2002
057871-030A	N25-S	1000	mg/Kg	9512	5	1	7/10/2002	7/12/2002
057871-031A	N25-0.3	810	mg/Kg	9512	5	1	7/10/2002	7/12/2002
057871-032A	N26-S	430	mg/Kg	9512	5	1	7/10/2002	7/12/2002
057871-033A	N26-0.3	40	mg/Kg	9512	5	1	7/10/2002	7/12/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



**Advanced Technology Laboratories**

Date: 7/17/2002

**LEAD BY ICP  
EPA 6010B**

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057871
<b>Project:</b>	Rte 5-NB, 9100-06-49	<b>Date Received:</b>	7/10/2002 7:35:0
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	RQ

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057871-034A	N27-S	180	mg/Kg	9512	5	1	7/10/2002	7/12/2002
057871-035A	N27-0.3	280	mg/Kg	9512	5	1	7/10/2002	7/12/2002
057871-036A	N27-0.6	140	mg/Kg	9512	5	1	7/10/2002	7/12/2002
057871-037A	N27-0.9	11	mg/Kg	9512	5	1	7/10/2002	7/12/2002
057871-038A	N28-S	540	mg/Kg	9512	5	1	7/10/2002	7/12/2002
057871-039A	N28-0.3	580	mg/Kg	9512	5	1	7/10/2002	7/12/2002
057871-040A	N28-0.6	100	mg/Kg	9512	5	1	7/10/2002	7/12/2002
057871-041A	N29-S	190	mg/Kg	9513	5	1	7/10/2002	7/12/2002
057871-042A	N29-0.3	260	mg/Kg	9513	5	1	7/10/2002	7/12/2002
057871-043A	N30-S	1400	mg/Kg	9513	5	1	7/10/2002	7/12/2002
057871-044A	N30-0.3	99	mg/Kg	9513	5	1	7/10/2002	7/12/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



# Advanced Technology Laboratories

Date: 7/17/2002

## LEAD BY ICP EPA 6010B

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057871
<b>Project:</b>	Rte 5-NB, 9100-06-49	<b>Date Received:</b>	7/10/2002 7:35:0
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	RQ

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057871-045A	N31-S	380	mg/Kg	9513	5	1	7/10/2002	7/12/2002
057871-046A	N31-0.3	220	mg/Kg	9513	5	1	7/10/2002	7/12/2002
057871-047A	N31-0.6	20	mg/Kg	9513	5	1	7/10/2002	7/12/2002
057871-048A	N32-S	360	mg/Kg	9513	5	1	7/10/2002	7/12/2002
057871-049A	N32-0.3	1300	mg/Kg	9513	5	1	7/10/2002	7/12/2002
057871-050A	N32-0.6	360	mg/Kg	9513	5	1	7/10/2002	7/12/2002
057871-051A	N32-0.9	520	mg/Kg	9513	5	1	7/10/2002	7/12/2002
057871-052A	N33-S	380	mg/Kg	9513	5	1	7/10/2002	7/12/2002
057871-053A	N33-0.3	340	mg/Kg	9513	5	1	7/10/2002	7/12/2002
057871-054A	N34-S	900	mg/Kg	9513	5	1	7/10/2002	7/12/2002
057871-055A	N34-0.3	430	mg/Kg	9513	5	1	7/10/2002	7/12/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



**LEAD BY ICP  
EPA 6010B**

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057871
<b>Project:</b>	Rte 5-NB, 9100-06-49	<b>Date Received:</b>	7/10/2002 7:35:0
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	RQ

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057871-056A	N34-0.6	42	mg/Kg	9513	5	1	7/10/2002	7/12/2002
057871-057A	N35-S	1600	mg/Kg	9513	5	1	7/10/2002	7/12/2002
057871-058A	N35-0.3	910	mg/Kg	9513	5	1	7/10/2002	7/12/2002
057871-059A	N35-0.6	440	mg/Kg	9513	5	1	7/10/2002	7/12/2002
057871-060A	N36-S	1600	mg/Kg	9513	5	1	7/10/2002	7/12/2002
057871-061A	N36-0.3	10	mg/Kg	9514	5	1	7/10/2002	7/12/2002
057871-062A	N36-0.6	41	mg/Kg	9514	5	1	7/10/2002	7/12/2002
057871-063A	N36-0.9	220	mg/Kg	9514	5	1	7/10/2002	7/12/2002
057871-064A	N37-S	310	mg/Kg	9514	5	1	7/10/2002	7/12/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



ICP METALS  
EPA 6010B

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057871
<b>Project:</b>	Rte 5-NB, 9100-06-49	<b>Date Received:</b>	7/10/2002 7:35:0
<b>Project No:</b>		<b>Matrix:</b>	Water
<b>PO No:</b>		<b>Analyst:</b>	RQ

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057871-065A	C6	0.0061	mg/L	9531	0.005	1	7/10/2002	7/16/2002
057871-066A	C7	0.020	mg/L	9531	0.005	1	7/10/2002	7/16/2002
057871-067A	C8	0.0052	mg/L	9531	0.005	1	7/10/2002	7/16/2002
057871-068A	C9	0.010	mg/L	9531	0.005	1	7/10/2002	7/16/2002
057871-069A	C10	0.0063	mg/L	9531	0.005	1	7/10/2002	7/16/2002
057871-070A	C11	0.0070	mg/L	9531	0.005	1	7/10/2002	7/16/2002
057871-071A	C12	0.0066	mg/L	9531	0.005	1	7/10/2002	7/16/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



pH  
EPA 9045C

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057871
<b>Project:</b>	Rte 5-NB, 9100-06-49	<b>Date Received:</b>	7/10/2002 7:35:0
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	JT

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057871-001A	N16-S	6.70	pH Units	R19397	0.1	1	7/10/2002	7/12/2002
057871-010A	N18-0.6	7.92	pH Units	R19311	0.1	1	7/10/2002	7/11/2002
057871-020A	N21-0.3	7.10	pH Units	R19311	0.1	1	7/10/2002	7/11/2002
057871-030A	N25-S	7.13	pH Units	R19311	0.1	1	7/10/2002	7/11/2002
057871-040A	N28-0.6	6.32	pH Units	R19311	0.1	1	7/10/2002	7/11/2002
057871-050A	N32-0.6	7.93	pH Units	R19311	0.1	1	7/10/2002	7/11/2002
057871-060A	N36-S	7.64	pH Units	R19311	0.1	1	7/10/2002	7/11/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



LEAD BY ATOMIC ABSORPTION  
WET/ EPA 7420

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057871
<b>Project:</b>	Rte 5-NB, 9100-06-49	<b>Date Received:</b>	7/10/2002 7:35:0
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	JT

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057871-001A	N16-S	65	mg/L	9710	1	5	7/10/2002	7/23/2002
057871-002A	N16-0.3	24	mg/L	9710	0.4	2	7/10/2002	7/23/2002
057871-005A	N17-S	79	mg/L	9710	2	10	7/10/2002	7/23/2002
057871-006A	N17-0.3	59	mg/L	9710	1	5	7/10/2002	7/23/2002
057871-007A	N17-0.6	14	mg/L	9710	0.2	1	7/10/2002	7/23/2002
057871-010A	N18-0.6	12	mg/L	9710	0.2	1	7/10/2002	7/23/2002
057871-011A	N18-0.9	48	mg/L	9710	0.8	4	7/10/2002	7/23/2002
057871-013A	N19-0.3	5.6	mg/L	9710	0.2	1	7/10/2002	7/23/2002
057871-016A	N20-S	46	mg/L	9710	0.8	4	7/10/2002	7/23/2002
057871-018A	N20-0.6	15	mg/L	9710	0.2	1	7/10/2002	7/23/2002
057871-019A	N21-S	90	mg/L	9710	2	10	7/10/2002	7/23/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



LEAD BY ATOMIC ABSORPTION  
WET/ EPA 7420

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057871
<b>Project:</b>	Rte 5-NB, 9100-06-49	<b>Date Received:</b>	7/10/2002 7:35:0
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	JT

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057871-020A	N21-0.3	48	mg/L	9710	0.8	4	7/10/2002	7/23/2002
057871-021A	N21-0.6	13	mg/L	9710	0.2	1	7/10/2002	7/23/2002
057871-023A	N22-S	28	mg/L	9710	0.4	2	7/10/2002	7/23/2002
057871-024A	N22-0.3	36	mg/L	9710	0.8	4	7/10/2002	7/23/2002
057871-025A	N22-0.6	14	mg/L	9710	0.2	1	7/10/2002	7/23/2002
057871-026A	N23-S	19	mg/L	9710	0.4	2	7/10/2002	7/23/2002
057871-027A	N23-0.3	34	mg/L	9710	0.8	4	7/10/2002	7/23/2002
057871-029A	N24-S	24	mg/L	9710	0.4	2	7/10/2002	7/23/2002
057871-031A	N25-0.3	100	mg/L	9711	2	10	7/10/2002	7/23/2002
057871-032A	N26-S	47	mg/L	9711	0.8	4	7/10/2002	7/23/2002
057871-034A	N27-S	20	mg/L	9711	0.4	2	7/10/2002	7/23/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



LEAD BY ATOMIC ABSORPTION  
WET/ EPA 7420

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057871
<b>Project:</b>	Rte 5-NB, 9100-06-49	<b>Date Received:</b>	7/10/2002 7:35:0
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	JT

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057871-035A	N27-0.3	27	mg/L	9711	0.4	2	7/10/2002	7/23/2002
057871-036A	N27-0.6	12	mg/L	9711	0.2	1	7/10/2002	7/23/2002
057871-038A	N28-S	67	mg/L	9711	1	5	7/10/2002	7/23/2002
057871-039A	N28-0.3	63	mg/L	9711	1	5	7/10/2002	7/23/2002
057871-040A	N28-0.6	7.5	mg/L	9711	0.2	1	7/10/2002	7/23/2002
057871-041A	N29-S	14	mg/L	9711	0.2	1	7/10/2002	7/23/2002
057871-042A	N29-0.3	140	mg/L	9711	2	10	7/10/2002	7/23/2002
057871-044A	N30-0.3	2.4	mg/L	9711	0.2	1	7/10/2002	7/23/2002
057871-045A	N31-S	46	mg/L	9711	0.8	4	7/10/2002	7/23/2002
057871-046A	N31-0.3	24	mg/L	9711	0.4	2	7/10/2002	7/23/2002
057871-048A	N32-S	26	mg/L	9711	0.4	2	7/10/2002	7/23/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



LEAD BY ATOMIC ABSORPTION  
WET/ EPA 7420

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057871
<b>Project:</b>	Rte 5-NB, 9100-06-49	<b>Date Received:</b>	7/10/2002 7:35:0
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	JT

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057871-050A	N32-0.6	37	mg/L	9711	0.8	4	7/10/2002	7/23/2002
057871-051A	N32-0.9	35	mg/L	9711	0.8	4	7/10/2002	7/23/2002
057871-052A	N33-S	46	mg/L	9711	0.8	4	7/10/2002	7/23/2002
057871-053A	N33-0.3	43	mg/L	9711	0.8	4	7/10/2002	7/23/2002
057871-054A	N34-S	87	mg/L	9711	2	10	7/10/2002	7/23/2002
057871-055A	N34-0.3	46	mg/L	9711	0.8	4	7/10/2002	7/23/2002
057871-058A	N35-0.3	89	mg/L	9712	2	10	7/10/2002	7/23/2002
057871-059A	N35-0.6	37	mg/L	9712	0.8	4	7/10/2002	7/23/2002
057871-063A	N36-0.9	13	mg/L	9712	0.2	1	7/10/2002	7/23/2002
057871-064A	N37-S	44	mg/L	9712	0.8	4	7/10/2002	7/23/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



LEAD BY ATOMIC ABSORPTION  
EPA 1311/ 7420

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057871
<b>Project:</b>	Rte 5-NB, 9100-06-49	<b>Date Received:</b>	7/10/2002 7:35:0
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	JT

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057871-008A	N18-S	1.6	mg/L	9759	0.2	1	7/10/2002	7/24/2002
057871-009A	N18-0.3	27	mg/L	9759	0.4	2	7/10/2002	7/24/2002
057871-012A	N19-S	1.5	mg/L	9759	0.2	1	7/10/2002	7/24/2002
057871-030A	N25-S	3.1	mg/L	9759	0.2	1	7/10/2002	7/24/2002
057871-043A	N30-S	3.8	mg/L	9759	0.2	1	7/10/2002	7/24/2002
057871-049A	N32-0.3	8.0	mg/L	9759	0.2	1	7/10/2002	7/24/2002
057871-057A	N35-S	1.3	mg/L	9759	0.2	1	7/10/2002	7/24/2002
057871-060A	N36-S	5.2	mg/L	9759	0.2	1	7/10/2002	7/24/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



**LEAD BY ATOMIC ABSORPTION  
WET DI/ EPA 7420**

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057871
<b>Project:</b>	Rte 5-NB, 9100-06-49	<b>Date Received:</b>	7/10/2002 7:35:0
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	JT

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057871-001A	N16-S	0.68	mg/L	9670	0.2	1	7/10/2002	7/22/2002
057871-002A	N16-0.3	0.52	mg/L	9670	0.2	1	7/10/2002	7/22/2002
057871-005A	N17-S	1.1	mg/L	9670	0.2	1	7/10/2002	7/22/2002
057871-006A	N17-0.3	0.81	mg/L	9670	0.2	1	7/10/2002	7/22/2002
057871-007A	N17-0.6	0.22	mg/L	9670	0.2	1	7/10/2002	7/22/2002
057871-010A	N18-0.6	1.5	mg/L	9670	0.2	1	7/10/2002	7/22/2002
057871-011A	N18-0.9	3.2	mg/L	9670	0.2	1	7/10/2002	7/22/2002
057871-013A	N19-0.3	ND	mg/L	9670	0.2	1	7/10/2002	7/22/2002
057871-016A	N20-S	0.29	mg/L	9670	0.2	1	7/10/2002	7/22/2002
057871-018A	N20-0.6	0.29	mg/L	9670	0.2	1	7/10/2002	7/22/2002
057871-019A	N21-S	0.42	mg/L	9670	0.2	1	7/10/2002	7/22/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



LEAD BY ATOMIC ABSORPTION  
WET DI/ EPA 7420

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057871
<b>Project:</b>	Rte 5-NB, 9100-06-49	<b>Date Received:</b>	7/10/2002 7:35:0
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	JT

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057871-020A	N21-0.3	0.48	mg/L	9670	0.2	1	7/10/2002	7/22/2002
057871-021A	N21-0.6	0.21	mg/L	9670	0.2	1	7/10/2002	7/22/2002
057871-023A	N22-S	0.23	mg/L	9671	0.2	1	7/10/2002	7/22/2002
057871-024A	N22-0.3	0.79	mg/L	9671	0.2	1	7/10/2002	7/22/2002
057871-025A	N22-0.6	ND	mg/L	9671	0.2	1	7/10/2002	7/22/2002
057871-026A	N23-S	ND	mg/L	9671	0.2	1	7/10/2002	7/22/2002
057871-027A	N23-0.3	1.4	mg/L	9671	0.2	1	7/10/2002	7/22/2002
057871-029A	N24-S	ND	mg/L	9671	0.2	1	7/10/2002	7/22/2002
057871-031A	N25-0.3	3.6	mg/L	9671	0.2	1	7/10/2002	7/22/2002
057871-032A	N26-S	0.36	mg/L	9671	0.2	1	7/10/2002	7/22/2002
057871-034A	N27-S	ND	mg/L	9671	0.2	1	7/10/2002	7/22/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



LEAD BY ATOMIC ABSORPTION  
WET DI/ EPA 7420

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057871
<b>Project:</b>	Rte 5-NB, 9100-06-49	<b>Date Received:</b>	7/10/2002 7:35:0
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	JT

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057871-035A	N27-0.3	1.5	mg/L	9671	0.2	1	7/10/2002	7/22/2002
057871-036A	N27-0.6	ND	mg/L	9671	0.2	1	7/10/2002	7/22/2002
057871-038A	N28-S	0.37	mg/L	9671	0.2	1	7/10/2002	7/22/2002
057871-039A	N28-0.3	1.4	mg/L	9671	0.2	1	7/10/2002	7/22/2002
057871-040A	N28-0.6	ND	mg/L	9671	0.2	1	7/10/2002	7/22/2002
057871-041A	N29-S	ND	mg/L	9671	0.2	1	7/10/2002	7/22/2002
057871-042A	N29-0.3	7.3	mg/L	9671	0.2	1	7/10/2002	7/22/2002
057871-045A	N31-S	1.1	mg/L	9671	0.2	1	7/10/2002	7/22/2002
057871-046A	N31-0.3	0.28	mg/L	9671	0.2	1	7/10/2002	7/22/2002
057871-048A	N32-S	ND	mg/L	9671	0.2	1	7/10/2002	7/22/2002
057871-050A	N32-0.6	3.4	mg/L	9672	0.2	1	7/10/2002	7/22/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



**LEAD BY ATOMIC ABSORPTION  
WET DI/ EPA 7420**

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057871
<b>Project:</b>	Rte 5-NB, 9100-06-49	<b>Date Received:</b>	7/10/2002 7:35:0
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	JT

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057871-051A	N32-0.9	1.9	mg/L	9672	0.2	1	7/10/2002	7/22/2002
057871-052A	N33-S	0.44	mg/L	9672	0.2	1	7/10/2002	7/22/2002
057871-053A	N33-0.3	ND	mg/L	9672	0.2	1	7/10/2002	7/22/2002
057871-054A	N34-S	0.28	mg/L	9672	0.2	1	7/10/2002	7/22/2002
057871-055A	N34-0.3	0.61	mg/L	9672	0.2	1	7/10/2002	7/22/2002
057871-058A	N35-0.3	0.91	mg/L	9672	0.2	1	7/10/2002	7/22/2002
057871-059A	N35-0.6	0.38	mg/L	9672	0.2	1	7/10/2002	7/22/2002
057871-063A	N36-0.9	0.36	mg/L	9672	0.2	1	7/10/2002	7/22/2002
057871-064A	N37-S	0.87	mg/L	9672	0.2	1	7/10/2002	7/22/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



# Advanced Technology Laboratories

Date: 30-Jul-02

CLIENT: Geocon Environmental

Client Sample ID: N18-0.3

Lab Order: 057871

Project: Rte 5-NB, 9100-06-49

Collection Date: 7/10/2002

Lab ID: 057871-009A

Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
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## ICP METALS

(EPA 3050A)

EPA 6010B

RunID: ICP2\_020729C

QC Batch: 9916

Analyst: RQ

Antimony	1.5	0.25		mg/Kg	1	7/29/2002
Arsenic	9.5	0.25		mg/Kg	1	7/29/2002
Barium	240	0.15		mg/Kg	1	7/29/2002
Beryllium	ND	0.15		mg/Kg	1	7/29/2002
Cadmium	ND	0.15		mg/Kg	1	7/29/2002
Chromium	16	0.15		mg/Kg	1	7/29/2002
Cobalt	5.0	0.15		mg/Kg	1	7/29/2002
Copper	150	0.15		mg/Kg	1	7/29/2002
Lead	5000	5.0		mg/Kg	20	7/29/2002
Molybdenum	2.0	0.25		mg/Kg	1	7/29/2002
Nickel	15	0.15		mg/Kg	1	7/29/2002
Selenium	ND	0.25		mg/Kg	1	7/29/2002
Silver	0.34	0.15		mg/Kg	1	7/29/2002
Thallium	1.0	0.25		mg/Kg	1	7/29/2002
Vanadium	22	0.15		mg/Kg	1	7/29/2002
Zinc	410	0.50		mg/Kg	1	7/29/2002

## MERCURY BY COLD VAPOR TECHNIQUE

(EPA 7471)

EPA 7471A

RunID: AA1\_020729A

QC Batch: 9919

Analyst: NS

Mercury	ND	0.10		mg/Kg	1	7/29/2002
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**Qualifiers:** ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 DO - Surrogate Diluted Out

S - Spike/Surrogate outside of limits due to matrix interfere  
 H - Sample exceeded analytical holding time  
 E - Value above quantitation range  
 Results are wet unless otherwise specified

Page 1 of 1





Advanced Technology Laboratories

Date: 17-Jul-02

CLIENT: Geocon Environmental  
Work Order: 057871  
Project: Rte 5-NB, 9100-06-49

**ANALYTICAL QC SUMMARY REPORT**

TestCode: 6010\_SPB

Sample ID	MB-9511A	SampType: MBLK	TestCode: 6010_SPB	Units: mg/Kg	Prep Date: 7/12/2002	Run ID: ICP5_020712F
Client ID:	ZZZZZ	Batch ID: 9511	TestNo: EPA 6010B	(EPA 3050M)	Analysis Date: 7/12/2002	SeqNo: 298444
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Lead		ND	5.0			
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Sample ID	MB-9511B	SampType: MBLK	TestCode: 6010_SPB	Units: mg/Kg	Prep Date: 7/12/2002	Run ID: ICP5_020712F
Client ID:	ZZZZZ	Batch ID: 9511	TestNo: EPA 6010B	(EPA 3050M)	Analysis Date: 7/12/2002	SeqNo: 298445
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Lead		ND	5.0			
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Sample ID	MB-9513A	SampType: MBLK	TestCode: 6010_SPB	Units: mg/Kg	Prep Date: 7/12/2002	Run ID: ICP5_020712G
Client ID:	ZZZZZ	Batch ID: 9513	TestNo: EPA 6010B	(EPA 3050M)	Analysis Date: 7/12/2002	SeqNo: 298472
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Lead		ND	5.0			
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Sample ID	MB-9513B	SampType: MBLK	TestCode: 6010_SPB	Units: mg/Kg	Prep Date: 7/12/2002	Run ID: ICP5_020712G
Client ID:	ZZZZZ	Batch ID: 9513	TestNo: EPA 6010B	(EPA 3050M)	Analysis Date: 7/12/2002	SeqNo: 298473
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Lead		0.3135	5.0			
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Sample ID	MB-9512A	SampType: MBLK	TestCode: 6010_SPB	Units: mg/Kg	Prep Date: 7/12/2002	Run ID: ICP5_020712H
Client ID:	ZZZZZ	Batch ID: 9512	TestNo: EPA 6010B	(EPA 3050M)	Analysis Date: 7/12/2002	SeqNo: 298550
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Lead		ND	5.0			
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**Qualifiers:** ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits B - Analyte detected in the associated Method Blank H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits Calculations are based on raw values



CLIENT: Geocon Environmental  
Work Order: 057871  
Project: Rte 5-NB, 9100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 6010\_SPB

Sample ID	MB-9512B	SampType:	MBLK	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/12/2002	Run ID:	ICP5_020712H			
Client ID:	ZZZZZ	Batch ID:	9512	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/12/2002	SeqNo:	298551			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead ND 5.0

Sample ID	MB-9514A	SampType:	MBLK	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/12/2002	Run ID:	ICP5_020712I			
Client ID:	ZZZZZ	Batch ID:	9514	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/12/2002	SeqNo:	298560			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 0.3585 5.0 0 0 0 0 0 0 0 0

Sample ID	LCS-9511	SampType:	LCS	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/12/2002	Run ID:	ICP5_020712F			
Client ID:	ZZZZZ	Batch ID:	9511	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/12/2002	SeqNo:	298443			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 227.4 5.0 250 0 91 80 120 0 0

Sample ID	LCS-9513	SampType:	LCS	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/12/2002	Run ID:	ICP5_020712G			
Client ID:	ZZZZZ	Batch ID:	9513	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/12/2002	SeqNo:	298471			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 208.7 5.0 250 0 83.5 80 120 0 0

Sample ID	LCS-9512	SampType:	LCS	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/12/2002	Run ID:	ICP5_020712H			
Client ID:	ZZZZZ	Batch ID:	9512	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/12/2002	SeqNo:	298549			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 220.7 5.0 250 0 88.3 80 120 0 0

Qualifiers: ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO - Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



CLIENT: Geocon Environmental  
Work Order: 057871  
Project: Rte 5-NB, 9100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 6010\_SPB

Sample ID	LCS-9514	SampType:	LCS	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/12/2002	Run ID:	ICP5_020712I		
Client ID:	ZZZZZ	Batch ID:	9514	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/12/2002	SeqNo:	298559		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead		212.8	5.0	250	0	85.1	80	120	0	0		
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Sample ID	057871-010AMS	SampType:	MS	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/12/2002	Run ID:	ICP5_020712F		
Client ID:	N18-0.6	Batch ID:	9511	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/12/2002	SeqNo:	298429		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead		250.1	5.0	250	107.3	57.1	47	128	0	0		
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Sample ID	057871-020AMS	SampType:	MS	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/12/2002	Run ID:	ICP5_020712F		
Client ID:	N21-0.3	Batch ID:	9511	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/12/2002	SeqNo:	298441		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead		739.2	5.0	250	399.7	136	47	128	0	0		S
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Sample ID	057871-050AMS	SampType:	MS	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/12/2002	Run ID:	ICP5_020712G		
Client ID:	N32-0.6	Batch ID:	9513	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/12/2002	SeqNo:	298457		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead		527.3	5.0	250	357.1	68.1	47	128	0	0		
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Sample ID	057871-060AMS	SampType:	MS	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/12/2002	Run ID:	ICP5_020712G		
Client ID:	N36-S	Batch ID:	9513	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/12/2002	SeqNo:	298469		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead		1141	5.0	250	1626	-194	47	128	0	0		S
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Qualifiers: ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



CLIENT: Geocon Environmental  
Work Order: 057871  
Project: Rte 5-NB, 9100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 6010\_SPB

Sample ID	057871-030AMS	SampType:	MS	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/12/2002	Run ID:	ICP5_020712H
Client ID:	N25-S	Batch ID:	9512	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/12/2002	SeqNo:	298535
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	1187	5.0	250	1012	70.1	47	128	0	0		
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Sample ID	057871-040AMS	SampType:	MS	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/12/2002	Run ID:	ICP5_020712H
Client ID:	N28-0.6	Batch ID:	9512	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/12/2002	SeqNo:	298547
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	254.6	5.0	250	100.4	61.7	47	128	0	0		
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Sample ID	057871-064AMS	SampType:	MS	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/12/2002	Run ID:	ICP5_020712I
Client ID:	N37-S	Batch ID:	9514	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/12/2002	SeqNo:	298557
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	452.5	5.0	250	306.4	58.5	47	128	0	0		
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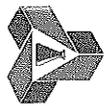
Sample ID	057871-010ADUP	SampType:	DUP	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/12/2002	Run ID:	ICP5_020712F
Client ID:	N18-0.6	Batch ID:	9511	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/12/2002	SeqNo:	298428
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	123.6	5.0	0	0	0	0	0	107.3	14.1	30	
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Sample ID	057871-020ADUP	SampType:	DUP	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/12/2002	Run ID:	ICP5_020712F
Client ID:	N21-0.3	Batch ID:	9511	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/12/2002	SeqNo:	298440
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	506.8	5.0	0	0	0	0	0	399.7	23.6	30	
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Qualifiers: ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



CLIENT: Geocon Environmental  
Work Order: 057871  
Project: Rte 5-NB, 9100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 6010\_SPB

Sample ID	057871-050ADUP	SampType:	DUP	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/12/2002	Run ID:	ICP5_020712G		
Client ID:	N32-0.6	Batch ID:	9513	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/12/2002	SeqNo:	298456		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 482.3 5.0 0 0 0 0 0 0 357.1 29.8 30

Sample ID	057871-060ADUP	SampType:	DUP	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/12/2002	Run ID:	ICP5_020712G		
Client ID:	N36-S	Batch ID:	9513	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/12/2002	SeqNo:	298468		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 1205 5.0 0 0 0 0 0 0 1626 29.8 30

Sample ID	057871-030ADUP	SampType:	DUP	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/12/2002	Run ID:	ICP5_020712H		
Client ID:	N25-S	Batch ID:	9512	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/12/2002	SeqNo:	298534		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 995.7 5.0 0 0 0 0 0 0 1012 1.64 30

Sample ID	057871-040ADUP	SampType:	DUP	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/12/2002	Run ID:	ICP5_020712H		
Client ID:	N28-0.6	Batch ID:	9512	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/12/2002	SeqNo:	298546		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 87.98 5.0 0 0 0 0 0 0 100.4 13.2 30

Sample ID	057871-064ADUP	SampType:	DUP	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/12/2002	Run ID:	ICP5_020712I		
Client ID:	N37-S	Batch ID:	9514	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/12/2002	SeqNo:	298556		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 370.5 5.0 0 0 0 0 0 0 306.4 18.9 30

Qualifiers: ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO - Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



CLIENT: Geocon Environmental  
Work Order: 057871  
Project: Rte 5-NB, 9100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 6010\_WPB

Sample ID <b>MB-9531</b>	SampType: <b>MBLK</b>	TestCode: <b>6010_WPB</b>	Units: <b>mg/L</b>	Prep Date: <b>7/12/2002</b>	Run ID: <b>ICP5_020716B</b>						
Client ID: <b>ZZZZZ</b>	Batch ID: <b>9531</b>	TestNo: <b>EPA 6010B (EPA 3010A)</b>		Analysis Date: <b>7/16/2002</b>	SeqNo: <b>299380</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 0.004517 0.0050

Sample ID <b>LCS-9531</b>	SampType: <b>LCS</b>	TestCode: <b>6010_WPB</b>	Units: <b>mg/L</b>	Prep Date: <b>7/12/2002</b>	Run ID: <b>ICP5_020716B</b>						
Client ID: <b>ZZZZZ</b>	Batch ID: <b>9531</b>	TestNo: <b>EPA 6010B (EPA 3010A)</b>		Analysis Date: <b>7/16/2002</b>	SeqNo: <b>299379</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 1.057 0.0050 1 0 106 80 120 0 0

Sample ID <b>057871-071AMS</b>	SampType: <b>MS</b>	TestCode: <b>6010_WPB</b>	Units: <b>mg/L</b>	Prep Date: <b>7/12/2002</b>	Run ID: <b>ICP5_020716B</b>						
Client ID: <b>C12</b>	Batch ID: <b>9531</b>	TestNo: <b>EPA 6010B (EPA 3010A)</b>		Analysis Date: <b>7/16/2002</b>	SeqNo: <b>299376</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 2.579 0.0050 2.5 0.006592 103 66 118 0 0

Sample ID <b>057871-071ADUP</b>	SampType: <b>DUP</b>	TestCode: <b>6010_WPB</b>	Units: <b>mg/L</b>	Prep Date: <b>7/12/2002</b>	Run ID: <b>ICP5_020716B</b>						
Client ID: <b>C12</b>	Batch ID: <b>9531</b>	TestNo: <b>EPA 6010B (EPA 3010A)</b>		Analysis Date: <b>7/16/2002</b>	SeqNo: <b>299375</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 0.005925 0.0050 0 0 0 0 0 0.006592 10.7 30

Qualifiers: ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



**CLIENT:** Geocon Environmental  
**Work Order:** 057871  
**Project:** Rte 5-NB, 9100-06-49

### ANALYTICAL QC SUMMARY REPORT

**TestCode:** 9045\_S

Sample ID	<b>057872-040ADUP</b>	SampType:	<b>DUP</b>	TestCode:	<b>9045_S</b>	Units:	<b>pH Units</b>	Prep Date:	<b>7/11/2002</b>	Run ID:	<b>WETCHEM_020711D</b>		
Client ID:	<b>ZZZZZ</b>	Batch ID:	<b>R19311</b>	TestNo:	<b>EPA 9045C</b>			Analysis Date:	<b>7/11/2002</b>	SeqNo:	<b>297628</b>		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

pH		7.02		0.10	0	0	0	0	0	7.14	1.69	20	
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Sample ID	<b>057872-001ADUP</b>	SampType:	<b>DUP</b>	TestCode:	<b>9045_S</b>	Units:	<b>pH Units</b>	Prep Date:	<b>7/12/2002</b>	Run ID:	<b>WETCHEM_020712B</b>		
Client ID:	<b>ZZZZZ</b>	Batch ID:	<b>R19397</b>	TestNo:	<b>EPA 9045C</b>			Analysis Date:	<b>7/12/2002</b>	SeqNo:	<b>298954</b>		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

pH		6.64		0.10	0	0	0	0	0	6.73	1.35	20	
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**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



Advanced Technology Laboratories

Date: 24-Jul-02

CLIENT: Geocon Environmental
Work Order: 057871
Project: Rte 5-NB, 9100-06-49

ANALYTICAL QC SUMMARY REPORT

TestCode: 7420\_ST

Table with 13 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, Analysis Date, SeqNo, Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual. Row 1: MB-9710, MBLK, 7420\_ST, mg/L, 7/23/2002, AA2\_020723I, ZZZZZ, 9710, WET/ EPA 74 (WET), 7/23/2002, 304598, Lead, ND, 0.20

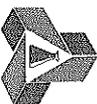
Table with 13 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, Analysis Date, SeqNo, Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual. Row 1: MB-9710A, MBLK, 7420\_ST, mg/L, 7/19/2002, AA2\_020723I, ZZZZZ, 9710, WET/ EPA 74 (WET), 7/23/2002, 304599, Lead, ND, 0.20

Table with 13 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, Analysis Date, SeqNo, Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual. Row 1: MB-9710B, MBLK, 7420\_ST, mg/L, 7/19/2002, AA2\_020723I, ZZZZZ, 9710, WET/ EPA 74 (WET), 7/23/2002, 304612, Lead, ND, 0.20

Table with 13 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, Analysis Date, SeqNo, Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual. Row 1: MB-9711, MBLK, 7420\_ST, mg/L, 7/23/2002, AA2\_020723J, ZZZZZ, 9711, WET/ EPA 74 (WET), 7/23/2002, 304627, Lead, 0.07967, 0.20

Table with 13 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, Analysis Date, SeqNo, Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual. Row 1: MB-9711A, MBLK, 7420\_ST, mg/L, 7/19/2002, AA2\_020723J, ZZZZZ, 9711, WET/ EPA 74 (WET), 7/23/2002, 304628, Lead, ND, 0.20

Qualifiers: ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits DO- Surrogate dilute out
J - Analyte detected below quantitation limits B - Analyte detected in the associated Method Blank H - Sample exceeded holding time
R - RPD outside accepted recovery limits Calculations are based on raw values



CLIENT: Geocon Environmental  
Work Order: 057871  
Project: Rte 5-NB, 9100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 7420\_ST

Sample ID	MB-9712	SampType:	MBLK	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020723K			
Client ID:	ZZZZZ	Batch ID:	9712	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/23/2002	SeqNo:	304656			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead ND 0.20

Sample ID	MB-9712A	SampType:	MBLK	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/19/2002	Run ID:	AA2_020723K			
Client ID:	ZZZZZ	Batch ID:	9712	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/23/2002	SeqNo:	304657			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead ND 0.20

Sample ID	MB-9712B	SampType:	MBLK	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/19/2002	Run ID:	AA2_020723K			
Client ID:	ZZZZZ	Batch ID:	9712	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/23/2002	SeqNo:	304670			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 0.08661 0.20

Sample ID	MB-9711B	SampType:	MBLK	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/19/2002	Run ID:	AA2_020723J			
Client ID:	ZZZZZ	Batch ID:	9711	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/23/2002	SeqNo:	304693			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead ND 0.20

Sample ID	LCS-9710	SampType:	LCS	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020723I			
Client ID:	ZZZZZ	Batch ID:	9710	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/23/2002	SeqNo:	304626			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 7.318 0.20 7.5 0 97.6 80 120 0 0

Qualifiers: ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



CLIENT: Geocon Environmental  
Work Order: 057871  
Project: Rte 5-NB, 9100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 7420\_ST

Sample ID	LCS-9711	SampType:	LCS	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020723J			
Client ID:	ZZZZZ	Batch ID:	9711	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/23/2002	SeqNo:	304655			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead		7.169		0.20	7.5	0		95.6	80	120	0	0	
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Sample ID	LCS-9712	SampType:	LCS	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020723K			
Client ID:	ZZZZZ	Batch ID:	9712	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/23/2002	SeqNo:	304684			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead		7.072		0.20	7.5	0		94.3	80	120	0	0	
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Sample ID	057871-016AMS	SampType:	MS	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020723I			
Client ID:	N20-S	Batch ID:	9710	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/23/2002	SeqNo:	304611			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead		78.61		1.2	30	45.64		110	80	120	0	0	
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Sample ID	057871-029AMS	SampType:	MS	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020723I			
Client ID:	N24-S	Batch ID:	9710	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/23/2002	SeqNo:	304624			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead		43.21		0.80	20	24.12		95.5	80	120	0	0	
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Sample ID	057871-042AMS	SampType:	MS	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020723J			
Client ID:	N29-0.3	Batch ID:	9711	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/23/2002	SeqNo:	304640			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead		231		4.0	100	135.5		95.5	80	120	0	0	
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Qualifiers: ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



**CLIENT:** Geocon Environmental  
**Work Order:** 057871  
**Project:** Rte 5-NB, 9100-06-49

### ANALYTICAL QC SUMMARY REPORT

**TestCode:** 7420\_ST

Sample ID	057871-055AMS	SampType:	MS	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020723J
Client ID:	N34-0.3	Batch ID:	9711	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/23/2002	SeqNo:	304653
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	68.68	1.0	25	46.19	89.9	80	120	0	0		
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Sample ID	057872-009AMS	SampType:	MS	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020723K
Client ID:	ZZZZZ	Batch ID:	9712	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/23/2002	SeqNo:	304669
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	44.51	0.80	20	24.78	98.7	80	120	0	0		
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Sample ID	057872-026AMS	SampType:	MS	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020723K
Client ID:	ZZZZZ	Batch ID:	9712	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/23/2002	SeqNo:	304682
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	12.35	0.20	5	8.343	80.2	80	120	0	0		
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Sample ID	057871-016ADUP	SampType:	DUP	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/19/2002	Run ID:	AA2_020723I
Client ID:	N20-S	Batch ID:	9710	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/23/2002	SeqNo:	304610
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	45.61	0.80	0	0	0	0	0	45.64	0.0666	30	
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Sample ID	057871-029ADUP	SampType:	DUP	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/19/2002	Run ID:	AA2_020723I
Client ID:	N24-S	Batch ID:	9710	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/23/2002	SeqNo:	304623
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	24.13	0.40	0	0	0	0	0	24.12	0.0431	30	
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**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



CLIENT: Geocon Environmental  
Work Order: 057871  
Project: Rte 5-NB, 9100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 7420\_ST

Sample ID: 057871-042ADUP	SampType: DUP	TestCode: 7420_ST	Units: mg/L	Prep Date: 7/19/2002	Run ID: AA2_020723J						
Client ID: N29-0.3	Batch ID: 9711	TestNo: WET/ EPA 74 (WET)		Analysis Date: 7/23/2002	SeqNo: 304639						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	141.3	2.0	0	0	0	0	0	135.5	4.15	30
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Sample ID: 057871-055ADUP	SampType: DUP	TestCode: 7420_ST	Units: mg/L	Prep Date: 7/19/2002	Run ID: AA2_020723J						
Client ID: N34-0.3	Batch ID: 9711	TestNo: WET/ EPA 74 (WET)		Analysis Date: 7/23/2002	SeqNo: 304652						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	49	0.80	0	0	0	0	0	46.19	5.90	30
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Sample ID: 057872-009ADUP	SampType: DUP	TestCode: 7420_ST	Units: mg/L	Prep Date: 7/19/2002	Run ID: AA2_020723K						
Client ID: ZZZZZ	Batch ID: 9712	TestNo: WET/ EPA 74 (WET)		Analysis Date: 7/23/2002	SeqNo: 304668						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	23.55	0.40	0	0	0	0	0	24.78	5.08	30
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Sample ID: 057872-026ADUP	SampType: DUP	TestCode: 7420_ST	Units: mg/L	Prep Date: 7/19/2002	Run ID: AA2_020723K						
Client ID: ZZZZZ	Batch ID: 9712	TestNo: WET/ EPA 74 (WET)		Analysis Date: 7/23/2002	SeqNo: 304681						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	8.295	0.20	0	0	0	0	0	8.343	0.576	30
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Qualifiers: ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



Advanced Technology Laboratories

Date: 24-Jul-02

CLIENT: Geocon Environmental
Work Order: 057871
Project: Rte 5-NB, 9100-06-49

ANALYTICAL QC SUMMARY REPORT

TestCode: 7420\_TC

Table with 12 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, Analysis Date, SeqNo, Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual. Row 1: MB-9759, MBLK, 7420\_TC, mg/L, 7/22/2002, AA2\_020724G, ZZZZZ, 9759, EPA 1311/ 74 (EPA 3010A), 7/24/2002, 304789, Lead, 0.06796, 0.20, J

Table with 12 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, Analysis Date, SeqNo, Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual. Row 1: MB-9700-TCLP, MBLK, 7420\_TC, mg/L, 7/22/2002, AA2\_020724G, ZZZZZ, 9759, EPA 1311/ 74 (EPA 3010A), 7/24/2002, 304790, Lead, 0.04971, 0.20, J

Table with 12 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, Analysis Date, SeqNo, Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual. Row 1: LCS-9759, LCS, 7420\_TC, mg/L, 7/22/2002, AA2\_020724G, ZZZZZ, 9759, EPA 1311/ 74 (EPA 3010A), 7/24/2002, 304804, Lead, 1.094, 0.20, 1, 0, 109, 80, 120, 0, 0

Table with 12 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, Analysis Date, SeqNo, Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual. Row 1: 057872-075AMS, MS, 7420\_TC, mg/L, 7/22/2002, AA2\_020724G, ZZZZZ, 9759, EPA 1311/ 74 (EPA 3010A), 7/24/2002, 304802, Lead, 3.317, 0.20, 2.5, 0.5134, 112, 80, 120, 0, 0

Table with 12 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, Analysis Date, SeqNo, Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual. Row 1: 057872-075ADUP, DUP, 7420\_TC, mg/L, 7/22/2002, AA2\_020724G, ZZZZZ, 9759, EPA 1311/ 74 (EPA 3010A), 7/24/2002, 304801, Lead, 0.532, 0.20, 0, 0, 0, 0, 0, 0.5134, 3.55, 30

Qualifiers: ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits DO- Surrogate dilute out
J - Analyte detected below quantitation limits B - Analyte detected in the associated Method Blank H - Sample exceeded holding time
R - RPD outside accepted recovery limits Calculations are based on raw values



Advanced Technology Laboratories

Date: 24-Jul-02

CLIENT: Geocon Environmental
Work Order: 057871
Project: Rte 5-NB, 9100-06-49

ANALYTICAL QC SUMMARY REPORT

TestCode: 7420\_DI

Table with 13 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, Analysis Date, SeqNo, Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual. Row 1: MB-9670, MBLK, 7420\_DI, mg/L, 7/22/2002, AA2\_020722E, ZZZZZ, 9670, WET DI/ EPA (WET), 7/22/2002, 303915, Lead, 0.06275, 0.20

Table with 13 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, Analysis Date, SeqNo, Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual. Row 1: MB-9670A, MBLK, 7420\_DI, mg/L, 7/18/2002, AA2\_020722E, ZZZZZ, 9670, WET DI/ EPA (WET), 7/22/2002, 303916, Lead, ND, 0.20

Table with 13 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, Analysis Date, SeqNo, Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual. Row 1: MB-9670B, MBLK, 7420\_DI, mg/L, 7/18/2002, AA2\_020722E, ZZZZZ, 9670, WET DI/ EPA (WET), 7/22/2002, 303929, Lead, 0.09576, 0.20

Table with 13 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, Analysis Date, SeqNo, Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual. Row 1: MB-9671, MBLK, 7420\_DI, mg/L, 7/22/2002, AA2\_020722F, ZZZZZ, 9671, WET DI/ EPA (WET), 7/22/2002, 303944, Lead, ND, 0.20

Table with 13 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, Analysis Date, SeqNo, Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual. Row 1: MB-9671A, MBLK, 7420\_DI, mg/L, 7/18/2002, AA2\_020722F, ZZZZZ, 9671, WET DI/ EPA (WET), 7/22/2002, 303945, Lead, ND, 0.20

Qualifiers: ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits DO- Surrogate dilute out
I - Analyte detected below quantitation limits B - Analyte detected in the associated Method Blank H - Sample exceeded holding time
R - RPD outside accepted recovery limits Calculations are based on raw values



**CLIENT:** Geocon Environmental  
**Work Order:** 057871  
**Project:** Rte 5-NB, 9100-06-49

### ANALYTICAL QC SUMMARY REPORT

**TestCode:** 7420\_DI

Sample ID <b>MB-9671B</b>	SampType: <b>MBLK</b>	TestCode: <b>7420_DI</b>	Units: <b>mg/L</b>	Prep Date: <b>7/18/2002</b>	Run ID: <b>AA2_020722F</b>
Client ID: <b>ZZZZZ</b>	Batch ID: <b>9671</b>	TestNo: <b>WET DI/ EPA (WET)</b>		Analysis Date: <b>7/22/2002</b>	SeqNo: <b>303958</b>
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Lead ND 0.20

Sample ID <b>MB-9672</b>	SampType: <b>MBLK</b>	TestCode: <b>7420_DI</b>	Units: <b>mg/L</b>	Prep Date: <b>7/22/2002</b>	Run ID: <b>AA2_020722G</b>
Client ID: <b>ZZZZZ</b>	Batch ID: <b>9672</b>	TestNo: <b>WET DI/ EPA (WET)</b>		Analysis Date: <b>7/22/2002</b>	SeqNo: <b>303973</b>
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Lead 0.06228 0.20

Sample ID <b>MB-9672A</b>	SampType: <b>MBLK</b>	TestCode: <b>7420_DI</b>	Units: <b>mg/L</b>	Prep Date: <b>7/18/2002</b>	Run ID: <b>AA2_020722G</b>
Client ID: <b>ZZZZZ</b>	Batch ID: <b>9672</b>	TestNo: <b>WET DI/ EPA (WET)</b>		Analysis Date: <b>7/22/2002</b>	SeqNo: <b>303974</b>
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Lead 0.06745 0.20

Sample ID <b>MB-9672B</b>	SampType: <b>MBLK</b>	TestCode: <b>7420_DI</b>	Units: <b>mg/L</b>	Prep Date: <b>7/18/2002</b>	Run ID: <b>AA2_020722G</b>
Client ID: <b>ZZZZZ</b>	Batch ID: <b>9672</b>	TestNo: <b>WET DI/ EPA (WET)</b>		Analysis Date: <b>7/22/2002</b>	SeqNo: <b>303987</b>
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Lead ND 0.20

Sample ID <b>LCS-9672</b>	SampType: <b>MBLK</b>	TestCode: <b>7420_DI</b>	Units: <b>mg/L</b>	Prep Date: <b>7/22/2002</b>	Run ID: <b>AA2_020722G</b>
Client ID: <b>ZZZZZ</b>	Batch ID: <b>9672</b>	TestNo: <b>WET DI/ EPA (WET)</b>		Analysis Date: <b>7/22/2002</b>	SeqNo: <b>304001</b>
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Lead 7.094 0.20

**Qualifiers:** ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits DO - Surrogate dilute out  
 J - Analyte detected below quantitation limits B - Analyte detected in the associated Method Blank H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits Calculations are based on raw values



CLIENT: Geocon Environmental  
Work Order: 057871  
Project: Rte 5-NB, 9100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 7420\_DI

Sample ID	LCS-9670	SampType:	LCS	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/22/2002	Run ID:	AA2_020722E			
Client ID:	ZZZZZ	Batch ID:	9670	TestNo:	WET DI/ EPA (WET)			Analysis Date:	7/22/2002	SeqNo:	303943			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead		7.658		0.20	7.5	0		102	80	120	0		0	
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Sample ID	LCS-9671	SampType:	LCS	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/22/2002	Run ID:	AA2_020722F			
Client ID:	ZZZZZ	Batch ID:	9671	TestNo:	WET DI/ EPA (WET)			Analysis Date:	7/22/2002	SeqNo:	303972			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead		7.607		0.20	7.5	0		101	80	120	0		0	
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Sample ID	057871-005AMS	SampType:	MS	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/22/2002	Run ID:	AA2_020722E			
Client ID:	N17-S	Batch ID:	9670	TestNo:	WET DI/ EPA (WET)			Analysis Date:	7/22/2002	SeqNo:	303928			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead		6.343		0.20	5	1.091		105	80	120	0		0	
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Sample ID	057871-021AMS	SampType:	MS	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/22/2002	Run ID:	AA2_020722E			
Client ID:	N21-0.6	Batch ID:	9670	TestNo:	WET DI/ EPA (WET)			Analysis Date:	7/22/2002	SeqNo:	303941			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead		5.518		0.20	5	0.2129		106	80	120	0		0	
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Sample ID	057871-035AMS	SampType:	MS	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/22/2002	Run ID:	AA2_020722F			
Client ID:	N27-0.3	Batch ID:	9671	TestNo:	WET DI/ EPA (WET)			Analysis Date:	7/22/2002	SeqNo:	303957			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead		6.644		0.20	5	1.513		103	80	120	0		0	
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**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



CLIENT: Geocon Environmental  
Work Order: 057871  
Project: Rte 5-NB, 9100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 7420\_DI

Sample ID: 057871-048AMS	SampType: MS	TestCode: 7420_DI	Units: mg/L	Prep Date: 7/22/2002	Run ID: AA2_020722F						
Client ID: N32-S	Batch ID: 9671	TestNo: WET DI/ EPA (WET)		Analysis Date: 7/22/2002	SeqNo: 303970						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	4.955	0.20	5	0.1788	95.5	80	120	0	0		
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Sample ID: 057871-064AMS	SampType: MS	TestCode: 7420_DI	Units: mg/L	Prep Date: 7/22/2002	Run ID: AA2_020722G						
Client ID: N37-S	Batch ID: 9672	TestNo: WET DI/ EPA (WET)		Analysis Date: 7/22/2002	SeqNo: 303986						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	5.665	0.20	5	0.8686	95.9	80	120	0	0		
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Sample ID: 057872-013AMS	SampType: MS	TestCode: 7420_DI	Units: mg/L	Prep Date: 7/22/2002	Run ID: AA2_020722G						
Client ID: ZZZZZ	Batch ID: 9672	TestNo: WET DI/ EPA (WET)		Analysis Date: 7/22/2002	SeqNo: 303999						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	4.918	0.20	5	0.3208	91.9	80	120	0	0		
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Sample ID: 057871-005ADUP	SampType: DUP	TestCode: 7420_DI	Units: mg/L	Prep Date: 7/18/2002	Run ID: AA2_020722E						
Client ID: N17-S	Batch ID: 9670	TestNo: WET DI/ EPA (WET)		Analysis Date: 7/22/2002	SeqNo: 303927						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	1.092	0.20	0	0	0	0	0	1.091	0.124	30	
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Sample ID: 057871-021ADUP	SampType: DUP	TestCode: 7420_DI	Units: mg/L	Prep Date: 7/18/2002	Run ID: AA2_020722E						
Client ID: N21-0.6	Batch ID: 9670	TestNo: WET DI/ EPA (WET)		Analysis Date: 7/22/2002	SeqNo: 303940						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	0.3062	0.20	0	0	0	0	0	0.2129	35.9	30	R
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**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



CLIENT: Geocon Environmental  
Work Order: 057871  
Project: Rte 5-NB, 9100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 7420\_DI

Sample ID	057871-035ADUP	SampType:	DUP	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/18/2002	Run ID:	AA2_020722F		
Client ID:	N27-0.3	Batch ID:	9671	TestNo:	WET DI/ EPA (WET)			Analysis Date:	7/22/2002	SeqNo:	303956		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 1.501 0.20 0 0 0 0 0 0 1.513 0.797 30

Sample ID	057871-048ADUP	SampType:	DUP	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/18/2002	Run ID:	AA2_020722F		
Client ID:	N32-S	Batch ID:	9671	TestNo:	WET DI/ EPA (WET)			Analysis Date:	7/22/2002	SeqNo:	303969		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 0.1729 0.20 0 0 0 0 0 0 0.1788 0 30 J

Sample ID	057871-064ADUP	SampType:	DUP	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/18/2002	Run ID:	AA2_020722G		
Client ID:	N37-S	Batch ID:	9672	TestNo:	WET DI/ EPA (WET)			Analysis Date:	7/22/2002	SeqNo:	303985		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 0.3454 0.20 0 0 0 0 0 0 0.8686 86.2 30 R

Sample ID	057872-013ADUP	SampType:	DUP	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/18/2002	Run ID:	AA2_020722G		
Client ID:	ZZZZZ	Batch ID:	9672	TestNo:	WET DI/ EPA (WET)			Analysis Date:	7/22/2002	SeqNo:	303998		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 0.2826 0.20 0 0 0 0 0 0 0.3208 12.7 30

Qualifiers: ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



Advanced Technology Laboratories

Date: 30-Jul-02

CLIENT: Geocon Environmental
Work Order: 057871
Project: Rte 5-NB, 9100-06-49

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010\_S

Table with 12 columns: Sample ID, Client ID, SampType, Batch ID, TestCode, TestNo, Units, Prep Date, Analysis Date, Run ID, SeqNo. Values include MB-9916, ZZZZZ, MBLK, 9916, 6010\_S, EPA 6010B, mg/Kg, 7/28/2002, 7/29/2002, ICP2\_020729C, 309033.

Table with 13 columns: Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual. Lists elements like Antimony, Arsenic, Barium, Beryllium, Cadmium, Chromium, Cobalt, Copper, Lead, Molybdenum, Nickel, Selenium, Silver, Thallium, Vanadium, Zinc.

Table with 12 columns: Sample ID, Client ID, SampType, Batch ID, TestCode, TestNo, Units, Prep Date, Analysis Date, Run ID, SeqNo. Values include LCS-9916, ZZZZZ, LCS, 9916, 6010\_S, EPA 6010B, mg/Kg, 7/28/2002, 7/29/2002, ICP2\_020729C, 309034.

Table with 13 columns: Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual. Lists elements like Antimony, Arsenic, Barium, Beryllium, Cadmium, Chromium, Cobalt, Copper.

Qualifiers: ND - Not Detected at the Reporting Limit, J - Analyte detected below quantitation limits, R - RPD outside accepted recovery limits, S - Spike Recovery outside accepted recovery limits, B - Analyte detected in the associated Method Blank, Calculations are based on raw values, DO- Surrogate dilute out, H - Sample exceeded holding time



CLIENT: Geocon Environmental  
Work Order: 057871  
Project: Rte 5-NB, 9100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 6010\_S

Sample ID	SampType	TestCode	Units	Prep Date	Run ID						
LCS-9916	LCS	6010_S	mg/Kg	7/28/2002	ICP2_020729C						
Client ID: ZZZZZ	Batch ID: 9916	TestNo: EPA 6010B (EPA 3050A)		Analysis Date: 7/29/2002	SeqNo: 309034						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	44	0.25	50	0	88	80	120	0	0		
Molybdenum	46	0.25	50	0	92	80	120	0	0		
Nickel	42.5	0.15	50	0	85	80	120	0	0		
Selenium	44	0.25	50	0	88	80	120	0	0		
Silver	45	0.15	50	0	90	80	120	0	0		
Thallium	45	0.25	50	0	90	80	120	0	0		
Vanadium	46.5	0.15	50	0	93	80	120	0	0		
Zinc	45	0.50	50	0	90	80	120	0	0		

Sample ID	SampType	TestCode	Units	Prep Date	Run ID						
057892-024AMS	MS	6010_S	mg/Kg	7/28/2002	ICP2_020729C						
Client ID: ZZZZZ	Batch ID: 9916	TestNo: EPA 6010B (EPA 3050A)		Analysis Date: 7/29/2002	SeqNo: 309048						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	95	0.25	125	2.5	74	32	115	0	0		
Arsenic	127	0.25	125	8.5	94.8	59	111	0	0		
Barium	307	0.15	125	186	96.8	34	151	0	0		
Beryllium	118	0.15	125	0	94.4	56	112	0	0		
Cadmium	111	0.15	125	0	88.8	52	120	0	0		
Chromium	141	0.15	125	24	93.6	56	118	0	0		
Cobalt	118.5	0.15	125	6	90	58	117	0	0		
Copper	201.5	0.15	125	73.5	102	58	134	0	0		
Lead	2036	0.25	125	2315	-223	47	128	0	0		S
Molybdenum	119	0.25	125	5.5	90.8	56	115	0	0		
Nickel	132	0.15	125	18	91.2	52	120	0	0		
Selenium	115	0.25	125	0	92	46	108	0	0		
Silver	121.5	0.15	125	0.1235	97.1	74	117	0	0		
Thallium	115	0.25	125	0.5	91.6	62	117	0	0		
Vanadium	148	0.15	125	23.5	99.6	55	122	0	0		
Zinc	1242	0.50	125	438	644	43	134	0	0		S

Qualifiers: ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



**CLIENT:** Geocon Environmental  
**Work Order:** 057871  
**Project:** Rte 5-NB, 9100-06-49

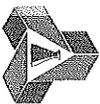
## ANALYTICAL QC SUMMARY REPORT

**TestCode: 6010\_S**

Sample ID <b>057892-024AMSD</b>		SampType: <b>MSD</b>		TestCode: <b>6010_S</b>		Units: <b>mg/Kg</b>		Prep Date: <b>7/28/2002</b>		Run ID: <b>ICP2_020729C</b>	
Client ID: <b>ZZZZZ</b>		Batch ID: <b>9916</b>		TestNo: <b>EPA 6010B (EPA 3050A)</b>		Analysis Date: <b>7/29/2002</b>		SeqNo: <b>309049</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	99	0.25	125	2.5	77.2	32	115	95	4.12	20	
Arsenic	129.5	0.25	125	8.5	96.8	59	111	127	1.95	20	
Barium	340	0.15	125	186	123	34	151	307	10.2	20	
Beryllium	120	0.15	125	0	96	56	112	118	1.68	20	
Cadmium	112.5	0.15	125	0	90	52	120	111	1.34	20	
Chromium	144.5	0.15	125	24	96.4	56	118	141	2.45	20	
Cobalt	121	0.15	125	6	92	58	117	118.5	2.09	20	
Copper	216.5	0.15	125	73.5	114	58	134	201.5	7.18	20	
Lead	2292	0.25	125	2315	-18.8	47	128	2036	11.8	20	S
Molybdenum	122.5	0.25	125	5.5	93.6	56	115	119	2.90	20	
Nickel	136.5	0.15	125	18	94.8	52	120	132	3.35	20	
Selenium	117	0.25	125	0	93.6	46	108	115	1.72	20	
Silver	123	0.15	125	0.1235	98.3	74	117	121.5	1.23	20	
Thallium	117	0.25	125	0.5	93.2	62	117	115	1.72	20	
Vanadium	152	0.15	125	23.5	103	55	122	148	2.67	20	
Zinc	502.5	0.50	125	438	51.6	43	134	1242	84.8	20	R

Sample ID <b>057892-024ADUP</b>		SampType: <b>DUP</b>		TestCode: <b>6010_S</b>		Units: <b>mg/Kg</b>		Prep Date: <b>7/28/2002</b>		Run ID: <b>ICP2_020729C</b>	
Client ID: <b>ZZZZZ</b>		Batch ID: <b>9916</b>		TestNo: <b>EPA 6010B (EPA 3050A)</b>		Analysis Date: <b>7/29/2002</b>		SeqNo: <b>309047</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	2.5	0.25	0	0	0	0	0	0	0	0	
Arsenic	8.5	0.25	0	0	0	0	0	0	0	0	
Barium	186	0.15	0	0	0	0	0	0	0	0	
Beryllium	ND	0.15	0	0	0	0	0	0	0	0	
Cadmium	ND	0.15	0	0	0	0	0	0	0	0	
Chromium	24	0.15	0	0	0	0	0	0	0	0	
Cobalt	6	0.15	0	0	0	0	0	0	0	0	
Copper	73.5	0.15	0	0	0	0	0	0	0	0	
Lead	2315	0.25	0	0	0	0	0	0	0	0	

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



CLIENT: Geocon Environmental  
Work Order: 057871  
Project: Rte 5-NB, 9100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 6010\_S

Sample ID: 057892-024ADUP	SampType: DUP	TestCode: 6010_S	Units: mg/Kg	Prep Date: 7/28/2002	Run ID: ICP2_020729C						
Client ID: ZZZZZ	Batch ID: 9916	TestNo: EPA 6010B (EPA 3050A)		Analysis Date: 7/29/2002	SeqNo: 309047						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Molybdenum	5.5	0.25	0	0	0	0	0	0	0	0	
Nickel	18	0.15	0	0	0	0	0	0	0	0	
Selenium	ND	0.25	0	0	0	0	0	0	0	0	
Silver	0.1235	0.15	0	0	0	0	0	0	0	0	J
Thallium	0.5	0.25	0	0	0	0	0	0	0	0	
Vanadium	23.5	0.15	0	0	0	0	0	0	0	0	
Zinc	438	0.50	0	0	0	0	0	0	0	0	

Qualifiers: ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



CLIENT: Geocon Environmental  
Work Order: 057871  
Project: Rte 5-NB, 9100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 7471\_S

Sample ID	MB-9919	SampType:	mbik	TestCode:	7471_S	Units:	mg/Kg	Prep Date:	7/28/2002	Run ID:	AA1_020729A			
Client ID:	ZZZZZ	Batch ID:	9919	TestNo:	EPA 7471A	(EPA 7471)		Analysis Date:	7/29/2002	SeqNo:	309061			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Mercury		ND		0.10										
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Sample ID	LCS-9919	SampType:	lcs	TestCode:	7471_S	Units:	mg/Kg	Prep Date:	7/28/2002	Run ID:	AA1_020729A			
Client ID:	ZZZZZ	Batch ID:	9919	TestNo:	EPA 7471A	(EPA 7471)		Analysis Date:	7/29/2002	SeqNo:	309060			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Mercury		2.02		0.10	2.08	0		97.1	80	120	0	0		
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Sample ID	057892-003AMS	SampType:	MS	TestCode:	7471_S	Units:	mg/Kg	Prep Date:	7/28/2002	Run ID:	AA1_020729A			
Client ID:	ZZZZZ	Batch ID:	9919	TestNo:	EPA 7471A	(EPA 7471)		Analysis Date:	7/29/2002	SeqNo:	309064			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Mercury		0.609		1.0	0.83	0		73.4	62	146	0	0		J
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Sample ID	057892-003AMSD	SampType:	MSD	TestCode:	7471_S	Units:	mg/Kg	Prep Date:	7/28/2002	Run ID:	AA1_020729A			
Client ID:	ZZZZZ	Batch ID:	9919	TestNo:	EPA 7471A	(EPA 7471)		Analysis Date:	7/29/2002	SeqNo:	309065			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Mercury		0.6339		1.0	0.83	0		76.4	62	146	0.609	0	33	J
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Sample ID	057892-003ADUP	SampType:	DUP	TestCode:	7471_S	Units:	mg/Kg	Prep Date:	7/28/2002	Run ID:	AA1_020729A			
Client ID:	ZZZZZ	Batch ID:	9919	TestNo:	EPA 7471A	(EPA 7471)		Analysis Date:	7/29/2002	SeqNo:	309063			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Mercury		ND		1.0	0	0		0	0	0	0	0	30	
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Qualifiers: ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO - Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values

All samples → total lead (6010)

total lead > 50 mg/kg → WET-Citric

WET-CITRIC > 5 mg/L → WET-DI

Total lead > 1,000 mg/kg → TCLP

10% → Soil pH (9045)

Please call when all totals have been run. I will instruct what samples should be run for Title 22 metals.

Thanks - Chris King

REVISIONS  
BY \_\_\_\_\_ DATE \_\_\_\_\_  
BY \_\_\_\_\_ DATE \_\_\_\_\_

BY \_\_\_\_\_ DATE \_\_\_\_\_  
CHECKED BY \_\_\_\_\_

**Diane**

---

**From:** Chris King [king@geoconinc.com]  
**Sent:** Monday, July 22, 2002 10:57 AM  
**To:** 'Diane'  
**Subject:** 09100-06-49

Diane - please run the 15 samples with the highest total lead content for Title 22 metals. Please do this for each direction (northbound and southbound), so the total number of tests will be 30. Thank you and please call me if you have any questions.

Christopher S. King  
Senior Staff Engineer  
Geocon Consultants, Inc.

7/22/2002

July 22, 2002

Chris King  
Geocon Environmental  
6970 Flanders Drive  
San Diego, CA 92121  
TEL: (858) 558-6100  
FAX: (858) 558-8437

AUG 05 2002

RE: Rte 5-NB, 9100-06-49

ELAP No.: 1838

NELAP No.: 02107CA

Attention: Chris King

Workorder No.: 057936

Enclosed are the results for sample(s) received on July 15, 2002 by Advanced Technology Laboratories and tested for the parameters indicated in the enclosed chain of custody.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (562)989-4045 if I can be of further assistance to your company.

Sincerely,

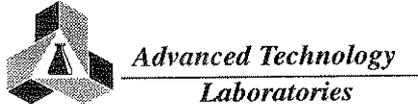


Eddie F. Rodriguez  
Laboratory Director

This cover letter is an integral part of this analytical report.



# CHAIN OF CUSTODY RECORD



3275 Walnut Avenue  
Signal Hill, CA 90807  
(562) 989-4045 • FAX (562) 989-4040

### FOR LABORATORY USE ONLY:

P.O.#: _____	Method of Transport Walk-in <input type="checkbox"/> Courier <input type="checkbox"/> UPS <input type="checkbox"/> FED. EXP. <input type="checkbox"/> ATL <input checked="" type="checkbox"/>	Sample Condition Upon Receipt 1. CHILLED Y <input type="checkbox"/> N <input checked="" type="checkbox"/> 4. SEALED Y <input type="checkbox"/> N <input checked="" type="checkbox"/> 2. HEADSPACE (VOA) Y <input type="checkbox"/> N <input checked="" type="checkbox"/> 5. # OF SPLS MATCH COC Y <input checked="" type="checkbox"/> N <input type="checkbox"/> 3. CONTAINER INTACT Y <input checked="" type="checkbox"/> N <input type="checkbox"/> 6. PRESERVED Y <input type="checkbox"/> N <input checked="" type="checkbox"/>
Logged By: <u>Don</u>	Date: <u>7/15/02</u> Time: _____	

Client: <b>GEOCON ENVIRONMENTAL - SAN DIEGO</b>	Address: 6970 Flanders Drive	TEL: ( 858 ) 558-6100
Attn: <u>Chris King</u>	City: San Diego State: CA Zip Code: 92121	FAX: ( 858 ) 558-8437

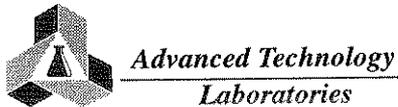
Project Name: <u>Rte 5-NB</u>	Project #: <u>9100-06-49</u>	Sampler: <u>CSK/GCA</u>
Relinquished by: <u>[Signature]</u> Date: <u>7/15</u> Time: <u>6:00p</u>	Received by: <u>[Signature]</u> Date: <u>7-15-02</u> Time: <u>6:00p</u>	
Relinquished by: <u>[Signature]</u> Date: <u>7-15-02</u> Time: <u>6:240p</u>	Received by: <u>[Signature]</u> Date: <u>7-15-02</u> Time: <u>6:25pm</u>	

I hereby authorize ATL to perform the work indicated below: Project Mgr /Submitter: <u>CSK</u> <u>7/15</u> Print Name Date <u>[Signature]</u> Signature	Send Report To: Attn: _____ Co: <u>Client</u> Address _____ City _____ State _____ Zip _____	Bill To: Attn: _____ Co: <u>Client</u> Address _____ City _____ State _____ Zip _____	Special Instructions/Comments: <u>Attached</u>
--	--	---	---

Unless otherwise requested, all samples will be disposed 45 days after receipt.	Sample Archive/Disposal: <input type="checkbox"/> Laboratory Standard <input type="checkbox"/> Other <input type="checkbox"/> Return To: _____ * \$10.00 FEE PER HAZARDOUS SAMPLE DISPOSAL.	Circle or Add Analysis(es) Requested 808 / 8092 (Pesticides/PCB-GC) 820 (Volatile-GC/MS) 825 / 8270 (BVA-GC/MS) Metals: Total (CAC-8010 / T000) 801 (M) TPH/GBTEX (COMBINATION) 801 (M) TPH/D (Diesel/GC) <u>709 / 709 / 600</u>	CIRCLE APPROPRIATE MATRIX SOLID (SOIL) SLUDGE OIL • SOLVENT • LIQUID WATER • WASTEWATER DRINKING WATER AIR WIPE • FILTER OTHER	PRESERVATION RTNE <input type="checkbox"/> RWQCB <input type="checkbox"/> WIP <input type="checkbox"/> NAVY <input type="checkbox"/> CT <input checked="" type="checkbox"/> OTHER	QA/QC REMARKS
LAB USE ONLY: Batch #: Lab No.	Sample Description Sample I.D.	Date	Time	Container(s) TAT # Type	
057936-001	N86-S	7/15	9:35	E 1 J G	
2	N86-0.3		9:58		
3	N87-S		9:35		
4	N87-0.3		9:40		
5	N87-0.6		9:50		
6	N88-S		9:55		
7	N88-0.3		10:03		
8	N88-0.6		10:07		
9	N88-0.9		10:13		
10	N89-S		9:59		

• TAT starts 8 a.m. following day if samples received after 5 p.m.	TAT: A= <input type="checkbox"/> Overnight ≤ 24 hr B= <input type="checkbox"/> Emergency Next workday C= <input type="checkbox"/> Critical 2 Workdays D= <input type="checkbox"/> Urgent 3 Workdays E= <input type="checkbox"/> Routine 7 Workdays	Preservatives: H=HCl N=HNO <sub>3</sub> S=H <sub>2</sub> SO <sub>4</sub> C=4°C Z=Zn(AC) <sub>2</sub> O=NaOH T=Na <sub>2</sub> S <sub>2</sub> O <sub>5</sub>
Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal		

# CHAIN OF CUSTODY RECORD



3275 Walnut Avenue  
Signal Hill, CA 90807  
(562) 989-4045 • FAX (562) 989-4040

## FOR LABORATORY USE ONLY:

P.O.#: \_\_\_\_\_  
Logged By: [Signature] Date: 7/15/02 Time: \_\_\_\_\_

Method of Transport  
Walk-in   
Courier   
UPS   
FED. EXP.   
ATL

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 ENVIRONMENTAL - SAN DIEGO** Address: 6970 Flanders Drive TEL: ( 858 ) 558-6100  
Attn: Chris King City San Diego State CA Zip Code 92121 FAX: ( 858 ) 558-8437

Project Name: Rte 5-NB Project #: 9100-06-49 Sampler: CSK/GCA (Printed Name) (Signature)

Relinquished by: (Signature and Printed Name) [Signature] GCA Date: 7/15 Time: 6:00p Received by: (Signature and Printed Name) [Signature] Date: 7-15-02 Time: 6:20p  
Relinquished by: (Signature and Printed Name) [Signature] Date: 7-15-02 Time: 6:40p Received by: (Signature and Printed Name) [Signature] Date: 7-15-02 Time: 6:35pm  
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: CSK 7/15  
Print Name Date  
Signature [Signature]

Send Report To:  
Attn: \_\_\_\_\_  
Co: Client  
Address \_\_\_\_\_  
City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Bill To:  
Attn: \_\_\_\_\_  
Co: Client  
Address \_\_\_\_\_  
City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Special Instructions/Comments:  
Attached

Unless otherwise requested, all samples will be disposed 45 days after receipt.

Sample Archive/Disposal:  
 Laboratory Standard  
 Other \_\_\_\_\_  
 Return To: \_\_\_\_\_

\* \$10.00 FEE PER HAZARDOUS SAMPLE DISPOSAL.

Circle or Add Analysis(es) Requested

8081 / 8082 (Pesticides/PCB-GC)  
8280 (Volatile-CC/MS)  
625 / 8270 (BNA-GC/MS)  
Mega-Total (CAC-8010 / 7000)  
8015M TPH/BTEX (COMBINATION)  
8019M TPH/D (Diesel/GC)  
Total Pesticides

CIRCLE APPROPRIATE MATRIX

SOLID • SOIL • SLUDGE  
OIL • SOLVENT • LIQUID  
WATER • WASTEWATER  
DRINKING WATER  
AIR  
WIPE • FILTER  
OTHER

Container(s)  
TAT # Type

PRELIMINARY RESULTS

QA/QC  
RTNE   
RWOCB   
WIP   
NAVY   
CT   
OTHER

REMARKS

ITEM	LAB USE ONLY:		Sample Description			
	Batch #:	Lab No.	Sample I.D.	Date	Time	
		11	N89-0.3	7/15	10:18	
		12	N89-0.6		10:16	
		13	N90-S		10:24	
		14	N90-0.3		10:32	
		15	N90-0.6		10:40	
		16	N90-0.9		10:48	
		17	N91-S		10:25	
		18	N91-0.3		10:31	
		19	N91-0.6		10:38	
		20	N91-0.9		10:45	

• TAT starts 8 a.m. following day if samples received after 5 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<sub>3</sub> S=H<sub>2</sub>SO<sub>4</sub> C=4°C  
Z=Zn(AC)<sub>2</sub> O=NaOH T=Na<sub>2</sub>S<sub>2</sub>O<sub>8</sub>

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

# CHAIN OF CUSTODY RECORD



**Advanced Technology  
Laboratories**  
3275 Walnut Avenue  
Signal Hill, CA 90807  
(562) 989-4045 • FAX (562) 989-4040

**FOR LABORATORY USE ONLY:**

P.O.#: _____	Method of Transport: Walk-in <input type="checkbox"/> Courier <input type="checkbox"/> UPS <input type="checkbox"/> FED. EXP. <input type="checkbox"/> ATL <input checked="" type="checkbox"/>	Sample Condition Upon Receipt: 1. CHILLED Y <input type="checkbox"/> N <input checked="" type="checkbox"/> 4. SEALED Y <input type="checkbox"/> N <input checked="" type="checkbox"/> 2. HEADSPACE (VOA) Y <input type="checkbox"/> N <input type="checkbox"/> 5. # OF SPLS MATCH COC <input checked="" type="checkbox"/> N <input type="checkbox"/> 3. CONTAINER INTACT Y <input checked="" type="checkbox"/> N <input type="checkbox"/> 6. PRESERVED Y <input type="checkbox"/> N <input checked="" type="checkbox"/>
Logged By: <u>DM</u> Date: <u>7-15-02</u> Time: _____		

Client: <b>GEOCON ENVIRONMENTAL - SAN DIEGO</b>	Address: 6970 Flanders Drive	TEL: ( 858 ) 558-6100
Attn: <u>Chris King</u>	City: San Diego State: CA Zip Code: 92121	FAX: ( 858 ) 558-8437

Project Name: <u>Rte 5 - NB</u>	Project #: <u>9100-06-49</u>	Sampler: <u>CSK/GCA</u> (Signature)
Relinquished by: <u>[Signature]</u> Date: <u>7/15</u> Time: <u>6:00</u>	Received by: <u>[Signature]</u> Date: <u>7-15-02</u> Time: <u>6:40p</u>	
Relinquished by: <u>[Signature]</u> Date: <u>7-15-02</u> Time: <u>6:40</u>	Received by: <u>[Signature]</u> Date: <u>7-15-02</u> Time: <u>6:45pm</u>	
Relinquished by: <u>[Signature]</u> Date: _____ Time: _____	Received by: <u>[Signature]</u> Date: _____ Time: _____	

I hereby authorize ATL to perform the work indicated below: Project Mgr /Submitter: <u>CSK</u> <u>7/15</u> Print Name Date <u>[Signature]</u>	Send Report To: Attn: _____ Co: <u>Client</u> Address: _____ City _____ State _____ Zip _____	Bill To: Attn: _____ Co: <u>Client</u> Address: _____ City _____ State _____ Zip _____	Special Instructions/Comments: <u>Attached</u>
---	---	--	---

Unless otherwise requested, all samples will be disposed 45 days after receipt.

Sample Archive/Disposal:  
 Laboratory Standard  
 Other \_\_\_\_\_  
 Return To: \_\_\_\_\_

\* \$10.00 FEE PER HAZARDOUS SAMPLE DISPOSAL.

Circle or Add Analysis(es) Requested: 8091 / 8092 (Pesticides/PCB-GC) 8090 (V. Chlorides-GC/MS) 625 / 8270 (BVA-GC/MS) Metals: Total (CAC-8010 / 7000) 8015M TPH/GBTX (COMBINATION) 8015M TPH/D (Diesel-GC) <u>Total / Lead 600</u>	CIRCLE APPROPRIATE MATRIX: SOLID (SOB) • SLUDGE OIL • SOLVENT • LIQUID WATER • WASTEWATER DRINKING WATER AIR WIPE • FILTER OTHER _____ TAT _____	PRESERVATION: RTNE <input type="checkbox"/> RWQCB <input type="checkbox"/> WIP <input type="checkbox"/> NAVY <input type="checkbox"/> CT <input checked="" type="checkbox"/> OTHER _____
--	--	--

ITEM	LAB USE ONLY:		Sample Description				Analysis	Matrix	TAT	Container(s)		REMARKS
	Batch #:	Lab No.	Sample I.D.	Date	Time	#				Type		
		21	N92-S	7/15	10:30	X	X	E	1	JG		
		22	N92-0.3		10:45							
		23	N92-0.6		10:50							
		24	N92-0.9		11:00							
		25	N93-S		10:44							
		26	<del>N93-0.5</del> N93-0.3		10:51							
		27	N93-0.6		10:59							
		28	N94-S		11:04							
		29	N94-0.3		11:09							
		30	N94-0.6		11:13							

• TAT starts 8 a.m. following day if samples received after 5 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<sub>3</sub> S=H<sub>2</sub>SO<sub>4</sub> C=4°C    Z=Zn(AC)<sub>2</sub> O=NaOH T=Na<sub>2</sub>S<sub>2</sub>O<sub>3</sub>

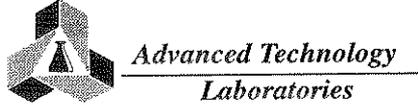
Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal







# CHAIN OF CUSTODY RECORD



3275 Walnut Avenue  
Signal Hill, CA 90807  
(562) 989-4045 • FAX (562) 989-4040

## FOR LABORATORY USE ONLY:

P.O.#: _____	Method of Transport Walk-in <input type="checkbox"/> Courier <input type="checkbox"/> UPS <input type="checkbox"/> FED. EXP. <input type="checkbox"/> ATL <input checked="" type="checkbox"/>	Sample Condition Upon Receipt 1. CHILLED <input checked="" type="checkbox"/> <input type="checkbox"/> N <input type="checkbox"/> 4. SEALED <input type="checkbox"/> Y <input type="checkbox"/> N <input checked="" type="checkbox"/> 2. HEADSPACE (VOA) <input type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> 5. # OF SPLS MATCH COC <input type="checkbox"/> Y <input checked="" type="checkbox"/> N <input type="checkbox"/> 3. CONTAINER INTACT <input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> 6. PRESERVED <input type="checkbox"/> Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
Logged By: <u>[Signature]</u>	Date: <u>7/15/02</u> Time: _____	

Client: <b>GEOCON ENVIRONMENTAL - SAN DIEGO</b>	Address: 6970 Flanders Drive	TEL: ( 858 ) 558-6100
Attn: <u>Chris King</u>	City: San Diego State: CA Zip Code: 92121	FAX: ( 858 ) 558-8437

Project Name: <u>Rte 5 NB</u>	Project #: <u>9100-06-49</u>	Sampler: <u>CSK/GCA</u> (Printed Name) <u>[Signature]</u> (Signature)	
Relinquished by: <u>[Signature]</u> (Signature and Printed Name)	Date: <u>7/15/02</u> Time: <u>6:00p</u>	Received by: <u>[Signature]</u> (Signature and Printed Name)	Date: <u>7-15-02</u> Time: <u>6:00p</u>
Relinquished by: <u>[Signature]</u> (Signature and Printed Name)	Date: <u>7-15-02</u> Time: <u>6:40p</u>	Received by: <u>[Signature]</u> (Signature and Printed Name)	Date: <u>7/15/02</u> Time: <u>6:35pm</u>
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: <u>CSK</u> <u>7/15</u> Print Name Date <u>[Signature]</u> Signature	Send Report To: Attn: _____ Co: <u>Client</u> Address _____ City _____ State _____ Zip _____	Bill To: Attn: _____ Co: <u>Client</u> Address _____ City _____ State _____ Zip _____	Special Instructions/Comments: <u>Attached</u>
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Unless otherwise requested, all samples will be disposed 45 days after receipt.	Sample Archive/Disposal: <input type="checkbox"/> Laboratory Standard <input type="checkbox"/> Other <input type="checkbox"/> Return To: _____ * \$10.00 FEE PER HAZARDOUS SAMPLE DISPOSAL.	Circle or Add Analysis(es) Requested 8091 / 8092 (Pesticides/PCB-GC) 8250 (Volatiles-GC/MS) 8251 / 8270 (BVA-GC/MS) Metals Total (CAC-8010 / 7000) 8015M TP-HGBTX (COMBINATION) 8015M TP-IND (Diesel-GC) <u>Total Lead</u>	CIRCLE APPROPRIATE MATRIX SOLID • SOIL • SLUDGE OIL • SOLVENT • LIQUID WATER • WASTEWATER DRINKING WATER AIR WIPE • FILTER OTHER TAT # Type	PRESERVATION RTNE <input type="checkbox"/> RWQCB <input type="checkbox"/> WIP <input type="checkbox"/> NAVY <input type="checkbox"/> CT <input checked="" type="checkbox"/> OTHER	QA/QC REMARKS		
ITEM	LAB USE ONLY: Batch #: Lab No.	Sample Description Sample I.D.	Date	Time		Container(s) # Type	
	61	C29	7/15	9:10	X	E 1 PIR	
	62	C30		10:30			
	63	C31		11:20			
	64	C32		12:08			
	65	C33		12:35			
	66	C34		1:36			

• TAT starts 8 a.m. following day if samples received after 5 p.m.	TAT: A= <input type="checkbox"/> Overnight ≤ 24 hr	B= <input type="checkbox"/> Emergency Next workday	C= <input type="checkbox"/> Critical 2 Workdays	D= <input type="checkbox"/> Urgent 3 Workdays	E= <input type="checkbox"/> Routine 7 Workdays	Preservatives: H=HCl N=HNO <sub>3</sub> S=H <sub>2</sub> SO <sub>4</sub> C=4°C Z=Zn(AC) <sub>2</sub> O=NaOH T=Na <sub>2</sub> S <sub>2</sub> O <sub>8</sub>
Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal						

**LEAD BY ICP  
EPA 6010B**

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057936
<b>Project:</b>	Rte 5-NB, 9100-06-49	<b>Date Received:</b>	7/15/2002 6:36:0
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	RQ

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057936-001A	N86-S	840	mg/Kg	9612	5	1	7/15/2002	7/19/2002
057936-002A	N86-0.3	450	mg/Kg	9612	5	1	7/15/2002	7/19/2002
057936-003A	N87-S	1200	mg/Kg	9612	5	1	7/15/2002	7/19/2002
057936-004A	N87-0.3	970	mg/Kg	9612	5	1	7/15/2002	7/19/2002
057936-005A	N87-0.6	1100	mg/Kg	9612	5	1	7/15/2002	7/19/2002
057936-006A	N88-S	1700	mg/Kg	9612	5	1	7/15/2002	7/19/2002
057936-007A	N88-0.3	140	mg/Kg	9612	5	1	7/15/2002	7/19/2002
057936-008A	N88-0.6	1300	mg/Kg	9612	5	1	7/15/2002	7/19/2002
057936-009A	N88-0.9	290	mg/Kg	9612	5	1	7/15/2002	7/19/2002
057936-010A	N89-S	200	mg/Kg	9612	5	1	7/15/2002	7/19/2002
057936-011A	N89-0.3	120	mg/Kg	9612	5	1	7/15/2002	7/19/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



**Advanced Technology Laboratories**

Date: 7/22/2002

**LEAD BY ICP  
EPA 6010B**

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057936
<b>Project:</b>	Rte 5-NB, 9100-06-49	<b>Date Received:</b>	7/15/2002 6:36:0
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	RQ

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057936-012A	N89-0.6	41	mg/Kg	9612	5	1	7/15/2002	7/19/2002
057936-013A	N90-S	910	mg/Kg	9612	5	1	7/15/2002	7/19/2002
057936-014A	N90-0.3	330	mg/Kg	9612	5	1	7/15/2002	7/19/2002
057936-015A	N90-0.6	750	mg/Kg	9612	5	1	7/15/2002	7/19/2002
057936-016A	N90-0.9	6.0	mg/Kg	9612	5	1	7/15/2002	7/19/2002
057936-017A	N91-S	150	mg/Kg	9612	5	1	7/15/2002	7/19/2002
057936-018A	N91-0.3	1000	mg/Kg	9612	5	1	7/15/2002	7/19/2002
057936-019A	N91-0.6	2700	mg/Kg	9612	5	1	7/15/2002	7/19/2002
057936-020A	N91-0.9	1300	mg/Kg	9612	5	1	7/15/2002	7/19/2002
057936-021A	N92-S	3300	mg/Kg	9613	10	2	7/15/2002	7/19/2002
057936-022A	N92-0.3	340	mg/Kg	9613	5	1	7/15/2002	7/19/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



**LEAD BY ICP  
EPA 6010B**

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057936
<b>Project:</b>	Rte 5-NB, 9100-06-49	<b>Date Received:</b>	7/15/2002 6:36:0
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	RQ

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057936-023A	N92-0.6	180	mg/Kg	9613	5	1	7/15/2002	7/19/2002
057936-024A	N92-0.9	11	mg/Kg	9613	5	1	7/15/2002	7/19/2002
057936-025A	N93-S	530	mg/Kg	9613	5	1	7/15/2002	7/19/2002
057936-026A	N93-0.3	410	mg/Kg	9613	5	1	7/15/2002	7/19/2002
057936-027A	N93-0.6	350	mg/Kg	9613	5	1	7/15/2002	7/19/2002
057936-028A	N94-S	510	mg/Kg	9613	5	1	7/15/2002	7/19/2002
057936-029A	N94-0.3	440	mg/Kg	9613	5	1	7/15/2002	7/19/2002
057936-030A	N94-0.6	73	mg/Kg	9613	5	1	7/15/2002	7/19/2002
057936-031A	N94-0.9	280	mg/Kg	9613	5	1	7/15/2002	7/19/2002
057936-032A	N95-S	400	mg/Kg	9613	5	1	7/15/2002	7/19/2002
057936-033A	N95-0.3	410	mg/Kg	9613	5	1	7/15/2002	7/19/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



# Advanced Technology Laboratories

Date: 7/22/2002

## LEAD BY ICP EPA 6010B

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057936
<b>Project:</b>	Rte 5-NB, 9100-06-49	<b>Date Received:</b>	7/15/2002 6:36:0
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	RQ

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057936-034A	N95-0.6	250	mg/Kg	9613	5	1	7/15/2002	7/19/2002
057936-035A	N95-0.9	620	mg/Kg	9613	5	1	7/15/2002	7/19/2002
057936-036A	N96-S	370	mg/Kg	9613	5	1	7/15/2002	7/19/2002
057936-037A	N96-0.3	64	mg/Kg	9613	5	1	7/15/2002	7/19/2002
057936-038A	N96-0.6	170	mg/Kg	9613	5	1	7/15/2002	7/19/2002
057936-039A	N97-S	150	mg/Kg	9613	5	1	7/15/2002	7/19/2002
057936-040A	N98-S	340	mg/Kg	9613	5	1	7/15/2002	7/19/2002
057936-041A	N98-0.3	76	mg/Kg	9614	5	1	7/15/2002	7/19/2002
057936-042A	N98-0.6	45	mg/Kg	9614	5	1	7/15/2002	7/19/2002
057936-043A	N98-0.9	36	mg/Kg	9614	5	1	7/15/2002	7/19/2002
057936-044A	N99-S	1000	mg/Kg	9614	5	1	7/15/2002	7/19/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified

Page 4 of 8



**Advanced Technology Laboratories**

Date: 7/22/2002

**LEAD BY ICP  
EPA 6010B**

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057936
<b>Project:</b>	Rte 5-NB, 9100-06-49	<b>Date Received:</b>	7/15/2002 6:36:0
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	RQ

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057936-045A	N99-0.3	1300	mg/Kg	9614	5	1	7/15/2002	7/19/2002
057936-046A	N99-0.6	170	mg/Kg	9614	5	1	7/15/2002	7/19/2002
057936-047A	N99-0.9	350	mg/Kg	9614	5	1	7/15/2002	7/19/2002
057936-048A	N100-S	1400	mg/Kg	9614	5	1	7/15/2002	7/19/2002
057936-049A	N100-0.3	390	mg/Kg	9614	5	1	7/15/2002	7/19/2002
057936-050A	N101-S	1100	mg/Kg	9614	5	1	7/15/2002	7/19/2002
057936-051A	N101-0.3	150	mg/Kg	9614	5	1	7/15/2002	7/19/2002
057936-052A	N101-0.6	310	mg/Kg	9614	5	1	7/15/2002	7/19/2002
057936-053A	N102-S	830	mg/Kg	9614	5	1	7/15/2002	7/19/2002
057936-054A	N102-0.3	730	mg/Kg	9614	5	1	7/15/2002	7/19/2002
057936-055A	N103-S	900	mg/Kg	9614	5	1	7/15/2002	7/19/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



**Advanced Technology Laboratories**

Date: 7/22/2002

**LEAD BY ICP  
EPA 6010B**

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057936
<b>Project:</b>	Rte 5-NB, 9100-06-49	<b>Date Received:</b>	7/15/2002 6:36:0
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	RQ

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057936-056A	N103-0.3	690	mg/Kg	9614	5	1	7/15/2002	7/19/2002
057936-057A	N104-S	920	mg/Kg	9614	5	1	7/15/2002	7/19/2002
057936-058A	N104-0.3	240	mg/Kg	9614	5	1	7/15/2002	7/19/2002
057936-059A	N104-0.6	30	mg/Kg	9614	5	1	7/15/2002	7/19/2002
057936-060A	N104-0.9	44	mg/Kg	9614	5	1	7/15/2002	7/19/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



ICP METALS  
EPA 6010B

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057936
<b>Project:</b>	Rte 5-NB, 9100-06-49	<b>Date Received:</b>	7/15/2002 6:36:0
<b>Project No:</b>		<b>Matrix:</b>	Water
<b>PO No:</b>		<b>Analyst:</b>	RQ

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057936-061A	C29	ND	mg/L	9623	0.005	1	7/15/2002	7/18/2002
057936-062A	C30	ND	mg/L	9623	0.005	1	7/15/2002	7/18/2002
057936-063A	C31	ND	mg/L	9623	0.005	1	7/15/2002	7/18/2002
057936-064A	C32	ND	mg/L	9623	0.005	1	7/15/2002	7/18/2002
057936-065A	C33	ND	mg/L	9623	0.005	1	7/15/2002	7/18/2002
057936-066A	C34	ND	mg/L	9623	0.005	1	7/15/2002	7/18/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



**Advanced Technology Laboratories**

Date: 7/22/2002

**pH  
EPA 9045C**

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057936
<b>Project:</b>	Rte 5-NB, 9100-06-49	<b>Date Received:</b>	7/15/2002 6:36:0
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	JT

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057936-010A	N89-S	6.90	pH Units	R19556	0.1	1	7/15/2002	7/19/2002
057936-020A	N91-0.9	6.97	pH Units	R19556	0.1	1	7/15/2002	7/19/2002
057936-030A	N94-0.6	8.54	pH Units	R19558	0.1	1	7/15/2002	7/19/2002
057936-040A	N98-S	7.13	pH Units	R19558	0.1	1	7/15/2002	7/19/2002
057936-050A	N101-S	7.68	pH Units	R19558	0.1	1	7/15/2002	7/19/2002
057936-060A	N104-0.9	7.95	pH Units	R19558	0.1	1	7/15/2002	7/19/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



LEAD BY ATOMIC ABSORPTION  
WET/ EPA 7420

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057936
<b>Project:</b>	Rte 5-NB, 9100-06-49	<b>Date Received:</b>	7/15/2002 6:36:0
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	NS

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057936-001A	N86-S	95	mg/L	9784	2	10	7/15/2002	7/26/2002
057936-002A	N86-0.3	49	mg/L	9784	2	10	7/15/2002	7/26/2002
057936-004A	N87-0.3	92	mg/L	9784	2	10	7/15/2002	7/26/2002
057936-007A	N88-0.3	21	mg/L	9784	0.8	4	7/15/2002	7/26/2002
057936-009A	N88-0.9	35	mg/L	9784	1.2	6	7/15/2002	7/26/2002
057936-010A	N89-S	43	mg/L	9784	1.2	6	7/15/2002	7/26/2002
057936-011A	N89-0.3	4.9	mg/L	9784	0.2	1	7/15/2002	7/26/2002
057936-013A	N90-S	93	mg/L	9784	2	10	7/15/2002	7/26/2002
057936-014A	N90-0.3	35	mg/L	9784	0.8	4	7/15/2002	7/26/2002
057936-015A	N90-0.6	65	mg/L	9784	2	10	7/15/2002	7/26/2002
057936-017A	N91-S	13	mg/L	9784	0.4	2	7/15/2002	7/26/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



**LEAD BY ATOMIC ABSORPTION  
WET/ EPA 7420**

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057936
<b>Project:</b>	Rte 5-NB, 9100-06-49	<b>Date Received:</b>	7/15/2002 6:36:0
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	NS

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057936-022A	N92-0.3	32	mg/L	9785	0.8	4	7/15/2002	7/28/2002
057936-023A	N92-0.6	20	mg/L	9785	0.4	2	7/15/2002	7/28/2002
057936-025A	N93-S	57	mg/L	9785	2	10	7/15/2002	7/28/2002
057936-026A	N93-0.3	36	mg/L	9785	0.8	4	7/15/2002	7/28/2002
057936-027A	N93-0.6	28	mg/L	9785	0.8	4	7/15/2002	7/28/2002
057936-028A	N94-S	51	mg/L	9785	2	10	7/15/2002	7/28/2002
057936-029A	N94-0.3	44	mg/L	9785	2	10	7/15/2002	7/28/2002
057936-030A	N94-0.6	10	mg/L	9785	0.2	1	7/15/2002	7/28/2002
057936-031A	N94-0.9	16	mg/L	9785	0.4	2	7/15/2002	7/28/2002
057936-032A	N95-S	33	mg/L	9785	0.8	4	7/15/2002	7/28/2002
057936-033A	N95-0.3	51	mg/L	9785	2	10	7/15/2002	7/28/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



LEAD BY ATOMIC ABSORPTION  
WET/ EPA 7420

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057936
<b>Project:</b>	Rte 5-NB, 9100-06-49	<b>Date Received:</b>	7/15/2002 6:36:0
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	NS

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057936-034A	N95-0.6	23	mg/L	9785	0.8	4	7/15/2002	7/28/2002
057936-035A	N95-0.9	60	mg/L	9785	2	10	7/15/2002	7/28/2002
057936-036A	N96-S	41	mg/L	9785	2	10	7/15/2002	7/28/2002
057936-037A	N96-0.3	3.4	mg/L	9785	0.2	1	7/15/2002	7/28/2002
057936-038A	N96-0.6	6.6	mg/L	9785	0.2	1	7/15/2002	7/28/2002
057936-039A	N97-S	20	mg/L	9785	0.8	4	7/15/2002	7/28/2002
057936-040A	N98-S	40	mg/L	9785	2	10	7/15/2002	7/28/2002
057936-041A	N98-0.3	6.3	mg/L	9785	0.2	1	7/15/2002	7/28/2002
057936-046A	N99-0.6	16	mg/L	9785	0.4	2	7/15/2002	7/28/2002
057936-047A	N99-0.9	24	mg/L	9786	0.8	4	7/15/2002	7/28/2002
057936-049A	N100-0.3	41	mg/L	9786	2	10	7/15/2002	7/28/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



LEAD BY ATOMIC ABSORPTION  
WET/ EPA 7420

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057936
<b>Project:</b>	Rte 5-NB, 9100-06-49	<b>Date Received:</b>	7/15/2002 6:36:0
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	NS

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057936-051A	N101-0.3	13	mg/L	9786	0.4	2	7/15/2002	7/28/2002
057936-052A	N101-0.6	48	mg/L	9786	2	10	7/15/2002	7/28/2002
057936-053A	N102-S	57	mg/L	9786	2	10	7/15/2002	7/28/2002
057936-054A	N102-0.3	53	mg/L	9786	2	10	7/15/2002	7/28/2002
057936-055A	N103-S	78	mg/L	9786	2	10	7/15/2002	7/28/2002
057936-056A	N103-0.3	69	mg/L	9786	2	10	7/15/2002	7/28/2002
057936-057A	N104-S	82	mg/L	9786	2	10	7/15/2002	7/28/2002
057936-058A	N104-0.3	24	mg/L	9786	0.8	4	7/15/2002	7/28/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



LEAD BY ATOMIC ABSORPTION  
EPA 1311/ 7420

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057936
<b>Project:</b>	Rte 5-NB, 9100-06-49	<b>Date Received:</b>	7/15/2002 6:36:0
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	JT

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057936-003A	N87-S	3.6	mg/L	9850	0.2	1	7/15/2002	7/26/2002
057936-005A	N87-0.6	3.7	mg/L	9850	0.2	1	7/15/2002	7/26/2002
057936-006A	N88-S	8.4	mg/L	9850	0.2	1	7/15/2002	7/26/2002
057936-008A	N88-0.6	7.2	mg/L	9850	0.2	1	7/15/2002	7/26/2002
057936-018A	N91-0.3	3.0	mg/L	9850	0.2	1	7/15/2002	7/26/2002
057936-019A	N91-0.6	5.6	mg/L	9850	0.2	1	7/15/2002	7/26/2002
057936-020A	N91-0.9	4.7	mg/L	9850	0.2	1	7/15/2002	7/26/2002
057936-021A	N92-S	8.4	mg/L	9850	0.2	1	7/15/2002	7/26/2002
057936-044A	N99-S	2.3	mg/L	9850	0.2	1	7/15/2002	7/26/2002
057936-045A	N99-0.3	4.9	mg/L	9850	0.2	1	7/15/2002	7/26/2002
057936-048A	N100-S	1.8	mg/L	9851	0.2	1	7/15/2002	7/26/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



**LEAD BY ATOMIC ABSORPTION  
EPA 1311/7420**

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057936
<b>Project:</b>	Rte 5-NB, 9100-06-49	<b>Date Received:</b>	7/15/2002 6:36:0
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	JT

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057936-050A	N101-S	1.2	mg/L	9851	0.2	1	7/15/2002	7/26/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



LEAD BY ATOMIC ABSORPTION  
WET DI/ EPA 7420

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057936
<b>Project:</b>	Rte 5-NB, 9100-06-49	<b>Date Received:</b>	7/15/2002 6:36:0
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	JT

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057936-001A	N86-S	1.8	mg/L	9774	0.2	1	7/15/2002	7/28/2002
057936-002A	N86-0.3	0.88	mg/L	9774	0.2	1	7/15/2002	7/28/2002
057936-004A	N87-0.3	1.4	mg/L	9774	0.2	1	7/15/2002	7/28/2002
057936-007A	N88-0.3	0.36	mg/L	9774	0.2	1	7/15/2002	7/28/2002
057936-009A	N88-0.9	1.7	mg/L	9774	0.2	1	7/15/2002	7/28/2002
057936-010A	N89-S	ND	mg/L	9774	0.2	1	7/15/2002	7/28/2002
057936-013A	N90-S	0.60	mg/L	9774	0.2	1	7/15/2002	7/28/2002
057936-014A	N90-0.3	0.33	mg/L	9774	0.2	1	7/15/2002	7/28/2002
057936-015A	N90-0.6	0.77	mg/L	9774	0.2	1	7/15/2002	7/28/2002
057936-017A	N91-S	ND	mg/L	9774	0.2	1	7/15/2002	7/28/2002
057936-022A	N92-0.3	0.58	mg/L	9774	0.2	1	7/15/2002	7/28/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



**LEAD BY ATOMIC ABSORPTION  
WET DI/ EPA 7420**

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057936
<b>Project:</b>	Rte 5-NB, 9100-06-49	<b>Date Received:</b>	7/15/2002 6:36:0
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	JT

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057936-023A	N92-0.6	0.75	mg/L	9774	0.2	1	7/15/2002	7/28/2002
057936-025A	N93-S	0.78	mg/L	9774	0.2	1	7/15/2002	7/28/2002
057936-026A	N93-0.3	0.95	mg/L	9775	0.2	1	7/15/2002	7/28/2002
057936-027A	N93-0.6	0.78	mg/L	9775	0.2	1	7/15/2002	7/28/2002
057936-028A	N94-S	1.2	mg/L	9775	0.2	1	7/15/2002	7/28/2002
057936-029A	N94-0.3	1.3	mg/L	9775	0.2	1	7/15/2002	7/28/2002
057936-030A	N94-0.6	ND	mg/L	9775	0.2	1	7/15/2002	7/28/2002
057936-031A	N94-0.9	0.27	mg/L	9775	0.2	1	7/15/2002	7/28/2002
057936-032A	N95-S	0.46	mg/L	9775	0.2	1	7/15/2002	7/28/2002
057936-033A	N95-0.3	2.3	mg/L	9775	0.2	1	7/15/2002	7/28/2002
057936-034A	N95-0.6	1.2	mg/L	9775	0.2	1	7/15/2002	7/28/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



**LEAD BY ATOMIC ABSORPTION  
WET DI/ EPA 7420**

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057936
<b>Project:</b>	Rte 5-NB, 9100-06-49	<b>Date Received:</b>	7/15/2002 6:36:0
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	JT

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057936-035A	N95-0.9	2.6	mg/L	9775	0.2	1	7/15/2002	7/28/2002
057936-036A	N96-S	1.5	mg/L	9775	0.2	1	7/15/2002	7/28/2002
057936-038A	N96-0.6	ND	mg/L	9775	0.2	1	7/15/2002	7/28/2002
057936-039A	N97-S	0.38	mg/L	9775	0.2	1	7/15/2002	7/28/2002
057936-040A	N98-S	0.29	mg/L	9775	0.2	1	7/15/2002	7/28/2002
057936-041A	N98-0.3	0.21	mg/L	9775	0.2	1	7/15/2002	7/28/2002
057936-046A	N99-0.6	0.21	mg/L	9775	0.2	1	7/15/2002	7/28/2002
057936-047A	N99-0.9	0.67	mg/L	9775	0.2	1	7/15/2002	7/28/2002
057936-049A	N100-0.3	0.43	mg/L	9775	0.2	1	7/15/2002	7/28/2002
057936-051A	N101-0.3	0.22	mg/L	9775	0.2	1	7/15/2002	7/28/2002
057936-052A	N101-0.6	0.38	mg/L	9777	0.2	1	7/15/2002	7/28/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



LEAD BY ATOMIC ABSORPTION  
WET DI/ EPA 7420

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057936
<b>Project:</b>	Rte 5-NB, 9100-06-49	<b>Date Received:</b>	7/15/2002 6:36:0
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	JT

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057936-053A	N102-S	0.28	mg/L	9777	0.2	1	7/15/2002	7/28/2002
057936-054A	N102-0.3	0.30	mg/L	9777	0.2	1	7/15/2002	7/28/2002
057936-055A	N103-S	0.56	mg/L	9777	0.2	1	7/15/2002	7/28/2002
057936-056A	N103-0.3	0.68	mg/L	9777	0.2	1	7/15/2002	7/28/2002
057936-057A	N104-S	0.74	mg/L	9777	0.2	1	7/15/2002	7/28/2002
057936-058A	N104-0.3	0.48	mg/L	9777	0.2	1	7/15/2002	7/28/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



# Advanced Technology Laboratories

Date: 30-Jul-02

**CLIENT:** Geocon Environmental **Client Sample ID:** N91-0.6  
**Lab Order:** 057936  
**Project:** Rte 5-NB, 9100-06-49 **Collection Date:** 7/15/2002  
**Lab ID:** 057936-019A **Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS</b>						
	<b>(EPA 3050A)</b>		<b>EPA 6010B</b>			
RunID: ICP2_020729D	QC Batch: 9917					Analyst: RQ
Antimony	2.5	0.25		mg/Kg	1	7/29/2002
Arsenic	12	0.25		mg/Kg	1	7/29/2002
Barium	180	0.15		mg/Kg	1	7/29/2002
Beryllium	ND	0.15		mg/Kg	1	7/29/2002
Cadmium	ND	0.15		mg/Kg	1	7/29/2002
Chromium	23	0.15		mg/Kg	1	7/29/2002
Cobalt	6.5	0.15		mg/Kg	1	7/29/2002
Copper	110	0.15		mg/Kg	1	7/29/2002
Lead	3800	2.5		mg/Kg	10	7/29/2002
Molybdenum	3.0	0.25		mg/Kg	1	7/29/2002
Nickel	22	0.15		mg/Kg	1	7/29/2002
Selenium	ND	0.25		mg/Kg	1	7/29/2002
Silver	ND	0.15		mg/Kg	1	7/29/2002
Thallium	1.0	0.25		mg/Kg	1	7/29/2002
Vanadium	24	0.15		mg/Kg	1	7/29/2002
Zinc	610	0.50		mg/Kg	1	7/29/2002

## MERCURY BY COLD VAPOR TECHNIQUE

	<b>(EPA 7471)</b>		<b>EPA 7471A</b>			
RunID: AA1_020729C	QC Batch: 9921					Analyst: NS
Mercury	ND	0.10		mg/Kg	1	7/29/2002

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike/Surrogate outside of limits due to matrix interfere  
 J - Analyte detected below quantitation limits              H - Sample exceeded analytical holding time  
 B - Analyte detected in the associated Method Blank        E - Value above quantitation range  
 DO - Surrogate Diluted Out                                        Results are wet unless otherwise specified



# Advanced Technology Laboratories

Date: 30-Jul-02

**CLIENT:** Geocon Environmental  
**Lab Order:** 057936  
**Project:** Rte 5-NB, 9100-06-49  
**Lab ID:** 057936-021A

**Client Sample ID:** N92-S  
**Collection Date:** 7/15/2002  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
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## ICP METALS

(EPA 3050A)

EPA 6010B

RunID:	ICP2_020729E	QC Batch:	9918				Analyst: RQ
Antimony	2.5	0.25	mg/Kg	1	7/29/2002		
Arsenic	14	0.25	mg/Kg	1	7/29/2002		
Barium	210	0.15	mg/Kg	1	7/29/2002		
Beryllium	ND	0.15	mg/Kg	1	7/29/2002		
Cadmium	ND	0.15	mg/Kg	1	7/29/2002		
Chromium	28	0.15	mg/Kg	1	7/29/2002		
Cobalt	8.5	0.15	mg/Kg	1	7/29/2002		
Copper	73	0.15	mg/Kg	1	7/29/2002		
Lead	4000	2.5	mg/Kg	10	7/29/2002		
Molybdenum	3.0	0.25	mg/Kg	1	7/29/2002		
Nickel	22	0.15	mg/Kg	1	7/29/2002		
Selenium	ND	0.25	mg/Kg	1	7/29/2002		
Silver	ND	0.15	mg/Kg	1	7/29/2002		
Thallium	1.0	0.25	mg/Kg	1	7/29/2002		
Vanadium	40	0.15	mg/Kg	1	7/29/2002		
Zinc	550	0.50	mg/Kg	1	7/29/2002		

## MERCURY BY COLD VAPOR TECHNIQUE

(EPA 7471)

EPA 7471A

RunID:	AA1_020729C	QC Batch:	9921				Analyst: NS
Mercury	ND	0.10	mg/Kg	1	7/29/2002		

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike/Surrogate outside of limits due to matrix interfere  
 J - Analyte detected below quantitation limits      H - Sample exceeded analytical holding time  
 B - Analyte detected in the associated Method Blank      E - Value above quantitation range  
 DO - Surrogate Diluted Out      Results are wet unless otherwise specified

Page 2 of 2





Advanced Technology Laboratories

Date: 22-Jul-02

CLIENT: Geocon Environmental
Work Order: 057936
Project: Rte 5-NB, 9100-06-49

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010\_SPB

Table with 12 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, Analysis Date, SeqNo, Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual. Row 1: MB-9612A, MBLK, 6010\_SPB, mg/Kg, 7/17/2002, ICP5\_020719F, ZZZZZ, 9612, EPA 6010B (EPA 3050M), 7/19/2002, 301882, Lead, ND, 5.0

Table with 12 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, Analysis Date, SeqNo, Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual. Row 1: MB-9612B, MBLK, 6010\_SPB, mg/Kg, 7/17/2002, ICP5\_020719F, ZZZZZ, 9612, EPA 6010B (EPA 3050M), 7/19/2002, 301883, Lead, 0.2211, 5.0

Table with 12 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, Analysis Date, SeqNo, Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual. Row 1: MB-9613A, MBLK, 6010\_SPB, mg/Kg, 7/17/2002, ICP5\_020719G, ZZZZZ, 9613, EPA 6010B (EPA 3050M), 7/19/2002, 301932, Lead, ND, 5.0

Table with 12 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, Analysis Date, SeqNo, Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual. Row 1: MB-9613B, MBLK, 6010\_SPB, mg/Kg, 7/17/2002, ICP5\_020719G, ZZZZZ, 9613, EPA 6010B (EPA 3050M), 7/19/2002, 301933, Lead, ND, 5.0

Table with 12 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, Analysis Date, SeqNo, Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual. Row 1: MB-9614A, MBLK, 6010\_SPB, mg/Kg, 7/17/2002, ICP5\_020719H, ZZZZZ, 9614, EPA 6010B (EPA 3050M), 7/19/2002, 301984, Lead, ND, 5.0

Qualifiers: ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits DO- Surrogate dilute out
J - Analyte detected below quantitation limits B - Analyte detected in the associated Method Blank H - Sample exceeded holding time
R - RPD outside accepted recovery limits Calculations are based on raw values



CLIENT: Geocon Environmental  
Work Order: 057936  
Project: Rte 5-NB, 9100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 6010\_SPB

Sample ID	MB-9614B	SampType:	MBLK	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/17/2002	Run ID:	ICP5_020719H			
Client ID:	ZZZZZ	Batch ID:	9614	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/19/2002	SeqNo:	301985			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 0.224 5.0 J

Sample ID	LCS-9612	SampType:	LCS	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/17/2002	Run ID:	ICP5_020719F			
Client ID:	ZZZZZ	Batch ID:	9612	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/19/2002	SeqNo:	301881			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 217.8 5.0 250 0 87.1 80 120 0 0

Sample ID	LCS-9613	SampType:	LCS	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/17/2002	Run ID:	ICP5_020719G			
Client ID:	ZZZZZ	Batch ID:	9613	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/19/2002	SeqNo:	301931			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 228.9 5.0 250 0 91.6 80 120 0 0

Sample ID	LCS-9614	SampType:	LCS	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/17/2002	Run ID:	ICP5_020719H			
Client ID:	ZZZZZ	Batch ID:	9614	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/19/2002	SeqNo:	301983			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 223 5.0 250 0 89.2 80 120 0 0

Sample ID	057936-010AMS	SampType:	MS	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/17/2002	Run ID:	ICP5_020719F			
Client ID:	N89-S	Batch ID:	9612	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/19/2002	SeqNo:	301866			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 264 5.0 250 195.7 27.3 47 128 0 0 S

Qualifiers: ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits B - Analyte detected in the associated Method Blank H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits Calculations are based on raw values



CLIENT: Geocon Environmental  
Work Order: 057936  
Project: Rte 5-NB, 9100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 6010\_SPB

Sample ID	057936-020AMS	SampType:	MS	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/17/2002	Run ID:	ICP5_020719F		
Client ID:	N91-0.9	Batch ID:	9612	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/19/2002	SeqNo:	301878		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead		3270		5.0	250	1277	797	47	128	0	0		S
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Sample ID	057936-030AMS	SampType:	MS	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/17/2002	Run ID:	ICP5_020719G		
Client ID:	N94-0.6	Batch ID:	9613	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/19/2002	SeqNo:	301916		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead		244.7		5.0	250	72.63	68.8	47	128	0	0		
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Sample ID	057936-040AMS	SampType:	MS	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/17/2002	Run ID:	ICP5_020719G		
Client ID:	N98-S	Batch ID:	9613	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/19/2002	SeqNo:	301928		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead		601.6		5.0	250	336.4	106	47	128	0	0		
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Sample ID	057936-050AMS	SampType:	MS	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/17/2002	Run ID:	ICP5_020719H		
Client ID:	N101-S	Batch ID:	9614	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/19/2002	SeqNo:	301969		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead		1184		5.0	250	1119	25.8	47	128	0	0		S
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Sample ID	057936-060AMS	SampType:	MS	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/17/2002	Run ID:	ICP5_020719H		
Client ID:	N104-0.9	Batch ID:	9614	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/19/2002	SeqNo:	301981		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead		225.6		5.0	250	43.56	72.8	47	128	0	0		
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**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 I - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



CLIENT: Geocon Environmental  
Work Order: 057936  
Project: Rte 5-NB, 9100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 6010\_SPB

Sample ID	057936-010ADUP	SampType:	DUP	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/17/2002	Run ID:	ICP5_020719F			
Client ID:	N89-S	Batch ID:	9612	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/19/2002	SeqNo:	301865			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 210.7 5.0 0 0 0 0 0 0 195.7 7.34 30

Sample ID	057936-020ADUP	SampType:	DUP	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/17/2002	Run ID:	ICP5_020719F			
Client ID:	N91-0.9	Batch ID:	9612	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/19/2002	SeqNo:	301877			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 1728 5.0 0 0 0 0 0 0 1277 30.0 30 R

Sample ID	057936-030ADUP	SampType:	DUP	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/17/2002	Run ID:	ICP5_020719G			
Client ID:	N94-0.6	Batch ID:	9613	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/19/2002	SeqNo:	301915			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 95.61 5.0 0 0 0 0 0 0 72.63 27.3 30

Sample ID	057936-040ADUP	SampType:	DUP	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/17/2002	Run ID:	ICP5_020719G			
Client ID:	N98-S	Batch ID:	9613	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/19/2002	SeqNo:	301927			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 609.3 5.0 0 0 0 0 0 0 336.4 57.7 30 R

Sample ID	057936-050ADUP	SampType:	DUP	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/17/2002	Run ID:	ICP5_020719H			
Client ID:	N101-S	Batch ID:	9614	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/19/2002	SeqNo:	301968			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 1224 5.0 0 0 0 0 0 0 1119 8.92 30

Qualifiers: ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO - Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



CLIENT: Geocon Environmental  
Work Order: 057936  
Project: Rte 5-NB, 9100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 6010\_SPB

Sample ID	057936-060ADUP	SampType:	DUP	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/17/2002	Run ID:	ICP5_020719H		
Client ID:	N104-0.9	Batch ID:	9614	TestNo:	EPA 6010B (EPA 3050M)			Analysis Date:	7/19/2002	SeqNo:	301980		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead		37.8		5.0	0	0	0	0	0	43.56	14.2	30	

Qualifiers: ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 I - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



CLIENT: Geocon Environmental  
Work Order: 057936  
Project: Rte 5-NB, 9100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 6010\_WPB

Sample ID	MB-9623	SampType:	MBLK	TestCode:	6010_WPB	Units:	mg/L	Prep Date:	7/17/2002	Run ID:	ICP2_020718A			
Client ID:	ZZZZZ	Batch ID:	9623	TestNo:	EPA 6010B (EPA 3010A)			Analysis Date:	7/18/2002	SeqNo:	300879			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead ND 0.0050

Sample ID	LCS-9623	SampType:	LCS	TestCode:	6010_WPB	Units:	mg/L	Prep Date:	7/17/2002	Run ID:	ICP2_020718A			
Client ID:	ZZZZZ	Batch ID:	9623	TestNo:	EPA 6010B (EPA 3010A)			Analysis Date:	7/18/2002	SeqNo:	300880			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 0.94 0.0050 1 0 94 80 120 0 0

Sample ID	057936-066AMS	SampType:	MS	TestCode:	6010_WPB	Units:	mg/L	Prep Date:	7/17/2002	Run ID:	ICP2_020718A			
Client ID:	C34	Batch ID:	9623	TestNo:	EPA 6010B (EPA 3010A)			Analysis Date:	7/18/2002	SeqNo:	300891			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 2.43 0.0050 2.5 0 97.2 66 118 0 0

Sample ID	057936-066ADUP	SampType:	DUP	TestCode:	6010_WPB	Units:	mg/L	Prep Date:	7/17/2002	Run ID:	ICP2_020718A			
Client ID:	C34	Batch ID:	9623	TestNo:	EPA 6010B (EPA 3010A)			Analysis Date:	7/18/2002	SeqNo:	300890			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead ND 0.0050 0 0 0 0 0 0 0 0 0 30

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



CLIENT: Geocon Environmental  
Work Order: 057936  
Project: Rte 5-NB, 9100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 9045\_S

Sample ID	057936-020A-DUP	SampType:	DUP	TestCode:	9045_S	Units:	pH Units	Prep Date:	7/19/2002	Run ID:	WETCHEM_020719A		
Client ID:	N91-0.9	Batch ID:	R19556	TestNo:	EPA 9045C			Analysis Date:	7/19/2002	SeqNo:	301616		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

pH		7.065		0.10	0	0	0	0	0	6.97	1.35	20	
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Sample ID	057937-050A-DUP	SampType:	DUP	TestCode:	9045_S	Units:	pH Units	Prep Date:	7/19/2002	Run ID:	WETCHEM_020719B		
Client ID:	ZZZZZ	Batch ID:	R19558	TestNo:	EPA 9045C			Analysis Date:	7/19/2002	SeqNo:	301637		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

pH		7.979		0.10	0	0	0	0	0	7.856	1.55	20	
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**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



Advanced Technology Laboratories

Date: 29-Jul-02

CLIENT: Geocon Environmental
Work Order: 057936
Project: Rte 5-NB, 9100-06-49

ANALYTICAL QC SUMMARY REPORT

TestCode: 7420\_ST

Table with 12 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, Analysis Date, SeqNo, Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual. Row 1: MB-9784, mblk, 7420\_ST, mg/L, 7/26/2002, AA2\_020726M, ZZZZZ, 9784, WET/ EPA 74 (WET), 7/26/2002, 307497, Lead, ND, 0.20

Table with 12 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, Analysis Date, SeqNo, Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual. Row 1: MB-9784A, mblk, 7420\_ST, mg/L, 7/24/2002, AA2\_020726M, ZZZZZ, 9784, WET/ EPA 74 (WET), 7/26/2002, 307498, Lead, 0.0712, 0.20

Table with 12 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, Analysis Date, SeqNo, Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual. Row 1: MB-9784B, mblk, 7420\_ST, mg/L, 7/24/2002, AA2\_020726M, ZZZZZ, 9784, WET/ EPA 74 (WET), 7/26/2002, 307511, Lead, 0.08088, 0.20

Table with 12 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, Analysis Date, SeqNo, Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual. Row 1: MB-9785, MBLK, 7420\_ST, mg/L, 7/28/2002, AA2\_020728A, ZZZZZ, 9785, WET/ EPA 74 (WET), 7/28/2002, 308225, Lead, ND, 0.20

Table with 12 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, Analysis Date, SeqNo, Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual. Row 1: MB-9785A, MBLK, 7420\_ST, mg/L, 7/24/2002, AA2\_020728A, ZZZZZ, 9785, WET/ EPA 74 (WET), 7/28/2002, 308226, Lead, 0.04995, 0.20

Qualifiers: ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits DO- Surrogate dilute out
J - Analyte detected below quantitation limits B - Analyte detected in the associated Method Blank H - Sample exceeded holding time
R - RPD outside accepted recovery limits Calculations are based on raw values



CLIENT: Geocon Environmental  
Work Order: 057936  
Project: Rte 5-NB, 9100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 7420\_ST

Sample ID	MB-9785B	SampType:	MBLK	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/24/2002	Run ID:	AA2_020728A			
Client ID:	ZZZZZ	Batch ID:	9785	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/28/2002	SeqNo:	308239			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead ND 0.20

Sample ID	MB-9786	SampType:	MBLK	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/28/2002	Run ID:	AA2_020728B			
Client ID:	ZZZZZ	Batch ID:	9786	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/28/2002	SeqNo:	308254			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead ND 0.20

Sample ID	MB-9786A	SampType:	MBLK	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/24/2002	Run ID:	AA2_020728B			
Client ID:	ZZZZZ	Batch ID:	9786	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/28/2002	SeqNo:	308255			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead ND 0.20

Sample ID	MB-9786B	SampType:	MBLK	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/24/2002	Run ID:	AA2_020728B			
Client ID:	ZZZZZ	Batch ID:	9786	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/28/2002	SeqNo:	308268			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead ND 0.20

Sample ID	LCS-9784	SampType:	Ics	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/26/2002	Run ID:	AA2_020726M			
Client ID:	ZZZZZ	Batch ID:	9784	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/26/2002	SeqNo:	307525			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 7.862 0.20 7.5 0 105 80 120 0 0

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



**CLIENT:** Geocon Environmental  
**Work Order:** 057936  
**Project:** Rte 5-NB, 9100-06-49

### ANALYTICAL QC SUMMARY REPORT

**TestCode:** 7420\_ST

Sample ID	<b>LCS-9785</b>	SampType:	<b>LCS</b>	TestCode:	<b>7420_ST</b>	Units:	<b>mg/L</b>	Prep Date:	<b>7/28/2002</b>	Run ID:	<b>AA2_020728A</b>												
Client ID:	<b>ZZZZZ</b>	Batch ID:	<b>9785</b>	TestNo:	<b>WET/ EPA 74 (WET)</b>			Analysis Date:	<b>7/28/2002</b>	SeqNo:	<b>308253</b>												
Analyte		Result		PQL		SPK value		SPK Ref Val		%REC		LowLimit		HighLimit		RPD Ref Val		%RPD		RPDLimit		Qual	

Lead 7.42 0.20 7.5 0 98.9 80 120 0 0

Sample ID	<b>LCS-9786</b>	SampType:	<b>LCS</b>	TestCode:	<b>7420_ST</b>	Units:	<b>mg/L</b>	Prep Date:	<b>7/28/2002</b>	Run ID:	<b>AA2_020728B</b>												
Client ID:	<b>ZZZZZ</b>	Batch ID:	<b>9786</b>	TestNo:	<b>WET/ EPA 74 (WET)</b>			Analysis Date:	<b>7/28/2002</b>	SeqNo:	<b>308282</b>												
Analyte		Result		PQL		SPK value		SPK Ref Val		%REC		LowLimit		HighLimit		RPD Ref Val		%RPD		RPDLimit		Qual	

Lead 7.318 0.20 7.5 0 97.6 80 120 0 0

Sample ID	<b>057936-001AMS</b>	SampType:	<b>MS</b>	TestCode:	<b>7420_ST</b>	Units:	<b>mg/L</b>	Prep Date:	<b>7/26/2002</b>	Run ID:	<b>AA2_020726M</b>												
Client ID:	<b>N86-S</b>	Batch ID:	<b>9784</b>	TestNo:	<b>WET/ EPA 74 (WET)</b>			Analysis Date:	<b>7/26/2002</b>	SeqNo:	<b>307510</b>												
Analyte		Result		PQL		SPK value		SPK Ref Val		%REC		LowLimit		HighLimit		RPD Ref Val		%RPD		RPDLimit		Qual	

Lead 197.9 4.0 100 94.59 103 80 120 0 0

Sample ID	<b>057936-017AMS</b>	SampType:	<b>MS</b>	TestCode:	<b>7420_ST</b>	Units:	<b>mg/L</b>	Prep Date:	<b>7/26/2002</b>	Run ID:	<b>AA2_020726M</b>												
Client ID:	<b>N91-S</b>	Batch ID:	<b>9784</b>	TestNo:	<b>WET/ EPA 74 (WET)</b>			Analysis Date:	<b>7/26/2002</b>	SeqNo:	<b>307523</b>												
Analyte		Result		PQL		SPK value		SPK Ref Val		%REC		LowLimit		HighLimit		RPD Ref Val		%RPD		RPDLimit		Qual	

Lead 32.31 0.80 20 12.94 96.8 80 120 0 0

Sample ID	<b>057936-032AMS</b>	SampType:	<b>MS</b>	TestCode:	<b>7420_ST</b>	Units:	<b>mg/L</b>	Prep Date:	<b>7/28/2002</b>	Run ID:	<b>AA2_020728A</b>												
Client ID:	<b>N95-S</b>	Batch ID:	<b>9785</b>	TestNo:	<b>WET/ EPA 74 (WET)</b>			Analysis Date:	<b>7/28/2002</b>	SeqNo:	<b>308238</b>												
Analyte		Result		PQL		SPK value		SPK Ref Val		%REC		LowLimit		HighLimit		RPD Ref Val		%RPD		RPDLimit		Qual	

Lead 82.2 2.0 50 33.1 98.2 80 120 0 0

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



CLIENT: Geocon Environmental  
Work Order: 057936  
Project: Rte 5-NB, 9100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 7420\_ST

Sample ID	057936-046AMS	SampType:	MS	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/28/2002	Run ID:	AA2_020728A			
Client ID:	N99-0.6	Batch ID:	9785	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/28/2002	SeqNo:	308251			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead		35.56		0.80	20	16.44		95.6	80	120	0		0	

Sample ID	057936-058AMS	SampType:	MS	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/28/2002	Run ID:	AA2_020728B			
Client ID:	N104-0.3	Batch ID:	9786	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/28/2002	SeqNo:	308267			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead		74.93		2.0	50	23.6		103	80	120	0		0	

Sample ID	057937-014AMS	SampType:	MS	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/28/2002	Run ID:	AA2_020728B			
Client ID:	ZZZZZ	Batch ID:	9786	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/28/2002	SeqNo:	308280			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead		148.8		4.0	100	51.97		96.8	80	120	0		0	

Sample ID	057936-001ADUP	SampType:	DUP	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/24/2002	Run ID:	AA2_020726M			
Client ID:	N86-S	Batch ID:	9784	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/26/2002	SeqNo:	307509			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead		93.43		2.0	0	0		0	0	0	94.59	1.24	30	

Sample ID	057936-017ADUP	SampType:	DUP	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/24/2002	Run ID:	AA2_020726M			
Client ID:	N91-S	Batch ID:	9784	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/26/2002	SeqNo:	307522			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead		12.85		0.40	0	0		0	0	0	12.94	0.750	30	

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



CLIENT: Geocon Environmental  
Work Order: 057936  
Project: Rte 5-NB, 9100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 7420\_ST

Sample ID	057936-032ADUP	SampType:	DUP	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/24/2002	Run ID:	AA2_020728A		
Client ID:	N95-S	Batch ID:	9785	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/28/2002	SeqNo:	308237		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	26.7	0.80	0	0	0	0	0	0	0	33.1	21.4	30	
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Sample ID	057936-046ADUP	SampType:	DUP	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/24/2002	Run ID:	AA2_020728A		
Client ID:	N99-0.6	Batch ID:	9785	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/28/2002	SeqNo:	308250		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	14.91	0.40	0	0	0	0	0	0	0	16.44	9.81	30	
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Sample ID	057936-058ADUP	SampType:	DUP	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/24/2002	Run ID:	AA2_020728B		
Client ID:	N104-0.3	Batch ID:	9786	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/28/2002	SeqNo:	308266		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	13.36	0.80	0	0	0	0	0	0	0	23.6	55.4	30	R
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Sample ID	057937-014ADUP	SampType:	DUP	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/24/2002	Run ID:	AA2_020728B		
Client ID:	ZZZZZ	Batch ID:	9786	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/28/2002	SeqNo:	308279		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	53.38	2.0	0	0	0	0	0	0	0	51.97	2.67	30	
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Qualifiers: ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



Advanced Technology Laboratories

Date: 29-Jul-02

CLIENT: Geocon Environmental
Work Order: 057936
Project: Rte 5-NB, 9100-06-49

ANALYTICAL QC SUMMARY REPORT

TestCode: 7420\_TC

Table with 12 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, Analysis Date, SeqNo, Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual. Contains 5 data rows for different samples.

Qualifiers: ND - Not Detected at the Reporting Limit, S - Spike Recovery outside accepted recovery limits, DO - Surrogate dilute out, J - Analyte detected below quantitation limits, B - Analyte detected in the associated Method Blank, H - Sample exceeded holding time, R - RPD outside accepted recovery limits, Calculations are based on raw values



CLIENT: Geocon Environmental  
Work Order: 057936  
Project: Rte 5-NB, 9100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 7420\_TC

Sample ID	LCS-9851	SampType:	LCS	TestCode:	7420_TC	Units:	mg/L	Prep Date:	7/25/2002	Run ID:	AA2_020726B		
Client ID:	ZZZZZ	Batch ID:	9851	TestNo:	EPA 1311/ 74 (EPA 3010A)			Analysis Date:	7/26/2002	SeqNo:	306785		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead		1.138		0.20	1	0	114	80	120	0	0		
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Sample ID	057936-045AMS	SampType:	MS	TestCode:	7420_TC	Units:	mg/L	Prep Date:	7/25/2002	Run ID:	AA2_020726A		
Client ID:	N99-0.3	Batch ID:	9850	TestNo:	EPA 1311/ 74 (EPA 3010A)			Analysis Date:	7/26/2002	SeqNo:	306756		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead		8.665		0.20	2.5	4.856	152	80	120	0	0		S
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Sample ID	057937-051AMS	SampType:	MS	TestCode:	7420_TC	Units:	mg/L	Prep Date:	7/25/2002	Run ID:	AA2_020726B		
Client ID:	ZZZZZ	Batch ID:	9851	TestNo:	EPA 1311/ 74 (EPA 3010A)			Analysis Date:	7/26/2002	SeqNo:	306783		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead		6.541		0.20	2.5	4.893	65.9	80	120	0	0		S
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Sample ID	057936-045ADUP	SampType:	DUP	TestCode:	7420_TC	Units:	mg/L	Prep Date:	7/25/2002	Run ID:	AA2_020726A		
Client ID:	N99-0.3	Batch ID:	9850	TestNo:	EPA 1311/ 74 (EPA 3010A)			Analysis Date:	7/26/2002	SeqNo:	306755		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead		2.886		0.20	0	0	0	0	0	4.856	50.9	30	R
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Sample ID	057937-051ADUP	SampType:	DUP	TestCode:	7420_TC	Units:	mg/L	Prep Date:	7/25/2002	Run ID:	AA2_020726B		
Client ID:	ZZZZZ	Batch ID:	9851	TestNo:	EPA 1311/ 74 (EPA 3010A)			Analysis Date:	7/26/2002	SeqNo:	306781		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead		4.12		0.20	0	0	0	0	0	4.893	17.2	30	
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Qualifiers: ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



Advanced Technology Laboratories

Date: 29-Jul-02

CLIENT: Geocon Environmental
Work Order: 057936
Project: Rte 5-NB, 9100-06-49

ANALYTICAL QC SUMMARY REPORT

TestCode: 7420\_DI

Table with 13 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, Analysis Date, SeqNo, Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual. Row 1: MB-9774, MBLK, 7420\_DI, mg/L, 7/28/2002, AA2\_020728F, ZZZZZ, 9774, WET DI/ EPA (WET), 7/28/2002, 308380, Lead, ND, 0.20

Table with 13 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, Analysis Date, SeqNo, Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual. Row 1: MB-9774A, MBLK, 7420\_DI, mg/L, 7/23/2002, AA2\_020728F, ZZZZZ, 9774, WET DI/ EPA (WET), 7/28/2002, 308381, Lead, ND, 0.20

Table with 13 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, Analysis Date, SeqNo, Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual. Row 1: MB-9774B, MBLK, 7420\_DI, mg/L, 7/23/2002, AA2\_020728F, ZZZZZ, 9774, WET DI/ EPA (WET), 7/28/2002, 308394, Lead, ND, 0.20

Table with 13 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, Analysis Date, SeqNo, Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual. Row 1: MB-9775, MBLK, 7420\_DI, mg/L, 7/28/2002, AA2\_020728G, ZZZZZ, 9775, WET DI/ EPA (WET), 7/28/2002, 308409, Lead, 0.04964, 0.20

Table with 13 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, Analysis Date, SeqNo, Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual. Row 1: MB-9775A, MBLK, 7420\_DI, mg/L, 7/23/2002, AA2\_020728G, ZZZZZ, 9775, WET DI/ EPA (WET), 7/28/2002, 308410, Lead, ND, 0.20

Qualifiers: ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits DO- Surrogate dilute out
I - Analyte detected below quantitation limits B - Analyte detected in the associated Method Blank H - Sample exceeded holding time
R - RPD outside accepted recovery limits Calculations are based on raw values



CLIENT: Geocon Environmental  
Work Order: 057936  
Project: Rte 5-NB, 9100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 7420\_DI

Sample ID	MB-9775B	SampType:	MBLK	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020728G			
Client ID:	ZZZZZ	Batch ID:	9775	TestNo:	WET DI/ EPA (WET)			Analysis Date:	7/28/2002	SeqNo:	308423			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead ND 0.20

Sample ID	MB-9777	SampType:	MBLK	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/28/2002	Run ID:	AA2_020728H			
Client ID:	ZZZZZ	Batch ID:	9777	TestNo:	WET DI/ EPA (WET)			Analysis Date:	7/28/2002	SeqNo:	308438			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 0.07936 0.20

Sample ID	MB-9777A	SampType:	MBLK	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020728H			
Client ID:	ZZZZZ	Batch ID:	9777	TestNo:	WET DI/ EPA (WET)			Analysis Date:	7/28/2002	SeqNo:	308439			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead ND 0.20

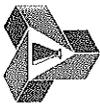
Sample ID	MB-9777B	SampType:	MBLK	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020728H			
Client ID:	ZZZZZ	Batch ID:	9777	TestNo:	WET DI/ EPA (WET)			Analysis Date:	7/28/2002	SeqNo:	308452			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead ND 0.20

Sample ID	LCS-9774	SampType:	LCS	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/28/2002	Run ID:	AA2_020728F			
Client ID:	ZZZZZ	Batch ID:	9774	TestNo:	WET DI/ EPA (WET)			Analysis Date:	7/28/2002	SeqNo:	308408			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 7.461 0.20 7.5 0 99.5 80 120 0 0

Qualifiers: ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
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 R - RPD outside accepted recovery limits      Calculations are based on raw values



CLIENT: Geocon Environmental  
Work Order: 057936  
Project: Rte 5-NB, 9100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 7420\_DI

Sample ID	LCS-9775	SampType:	LCS	TestCode:	7420_DI	Units:	mg/L	Prep Date:		Run ID:	AA2_020728G			
Client ID:	ZZZZZ	Batch ID:	9775	TestNo:	WET DI/ EPA (WET)			Analysis Date:	7/28/2002	SeqNo:	308437			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	7.528	0.20	7.5	0	100	80	120	0	0					
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Sample ID	LCS-9777	SampType:	LCS	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/28/2002	Run ID:	AA2_020728H			
Client ID:	ZZZZZ	Batch ID:	9777	TestNo:	WET DI/ EPA (WET)			Analysis Date:	7/28/2002	SeqNo:	308466			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	7.496	0.20	7.5	0	99.9	80	120	0	0					
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Sample ID	057936-007AMS	SampType:	MS	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/28/2002	Run ID:	AA2_020728F			
Client ID:	N88-0.3	Batch ID:	9774	TestNo:	WET DI/ EPA (WET)			Analysis Date:	7/28/2002	SeqNo:	308393			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	5.502	0.20	5	0.3567	103	80	120	0	0					
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Sample ID	057936-025AMS	SampType:	MS	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/28/2002	Run ID:	AA2_020728F			
Client ID:	N93-S	Batch ID:	9774	TestNo:	WET DI/ EPA (WET)			Analysis Date:	7/28/2002	SeqNo:	308406			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	5.872	0.20	5	0.777	102	80	120	0	0					
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Sample ID	057936-035AMS	SampType:	MS	TestCode:	7420_DI	Units:	mg/L	Prep Date:		Run ID:	AA2_020728G			
Client ID:	N95-0.9	Batch ID:	9775	TestNo:	WET DI/ EPA (WET)			Analysis Date:	7/28/2002	SeqNo:	308422			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	7.517	0.20	5	2.554	99.2	80	120	0	0					
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**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



CLIENT: Geocon Environmental  
Work Order: 057936  
Project: Rte 5-NB, 9100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 7420\_DI

Sample ID	057936-051AMS	SampType:	MS	TestCode:	7420_DI	Units:	mg/L	Prep Date:		Run ID:	AA2_020728G			
Client ID:	N101-0.3	Batch ID:	9775	TestNo:	WET DI/ EPA (WET)			Analysis Date:	7/28/2002	SeqNo:	308435			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 5.341 0.20 5 0.2198 102 80 120 0 0

Sample ID	057937-005AMS	SampType:	MS	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/28/2002	Run ID:	AA2_020728H			
Client ID:	ZZZZZ	Batch ID:	9777	TestNo:	WET DI/ EPA (WET)			Analysis Date:	7/28/2002	SeqNo:	308451			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 8.395 0.20 5 3.485 98.2 80 120 0 0

Sample ID	057937-017AMS	SampType:	MS	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/28/2002	Run ID:	AA2_020728H			
Client ID:	ZZZZZ	Batch ID:	9777	TestNo:	WET DI/ EPA (WET)			Analysis Date:	7/28/2002	SeqNo:	308464			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 5.336 0.20 5 0.499 96.7 80 120 0 0

Sample ID	057936-025AMSD	SampType:	MSD	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/28/2002	Run ID:	AA2_020728F			
Client ID:	N93-S	Batch ID:	9774	TestNo:	WET DI/ EPA (WET)			Analysis Date:	7/28/2002	SeqNo:	308407			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 5.885 0.20 5 0.777 102 80 120 5.872 0.213 20

Sample ID	057936-007ADUP	SampType:	DUP	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020728F			
Client ID:	N88-0.3	Batch ID:	9774	TestNo:	WET DI/ EPA (WET)			Analysis Date:	7/28/2002	SeqNo:	308392			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 0.6903 0.20 0 0 0 0 0 0 0.3567 63.7 30 R

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 R - RPD outside accepted recovery limits      Calculations are based on raw values



CLIENT: Geocon Environmental  
Work Order: 057936  
Project: Rte 5-NB, 9100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 7420\_DI

Sample ID	057936-025ADUP	SampType:	DUP	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020728F
Client ID:	N93-S	Batch ID:	9774	TestNo:	WET DI/ EPA (WET)			Analysis Date:	7/28/2002	SeqNo:	308405
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 0.8496 0.20 0 0 0 0 0 0 0.777 8.93 30

Sample ID	057936-035ADUP	SampType:	DUP	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020728G
Client ID:	N95-0.9	Batch ID:	9775	TestNo:	WET DI/ EPA (WET)			Analysis Date:	7/28/2002	SeqNo:	308421
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 2.601 0.20 0 0 0 0 0 0 2.554 1.80 30

Sample ID	057936-051ADUP	SampType:	DUP	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020728G
Client ID:	N101-0.3	Batch ID:	9775	TestNo:	WET DI/ EPA (WET)			Analysis Date:	7/28/2002	SeqNo:	308434
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 0.1987 0.20 0 0 0 0 0 0 0.2198 0 30 J

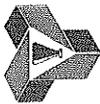
Sample ID	057937-005ADUP	SampType:	DUP	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020728H
Client ID:	ZZZZZ	Batch ID:	9777	TestNo:	WET DI/ EPA (WET)			Analysis Date:	7/28/2002	SeqNo:	308450
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 3.798 0.20 0 0 0 0 0 0 3.485 8.60 30

Sample ID	057937-017ADUP	SampType:	DUP	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020728H
Client ID:	ZZZZZ	Batch ID:	9777	TestNo:	WET DI/ EPA (WET)			Analysis Date:	7/28/2002	SeqNo:	308463
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 0.3615 0.20 0 0 0 0 0 0 0.499 32.0 30 R

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 R - RPD outside accepted recovery limits      Calculations are based on raw values



Advanced Technology Laboratories

Date: 30-Jul-02

CLIENT: Geocon Environmental
Work Order: 057936
Project: Rte 5-NB, 9100-06-49

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010\_S

Table with 12 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, Analysis Date, SeqNo, Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual

Table with 12 columns: Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual. Lists elements like Antimony, Arsenic, Barium, Beryllium, Cadmium, Chromium, Cobalt, Copper, Lead, Molybdenum, Nickel, Selenium, Silver, Thallium, Vanadium, Zinc.

Table with 12 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, Analysis Date, SeqNo, Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual

Table with 12 columns: Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual. Lists elements like Antimony, Arsenic, Barium, Beryllium, Cadmium, Chromium, Cobalt, Copper.

Qualifiers: ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits DO- Surrogate dilute out
J - Analyte detected below quantitation limits B - Analyte detected in the associated Method Blank H - Sample exceeded holding time
R - RPD outside accepted recovery limits Calculations are based on raw values



CLIENT: Geocon Environmental  
Work Order: 057936  
Project: Rte 5-NB, 9100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 6010\_S

Sample ID	MB-9918	SampType:	MBLK	TestCode:	6010_S	Units:	mg/Kg	Prep Date:	7/28/2002	Run ID:	ICP2_020729E												
Client ID:	ZZZZZ	Batch ID:	9918	TestNo:	EPA 6010B (EPA 3050A)			Analysis Date:	7/29/2002	SeqNo:	309146												
Analyte		Result		PQL		SPK value		SPK Ref Val		%REC		LowLimit		HighLimit		RPD Ref Val		%RPD		RPDLimit		Qual	
Lead		0.214		0.25																			
Molybdenum		0.048		0.25																			
Nickel		ND		0.15																			
Selenium		ND		0.25																			
Silver		ND		0.15																			
Thallium		ND		0.25																			
Vanadium		ND		0.15																			
Zinc		0.152		0.50																			

Sample ID	LCS-9917	SampType:	LCS	TestCode:	6010_S	Units:	mg/Kg	Prep Date:	7/28/2002	Run ID:	ICP2_020729D												
Client ID:	ZZZZZ	Batch ID:	9917	TestNo:	EPA 6010B (EPA 3050A)			Analysis Date:	7/29/2002	SeqNo:	309098												
Analyte		Result		PQL		SPK value		SPK Ref Val		%REC		LowLimit		HighLimit		RPD Ref Val		%RPD		RPDLimit		Qual	
Antimony		52		0.25		50		0		104		80		120		0		0		0			
Arsenic		53.5		0.25		50		0		107		80		120		0		0		0			
Barium		53		0.15		50		0		106		80		120		0		0		0			
Beryllium		51.5		0.15		50		0		103		80		120		0		0		0			
Cadmium		49		0.15		50		0		98		80		120		0		0		0			
Chromium		51		0.15		50		0		102		80		120		0		0		0			
Cobalt		49.5		0.15		50		0		99		80		120		0		0		0			
Copper		51		0.15		50		0		102		80		120		0		0		0			
Lead		51		0.25		50		0		102		80		120		0		0		0			
Molybdenum		52		0.25		50		0		104		80		120		0		0		0			
Nickel		48.5		0.15		50		0		97		80		120		0		0		0			
Selenium		50		0.25		50		0		100		80		120		0		0		0			
Silver		52		0.15		50		0		104		80		120		0		0		0			
Thallium		51.5		0.25		50		0		103		80		120		0		0		0			
Vanadium		53		0.15		50		0		106		80		120		0		0		0			
Zinc		50		0.50		50		0		100		80		120		0		0		0			

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



CLIENT: Geocon Environmental  
Work Order: 057936  
Project: Rte 5-NB, 9100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 6010\_S

Sample ID	LCS-9918	SampType:	LCS	TestCode:	6010_S	Units:	mg/Kg	Prep Date:	7/28/2002	Run ID:	ICP2_020729E
Client ID:	ZZZZZ	Batch ID:	9918	TestNo:	EPA 6010B (EPA 3050A)	Analysis Date:	7/29/2002	SeqNo:	309147		

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	47.5	0.25	50	0	95	80	120	0	0		
Arsenic	47.5	0.25	50	0	95	80	120	0	0		
Barium	48.5	0.15	50	0	97	80	120	0	0		
Beryllium	46.5	0.15	50	0	93	80	120	0	0		
Cadmium	44	0.15	50	0	88	80	120	0	0		
Chromium	46	0.15	50	0	92	80	120	0	0		
Cobalt	44.5	0.15	50	0	89	80	120	0	0		
Copper	45.5	0.15	50	0	91	80	120	0	0		
Lead	45.5	0.25	50	0	91	80	120	0	0		
Molybdenum	47	0.25	50	0	94	80	120	0	0		
Nickel	43.5	0.15	50	0	87	80	120	0	0		
Selenium	45.5	0.25	50	0	91	80	120	0	0		
Silver	46	0.15	50	0	92	80	120	0	0		
Thallium	46.5	0.25	50	0	93	80	120	0	0		
Vanadium	47.5	0.15	50	0	95	80	120	0	0		
Zinc	45.5	0.50	50	0	91	80	120	0	0		

Sample ID	057936-019AMS	SampType:	MS	TestCode:	6010_S	Units:	mg/Kg	Prep Date:	7/28/2002	Run ID:	ICP2_020729D
Client ID:	N91-0.6	Batch ID:	9917	TestNo:	EPA 6010B (EPA 3050A)	Analysis Date:	7/29/2002	SeqNo:	309110		

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	100	0.25	125	2.5	78	32	115	0	0		
Arsenic	126.5	0.25	125	13	90.8	59	111	0	0		
Barium	288	0.15	125	210	62.4	34	151	0	0		
Beryllium	113.5	0.15	125	0	90.8	56	112	0	0		
Cadmium	106.5	0.15	125	0	85.2	52	120	0	0		
Chromium	138.5	0.15	125	28	88.4	56	118	0	0		
Cobalt	115.5	0.15	125	7.5	86.4	58	117	0	0		
Copper	193.5	0.15	125	71.5	97.6	58	134	0	0		
Molybdenum	116	0.25	125	3.5	90	56	115	0	0		

Qualifiers: ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
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CLIENT: Geocon Environmental  
Work Order: 057936  
Project: Rte 5-NB, 9100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 6010\_S

Sample ID	057936-019AMS	SampType:	MS	TestCode:	6010_S	Units:	mg/Kg	Prep Date:	7/28/2002	Run ID:	ICP2_020729D
Client ID:	N91-0.6	Batch ID:	9917	TestNo:	EPA 6010B (EPA 3050A)			Analysis Date:	7/29/2002	SeqNo:	309110
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Nickel	129	0.15	125	27.5	81.2	52	120	0	0		
Selenium	113	0.25	125	0	90.4	46	108	0	0		
Silver	119	0.15	125	0.1365	95.1	74	117	0	0		
Thallium	111.5	0.25	125	1	88.4	62	117	0	0		
Vanadium	148.5	0.15	125	29	95.6	55	122	0	0		
Zinc	471.5	0.50	125	594.5	-98.4	43	134	0	0		S

Sample ID	057936-019AMS	SampType:	MS	TestCode:	6010_S	Units:	mg/Kg	Prep Date:	7/28/2002	Run ID:	ICP2_020729D
Client ID:	N91-0.6	Batch ID:	9917	TestNo:	EPA 6010B (EPA 3050A)			Analysis Date:	7/29/2002	SeqNo:	309118
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	3055	2.5	125	3800	-596	47	128	0	0		S

Sample ID	057937-095AMS	SampType:	MS	TestCode:	6010_S	Units:	mg/Kg	Prep Date:	7/28/2002	Run ID:	ICP2_020729E
Client ID:	ZZZZZ	Batch ID:	9918	TestNo:	EPA 6010B (EPA 3050A)			Analysis Date:	7/29/2002	SeqNo:	309158
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	111.5	0.25	125	2	87.6	32	115	0	0		
Arsenic	141.5	0.25	125	20	97.2	59	111	0	0		
Barium	338	0.15	125	207	105	34	151	0	0		
Beryllium	119.5	0.15	125	0	95.6	56	112	0	0		
Cadmium	114	0.15	125	0.2175	91	52	120	0	0		
Chromium	149	0.15	125	26.5	98	56	118	0	0		
Cobalt	120.5	0.15	125	5.5	92	58	117	0	0		
Copper	225.5	0.15	125	69.5	125	58	134	0	0		
Molybdenum	123.5	0.25	125	3	96.4	56	115	0	0		
Nickel	135	0.15	125	16	95.2	52	120	0	0		
Selenium	118	0.25	125	0	94.4	46	108	0	0		
Silver	128.5	0.15	125	1	102	74	117	0	0		
Thallium	118	0.25	125	0.5	94	62	117	0	0		

Qualifiers: ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
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CLIENT: Geocon Environmental  
Work Order: 057936  
Project: Rte 5-NB, 9100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 6010\_S

Sample ID	057937-095AMS	SampType:	MS	TestCode:	6010_S	Units:	mg/Kg	Prep Date:	7/28/2002	Run ID:	ICP2_020729E		
Client ID:	ZZZZZ	Batch ID:	9918	TestNo:	EPA 6010B (EPA 3050A)			Analysis Date:	7/29/2002	SeqNo:	309158		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vanadium		147.5		0.15	125	22.5	100	55	122	0	0		
Zinc		636.5		0.50	125	433.5	162	43	134	0	0		S

Sample ID	057937-095AMS	SampType:	MS	TestCode:	6010_S	Units:	mg/Kg	Prep Date:	7/28/2002	Run ID:	ICP2_020729E		
Client ID:	ZZZZZ	Batch ID:	9918	TestNo:	EPA 6010B (EPA 3050A)			Analysis Date:	7/29/2002	SeqNo:	309200		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead		3610		2.5	125	3220	312	47	128	0	0		S

Sample ID	057936-019AMSD	SampType:	MSD	TestCode:	6010_S	Units:	mg/Kg	Prep Date:	7/28/2002	Run ID:	ICP2_020729D		
Client ID:	N91-0.6	Batch ID:	9917	TestNo:	EPA 6010B (EPA 3050A)			Analysis Date:	7/29/2002	SeqNo:	309111		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony		107		0.25	125	2.5	83.6	32	115	100	6.76	20	
Arsenic		127		0.25	125	13	91.2	59	111	126.5	0.394	20	
Barium		280.5		0.15	125	210	56.4	34	151	288	2.64	20	
Beryllium		116.5		0.15	125	0	93.2	56	112	113.5	2.61	20	
Cadmium		109.5		0.15	125	0	87.6	52	120	106.5	2.78	20	
Chromium		134.5		0.15	125	28	85.2	56	118	138.5	2.93	20	
Cobalt		117		0.15	125	7.5	87.6	58	117	115.5	1.29	20	
Copper		195		0.15	125	71.5	98.8	58	134	193.5	0.772	20	
Molybdenum		119.5		0.25	125	3.5	92.8	56	115	116	2.97	20	
Nickel		128.5		0.15	125	27.5	80.8	52	120	129	0.388	20	
Selenium		115.5		0.25	125	0	92.4	46	108	113	2.19	20	
Silver		120.5		0.15	125	0.1365	96.3	74	117	119	1.25	20	
Thallium		114.5		0.25	125	1	90.8	62	117	111.5	2.65	20	
Vanadium		143.5		0.15	125	29	91.6	55	122	148.5	3.42	20	
Zinc		464		0.50	125	594.5	-104	43	134	471.5	1.60	20	S

Qualifiers: ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



CLIENT: Geocon Environmental  
Work Order: 057936  
Project: Rte 5-NB, 9100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 6010\_S

Sample ID	057936-019AMSD	SampType:	MSD	TestCode:	6010_S	Units:	mg/Kg	Prep Date:	7/28/2002	Run ID:	ICP2_020729D
Client ID:	N91-0.6	Batch ID:	9917	TestNo:	EPA 6010B (EPA 3050A)	Analysis Date:	7/29/2002	SeqNo:	309119		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	3270	2.5	125	3800	-424	47	128	3055	6.80	20	S
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Sample ID	057937-095AMSD	SampType:	MSD	TestCode:	6010_S	Units:	mg/Kg	Prep Date:	7/28/2002	Run ID:	ICP2_020729E
Client ID:	ZZZZZ	Batch ID:	9918	TestNo:	EPA 6010B (EPA 3050A)	Analysis Date:	7/29/2002	SeqNo:	309159		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Antimony	106	0.25	125	2	83.2	32	115	111.5	5.06	20	
Arsenic	132	0.25	125	20	89.6	59	111	141.5	6.95	20	
Barium	301	0.15	125	207	75.2	34	151	338	11.6	20	
Beryllium	113	0.15	125	0	90.4	56	112	119.5	5.59	20	
Cadmium	108	0.15	125	0.2175	86.2	52	120	114	5.41	20	
Chromium	139.5	0.15	125	26.5	90.4	56	118	149	6.59	20	
Cobalt	114	0.15	125	5.5	86.8	58	117	120.5	5.54	20	
Copper	233	0.15	125	69.5	131	58	134	225.5	3.27	20	
Molybdenum	116.5	0.25	125	3	90.8	56	115	123.5	5.83	20	
Nickel	127.5	0.15	125	16	89.2	52	120	135	5.71	20	
Selenium	112	0.25	125	0	89.6	46	108	118	5.22	20	
Silver	121	0.15	125	1	96	74	117	128.5	6.01	20	
Thallium	112.5	0.25	125	0.5	89.6	62	117	118	4.77	20	
Vanadium	138	0.15	125	22.5	92.4	55	122	147.5	6.65	20	
Zinc	557	0.50	125	433.5	98.8	43	134	636.5	13.3	20	

Sample ID	057937-095AMSD	SampType:	MSD	TestCode:	6010_S	Units:	mg/Kg	Prep Date:	7/28/2002	Run ID:	ICP2_020729E
Client ID:	ZZZZZ	Batch ID:	9918	TestNo:	EPA 6010B (EPA 3050A)	Analysis Date:	7/29/2002	SeqNo:	309201		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	2995	2.5	125	3220	-180	47	128	3610	18.6	20	S
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**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



CLIENT: Geocon Environmental  
Work Order: 057936  
Project: Rte 5-NB, 9100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 6010\_S

Sample ID 057936-019ADUP		SampType: DUP		TestCode: 6010_S		Units: mg/Kg		Prep Date: 7/28/2002		Run ID: ICP2_020729D	
Client ID: N91-0.6		Batch ID: 9917		TestNo: EPA 6010B (EPA 3050A)		Analysis Date: 7/29/2002		SeqNo: 309109			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	2.5	0.25	0	0	0	0	0	2.5	0	30	
Arsenic	13	0.25	0	0	0	0	0	13	0	30	
Barium	210	0.15	0	0	0	0	0	210	0	30	
Beryllium	ND	0.15	0	0	0	0	0	0	0	30	
Cadmium	ND	0.15	0	0	0	0	0	0	0	30	
Chromium	28	0.15	0	0	0	0	0	28	0	30	
Cobalt	7.5	0.15	0	0	0	0	0	7.5	0	30	
Copper	71.5	0.15	0	0	0	0	0	71.5	0	30	
Molybdenum	3.5	0.25	0	0	0	0	0	3.5	0	30	
Nickel	27.5	0.15	0	0	0	0	0	27.5	0	30	
Selenium	ND	0.25	0	0	0	0	0	0	0	30	
Silver	0.1365	0.15	0	0	0	0	0	0.1365	0	30	J
Thallium	1	0.25	0	0	0	0	0	1	0	30	
Vanadium	29	0.15	0	0	0	0	0	29	0	30	
Zinc	594.5	0.50	0	0	0	0	0	594.5	0	30	

Sample ID 057936-019ADUP		SampType: DUP		TestCode: 6010_S		Units: mg/Kg		Prep Date: 7/28/2002		Run ID: ICP2_020729D	
Client ID: N91-0.6		Batch ID: 9917		TestNo: EPA 6010B (EPA 3050A)		Analysis Date: 7/29/2002		SeqNo: 309117			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	4210	2.5	0	0	0	0	0	3800	10.2	30	

Sample ID 057937-095ADUP		SampType: DUP		TestCode: 6010_S		Units: mg/Kg		Prep Date: 7/28/2002		Run ID: ICP2_020729E	
Client ID: ZZZZZ		Batch ID: 9918		TestNo: EPA 6010B (EPA 3050A)		Analysis Date: 7/29/2002		SeqNo: 309157			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	2	0.25	0	0	0	0	0	2	0	30	
Arsenic	18	0.25	0	0	0	0	0	20	10.5	30	
Barium	189.5	0.15	0	0	0	0	0	207	8.83	30	
Beryllium	ND	0.15	0	0	0	0	0	0	0	30	

Qualifiers: ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DC- Surrogate dilute out  
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 R - RPD outside accepted recovery limits      Calculations are based on raw values



CLIENT: Geocon Environmental  
Work Order: 057936  
Project: Rte 5-NB, 9100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 6010\_S

Sample ID	057937-095ADUP	SampType:	DUP	TestCode:	6010_S	Units:	mg/Kg	Prep Date:	7/28/2002	Run ID:	ICP2_020729E
Client ID:	ZZZZZ	Batch ID:	9918	TestNo:	EPA 6010B (EPA 3050A)			Analysis Date:	7/29/2002	SeqNo:	309157
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Cadmium	0.5	0.15	0	0	0	0	0	0.2175	78.7	30	R
Chromium	22.5	0.15	0	0	0	0	0	26.5	16.3	30	
Cobalt	4.5	0.15	0	0	0	0	0	5.5	20.0	30	
Copper	77.5	0.15	0	0	0	0	0	69.5	10.9	30	
Molybdenum	4	0.25	0	0	0	0	0	3	28.6	30	
Nickel	17.5	0.15	0	0	0	0	0	16	8.96	30	
Selenium	ND	0.25	0	0	0	0	0	0	0	30	
Silver	1	0.15	0	0	0	0	0	1	0	30	
Thallium	0.5	0.25	0	0	0	0	0	0.5	0	30	
Vanadium	19.5	0.15	0	0	0	0	0	22.5	14.3	30	
Zinc	505.5	0.50	0	0	0	0	0	433.5	15.3	30	

Sample ID	057937-095ADUP	SampType:	DUP	TestCode:	6010_S	Units:	mg/Kg	Prep Date:	7/28/2002	Run ID:	ICP2_020729E
Client ID:	ZZZZZ	Batch ID:	9918	TestNo:	EPA 6010B (EPA 3050A)			Analysis Date:	7/29/2002	SeqNo:	309199
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	2880	2.5	0	0	0	0	0	3220	11.1	30	

Qualifiers: ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
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 R - RPD outside accepted recovery limits      Calculations are based on raw values



CLIENT: Geocon Environmental  
Work Order: 057936  
Project: Rte 5-NB, 9100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 7471\_S

Sample ID	MB-9921	SampType:	mblk	TestCode:	7471_S	Units:	mg/Kg	Prep Date:	7/28/2002	Run ID:	AA1_020729C												
Client ID:	ZZZZZ	Batch ID:	9921	TestNo:	EPA 7471A (EPA 7471)	Analysis Date:	7/29/2002	SeqNo:	309095														
Analyte		Result		PQL		SPK value		SPK Ref Val		%REC		LowLimit		HighLimit		RPD Ref Val		%RPD		RPDLimit		Qual	

Mercury ND 0.10

Sample ID	LCS-9921	SampType:	lcs	TestCode:	7471_S	Units:	mg/Kg	Prep Date:	7/28/2002	Run ID:	AA1_020729C												
Client ID:	ZZZZZ	Batch ID:	9921	TestNo:	EPA 7471A (EPA 7471)	Analysis Date:	7/29/2002	SeqNo:	309094														
Analyte		Result		PQL		SPK value		SPK Ref Val		%REC		LowLimit		HighLimit		RPD Ref Val		%RPD		RPDLimit		Qual	

Mercury 2.243 0.10 2.08 0 108 80 120 0 0

Sample ID	057937-095AMS	SampType:	MS	TestCode:	7471_S	Units:	mg/Kg	Prep Date:	7/28/2002	Run ID:	AA1_020729C												
Client ID:	ZZZZZ	Batch ID:	9921	TestNo:	EPA 7471A (EPA 7471)	Analysis Date:	7/29/2002	SeqNo:	309092														
Analyte		Result		PQL		SPK value		SPK Ref Val		%REC		LowLimit		HighLimit		RPD Ref Val		%RPD		RPDLimit		Qual	

Mercury 1.001 0.10 0.83 0.08152 111 62 146 0 0

Sample ID	057937-095AMSD	SampType:	MSD	TestCode:	7471_S	Units:	mg/Kg	Prep Date:	7/28/2002	Run ID:	AA1_020729C												
Client ID:	ZZZZZ	Batch ID:	9921	TestNo:	EPA 7471A (EPA 7471)	Analysis Date:	7/29/2002	SeqNo:	309093														
Analyte		Result		PQL		SPK value		SPK Ref Val		%REC		LowLimit		HighLimit		RPD Ref Val		%RPD		RPDLimit		Qual	

Mercury 0.9873 0.10 0.83 0.08152 109 62 146 1.001 1.35 33

Sample ID	057937-095ADUP	SampType:	DUP	TestCode:	7471_S	Units:	mg/Kg	Prep Date:	7/28/2002	Run ID:	AA1_020729C												
Client ID:	ZZZZZ	Batch ID:	9921	TestNo:	EPA 7471A (EPA 7471)	Analysis Date:	7/29/2002	SeqNo:	309091														
Analyte		Result		PQL		SPK value		SPK Ref Val		%REC		LowLimit		HighLimit		RPD Ref Val		%RPD		RPDLimit		Qual	

Mercury 0.09527 0.10 0 0 0 0 0 0 0.08152 0 30 J

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO - Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      **Calculations are based on raw values**

REVISIONS  
BY \_\_\_\_\_ DATE \_\_\_\_\_  
BY \_\_\_\_\_ DATE \_\_\_\_\_

BY \_\_\_\_\_ DATE \_\_\_\_\_  
CHECKED BY \_\_\_\_\_

All samples → total lead (6010)  
total lead > 50 mg/kg → WET-Citric  
WET-CITRIC > 5 mg/L → WET-DI  
Total lead > 1,000 mg/kg → TCLP  
10% → Soil pH (9045)

Please call when all totals have been run. I will instruct what samples should be run for Title 22 metals.

Thanks - Chris King

**Diane**

---

**From:** Chris King [king@geoconinc.com]

**Sent:** Monday, July 22, 2002 10:57 AM

**To:** 'Diane'

**Subject:** 09100-06-49

Diane - please run the 15 samples with the highest total lead content for Title 22 metals. Please do this for each direction (northbound and southbound), so the total number of tests will be 30. Thank you and please call me if you have any questions.

Christopher S. King  
Senior Staff Engineer  
Geocon Consultants, Inc.

7/22/2002

July 12, 2002

Chris King  
Geocon Environmental  
6970 Flanders Drive  
San Diego, CA 92121  
TEL: (858) 558-6100  
FAX: (858) 558-8437

AUG 05 2002

RE: Rte 5-North bound, 09100-06-49

ELAP No.: 1838

NELAP No.: 02107CA

Attention: Chris King

Workorder No.: 057842

Enclosed are the results for sample(s) received on July 09, 2002 by Advanced Technology Laboratories and tested for the parameters indicated in the enclosed chain of custody.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (562)989-4045 if I can be of further assistance to your company.

Sincerely,



Eddie F. Rodriguez  
Laboratory Director

This cover letter is an integral part of this analytical report.





# CHAIN OF CUSTODY RECORD



3275 Walnut Avenue  
Signal Hill, CA 90807  
(562) 989-4045 • FAX (562) 989-4040

## FOR LABORATORY USE ONLY:

P.O.#: _____	Method of Transport Walk-in <input type="checkbox"/> Courier <input type="checkbox"/> UPS <input type="checkbox"/> FED. EXP. <input type="checkbox"/> ATL <input checked="" type="checkbox"/>	Sample Condition Upon Receipt 1. CHILLED Y <input type="checkbox"/> N <input checked="" type="checkbox"/> 4. SEALED Y <input type="checkbox"/> N <input checked="" type="checkbox"/> 2. HEADSPACE (VOA) Y <input type="checkbox"/> N <input checked="" type="checkbox"/> 5. # OF SPLS MATCH COC Y <input checked="" type="checkbox"/> N <input type="checkbox"/> 3. CONTAINER INTACT Y <input checked="" type="checkbox"/> N <input type="checkbox"/> 6. PRESERVED Y <input type="checkbox"/> N <input type="checkbox"/>
Logged By: <u>AM</u>	Date: <u>7/9/02</u> Time: _____	

Client: <b>GEOCON ENVIRONMENTAL - SAN DIEGO</b>	Address: 6970 Flanders Drive	TEL: ( 858 ) 558-6100
Attn: <u>Chris King</u>	City: San Diego State: CA Zip Code: 92121	FAX: ( 858 ) 558-8437

Project Name: <u>Rte 5-NB</u>	Project #: <u>9100-06-49</u>	Sampler: <u>CSK/GCA</u> (Printed Name)	(Signature)
Relinquished by: <u>[Signature]</u> GCA	Date: <u>7/9</u> Time: <u>4pm</u>	Received by: <u>[Signature]</u>	Date: <u>7-9-02</u> Time: <u>5p</u>
Relinquished by: <u>[Signature]</u>	Date: <u>7-9-02</u> Time: <u>1:44</u>	Received by: <u>[Signature]</u>	Date: <u>7/9/02</u> Time: <u>1:44</u>
Relinquished by: <u>[Signature]</u>	Date: _____ Time: _____	Received by: <u>[Signature]</u>	Date: _____ Time: _____

I hereby authorize ATL to perform the work indicated below: Project Mgr /Submitter: <u>CSK</u> <u>7/9</u> Print Name Date <u>[Signature]</u> Signature	Send Report To: Attn: _____ Co: <u>Client</u> Address _____ City _____ State _____ Zip _____	Bill To: Attn: _____ Co: <u>Client</u> Address _____ City _____ State _____ Zip _____	Special Instructions/Comments: <u>Attached</u>
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Unless otherwise requested, all samples will be disposed 45 days after receipt.

Sample Archive/Disposal:  
 Laboratory Standard  
 Other \_\_\_\_\_  
 Return To: \_\_\_\_\_

\* \$10.00 FEE PER HAZARDOUS SAMPLE DISPOSAL.

Circle or Add Analysis(es) Requested 8081 / 8082 (Pesticides/POB-GC) 8260 (Volatiles-GCMS) 825 / 820 (BVA-GCMS) Metals Total (CAC-GCMS) 8015M TPHGBTEX (COMBINATION) 8015M TPHID (Diesel GC) <u>Total Lead 606</u>	CIRCLE APPROPRIATE MATRIX SOLID <input checked="" type="checkbox"/> SLUDGE OIL • SOLVENT • LIQUID WATER • WASTEWATER DRINKING WATER AIR WIPE • FILTER OTHER _____ TAT _____	PRESERVATION RTNE <input type="checkbox"/> RWQCB <input type="checkbox"/> WIP <input type="checkbox"/> NAVY <input type="checkbox"/> CT <input checked="" type="checkbox"/> OTHER _____
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ITEM	LAB USE ONLY:		Sample Description				Analysis(es)	Matrix	TAT	Container(s)		REMARKS
	Batch #:	Lab No.	Sample I.D.	Date	Time	#				Type		
		11	N3-0.6	7/9	11:26	X	X	E	1	JG		
		12	N3-0.9		11:25							
		13	N4-S		10:10							
		14	N4-0.3		11:15							
		15	N4-0.6		11:21							
		16	N4-0.9		11:27							
		17	N5-S		11:30							
		18	N5-0.3		11:35							
		19	N5-0.6		11:40							
		20	N5-0.9		11:45							

• TAT starts 8 a.m. following day if samples received after 5 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<sub>3</sub> S=H<sub>2</sub>SO<sub>4</sub> C=4°C  
Z=Zn(AC)<sub>2</sub> O=NaOH T=Na<sub>2</sub>S<sub>2</sub>O<sub>3</sub>

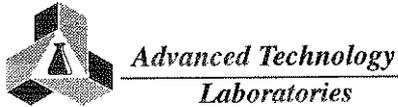
Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal







# CHAIN OF CUSTODY RECORD



**Advanced Technology Laboratories**  
 3275 Walnut Avenue  
 Signal Hill, CA 90807  
 (562) 989-4045 • FAX (562) 989-4040

## FOR LABORATORY USE ONLY:

P.O.#: _____	Method of Transport: Walk-in <input type="checkbox"/> Courier <input type="checkbox"/> UPS <input type="checkbox"/> FED. EXP. <input type="checkbox"/> ATL <input checked="" type="checkbox"/>	Sample Condition Upon Receipt: 1. CHILLED Y <input type="checkbox"/> N <input checked="" type="checkbox"/> 4. SEALED Y <input type="checkbox"/> N <input checked="" type="checkbox"/> 2. HEADSPACE (VOA) Y <input type="checkbox"/> N <input checked="" type="checkbox"/> 5. # OF SPLS MATCH COC Y <input type="checkbox"/> N <input checked="" type="checkbox"/> 3. CONTAINER INTACT Y <input checked="" type="checkbox"/> N <input type="checkbox"/> 6. PRESERVED Y <input type="checkbox"/> N <input type="checkbox"/>
Logged By: <u>DM</u>	Date: <u>7/9/02</u>	Time: _____

Client: <b>GEOCON ENVIRONMENTAL - SAN DIEGO</b>	Address: 6970 Flanders Drive	TEL: ( 858 ) 558-6100
Attn: <u>Chris King</u>	City: San Diego State: CA Zip Code: 92121	FAX: ( 858 ) 558-8437

Project Name: <u>Rte 5-NB</u>	Project #: <u>9100-06-49</u>	Sampler: <u>CSK/GCA</u> (Printed Name) _____ (Signature)
Relinquished by: <u>[Signature]</u> (Signature and Printed Name)	Date: <u>7/9</u>	Time: <u>4pm</u>
Relinquished by: <u>[Signature]</u> (Signature and Printed Name)	Date: <u>7-9-02</u>	Time: <u>18:44</u>
Relinquished by: <u>[Signature]</u> (Signature and Printed Name)	Date: _____	Time: _____

I hereby authorize ATL to perform the work indicated below: Project Mgr /Submitter: <u>CSK</u> <u>7/9</u> Print Name Date <u>[Signature]</u> Signature	Send Report To: Attn: _____ Co: <u>Client</u> Address _____ City _____ State _____ Zip _____	Bill To: Attn: _____ Co: <u>Client</u> Address _____ City _____ State _____ Zip _____	Special Instructions/Comments: <u>Attached</u>
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Unless otherwise requested, all samples will be disposed 45 days after receipt.	Sample Archive/Disposal: <input type="checkbox"/> Laboratory Standard <input type="checkbox"/> Other _____ <input type="checkbox"/> Return To: _____ * \$10.00 FEE PER HAZARDOUS SAMPLE DISPOSAL.
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Circle or Add Analysis(es) Requested	CIRCLE APPROPRIATE MATRIX	PRESERVATION	QA/QC
8081 / 8082 (Pesticides/PCB-GC) 8230 (Nitrates-GCMS) 825 / 820 (HVA-GCMS) Metals Total (CAC-8010 / 7000) 8015M TPHGBTEX (COMBINATION) 8015M TPH/D (Diesel GC) <u>Tots / lead solo</u>	SOLID <u>[initials]</u> SLUDGE OIL-SOLVENT LIQUID WATER WASTEWATER DRINKING WATER AIR WIPE-FILTER OTHER TAT # Type	RTNE <input type="checkbox"/> RWQCB <input type="checkbox"/> WIP <input type="checkbox"/> NAVY <input type="checkbox"/> CT <input checked="" type="checkbox"/> OTHER _____	REMARKS
X	X	E	I P P

ITEM	LAB USE ONLY:		Sample Description			
	Batch #:	Lab No.	Sample I.D.	Date	Time	
		51	C1	7/9	11:20	
		52	C2		11:50	
		53	C3		12:30	
		54	C4		1:10	
		55	C5		1:50	

• TAT starts 8 a.m. following day if samples received after 5 p.m.	TAT: A= <input type="checkbox"/> Overnight ≤ 24 hr	B= <input type="checkbox"/> Emergency Next workday	C= <input type="checkbox"/> Critical 2 Workdays	D= <input type="checkbox"/> Urgent 3 Workdays	E= <input type="checkbox"/> Routine 7 Workdays	Preservatives: H=HCl N=HNO <sub>3</sub> S=H <sub>2</sub> SO <sub>4</sub> C=4°C Z=Zn(AC) <sub>2</sub> O=NaOH T=Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub>
Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal						

**Advanced Technology Laboratories**

Date: 7/12/2002

**LEAD BY ICP  
EPA 6010B**

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057842
<b>Project:</b>	Rte 5-North bound, 09100-06-49	<b>Date Received:</b>	7/9/2002 6:44:00
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	RQ

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057842-001A	N1-S	860	mg/Kg	9507	5	1	7/9/2002	7/12/2002
057842-002A	N1-0.3	140	mg/Kg	9507	5	1	7/9/2002	7/12/2002
057842-003A	N1-0.6	29	mg/Kg	9507	5	1	7/9/2002	7/12/2002
057842-004A	N1-0.9	61	mg/Kg	9507	5	1	7/9/2002	7/12/2002
057842-005A	N2-S	1100	mg/Kg	9507	5	1	7/9/2002	7/12/2002
057842-006A	N2-0.3	1500	mg/Kg	9507	5	1	7/9/2002	7/12/2002
057842-007A	N2-0.6	63	mg/Kg	9507	5	1	7/9/2002	7/12/2002
057842-008A	N2-0.9	11	mg/Kg	9507	5	1	7/9/2002	7/12/2002
057842-009A	N3-S	1200	mg/Kg	9507	5	1	7/9/2002	7/12/2002
057842-010A	N3-0.3	1100	mg/Kg	9507	5	1	7/9/2002	7/12/2002
057842-011A	N3-0.6	270	mg/Kg	9507	5	1	7/9/2002	7/12/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



**Advanced Technology Laboratories**

Date: 7/12/2002

**LEAD BY ICP  
EPA 6010B**

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057842
<b>Project:</b>	Rte 5-North bound, 09100-06-49	<b>Date Received:</b>	7/9/2002 6:44:00
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	RQ

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057842-012A	N3-0.9	15	mg/Kg	9507	5	1	7/9/2002	7/12/2002
057842-013A	N4-S	1000	mg/Kg	9507	5	1	7/9/2002	7/12/2002
057842-014A	N4-0.3	16	mg/Kg	9507	5	1	7/9/2002	7/12/2002
057842-015A	N4-0.6	ND	mg/Kg	9507	5	1	7/9/2002	7/12/2002
057842-016A	N4-0.9	5.9	mg/Kg	9507	5	1	7/9/2002	7/12/2002
057842-017A	N5-S	280	mg/Kg	9507	5	1	7/9/2002	7/12/2002
057842-018A	N5-0.3	78	mg/Kg	9507	5	1	7/9/2002	7/12/2002
057842-019A	N5-0.6	99	mg/Kg	9507	5	1	7/9/2002	7/12/2002
057842-020A	N5-0.9	ND	mg/Kg	9507	5	1	7/9/2002	7/12/2002
057842-021A	N6-S	720	mg/Kg	9508	5	1	7/9/2002	7/12/2002
057842-022A	N6-0.3	190	mg/Kg	9508	5	1	7/9/2002	7/12/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



**Advanced Technology Laboratories**

Date: 7/12/2002

**LEAD BY ICP  
EPA 6010B**

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057842
<b>Project:</b>	Rte 5-North bound, 09100-06-49	<b>Date Received:</b>	7/9/2002 6:44:00
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	RQ

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057842-023A	N6-0.6	66	mg/Kg	9508	5	1	7/9/2002	7/12/2002
057842-024A	N6-0.9	7.5	mg/Kg	9508	5	1	7/9/2002	7/12/2002
057842-025A	N7-S	1900	mg/Kg	9508	5	1	7/9/2002	7/12/2002
057842-026A	N7-0.3	500	mg/Kg	9508	5	1	7/9/2002	7/12/2002
057842-027A	N8-S	2000	mg/Kg	9508	5	1	7/9/2002	7/12/2002
057842-028A	N8-0.3	280	mg/Kg	9508	5	1	7/9/2002	7/12/2002
057842-029A	N8-0.6	23	mg/Kg	9508	5	1	7/9/2002	7/12/2002
057842-030A	N8-0.9	8.8	mg/Kg	9508	5	1	7/9/2002	7/12/2002
057842-031A	N9-S	1200	mg/Kg	9508	5	1	7/9/2002	7/12/2002
057842-032A	N9-0.3	800	mg/Kg	9508	5	1	7/9/2002	7/12/2002
057842-033A	N9-0.6	11	mg/Kg	9508	5	1	7/9/2002	7/12/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



**Advanced Technology Laboratories**

Date: 7/12/2002

**LEAD BY ICP  
EPA 6010B**

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057842
<b>Project:</b>	Rte 5-North bound, 09100-06-49	<b>Date Received:</b>	7/9/2002 6:44:00
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	RQ

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057842-034A	N9-0.9	24	mg/Kg	9508	5	1	7/9/2002	7/12/2002
057842-035A	N10-S	630	mg/Kg	9508	5	1	7/9/2002	7/12/2002
057842-036A	N11-S	1100	mg/Kg	9508	5	1	7/9/2002	7/12/2002
057842-037A	N11-0.3	390	mg/Kg	9508	5	1	7/9/2002	7/12/2002
057842-038A	N11-0.6	14	mg/Kg	9508	5	1	7/9/2002	7/12/2002
057842-039A	N11-0.9	5.9	mg/Kg	9508	5	1	7/9/2002	7/12/2002
057842-040A	N12-S	840	mg/Kg	9508	5	1	7/9/2002	7/12/2002
057842-041A	N12-0.3	610	mg/Kg	9509	5	1	7/9/2002	7/12/2002
057842-042A	N12-0.6	300	mg/Kg	9509	5	1	7/9/2002	7/12/2002
057842-043A	N13-S	1600	mg/Kg	9509	5	1	7/9/2002	7/12/2002
057842-044A	N13-0.3	280	mg/Kg	9509	5	1	7/9/2002	7/12/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



**Advanced Technology Laboratories**

Date: 7/12/2002

**LEAD BY ICP  
EPA 6010B**

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057842
<b>Project:</b>	Rte 5-North bound, 09100-06-49	<b>Date Received:</b>	7/9/2002 6:44:00
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	RQ

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057842-045A	N14-S	540	mg/Kg	9509	5	1	7/9/2002	7/12/2002
057842-046A	N14-0.3	1100	mg/Kg	9509	5	1	7/9/2002	7/12/2002
057842-047A	N15-S	500	mg/Kg	9509	5	1	7/9/2002	7/12/2002
057842-048A	N15-0.3	160	mg/Kg	9509	5	1	7/9/2002	7/12/2002
057842-049A	N15-0.6	ND	mg/Kg	9509	5	1	7/9/2002	7/12/2002
057842-050A	N15-0.9	8.2	mg/Kg	9509	5	1	7/9/2002	7/12/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



ICP METALS  
EPA 6010B

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057842
<b>Project:</b>	Rte 5-North bound, 09100-06-49	<b>Date Received:</b>	7/9/2002 6:44:00
<b>Project No:</b>		<b>Matrix:</b>	Water
<b>PO No:</b>		<b>Analyst:</b>	RQ

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057842-051A	C1	ND	mg/L	9484	0.005	1	7/9/2002	7/11/2002
057842-052A	C2	ND	mg/L	9484	0.005	1	7/9/2002	7/11/2002
057842-053A	C3	ND	mg/L	9484	0.005	1	7/9/2002	7/11/2002
057842-054A	C4	0.010	mg/L	9484	0.005	1	7/9/2002	7/11/2002
057842-055A	C5	ND	mg/L	9484	0.005	1	7/9/2002	7/11/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



**Advanced Technology Laboratories**

Date: 7/12/2002

**pH  
EPA 9045C**

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057842
<b>Project:</b>	Rte 5-North bound, 09100-06-49	<b>Date Received:</b>	7/9/2002 6:44:00
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	JT

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057842-010A	N3-0.3	7.08	pH Units	R19309	0.1	1	7/9/2002	7/11/2002
057842-020A	N5-0.9	7.81	pH Units	R19309	0.1	1	7/9/2002	7/11/2002
057842-030A	N8-0.9	8.29	pH Units	R19309	0.1	1	7/9/2002	7/11/2002
057842-040A	N12-S	6.83	pH Units	R19309	0.1	1	7/9/2002	7/11/2002
057842-050A	N15-0.9	8.01	pH Units	R19309	0.1	1	7/9/2002	7/11/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



LEAD BY ATOMIC ABSORPTION  
WET/ EPA 7420

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057842
<b>Project:</b>	Rte 5-North bound, 09100-06-49	<b>Date Received:</b>	7/9/2002 6:44:00
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	JT

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057842-001A	N1-S	83	mg/L	9551	2	10	7/9/2002	7/17/2002
057842-002A	N1-0.3	8.9	mg/L	9551	0.2	1	7/9/2002	7/17/2002
057842-004A	N1-0.9	3.2	mg/L	9551	0.2	1	7/9/2002	7/17/2002
057842-007A	N2-0.6	3.9	mg/L	9551	0.2	1	7/9/2002	7/17/2002
057842-011A	N3-0.6	23	mg/L	9551	0.4	2	7/9/2002	7/17/2002
057842-017A	N5-S	29	mg/L	9551	0.4	2	7/9/2002	7/17/2002
057842-018A	N5-0.3	5.3	mg/L	9551	0.2	1	7/9/2002	7/17/2002
057842-019A	N5-0.6	8.5	mg/L	9551	0.2	1	7/9/2002	7/17/2002
057842-021A	N6-S	83	mg/L	9551	2	10	7/9/2002	7/17/2002
057842-022A	N6-0.3	18	mg/L	9551	0.4	2	7/9/2002	7/17/2002
057842-023A	N6-0.6	1.2	mg/L	9551	0.2	1	7/9/2002	7/17/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



LEAD BY ATOMIC ABSORPTION  
WET/ EPA 7420

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057842
<b>Project:</b>	Rte 5-North bound, 09100-06-49	<b>Date Received:</b>	7/9/2002 6:44:00
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	JT

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057842-026A	N7-0.3	44	mg/L	9551	0.8	4	7/9/2002	7/17/2002
057842-028A	N8-0.3	19	mg/L	9551	0.4	2	7/9/2002	7/17/2002
057842-032A	N9-0.3	47	mg/L	9551	0.8	4	7/9/2002	7/17/2002
057842-035A	N10-S	50	mg/L	9552	1	5	7/9/2002	7/17/2002
057842-037A	N11-0.3	37	mg/L	9552	0.8	4	7/9/2002	7/17/2002
057842-040A	N12-S	57	mg/L	9552	1	5	7/9/2002	7/17/2002
057842-041A	N12-0.3	46	mg/L	9552	1	5	7/9/2002	7/17/2002
057842-042A	N12-0.6	22	mg/L	9552	0.4	2	7/9/2002	7/17/2002
057842-044A	N13-0.3	13	mg/L	9552	0.2	1	7/9/2002	7/17/2002
057842-045A	N14-S	45	mg/L	9552	0.8	4	7/9/2002	7/17/2002
057842-047A	N15-S	42	mg/L	9552	0.8	4	7/9/2002	7/17/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



**LEAD BY ATOMIC ABSORPTION  
WET/ EPA 7420**

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057842
<b>Project:</b>	Rte 5-North bound, 09100-06-49	<b>Date Received:</b>	7/9/2002 6:44:00
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	JT

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057842-048A	N15-0.3	9.8	mg/L	9552	0.2	1	7/9/2002	7/17/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



LEAD BY ATOMIC ABSORPTION  
EPA 1311/ 7420

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057842
<b>Project:</b>	Rte 5-North bound, 09100-06-49	<b>Date Received:</b>	7/9/2002 6:44:00
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	JT

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057842-005A	N2-S	2.6	mg/L	9595	0.2	1	7/9/2002	7/18/2002
057842-006A	N2-0.3	6.1	mg/L	9595	0.2	1	7/9/2002	7/18/2002
057842-009A	N3-S	2.7	mg/L	9595	0.2	1	7/9/2002	7/18/2002
057842-010A	N3-0.3	3.7	mg/L	9595	0.2	1	7/9/2002	7/18/2002
057842-013A	N4-S	4.7	mg/L	9595	0.2	1	7/9/2002	7/18/2002
057842-025A	N7-S	5.4	mg/L	9595	0.2	1	7/9/2002	7/18/2002
057842-027A	N8-S	5.2	mg/L	9595	0.2	1	7/9/2002	7/18/2002
057842-031A	N9-S	2.7	mg/L	9595	0.2	1	7/9/2002	7/18/2002
057842-036A	N11-S	3.1	mg/L	9595	0.2	1	7/9/2002	7/18/2002
057842-043A	N13-S	3.9	mg/L	9595	0.2	1	7/9/2002	7/18/2002
057842-046A	N14-0.3	5.1	mg/L	9596	0.2	1	7/9/2002	7/18/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



LEAD BY ATOMIC ABSORPTION  
WET DI/ EPA 7420

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057842
<b>Project:</b>	Rte 5-North bound, 09100-06-49	<b>Date Received:</b>	7/9/2002 6:44:00
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	JT

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057842-001A	N1-S	7.3	mg/L	9555	0.2	1	7/9/2002	7/16/2002
057842-002A	N1-0.3	ND	mg/L	9555	0.2	1	7/9/2002	7/16/2002
057842-011A	N3-0.6	5.6	mg/L	9555	0.2	1	7/9/2002	7/16/2002
057842-017A	N5-S	3.6	mg/L	9555	0.2	1	7/9/2002	7/16/2002
057842-018A	N5-0.3	1.0	mg/L	9555	0.2	1	7/9/2002	7/16/2002
057842-019A	N5-0.6	1.7	mg/L	9555	0.2	1	7/9/2002	7/16/2002
057842-021A	N6-S	14	mg/L	9555	0.2	1	7/9/2002	7/16/2002
057842-022A	N6-0.3	4.5	mg/L	9555	0.2	1	7/9/2002	7/16/2002
057842-026A	N7-0.3	0.47	mg/L	9555	0.2	1	7/9/2002	7/16/2002
057842-028A	N8-0.3	3.2	mg/L	9555	0.2	1	7/9/2002	7/16/2002
057842-032A	N9-0.3	10	mg/L	9555	0.2	1	7/9/2002	7/16/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



LEAD BY ATOMIC ABSORPTION  
WET DI/ EPA 7420

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057842
<b>Project:</b>	Rte 5-North bound, 09100-06-49	<b>Date Received:</b>	7/9/2002 6:44:00
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	JT

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057842-035A	N10-S	5.6	mg/L	9556	0.2	1	7/9/2002	7/16/2002
057842-037A	N11-0.3	6.7	mg/L	9556	0.2	1	7/9/2002	7/16/2002
057842-040A	N12-S	8.9	mg/L	9556	0.2	1	7/9/2002	7/16/2002
057842-041A	N12-0.3	11	mg/L	9556	0.2	1	7/9/2002	7/16/2002
057842-042A	N12-0.6	8.1	mg/L	9556	0.2	1	7/9/2002	7/16/2002
057842-044A	N13-0.3	ND	mg/L	9556	0.2	1	7/9/2002	7/16/2002
057842-045A	N14-S	0.99	mg/L	9556	0.2	1	7/9/2002	7/16/2002
057842-047A	N15-S	2.6	mg/L	9556	0.2	1	7/9/2002	7/16/2002
057842-048A	N15-0.3	2.4	mg/L	9556	0.2	1	7/9/2002	7/16/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



# Advanced Technology Laboratories

Date: 30-Jul-02

**CLIENT:** Geocon Environmental

**Client Sample ID:** N8-S

**Lab Order:** 057842

**Project:** Rte 5-North bound, 09100-06-49

**Collection Date:** 7/9/2002

**Lab ID:** 057842-027A

**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
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## ICP METALS

(EPA 3050A)

EPA 6010B

RunID:	ICP2_020730A	QC Batch:	9925				Analyst: RQ
Antimony	1.5	0.25	mg/Kg	1	7/30/2002		
Arsenic	15	0.25	mg/Kg	1	7/30/2002		
Barium	200	0.15	mg/Kg	1	7/30/2002		
Beryllium	ND	0.15	mg/Kg	1	7/30/2002		
Cadmium	0.50	0.15	mg/Kg	1	7/30/2002		
Chromium	25	0.15	mg/Kg	1	7/30/2002		
Cobalt	6.0	0.15	mg/Kg	1	7/30/2002		
Copper	59	0.15	mg/Kg	1	7/30/2002		
Lead	2000	0.25	mg/Kg	1	7/30/2002		
Molybdenum	2.5	0.25	mg/Kg	1	7/30/2002		
Nickel	16	0.15	mg/Kg	1	7/30/2002		
Selenium	ND	0.25	mg/Kg	1	7/30/2002		
Silver	ND	0.15	mg/Kg	1	7/30/2002		
Thallium	1.0	0.25	mg/Kg	1	7/30/2002		
Vanadium	26	0.15	mg/Kg	1	7/30/2002		
Zinc	650	0.50	mg/Kg	1	7/30/2002		

## MERCURY BY COLD VAPOR TECHNIQUE

(EPA 7471)

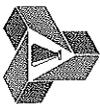
EPA 7471A

RunID:	AA1_020729A	QC Batch:	9919				Analyst: NS
Mercury	ND	0.10	mg/Kg	1	7/29/2002		

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike/Surrogate outside of limits due to matrix interfere  
 J - Analyte detected below quantitation limits      H - Sample exceeded analytical holding time  
 B - Analyte detected in the associated Method Blank      E - Value above quantitation range  
 DO - Surrogate Diluted Out      Results are wet unless otherwise specified

Page 1 of 1





Advanced Technology Laboratories

Date: 12-Jul-02

CLIENT: Geocon Environmental
Work Order: 057842
Project: Rte 5-North bound, 09100-06-49

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010\_SPB

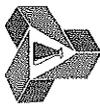
Table with 13 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, (EPA 3050M), Analysis Date, SeqNo, Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual. Row 1: MB-9509, MBLK, 6010\_SPB, mg/Kg, 7/11/2002, ICP5\_020712E, ZZZZZ, 9509, EPA 6010B, (EPA 3050M), 7/12/2002, 298239, Lead, 0.423, 5.0

Table with 13 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, (EPA 3050M), Analysis Date, SeqNo, Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual. Row 1: LCS-9509, LCS, 6010\_SPB, mg/Kg, 7/11/2002, ICP5\_020712E, ZZZZZ, 9509, EPA 6010B, (EPA 3050M), 7/12/2002, 298238, Lead, 232.6, 5.0, 250, 0, 93, 80, 120, 0, 0

Table with 13 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, (EPA 3050M), Analysis Date, SeqNo, Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual. Row 1: 057842-050AMS, MS, 6010\_SPB, mg/Kg, 7/11/2002, ICP5\_020712E, N15-0.9, 9509, EPA 6010B, (EPA 3050M), 7/12/2002, 298236, Lead, 171.1, 5.0, 250, 8.166, 65.2, 47, 128, 0, 0

Table with 13 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, (EPA 3050M), Analysis Date, SeqNo, Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual. Row 1: 057842-050ADUP, DUP, 6010\_SPB, mg/Kg, 7/11/2002, ICP5\_020712E, N15-0.9, 9509, EPA 6010B, (EPA 3050M), 7/12/2002, 298235, Lead, 12.72, 5.0, 0, 0, 0, 0, 0, 8.166, 43.6, 30, R

Qualifiers: ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits DO- Surrogate dilute out
J - Analyte detected below quantitation limits B - Analyte detected in the associated Method Blank H - Sample exceeded holding time
R - RPD outside accepted recovery limits Calculations are based on raw values



CLIENT: Geocon Environmental  
Work Order: 057842  
Project: Rte 5-North bound, 09100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 6010\_WPB

Sample ID	MB-9484	SampType:	MBLK	TestCode:	6010_WPB	Units:	mg/L	Prep Date:	7/10/2002	Run ID:	ICP2_020711F			
Client ID:	ZZZZZ	Batch ID:	9484	TestNo:	EPA 6010B (EPA 3010A)			Analysis Date:	7/11/2002	SeqNo:	297603			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead ND 0.0050

Sample ID	LCS-9484	SampType:	LCS	TestCode:	6010_WPB	Units:	mg/L	Prep Date:	7/10/2002	Run ID:	ICP2_020711F			
Client ID:	ZZZZZ	Batch ID:	9484	TestNo:	EPA 6010B (EPA 3010A)			Analysis Date:	7/11/2002	SeqNo:	297604			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 0.99 0.0050 1 0 99 80 120 0 0

Sample ID	057842-055AMS	SampType:	MS	TestCode:	6010_WPB	Units:	mg/L	Prep Date:	7/10/2002	Run ID:	ICP2_020711F			
Client ID:	C5	Batch ID:	9484	TestNo:	EPA 6010B (EPA 3010A)			Analysis Date:	7/11/2002	SeqNo:	297618			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 2.51 0.0050 2.5 0 100 66 118 0 0

Sample ID	057842-055ADUP	SampType:	DUP	TestCode:	6010_WPB	Units:	mg/L	Prep Date:	7/10/2002	Run ID:	ICP2_020711F			
Client ID:	C5	Batch ID:	9484	TestNo:	EPA 6010B (EPA 3010A)			Analysis Date:	7/11/2002	SeqNo:	297616			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead ND 0.0050 0 0 0 0 0 0 0 0 0 30

Qualifiers: ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



CLIENT: Geocon Environmental  
Work Order: 057842  
Project: Rte 5-North bound, 09100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 9045\_S

Sample ID	057842-050ADUP	SampType:	DUP	TestCode:	9045_S	Units:	pH Units	Prep Date:	7/11/2002	Run ID:	WETCHEM_020711C		
Client ID:	N15-0.9	Batch ID:	R19309	TestNo:	EPA 9045C	Analysis Date:	7/11/2002	SeqNo:	297600				
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
pH		8.03		0.10	0	0	0	0	0	8.01	0.249	20	

Qualifiers: ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



Advanced Technology Laboratories

Date: 18-Jul-02

CLIENT: Geocon Environmental
Work Order: 057842
Project: Rte 5-North bound, 09100-06-49

ANALYTICAL QC SUMMARY REPORT

TestCode: 7420\_ST

Table with 12 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, Analysis Date, SeqNo, and 4 columns for analyte results (PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual). Row 1: MB-9551, MBLK, 7420\_ST, mg/L, 7/17/2002, AA2\_020717B, ZZZZZ, 9551, WET/ EPA 74 (WET), 7/17/2002, 300430, Lead, ND, 0.20.

Table with 12 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, Analysis Date, SeqNo, and 4 columns for analyte results. Row 1: MB-9551A, MBLK, 7420\_ST, mg/L, 7/13/2002, AA2\_020717B, ZZZZZ, 9551, WET/ EPA 74 (WET), 7/17/2002, 300431, Lead, 0.07002, 0.20.

Table with 12 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, Analysis Date, SeqNo, and 4 columns for analyte results. Row 1: MB-9551B, MBLK, 7420\_ST, mg/L, 7/13/2002, AA2\_020717B, ZZZZZ, 9551, WET/ EPA 74 (WET), 7/17/2002, 300444, Lead, ND, 0.20.

Table with 12 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, Analysis Date, SeqNo, and 4 columns for analyte results. Row 1: MB-9552, MBLK, 7420\_ST, mg/L, 7/17/2002, AA2\_020717C, ZZZZZ, 9552, WET/ EPA 74 (WET), 7/17/2002, 300459, Lead, ND, 0.20.

Table with 12 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, Analysis Date, SeqNo, and 4 columns for analyte results. Row 1: MB-9552A, MBLK, 7420\_ST, mg/L, 7/13/2002, AA2\_020717C, ZZZZZ, 9552, WET/ EPA 74 (WET), 7/17/2002, 300460, Lead, ND, 0.20.

Qualifiers: ND - Not Detected at the Reporting Limit, S - Spike Recovery outside accepted recovery limits, DO - Surrogate dilute out, J - Analyte detected below quantitation limits, B - Analyte detected in the associated Method Blank, H - Sample exceeded holding time, R - RPD outside accepted recovery limits, Calculations are based on raw values



CLIENT: Geocon Environmental  
Work Order: 057842  
Project: Rte 5-North bound, 09100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 7420\_ST

Sample ID	MB-9552B	SampType:	MBLK	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/13/2002	Run ID:	AA2_020717C			
Client ID:	ZZZZZ	Batch ID:	9552	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/17/2002	SeqNo:	300473			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead ND 0.20

Sample ID	LCS-9551	SampType:	LCS	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/17/2002	Run ID:	AA2_020717B			
Client ID:	ZZZZZ	Batch ID:	9551	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/17/2002	SeqNo:	300458			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 7.471 0.20 7.5 0 99.6 80 120 0 0

Sample ID	LCS-9552	SampType:	LCS	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/17/2002	Run ID:	AA2_020717C			
Client ID:	ZZZZZ	Batch ID:	9552	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/17/2002	SeqNo:	300487			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 7.508 0.20 7.5 0 100 80 120 0 0

Sample ID	057842-007AMS	SampType:	MS	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/17/2002	Run ID:	AA2_020717B			
Client ID:	N2-0.6	Batch ID:	9551	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/17/2002	SeqNo:	300443			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 8.479 0.20 5 3.853 92.5 80 120 0 0

Sample ID	057842-032AMS	SampType:	MS	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/17/2002	Run ID:	AA2_020717B			
Client ID:	N9-0.3	Batch ID:	9551	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/17/2002	SeqNo:	300456			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 67.84 1.0 25 46.92 83.7 80 120 0 0

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



CLIENT: Geocon Environmental  
Work Order: 057842  
Project: Rte 5-North bound, 09100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 7420\_ST

Sample ID	057858-003AMS	SampType:	MS	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/17/2002	Run ID:	AA2_020717C			
Client ID:	ZZZZZ	Batch ID:	9552	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/17/2002	SeqNo:	300472			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 4.939 0.20 5 0.1252 96.3 80 120 0 0

Sample ID	057842-007ADUP	SampType:	DUP	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/13/2002	Run ID:	AA2_020717B			
Client ID:	N2-0.6	Batch ID:	9551	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/17/2002	SeqNo:	300442			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 3.95 0.20 0 0 0 0 0 0 3.853 2.48 30

Sample ID	057842-032ADUP	SampType:	DUP	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/13/2002	Run ID:	AA2_020717B			
Client ID:	N9-0.3	Batch ID:	9551	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/17/2002	SeqNo:	300455			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 48.39 0.80 0 0 0 0 0 0 46.92 3.09 30

Sample ID	057858-003ADUP	SampType:	DUP	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/13/2002	Run ID:	AA2_020717C			
Client ID:	ZZZZZ	Batch ID:	9552	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/17/2002	SeqNo:	300471			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead ND 0.20 0 0 0 0 0 0 0.1252 0 30

Qualifiers: ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



Advanced Technology Laboratories

Date: 18-Jul-02

CLIENT: Geocon Environmental
Work Order: 057842
Project: Rte 5-North bound, 09100-06-49

ANALYTICAL QC SUMMARY REPORT

TestCode: 7420\_TC

Table with 13 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, Analysis Date, SeqNo, Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual. Row 1: MB-9595, MBLK, 7420\_TC, mg/L, 7/16/2002, AA2\_020718A, ZZZZZ, 9595, EPA 1311/ 74 (EPA 3010A), 7/18/2002, 300679, Lead, 0.05373, 0.20

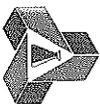
Table with 13 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, Analysis Date, SeqNo, Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual. Row 1: MB-9588-TCLP, MBLK, 7420\_TC, mg/L, 7/16/2002, AA2\_020718A, ZZZZZ, 9595, EPA 1311/ 74 (EPA 3010A), 7/18/2002, 300680, Lead, 0.09351, 0.20

Table with 13 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, Analysis Date, SeqNo, Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual. Row 1: MB-9596, MBLK, 7420\_TC, mg/L, 7/16/2002, AA2\_020718B, ZZZZZ, 9596, EPA 1311/ 74 (EPA 3010A), 7/18/2002, 300695, Lead, ND, 0.20

Table with 13 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, Analysis Date, SeqNo, Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual. Row 1: MB-9589-TCLP, MBLK, 7420\_TC, mg/L, 7/16/2002, AA2\_020718B, ZZZZZ, 9596, EPA 1311/ 74 (EPA 3010A), 7/18/2002, 300696, Lead, 0.04945, 0.20

Table with 13 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, Analysis Date, SeqNo, Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual. Row 1: LCS-9595, LCS, 7420\_TC, mg/L, 7/16/2002, AA2\_020718A, ZZZZZ, 9595, EPA 1311/ 74 (EPA 3010A), 7/18/2002, 300694, Lead, 1.108, 0.20, 1, 0, 111, 80, 120, 0, 0

Qualifiers: ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits DO- Surrogate dilute out
J - Analyte detected below quantitation limits B - Analyte detected in the associated Method Blank H - Sample exceeded holding time
R - RPD outside accepted recovery limits Calculations are based on raw values



CLIENT: Geocon Environmental  
Work Order: 057842  
Project: Rte 5-North bound, 09100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 7420\_TC

Sample ID	LCS-9596	SampType:	LCS	TestCode:	7420_TC	Units:	mg/L	Prep Date:	7/16/2002	Run ID:	AA2_020718B
Client ID:	ZZZZZ	Batch ID:	9596	TestNo:	EPA 1311/ 74 (EPA 3010A)	Analysis Date:	7/18/2002	SeqNo:	300701		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	1.14	0.20	1	0	114	80	120	0	0		
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Sample ID	057842-043AMS	SampType:	MS	TestCode:	7420_TC	Units:	mg/L	Prep Date:	7/16/2002	Run ID:	AA2_020718A
Client ID:	N13-S	Batch ID:	9595	TestNo:	EPA 1311/ 74 (EPA 3010A)	Analysis Date:	7/18/2002	SeqNo:	300692		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	6.132	0.20	2.5	3.917	88.6	80	120	0	0		
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Sample ID	057842-046AMS	SampType:	MS	TestCode:	7420_TC	Units:	mg/L	Prep Date:	7/16/2002	Run ID:	AA2_020718B
Client ID:	N14-0.3	Batch ID:	9596	TestNo:	EPA 1311/ 74 (EPA 3010A)	Analysis Date:	7/18/2002	SeqNo:	300699		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	7.276	0.20	2.5	5.136	85.6	80	120	0	0		
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Sample ID	057842-043ADUP	SampType:	DUP	TestCode:	7420_TC	Units:	mg/L	Prep Date:	7/16/2002	Run ID:	AA2_020718A
Client ID:	N13-S	Batch ID:	9595	TestNo:	EPA 1311/ 74 (EPA 3010A)	Analysis Date:	7/18/2002	SeqNo:	300691		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	4.083	0.20	0	0	0	0	0	3.917	4.16	30	
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Sample ID	057842-046ADUP	SampType:	DUP	TestCode:	7420_TC	Units:	mg/L	Prep Date:	7/16/2002	Run ID:	AA2_020718B
Client ID:	N14-0.3	Batch ID:	9596	TestNo:	EPA 1311/ 74 (EPA 3010A)	Analysis Date:	7/18/2002	SeqNo:	300698		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	4.65	0.20	0	0	0	0	0	5.136	9.93	30	
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**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



Advanced Technology Laboratories

Date: 18-Jul-02

CLIENT: Geocon Environmental
Work Order: 057842
Project: Rte 5-North bound, 09100-06-49

ANALYTICAL QC SUMMARY REPORT

TestCode: 7420\_DI

Table with 13 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, Analysis Date, SeqNo, Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual. Row 1: MB-9555, MBLK, 7420\_DI, mg/L, 7/16/2002, AA2\_020716C, ZZZZZ, 9555, WET DI/ EPA (WET), 7/16/2002, 300044, Lead, ND, 0.20

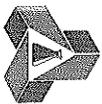
Table with 13 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, Analysis Date, SeqNo, Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual. Row 1: MB-9555A, MBLK, 7420\_DI, mg/L, 7/13/2002, AA2\_020716C, ZZZZZ, 9555, WET DI/ EPA (WET), 7/16/2002, 300045, Lead, ND, 0.20

Table with 13 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, Analysis Date, SeqNo, Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual. Row 1: MB-9555B, MBLK, 7420\_DI, mg/L, 7/13/2002, AA2\_020716C, ZZZZZ, 9555, WET DI/ EPA (WET), 7/16/2002, 300058, Lead, ND, 0.20

Table with 13 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, Analysis Date, SeqNo, Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual. Row 1: MB-9556, MBLK, 7420\_DI, mg/L, 7/16/2002, AA2\_020716D, ZZZZZ, 9556, WET DI/ EPA (WET), 7/16/2002, 300094, Lead, ND, 0.20

Table with 13 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, Analysis Date, SeqNo, Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual. Row 1: MB-9556A, MBLK, 7420\_DI, mg/L, 7/13/2002, AA2\_020716D, ZZZZZ, 9556, WET DI/ EPA (WET), 7/16/2002, 300095, Lead, ND, 0.20

Qualifiers: ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits DO- Surrogate dilute out
J - Analyte detected below quantitation limits B - Analyte detected in the associated Method Blank H - Sample exceeded holding time
R - RPD outside accepted recovery limits Calculations are based on raw values



CLIENT: Geocon Environmental  
Work Order: 057842  
Project: Rte 5-North bound, 09100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 7420\_DI

Sample ID	LCS-9555	SampType:	LCS	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/16/2002	Run ID:	AA2_020716C
Client ID:	ZZZZZ	Batch ID:	9555	TestNo:	WET DI/ EPA (WET)	Analysis Date:	7/16/2002	SeqNo:	300072		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	7.689	0.20	7.5	0	103	80	120	0	0		

Sample ID	LCS-9556	SampType:	LCS	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/16/2002	Run ID:	AA2_020716D
Client ID:	ZZZZZ	Batch ID:	9556	TestNo:	WET DI/ EPA (WET)	Analysis Date:	7/16/2002	SeqNo:	300108		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	7.696	0.20	7.5	0	103	80	120	0	0		

Sample ID	057842-007AMS	SampType:	MS	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/16/2002	Run ID:	AA2_020716C
Client ID:	N2-0.6	Batch ID:	9555	TestNo:	WET DI/ EPA (WET)	Analysis Date:	7/16/2002	SeqNo:	300057		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	5.464	0.20	5	0	109	80	120	0	0		

Sample ID	057842-032AMS	SampType:	MS	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/16/2002	Run ID:	AA2_020716C
Client ID:	N9-0.3	Batch ID:	9555	TestNo:	WET DI/ EPA (WET)	Analysis Date:	7/16/2002	SeqNo:	300070		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	20.55	0.40	10	10.22	103	80	120	0	0		

Sample ID	057842-048AMS	SampType:	MS	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/16/2002	Run ID:	AA2_020716D
Client ID:	N15-0.3	Batch ID:	9556	TestNo:	WET DI/ EPA (WET)	Analysis Date:	7/16/2002	SeqNo:	300106		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	7.667	0.20	5	2.437	105	80	120	0	0		

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO - Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



CLIENT: Geocon Environmental  
Work Order: 057842  
Project: Rte 5-North bound, 09100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 7420\_DI

Sample ID	057842-007ADUP	SampType:	DUP	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/13/2002	Run ID:	AA2_020716C		
Client ID:	N2-0.6	Batch ID:	9555	TestNo:	WET DI/ EPA (WET)			Analysis Date:	7/16/2002	SeqNo:	300056		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead		ND		0.20	0	0	0	0	0	0	0	30	
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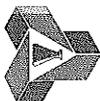
Sample ID	057842-032ADUP	SampType:	DUP	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/13/2002	Run ID:	AA2_020716C		
Client ID:	N9-0.3	Batch ID:	9555	TestNo:	WET DI/ EPA (WET)			Analysis Date:	7/16/2002	SeqNo:	300069		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead		10.59		0.20	0	0	0	0	0	10.22	3.58	30	
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Sample ID	057842-048ADUP	SampType:	DUP	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/13/2002	Run ID:	AA2_020716D		
Client ID:	N15-0.3	Batch ID:	9556	TestNo:	WET DI/ EPA (WET)			Analysis Date:	7/16/2002	SeqNo:	300105		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead		1.904		0.20	0	0	0	0	0	2.437	24.6	30	
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Qualifiers: ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



Advanced Technology Laboratories

Date: 30-Jul-02

CLIENT: Geocon Environmental
Work Order: 057842
Project: Rte 5-North bound, 09100-06-49

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010\_S

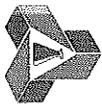
Table with 6 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID. Values include MB-9925, MBLK, 6010\_S, mg/Kg, 7/29/2002, ICP2\_020730A.

Main data table with 13 columns: Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual. Lists elements like Antimony, Arsenic, Barium, etc.

Table with 6 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID. Values include LCS-9925, LCS, 6010\_S, mg/Kg, 7/29/2002, ICP2\_020730A.

Main data table with 13 columns: Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual. Lists elements like Antimony, Arsenic, Barium, etc.

Qualifiers: ND - Not Detected at the Reporting Limit, S - Spike Recovery outside accepted recovery limits, DO- Surrogate dilute out, J - Analyte detected below quantitation limits, B - Analyte detected in the associated Method Blank, H - Sample exceeded holding time, R - RPD outside accepted recovery limits, Calculations are based on raw values



CLIENT: Geocon Environmental  
Work Order: 057842  
Project: Rte 5-North bound, 09100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 6010\_S

Sample ID	SampType	TestCode	Units	Prep Date	Run ID						
LCS-9925	LCS	6010_S	mg/Kg	7/29/2002	ICP2_020730A						
Client ID: ZZZZZ	Batch ID: 9925	TestNo: EPA 6010B (EPA 3050A)		Analysis Date: 7/30/2002	SeqNo: 309338						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	45.5	0.25	50	0	91	80	120	0	0		
Molybdenum	47.5	0.25	50	0	95	80	120	0	0		
Nickel	43.5	0.15	50	0	87	80	120	0	0		
Selenium	45.5	0.25	50	0	91	80	120	0	0		
Silver	46	0.15	50	0	92	80	120	0	0		
Thallium	46.5	0.25	50	0	93	80	120	0	0		
Vanadium	47	0.15	50	0	94	80	120	0	0		
Zinc	46	0.50	50	0	92	80	120	0	0		

Sample ID	SampType	TestCode	Units	Prep Date	Run ID						
057842-027AMS	MS	6010_S	mg/Kg	7/29/2002	ICP2_020730A						
Client ID: N8-S	Batch ID: 9925	TestNo: EPA 6010B (EPA 3050A)		Analysis Date: 7/30/2002	SeqNo: 309342						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	71.5	0.25	125	1.5	56	32	115	0	0		
Arsenic	107.5	0.25	125	14.5	74.4	59	111	0	0		
Barium	354.5	0.15	125	196	127	34	151	0	0		
Beryllium	90	0.15	125	0	72	56	112	0	0		
Cadmium	86.5	0.15	125	0.5	68.8	52	120	0	0		
Chromium	114	0.15	125	25	71.2	56	118	0	0		
Cobalt	94.5	0.15	125	6	70.8	58	117	0	0		
Copper	192.5	0.15	125	59	107	58	134	0	0		
Lead	2186	0.25	125	1974	169	47	128	0	0		S
Molybdenum	94	0.25	125	2.5	73.2	56	115	0	0		
Nickel	104.5	0.15	125	15.5	71.2	52	120	0	0		
Selenium	90.5	0.25	125	0.112	72.3	46	108	0	0		
Silver	95.5	0.15	125	0.1425	76.3	74	117	0	0		
Thallium	90	0.25	125	1	71.2	62	117	0	0		
Vanadium	125.5	0.15	125	26.5	79.2	55	122	0	0		
Zinc	799.5	0.50	125	652	118	43	134	0	0		

Qualifiers: ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



CLIENT: Geocon Environmental  
Work Order: 057842  
Project: Rte 5-North bound, 09100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 6010\_S

Sample ID	057842-027AMSD	SampType: MSD	TestCode: 6010_S	Units: mg/Kg	Prep Date: 7/29/2002	Run ID: ICP2_020730A					
Client ID:	N8-S	Batch ID: 9925	TestNo: EPA 6010B (EPA 3050A)		Analysis Date: 7/30/2002	SeqNo: 309343					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	63.5	0.25	125	1.5	49.6	32	115	71.5	11.9	20	
Arsenic	95.5	0.25	125	14.5	64.8	59	111	107.5	11.8	20	
Barium	277	0.15	125	196	64.8	34	151	354.5	24.5	20	R
Beryllium	78.5	0.15	125	0	62.8	56	112	90	13.6	20	
Cadmium	79.5	0.15	125	0.5	63.2	52	120	86.5	8.43	20	
Chromium	98.5	0.15	125	25	58.8	56	118	114	14.6	20	
Cobalt	82.5	0.15	125	6	61.2	58	117	94.5	13.6	20	
Copper	139.5	0.15	125	59	64.4	58	134	192.5	31.9	20	R
Lead	1792	0.25	125	1974	-146	47	128	2186	19.8	20	S
Molybdenum	84	0.25	125	2.5	65.2	56	115	94	11.2	20	
Nickel	90.5	0.15	125	15.5	60	52	120	104.5	14.4	20	
Selenium	81	0.25	125	0.112	64.7	46	108	90.5	11.1	20	
Silver	88.5	0.15	125	0.1425	70.7	74	117	95.5	7.61	20	S
Thallium	83	0.25	125	1	65.6	62	117	90	8.09	20	
Vanadium	107.5	0.15	125	26.5	64.8	55	122	125.5	15.5	20	
Zinc	677.5	0.50	125	652	20.4	43	134	799.5	16.5	20	S

Sample ID	057842-027ADUP	SampType: DUP	TestCode: 6010_S	Units: mg/Kg	Prep Date: 7/29/2002	Run ID: ICP2_020730A					
Client ID:	N8-S	Batch ID: 9925	TestNo: EPA 6010B (EPA 3050A)		Analysis Date: 7/30/2002	SeqNo: 309341					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	1.5	0.25	0	0	0	0	0	1.5	0	30	
Arsenic	15	0.25	0	0	0	0	0	14.5	3.39	30	
Barium	247	0.15	0	0	0	0	0	196	23.0	30	
Beryllium	ND	0.15	0	0	0	0	0	0	0	30	
Cadmium	0.493	0.15	0	0	0	0	0	0.5	1.41	30	
Chromium	22.5	0.15	0	0	0	0	0	25	10.5	30	
Cobalt	7	0.15	0	0	0	0	0	6	15.4	30	
Copper	62	0.15	0	0	0	0	0	59	4.96	30	
Lead	2261	0.25	0	0	0	0	0	1974	13.5	30	

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      **Calculations are based on raw values**



CLIENT: Geocon Environmental  
Work Order: 057842  
Project: Rte 5-North bound, 09100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 6010\_S

Sample ID: 057842-027ADUP	SampType: DUP	TestCode: 6010_S	Units: mg/Kg	Prep Date: 7/29/2002	Run ID: ICP2_020730A
Client ID: N8-S	Batch ID: 9925	TestNo: EPA 6010B (EPA 3050A)		Analysis Date: 7/30/2002	SeqNo: 309341

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Molybdenum	2.5	0.25	0	0	0	0	0	2.5	0	30	
Nickel	18	0.15	0	0	0	0	0	15.5	14.9	30	
Selenium	0.028	0.25	0	0	0	0	0	0.112	0	30	J
Silver	0.1825	0.15	0	0	0	0	0	0.1425	24.6	30	
Thallium	1	0.25	0	0	0	0	0	1	0	30	
Vanadium	30.5	0.15	0	0	0	0	0	26.5	14.0	30	
Zinc	730	0.50	0	0	0	0	0	652	11.3	30	

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      **Calculations are based on raw values**



**CLIENT:** Geocon Environmental  
**Work Order:** 057842  
**Project:** Rte 5-North bound, 09100-06-49

## ANALYTICAL QC SUMMARY REPORT

**TestCode:** 7471\_S

Sample ID <b>MB-9919</b>	SampType: <b>mblk</b>	TestCode: <b>7471_S</b>	Units: <b>mg/Kg</b>	Prep Date: <b>7/28/2002</b>	Run ID: <b>AA1_020729A</b>
Client ID: <b>ZZZZZ</b>	Batch ID: <b>9919</b>	TestNo: <b>EPA 7471A (EPA 7471)</b>		Analysis Date: <b>7/29/2002</b>	SeqNo: <b>309061</b>
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Mercury ND 0.10

Sample ID <b>LCS-9919</b>	SampType: <b>ics</b>	TestCode: <b>7471_S</b>	Units: <b>mg/Kg</b>	Prep Date: <b>7/28/2002</b>	Run ID: <b>AA1_020729A</b>
Client ID: <b>ZZZZZ</b>	Batch ID: <b>9919</b>	TestNo: <b>EPA 7471A (EPA 7471)</b>		Analysis Date: <b>7/29/2002</b>	SeqNo: <b>309060</b>
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Mercury 2.02 0.10 2.08 0 97.1 80 120 0 0

Sample ID <b>057892-003AMS</b>	SampType: <b>MS</b>	TestCode: <b>7471_S</b>	Units: <b>mg/Kg</b>	Prep Date: <b>7/28/2002</b>	Run ID: <b>AA1_020729A</b>
Client ID: <b>ZZZZZ</b>	Batch ID: <b>9919</b>	TestNo: <b>EPA 7471A (EPA 7471)</b>		Analysis Date: <b>7/29/2002</b>	SeqNo: <b>309064</b>
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Mercury 0.609 1.0 0.83 0 73.4 62 146 0 0 J

Sample ID <b>057892-003AMSD</b>	SampType: <b>MSD</b>	TestCode: <b>7471_S</b>	Units: <b>mg/Kg</b>	Prep Date: <b>7/28/2002</b>	Run ID: <b>AA1_020729A</b>
Client ID: <b>ZZZZZ</b>	Batch ID: <b>9919</b>	TestNo: <b>EPA 7471A (EPA 7471)</b>		Analysis Date: <b>7/29/2002</b>	SeqNo: <b>309065</b>
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Mercury 0.6339 1.0 0.83 0 76.4 62 146 0.609 0 33 J

Sample ID <b>057892-003ADUP</b>	SampType: <b>DUP</b>	TestCode: <b>7471_S</b>	Units: <b>mg/Kg</b>	Prep Date: <b>7/28/2002</b>	Run ID: <b>AA1_020729A</b>
Client ID: <b>ZZZZZ</b>	Batch ID: <b>9919</b>	TestNo: <b>EPA 7471A (EPA 7471)</b>		Analysis Date: <b>7/29/2002</b>	SeqNo: <b>309063</b>
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Mercury ND 1.0 0 0 0 0 0 0 0 0 30

**Qualifiers:** ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits B - Analyte detected in the associated Method Blank H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits Calculations are based on raw values

REVISIONS  
BY \_\_\_\_\_ DATE \_\_\_\_\_  
BY \_\_\_\_\_ DATE \_\_\_\_\_

All samples → total lead (6010)  
total lead > 50 mg/kg → WET-Citric  
WET-CITRIC > 5 mg/L → WET-DI  
Total lead > 1,000 mg/kg → TCLP  
10% → Soil pH (9045)

Please call when all totals have been run. I will instruct what samples should be run for Title 22 metals.

Thanks - Chris King

BY \_\_\_\_\_ DATE \_\_\_\_\_  
CHECKED BY \_\_\_\_\_

**Diane**

---

**From:** Chris King [king@geoconinc.com]  
**Sent:** Monday, July 22, 2002 10:57 AM  
**To:** 'Diane'  
**Subject:** 09100-06-49

Diane - please run the 15 samples with the highest total lead content for Title 22 metals. Please do this for each direction (northbound and southbound), so the total number of tests will be 30. Thank you and please call me if you have any questions.

Christopher S. King  
Senior Staff Engineer  
Geocon Consultants, Inc.

7/22/2002

July 29, 2002

Chris King  
Geocon Environmental  
6970 Flanders Drive  
San Diego, CA 92121  
TEL: (858) 558-6100  
FAX: (858) 558-8437  
RE: Rte 5-NB, 9100-06-49  
Attention: Chris King

ELAP No.: 1838  
NELAP No.: 02107CA  
Workorder No.: 057941

Enclosed are the results for sample(s) received on July 16, 2002 by Advanced Technology Laboratories and tested for the parameters indicated in the enclosed chain of custody.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (562)989-4045 if I can be of further assistance to your company.

Sincerely,



Eddie F. Rodriguez  
Laboratory Director

AUG 02 2002

This cover letter is an integral part of this analytical report.



# CHAIN OF CUSTODY RECORD

## FOR LABORATORY USE ONLY:



**Advanced Technology  
Laboratories**  
3275 Walnut Avenue  
Signal Hill, CA 90807  
(562) 989-4045 • FAX (562) 989-4040

P.O.#: \_\_\_\_\_

Method of Transport: Walk-in  Courier  UPS  FED. EXP.  ATL

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 ENVIRONMENTAL - SAN DIEGO** Address: 6970 Flanders Drive State CA Zip Code 92121 TEL: ( 858 ) 558-6100  
 Attn: Chris King City San Diego FAX: ( 858 ) 558-8437

Project Name: Rte 5-NB Project #: 9100-06-49 Sampler: (Signature) CSK/GCA  
 Relinquished by: (Signature) [Signature] Date: 7/16 Time: \_\_\_\_\_ Received by: (Signature) [Signature] Date: \_\_\_\_\_ Time: \_\_\_\_\_  
 Relinquished by: (Signature) [Signature] Date: 7-16 Time: \_\_\_\_\_ Received by: (Signature) [Signature] Date: 7-16-02 Time: 11:30A  
 Relinquished by: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_ Received by: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

I hereby authorize ATL to perform the work indicated below:  
 Project Mgr / Submitter: CSK 7/16  
 Send Report To: Attn: \_\_\_\_\_ Co: Client Address: \_\_\_\_\_ City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_  
 Bill To: Attn: \_\_\_\_\_ Co: Client Address: \_\_\_\_\_ City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Special Instructions/Comments: Attached

Unless otherwise requested, all samples will be disposed 45 days after receipt.  
 Sample Archive/Disposal:  
 Laboratory Standard  
 Other \_\_\_\_\_  
 Return To: \_\_\_\_\_  
 \* \$10.00 FEE PER HAZARDOUS SAMPLE DISPOSAL.

Circle or Add Analysis(es) Requested	CIRCLE APPROPRIATE MATRIX			PRESERVATION	QA/QC
	SOLID (SOL)	LIQUID (LIQ)	OTHER		
8091 / 8092 (Pesticides/PCB/SC)				RTNE <input type="checkbox"/> RWQCB <input type="checkbox"/> WIP <input type="checkbox"/> NAVY <input type="checkbox"/> CT <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>	REMARKS
8580 (Nitrates-GC/MS)					
825 / 8270 (BNA-GC/MS)					
Metals Total (CAC-8010 / 7000)					
8015M TPH/BTEX (COMBINATION)					
8015M TPH/D (Diesel-GC)					
<u>Total Lead/Gold</u>					

ITEM	LAB USE ONLY:		Sample Description	
	Batch #:	Lab No.	Sample I.D.	Date Time
		05794-001	N105-S	7/16 9:18
		2	N106-S	9:15
		3	N106-0.3	9:19
		4	N106-0.6	9:26
		5	N106-0.9	9:29
		6	N107-S	9:18
		7	N107-0.3	9:25
		8	N107-0.6	9:30
		9	N107-0.9	9:36
		10	N108-S	9:33

TAT starts 8 a.m. following day if samples received after 5 p.m.

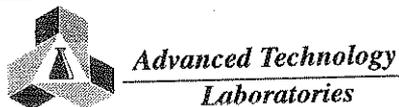
TAT: A= Overnight < 24 hr B= Emergency Next workday C= Critical 2 Workdays D= Urgent 3 Workdays E= Routine 7 Workdays

Preservatives: H=HCl N=HNO<sub>3</sub> S=H<sub>2</sub>SO<sub>4</sub> C=4°C Z=Zn(AC)<sub>2</sub> O=NaOH T=Na<sub>2</sub>S<sub>2</sub>O<sub>3</sub>

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal



# CHAIN OF CUSTODY RECORD



3275 Walnut Avenue  
Signal Hill, CA 90807  
(562) 989-4045 • FAX (562) 989-4040

## FOR LABORATORY USE ONLY:

P.O.#: _____  Logged By: <u>[Signature]</u> Date: <u>7/16/02</u> Time: _____	Method of Transport Walk-in <input checked="" type="checkbox"/> Courier <input type="checkbox"/> UPS <input type="checkbox"/> FED. EXP. <input type="checkbox"/> ATL <input type="checkbox"/>	Sample Condition Upon Receipt 1. CHILLED Y <input type="checkbox"/> N <input checked="" type="checkbox"/> 4. SEALED Y <input type="checkbox"/> N <input checked="" type="checkbox"/> 2. HEADSPACE (VOA) Y <input type="checkbox"/> N <input type="checkbox"/> 5. # OF SPLS MATCH COC Y <input type="checkbox"/> N <input checked="" type="checkbox"/> 3. CONTAINER INTACT Y <input checked="" type="checkbox"/> N <input type="checkbox"/> 6. PRESERVED Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
--	--	---

Client: <b>GEOCON ENVIRONMENTAL - SAN DIEGO</b> Attn: <u>Chris King</u>	Address: 6970 Flanders Drive City: San Diego State: CA Zip Code: 92121	TEL: ( 858 ) 558-6100 FAX: ( 858 ) 558-8437
--	---	--

Project Name: <u>Rte 5-NB</u>	Project #: <u>9100-06-49</u>	Sampler: <u>CSK/GCA</u>	(Signature) <u>[Signature]</u>
Relinquished by: <u>[Signature]</u> Date: <u>7/16</u> Time: _____	Received by: <u>[Signature]</u> Date: _____ Time: _____	Relinquished by: <u>[Signature]</u> Date: <u>7/16</u> Time: _____	Received by: <u>[Signature]</u> Date: <u>7/16/02</u> Time: <u>11:30 AM</u>
Relinquished by: <u>[Signature]</u> Date: _____ Time: _____	Received by: _____ Date: _____ Time: _____	Relinquished by: <u>[Signature]</u> Date: _____ Time: _____	Received by: _____ Date: _____ Time: _____

I hereby authorize ATL to perform the work indicated below: Project Mgr /Submitter: <u>CSK</u> <u>7/16</u> Print Name Date	Send Report To: Attn: _____ Co: <u>Client</u> Address _____ City _____ State _____ Zip _____	Bill To: Attn: _____ Co: <u>Client</u> Address _____ City _____ State _____ Zip _____	Special Instructions/Comments: <p style="font-size: 2em; text-align: center;">Attached</p>
--	--	---	---

Unless otherwise requested, all samples will be disposed 45 days after receipt.	Sample Archive/Disposal: <input type="checkbox"/> Laboratory Standard <input type="checkbox"/> Other _____ <input type="checkbox"/> Return To: _____ * \$10.00 FEE PER HAZARDOUS SAMPLE DISPOSAL.
---	---

Circle or Add Analysis(es) Requested 8201 / 8202 (Pesticides/PCB-CO) 8230 (V. Chloride-GC/MS) 8237 / 8270 (BNA-GC/MS) Metals: Total (CAC-3010 / 7000) 8015M TPH/BTEX (COMBINATION) 8015M TPHID (Diesel/GC) <u>Total Lead 670</u> <u>Title 22 mobile 670</u>	CIRCLE APPROPRIATE MATRIX SOLID • SOIL • SLUDGE OIL • SOLVENT • LIQUID WATER • WASTEWATER DRINKING WATER AIR WIPE • FILTER OTHER	Container(s) TAT # Type	Q A / Q C PRESERVATION RTNE <input type="checkbox"/> RWQCB <input type="checkbox"/> WIP <input type="checkbox"/> NAVY <input type="checkbox"/> CT <input checked="" type="checkbox"/> OTHER _____
---	---	----------------------------	--

ITEM	LAB USE ONLY:		Sample Description				Analysis Requested										Container(s)		REMARKS				
	Batch #:	Lab No.	Sample I.D.	Date	Time	8201 / 8202	8230	8237 / 8270	Metals: Total	8015M TPH/BTEX	8015M TPHID	SOLID • SOIL • SLUDGE	OIL • SOLVENT • LIQUID	WATER • WASTEWATER	DRINKING WATER	AIR	WIPE • FILTER	OTHER		TAT	#	Type	
		13	C35	7/16	9:35					X										E	1	P/P	
		14	C36		9:55															E	1	P/P	
		15	Drum		11:00					X										E	1	P/P	

• TAT starts 8 a.m. following day if samples received after 5 p.m.	TAT: A= <input type="checkbox"/> Overnight ≤ 24 hr B= <input type="checkbox"/> Emergency Next workday C= <input type="checkbox"/> Critical 2 Workdays D= <input type="checkbox"/> Urgent 3 Workdays E= <input type="checkbox"/> Routine 7 Workdays	Preservatives: H=HCl N=HNO <sub>3</sub> S=H <sub>2</sub> SO <sub>4</sub> C=4°C Z=Zn(Ac) <sub>2</sub> O=NaOH T=Na <sub>2</sub> S <sub>2</sub> O <sub>8</sub>	Container Types: T=Tube V=VOA L=Liter P=Pin J=Jar B=Tedlar G=Glass P=Plastic M=Metal
--	--	---	--

# Advanced Technology Laboratories

Date: 7/29/2002

## LEAD BY ICP EPA 6010B

**CLIENT:** Geocon Environmental  
**Project:** Rte 5-NB, 9100-06-49  
**Project No:**  
**PO No:**

**Lab Order:** 057941  
**Date Received:** 7/16/2002 11:30:  
**Matrix:** Soil  
**Analyst:** RQ

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057941-001A	N105-S	1300	mg/Kg	9621	5	1	7/16/2002	7/18/2002
057941-002A	N106-S	1400	mg/Kg	9621	5	1	7/16/2002	7/18/2002
057941-003A	N106-0.3	1200	mg/Kg	9621	5	1	7/16/2002	7/18/2002
057941-004A	N106-0.6	32	mg/Kg	9621	5	1	7/16/2002	7/18/2002
057941-005A	N106-0.9	7.0	mg/Kg	9621	5	1	7/16/2002	7/18/2002
057941-006A	N107-S	410	mg/Kg	9621	5	1	7/16/2002	7/18/2002
057941-007A	N107-0.3	170	mg/Kg	9621	5	1	7/16/2002	7/18/2002
057941-008A	N107-0.6	22	mg/Kg	9621	5	1	7/16/2002	7/18/2002
057941-009A	N107-0.9	5.0	mg/Kg	9621	5	1	7/16/2002	7/18/2002
057941-010A	N108-S	430	mg/Kg	9621	5	1	7/16/2002	7/18/2002
057941-011A	N108-0.3	720	mg/Kg	9621	5	1	7/16/2002	7/18/2002

**Qualifiers:** ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 DO - Surrogate Diluted Out  
 S - Spike/Surrogate outside of limits due to matrix interfere  
 H - Sample exceeded analytical holding time  
 E - Value above quantitation range  
 Results are wet unless otherwise specified

Page 1 of 4



**Advanced Technology Laboratories**

Date: 7/29/2002

**LEAD BY ICP  
EPA 6010B**

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057941
<b>Project:</b>	Rte 5-NB, 9100-06-49	<b>Date Received:</b>	7/16/2002 11:30:
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	RQ

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057941-012A	N108-0.6	26	mg/Kg	9621	5	1	7/16/2002	7/18/2002

**Qualifiers:**

ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
B - Analyte detected in the associated Method Blank	E - Value above quantitation range
DO - Surrogate Diluted Out	Results are wet unless otherwise specified



**Advanced Technology Laboratories**

Date: 7/29/2002

**ICP METALS  
EPA 6010B**

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057941
<b>Project:</b>	Rte 5-NB, 9100-06-49	<b>Date Received:</b>	7/16/2002 11:30:
<b>Project No:</b>		<b>Matrix:</b>	Water
<b>PO No:</b>		<b>Analyst:</b>	RQ

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057941-013A	C35	0.0060	mg/L	9686	0.005	1	7/16/2002	7/22/2002
057941-014A	C36	ND	mg/L	9686	0.005	1	7/16/2002	7/22/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



**Advanced Technology Laboratories**

Date: 7/29/2002

**pH**  
**EPA 9045C**

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057941
<b>Project:</b>	Rte 5-NB, 9100-06-49	<b>Date Received:</b>	7/16/2002 11:30:
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	JT

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057941-001A	N105-S	6.98	pH Units	R19605	0.1	1	7/16/2002	7/21/2002
057941-010A	N108-S	6.91	pH Units	R19605	0.1	1	7/16/2002	7/21/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



# Advanced Technology Laboratories

Date: 29-Jul-02

**CLIENT:** Geocon Environmental  
**Lab Order:** 057941  
**Project:** Rte 5-NB, 9100-06-49  
**Lab ID:** 057941-015A

**Client Sample ID:** DRUM  
**Collection Date:** 7/16/2002  
**Matrix:** WATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS</b>						
	(EPA 3010A)			EPA 6010B		
RunID: ICP2_020722B	QC Batch: 9686					Analyst: RQ
Antimony	ND	0.0050		mg/L	1	7/22/2002
Arsenic	ND	0.0050		mg/L	1	7/22/2002
Barium	0.060	0.0030		mg/L	1	7/22/2002
Beryllium	ND	0.0030		mg/L	1	7/22/2002
Cadmium	ND	0.0030		mg/L	1	7/22/2002
Chromium	0.0071	0.0030		mg/L	1	7/22/2002
Cobalt	ND	0.0030		mg/L	1	7/22/2002
Copper	0.040	0.0030		mg/L	1	7/22/2002
Lead	0.10	0.0050		mg/L	1	7/22/2002
Molybdenum	ND	0.0050		mg/L	1	7/22/2002
Nickel	0.0055	0.0030		mg/L	1	7/22/2002
Selenium	ND	0.0050		mg/L	1	7/22/2002
Silver	ND	0.0030		mg/L	1	7/22/2002
Thallium	ND	0.0050		mg/L	1	7/22/2002
Vanadium	0.0070	0.0030		mg/L	1	7/22/2002
Zinc	0.17	0.010		mg/L	1	7/22/2002

## MERCURY BY COLD VAPOR TECHNIQUE

	(EPA 7470)			EPA 7470A		
RunID: AA1_020719A	QC Batch: 9660					Analyst: NS
Mercury	ND	0.20		µg/L	1	7/19/2002

**Qualifiers:** ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 DO - Surrogate Diluted Out  
 S - Spike/Surrogate outside of limits due to matrix interfere  
 H - Sample exceeded analytical holding time  
 E - Value above quantitation range  
 Results are wet unless otherwise specified



LEAD BY ATOMIC ABSORPTION  
WET/ EPA 7420

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057941
<b>Project:</b>	Rte 5-NB, 9100-06-49	<b>Date Received:</b>	7/16/2002 11:30:
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	NS

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057941-006A	N107-S	27	mg/L	9790	0.8	4	7/16/2002	7/27/2002
057941-007A	N107-0.3	11	mg/L	9790	0.4	2	7/16/2002	7/27/2002
057941-010A	N108-S	41	mg/L	9790	1	5	7/16/2002	7/27/2002
057941-011A	N108-0.3	68	mg/L	9790	2	10	7/16/2002	7/27/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



LEAD BY ATOMIC ABSORPTION  
EPA 1311/7420

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057941
<b>Project:</b>	Rte 5-NB, 9100-06-49	<b>Date Received:</b>	7/16/2002 11:30:
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	JT

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057941-001A	N105-S	6.6	mg/L	9852	0.2	1	7/16/2002	7/26/2002
057941-002A	N106-S	4.1	mg/L	9852	0.2	1	7/16/2002	7/26/2002
057941-003A	N106-0.3	1.3	mg/L	9853	0.2	1	7/16/2002	7/26/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



LEAD BY ATOMIC ABSORPTION  
WET DI/ EPA 7420

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057941
<b>Project:</b>	Rte 5-NB, 9100-06-49	<b>Date Received:</b>	7/16/2002 11:30:
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	JT

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057941-006A	N107-S	0.58	mg/L	9781	0.2	1	7/16/2002	7/28/2002
057941-007A	N107-0.3	0.32	mg/L	9781	0.2	1	7/16/2002	7/28/2002
057941-010A	N108-S	0.44	mg/L	9781	0.2	1	7/16/2002	7/28/2002
057941-011A	N108-0.3	1.3	mg/L	9781	0.2	1	7/16/2002	7/28/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified





# Advanced Technology Laboratories

**CLIENT:** Geocon Environmental  
**Work Order:** 057941  
**Project:** Rte 5-NB, 9100-06-49

## ANALYTICAL QC SUMMARY REPORT

**TestCode: 6010\_SPB**

Sample ID	SampType	TestCode	Units	Prep Date	Run ID						
MB-9621A	MBLK	6010_SPB	mg/Kg	7/17/2002	ICP5_020718H						
Client ID: ZZZZZ	Batch ID: 9621	TestNo: EPA 6010B (EPA 3050M)		Analysis Date: 7/18/2002	SeqNo: 301410						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	5.0									
MB-9621B	MBLK	6010_SPB	mg/Kg	7/17/2002	ICP5_020718H						
Client ID: ZZZZZ	Batch ID: 9621	TestNo: EPA 6010B (EPA 3050M)		Analysis Date: 7/18/2002	SeqNo: 301411						
Lead	ND	5.0									
LCS-9621	LCS	6010_SPB	mg/Kg	7/17/2002	ICP5_020718H						
Client ID: ZZZZZ	Batch ID: 9621	TestNo: EPA 6010B (EPA 3050M)		Analysis Date: 7/18/2002	SeqNo: 301409						
Lead	230.4	5.0	250	0	92.2	80	120	0	0		
057941-010AMS	MS	6010_SPB	mg/Kg	7/17/2002	ICP5_020718H						
Client ID: N108-S	Batch ID: 9621	TestNo: EPA 6010B (EPA 3050M)		Analysis Date: 7/18/2002	SeqNo: 301395						
Lead	747	5.0	250	429.8	127	47	128	0	0		
057942-008AMS	MS	6010_SPB	mg/Kg	7/17/2002	ICP5_020718H						
Client ID: ZZZZZ	Batch ID: 9621	TestNo: EPA 6010B (EPA 3050M)		Analysis Date: 7/18/2002	SeqNo: 301407						
Lead	295.2	5.0	250	194.8	40.2	47	128	0	0		S

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO - Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



**CLIENT:** Geocon Environmental  
**Work Order:** 057941  
**Project:** Rte 5-NB, 9100-06-49

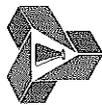
### ANALYTICAL QC SUMMARY REPORT

**TestCode: 6010\_SPB**

Sample ID	<b>057941-010ADUP</b>	SampType:	<b>DUP</b>	TestCode:	<b>6010_SPB</b>	Units:	<b>mg/Kg</b>	Prep Date:	<b>7/17/2002</b>	Run ID:	<b>ICP5_020718H</b>		
Client ID:	<b>N108-S</b>	Batch ID:	<b>9621</b>	TestNo:	<b>EPA 6010B</b>	(EPA 3050M)		Analysis Date:	<b>7/18/2002</b>	SeqNo:	<b>301394</b>		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead		653.3		5.0	0	0	0	0	0	429.8	41.3	30	R

Sample ID	<b>057942-008ADUP</b>	SampType:	<b>DUP</b>	TestCode:	<b>6010_SPB</b>	Units:	<b>mg/Kg</b>	Prep Date:	<b>7/17/2002</b>	Run ID:	<b>ICP5_020718H</b>		
Client ID:	<b>ZZZZZ</b>	Batch ID:	<b>9621</b>	TestNo:	<b>EPA 6010B</b>	(EPA 3050M)		Analysis Date:	<b>7/18/2002</b>	SeqNo:	<b>301406</b>		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead		172.2		5.0	0	0	0	0	0	194.8	12.3	30	

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      **Calculations are based on raw values**



CLIENT: Geocon Environmental  
Work Order: 057941  
Project: Rte 5-NB, 9100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 6010\_W

Sample ID	MB-9686	SampType: MBLK	TestCode: 6010_W	Units: mg/L	Prep Date: 7/19/2002	Run ID: ICP2_020722B					
Client ID:	ZZZZZ	Batch ID: 9686	TestNo: EPA 6010B (EPA 3010A)		Analysis Date: 7/22/2002	SeqNo: 302684					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	ND	0.0050									
Arsenic	ND	0.0050									
Barium	ND	0.0030									
Beryllium	ND	0.0030									
Cadmium	ND	0.0030									
Chromium	ND	0.0030									
Cobalt	ND	0.0030									
Copper	0.00131	0.0030									
Lead	ND	0.0050									
Molybdenum	ND	0.0050									
Nickel	ND	0.0030									
Selenium	ND	0.0050									
Silver	ND	0.0030									
Thallium	ND	0.0050									
Vanadium	ND	0.0030									
Zinc	ND	0.010									

Sample ID	LCS-9686	SampType: LCS	TestCode: 6010_W	Units: mg/L	Prep Date: 7/19/2002	Run ID: ICP2_020722B					
Client ID:	ZZZZZ	Batch ID: 9686	TestNo: EPA 6010B (EPA 3010A)		Analysis Date: 7/22/2002	SeqNo: 302685					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	1.01	0.0050	1	0	101	80	120	0	0		
Arsenic	1.03	0.0050	1	0	103	80	120	0	0		
Barium	0.99	0.0030	1	0	99	80	120	0	0		
Beryllium	1.01	0.0030	1	0	101	80	120	0	0		
Cadmium	0.95	0.0030	1	0	95	80	120	0	0		
Chromium	0.97	0.0030	1	0	97	80	120	0	0		
Cobalt	0.96	0.0030	1	0	96	80	120	0	0		
Copper	0.98	0.0030	1	0	98	80	120	0	0		
Lead	0.95	0.0050	1	0	95	80	120	0	0		

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



CLIENT: Geocon Environmental  
Work Order: 057941  
Project: Rte 5-NB, 9100-06-49

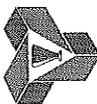
### ANALYTICAL QC SUMMARY REPORT

TestCode: 6010\_W

Sample ID	SampType	TestCode	Units	Prep Date	Run ID						
LCS-9686	LCS	6010_W	mg/L	7/19/2002	ICP2_020722B						
Client ID: ZZZZZ	Batch ID: 9686	TestNo: EPA 6010B (EPA 3010A)		Analysis Date: 7/22/2002	SeqNo: 302685						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Molybdenum	1.01	0.0050	1	0	101	80	120	0	0		
Nickel	0.93	0.0030	1	0	93	80	120	0	0		
Selenium	0.99	0.0050	1	0	99	80	120	0	0		
Silver	1	0.0030	1	0	100	80	120	0	0		
Thallium	1	0.0050	1	0	100	80	120	0	0		
Vanadium	1.02	0.0030	1	0	102	80	120	0	0		
Zinc	0.97	0.010	1	0	97	80	120	0	0		

Sample ID	SampType	TestCode	Units	Prep Date	Run ID						
057941-014AMS	MS	6010_W	mg/L	7/19/2002	ICP2_020722B						
Client ID: C36	Batch ID: 9686	TestNo: EPA 6010B (EPA 3010A)		Analysis Date: 7/22/2002	SeqNo: 302690						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	2.44	0.0050	2.5	0	97.6	69	116	0	0		
Arsenic	2.45	0.0050	2.5	0	98	67	114	0	0		
Barium	2.41	0.0030	2.5	0	96.4	63	125	0	0		
Beryllium	2.45	0.0030	2.5	0	98	60	117	0	0		
Cadmium	2.33	0.0030	2.5	0	93.2	63	123	0	0		
Chromium	2.37	0.0030	2.5	0	94.8	68	118	0	0		
Cobalt	2.35	0.0030	2.5	0	94	68	118	0	0		
Copper	2.48	0.0030	2.5	0	99.2	72	123	0	0		
Lead	2.28	0.0050	2.5	0	91.2	66	118	0	0		
Molybdenum	2.45	0.0050	2.5	0	98	65	111	0	0		
Nickel	2.35	0.0030	2.5	0	94	64	121	0	0		
Selenium	2.44	0.0050	2.5	0	97.6	62	109	0	0		
Silver	2.43	0.0030	2.5	0	97.2	71	137	0	0		
Thallium	2.38	0.0050	2.5	0	95.2	67	122	0	0		
Vanadium	2.45	0.0030	2.5	0	98	69	118	0	0		
Zinc	2.35	0.010	2.5	0.00883	93.6	65	112	0	0		

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



CLIENT: Geocon Environmental  
Work Order: 057941  
Project: Rte 5-NB, 9100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 6010\_W

Sample ID: <b>057941-014AMSD</b>	SampType: <b>MSD</b>	TestCode: <b>6010_W</b>	Units: <b>mg/L</b>	Prep Date: <b>7/19/2002</b>	Run ID: <b>ICP2_020722B</b>
Client ID: <b>C36</b>	Batch ID: <b>9686</b>	TestNo: <b>EPA 6010B (EPA 3010A)</b>		Analysis Date: <b>7/22/2002</b>	SeqNo: <b>302691</b>

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	2.42	0.0050	2.5	0	96.8	69	116	2.44	0.823	20	
Arsenic	2.42	0.0050	2.5	0	96.8	67	114	2.45	1.23	20	
Barium	2.39	0.0030	2.5	0	95.6	63	125	2.41	0.833	20	
Beryllium	2.42	0.0030	2.5	0	96.8	60	117	2.45	1.23	20	
Cadmium	2.31	0.0030	2.5	0	92.4	63	123	2.33	0.862	20	
Chromium	2.36	0.0030	2.5	0	94.4	68	118	2.37	0.423	20	
Cobalt	2.33	0.0030	2.5	0	93.2	68	118	2.35	0.855	20	
Copper	2.45	0.0030	2.5	0	98	72	123	2.48	1.22	20	
Lead	2.27	0.0050	2.5	0	90.8	66	118	2.28	0.440	20	
Molybdenum	2.43	0.0050	2.5	0	97.2	65	111	2.45	0.820	20	
Nickel	2.32	0.0030	2.5	0	92.8	64	121	2.35	1.28	20	
Selenium	2.42	0.0050	2.5	0	96.8	62	109	2.44	0.823	20	
Silver	2.42	0.0030	2.5	0	96.8	71	137	2.43	0.412	20	
Thallium	2.37	0.0050	2.5	0	94.8	67	122	2.38	0.421	20	
Vanadium	2.43	0.0030	2.5	0	97.2	69	118	2.45	0.820	20	
Zinc	2.33	0.010	2.5	0.00883	92.8	65	112	2.35	0.855	20	

Sample ID: <b>057941-014ADUP</b>	SampType: <b>DUP</b>	TestCode: <b>6010_W</b>	Units: <b>mg/L</b>	Prep Date: <b>7/19/2002</b>	Run ID: <b>ICP2_020722B</b>
Client ID: <b>C36</b>	Batch ID: <b>9686</b>	TestNo: <b>EPA 6010B (EPA 3010A)</b>		Analysis Date: <b>7/22/2002</b>	SeqNo: <b>302689</b>

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	ND	0.0050	0	0	0	0	0	0	0	30	
Arsenic	ND	0.0050	0	0	0	0	0	0	0	30	
Barium	ND	0.0030	0	0	0	0	0	0	0	30	
Beryllium	ND	0.0030	0	0	0	0	0	0	0	30	
Cadmium	ND	0.0030	0	0	0	0	0	0	0	30	
Chromium	ND	0.0030	0	0	0	0	0	0	0	30	
Cobalt	ND	0.0030	0	0	0	0	0	0	0	30	
Copper	ND	0.0030	0	0	0	0	0	0	0	30	
Lead	ND	0.0050	0	0	0	0	0	0	0	30	

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



**CLIENT:** Geocon Environmental  
**Work Order:** 057941  
**Project:** Rte 5-NB, 9100-06-49

### ANALYTICAL QC SUMMARY REPORT

**TestCode:** 6010\_W

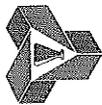
Sample ID: 057941-014ADUP	SampType: DUP	TestCode: 6010_W	Units: mg/L	Prep Date: 7/19/2002	Run ID: ICP2_020722B						
Client ID: C36	Batch ID: 9686	TestNo: EPA 6010B (EPA 3010A)		Analysis Date: 7/22/2002	SeqNo: 302689						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Molybdenum	ND	0.0050	0	0	0	0	0	0	0	30	
Nickel	ND	0.0030	0	0	0	0	0	0	0	30	
Selenium	ND	0.0050	0	0	0	0	0	0	0	30	
Silver	ND	0.0030	0	0	0	0	0	0	0	30	
Thallium	ND	0.0050	0	0	0	0	0	0	0	30	
Vanadium	ND	0.0030	0	0	0	0	0	0	0	30	
Zinc	0.00886	0.010	0	0	0	0	0	0.00883	0	30	J

**Qualifiers:**

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S - Spike Recovery outside accepted recovery limits  
B - Analyte detected in the associated Method Blank  
**Calculations are based on raw values**

DO- Surrogate dilute out  
H - Sample exceeded holding time



**CLIENT:** Geocon Environmental  
**Work Order:** 057941  
**Project:** Rte 5-NB, 9100-06-49

### ANALYTICAL QC SUMMARY REPORT

**TestCode: 6010\_WPB**

Sample ID <b>MB-9686</b>	SampType: <b>MBLK</b>	TestCode: <b>6010_WPB</b>	Units: <b>mg/L</b>	Prep Date: <b>7/19/2002</b>	Run ID: <b>ICP2_020722A</b>						
Client ID: <b>ZZZZZ</b>	Batch ID: <b>9686</b>	TestNo: <b>EPA 6010B (EPA 3010A)</b>		Analysis Date: <b>7/22/2002</b>	SeqNo: <b>302676</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead ND 0.0050

Sample ID <b>LCS-9686</b>	SampType: <b>LCS</b>	TestCode: <b>6010_WPB</b>	Units: <b>mg/L</b>	Prep Date: <b>7/19/2002</b>	Run ID: <b>ICP2_020722A</b>						
Client ID: <b>ZZZZZ</b>	Batch ID: <b>9686</b>	TestNo: <b>EPA 6010B (EPA 3010A)</b>		Analysis Date: <b>7/22/2002</b>	SeqNo: <b>302677</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 0.95 0.0050 1 0 95 80 120 0 0

Sample ID <b>057941-014AMS</b>	SampType: <b>MS</b>	TestCode: <b>6010_WPB</b>	Units: <b>mg/L</b>	Prep Date: <b>7/19/2002</b>	Run ID: <b>ICP2_020722A</b>						
Client ID: <b>C36</b>	Batch ID: <b>9686</b>	TestNo: <b>EPA 6010B (EPA 3010A)</b>		Analysis Date: <b>7/22/2002</b>	SeqNo: <b>302682</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 2.28 0.0050 2.5 0 91.2 66 118 0 0

Sample ID <b>057941-014ADUP</b>	SampType: <b>DUP</b>	TestCode: <b>6010_WPB</b>	Units: <b>mg/L</b>	Prep Date: <b>7/19/2002</b>	Run ID: <b>ICP2_020722A</b>						
Client ID: <b>C36</b>	Batch ID: <b>9686</b>	TestNo: <b>EPA 6010B (EPA 3010A)</b>		Analysis Date: <b>7/22/2002</b>	SeqNo: <b>302681</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

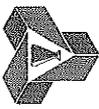
Lead ND 0.0050 0 0 0 0 0 0 0 0 30

**Qualifiers:**

ND - Not Detected at the Reporting Limit  
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R - RPD outside accepted recovery limits

S - Spike Recovery outside accepted recovery limits  
B - Analyte detected in the associated Method Blank  
Calculations are based on raw values

DO- Surrogate dilute out  
H - Sample exceeded holding time



CLIENT: Geocon Environmental  
Work Order: 057941  
Project: Rte 5-NB, 9100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 7470\_W

Sample ID	MB-9660	SampType:	MBLK	TestCode:	7470_W	Units:	µg/L	Prep Date:	7/18/2002	Run ID:	AA1_020719A			
Client ID:	ZZZZZ	Batch ID:	9660	TestNo:	EPA 7470A	(EPA 7470)		Analysis Date:	7/19/2002	SeqNo:	301600			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Mercury		ND		0.20										
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Sample ID	LCS-9660	SampType:	LCS	TestCode:	7470_W	Units:	µg/L	Prep Date:	7/18/2002	Run ID:	AA1_020719A			
Client ID:	ZZZZZ	Batch ID:	9660	TestNo:	EPA 7470A	(EPA 7470)		Analysis Date:	7/19/2002	SeqNo:	301599			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Mercury		22.58		0.20	25	0		90.3	80	120	0	0		
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Sample ID	057941-015AMS	SampType:	MS	TestCode:	7470_W	Units:	µg/L	Prep Date:	7/18/2002	Run ID:	AA1_020719A			
Client ID:	DRUM	Batch ID:	9660	TestNo:	EPA 7470A	(EPA 7470)		Analysis Date:	7/19/2002	SeqNo:	301596			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Mercury		23.99		0.20	25	0		96	69	144	0	0		
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Sample ID	057941-015AMSD	SampType:	MSD	TestCode:	7470_W	Units:	µg/L	Prep Date:	7/18/2002	Run ID:	AA1_020719A			
Client ID:	DRUM	Batch ID:	9660	TestNo:	EPA 7470A	(EPA 7470)		Analysis Date:	7/19/2002	SeqNo:	301597			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Mercury		24.27		0.20	25	0		97.1	69	144	23.99	1.17	20	
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Sample ID	057941-015ADUP	SampType:	DUP	TestCode:	7470_W	Units:	µg/L	Prep Date:	7/18/2002	Run ID:	AA1_020719A			
Client ID:	DRUM	Batch ID:	9660	TestNo:	EPA 7470A	(EPA 7470)		Analysis Date:	7/19/2002	SeqNo:	301595			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Mercury		ND		0.20	0	0		0	0	0	0	0	0	30
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Qualifiers: ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
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**CLIENT:** Geocon Environmental  
**Work Order:** 057941  
**Project:** Rte 5-NB, 9100-06-49

### ANALYTICAL QC SUMMARY REPORT

**TestCode:** 9045\_S

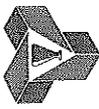
Sample ID: <b>057948-024A-DUP</b>	SampType: <b>DUP</b>	TestCode: <b>9045_S</b>	Units: <b>pH Units</b>	Prep Date: <b>7/21/2002</b>	Run ID: <b>WETCHEM_020721A</b>						
Client ID: <b>ZZZZZ</b>	Batch ID: <b>R19605</b>	TestNo: <b>EPA 9045C</b>		Analysis Date: <b>7/21/2002</b>	SeqNo: <b>302534</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
pH	8.085	0.10	0	0	0	0	0	8.086	0.0124	20	

**Qualifiers:**

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S - Spike Recovery outside accepted recovery limits  
B - Analyte detected in the associated Method Blank  
Calculations are based on raw values

DO- Surrogate dilute out  
H - Sample exceeded holding time



Advanced Technology Laboratories

Date: 29-Jul-02

CLIENT: Geocon Environmental
Work Order: 057941
Project: Rte 5-NB, 9100-06-49

ANALYTICAL QC SUMMARY REPORT

TestCode: 7420\_ST

Table with 12 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, Analysis Date, SeqNo, Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual. Row 1: MB-9790, MBLK, 7420\_ST, mg/L, 7/27/2002, AA2\_020727B, ZZZZZ, 9790, WET/ EPA 74 (WET), 7/27/2002, 307885, Lead, ND, 0.20

Table with 12 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, Analysis Date, SeqNo, Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual. Row 1: MB-9790A, MBLK, 7420\_ST, mg/L, 7/23/2002, AA2\_020727B, ZZZZZ, 9790, WET/ EPA 74 (WET), 7/27/2002, 307886, Lead, ND, 0.20

Table with 12 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, Analysis Date, SeqNo, Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual. Row 1: MB-9790B, MBLK, 7420\_ST, mg/L, 7/23/2002, AA2\_020727B, ZZZZZ, 9790, WET/ EPA 74 (WET), 7/27/2002, 307899, Lead, 0.0481, 0.20

Table with 12 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, Analysis Date, SeqNo, Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual. Row 1: LCS-9790, LCS, 7420\_ST, mg/L, 7/27/2002, AA2\_020727B, ZZZZZ, 9790, WET/ EPA 74 (WET), 7/27/2002, 307913, Lead, 7.422, 0.20, 7.5, 0, 99, 80, 120, 0, 0

Table with 12 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, Analysis Date, SeqNo, Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual. Row 1: 057941-006AMS, MS, 7420\_ST, mg/L, 7/27/2002, AA2\_020727B, N107-S, 9790, WET/ EPA 74 (WET), 7/27/2002, 307898, Lead, 62.75, 1.6, 40, 26.6, 90.4, 80, 120, 0, 0

Qualifiers: ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits DO- Surrogate dilute out
J - Analyte detected below quantitation limits B - Analyte detected in the associated Method Blank H - Sample exceeded holding time
R - RPD outside accepted recovery limits Calculations are based on raw values



**CLIENT:** Geocon Environmental  
**Work Order:** 057941  
**Project:** Rte 5-NB, 9100-06-49

### ANALYTICAL QC SUMMARY REPORT

**TestCode:** 7420\_ST

Sample ID	SampType	TestCode	Units	Prep Date	Run ID						
057942-008AMS	MS	7420_ST	mg/L	7/27/2002	AA2_020727B						
Client ID: ZZZZZ	Batch ID: 9790	TestNo: WET/ EPA 74 (WET)		Analysis Date: 7/27/2002	SeqNo: 307911						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	34.06	0.80	20	15.64	92.1	80	120	0	0		

Sample ID	SampType	TestCode	Units	Prep Date	Run ID						
057941-006ADUP	DUP	7420_ST	mg/L	7/23/2002	AA2_020727B						
Client ID: N107-S	Batch ID: 9790	TestNo: WET/ EPA 74 (WET)		Analysis Date: 7/27/2002	SeqNo: 307897						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	26.35	0.80	0	0	0	0	0	26.6	0.961	30	

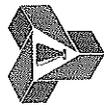
Sample ID	SampType	TestCode	Units	Prep Date	Run ID						
057942-008ADUP	DUP	7420_ST	mg/L	7/23/2002	AA2_020727B						
Client ID: ZZZZZ	Batch ID: 9790	TestNo: WET/ EPA 74 (WET)		Analysis Date: 7/27/2002	SeqNo: 307910						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	15.58	0.40	0	0	0	0	0	15.64	0.443	30	

**Qualifiers:**

ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
R - RPD outside accepted recovery limits

S - Spike Recovery outside accepted recovery limits  
B - Analyte detected in the associated Method Blank  
Calculations are based on raw values

DO- Surrogate dilute out  
H - Sample exceeded holding time



# Advanced Technology Laboratories

Date: 29-Jul-02

**CLIENT:** Geocon Environmental  
**Work Order:** 057941  
**Project:** Rte 5-NB, 9100-06-49

## ANALYTICAL QC SUMMARY REPORT

TestCode: 7420\_TC

Sample ID <b>MB-9852</b>	SampType: <b>MBLK</b>	TestCode: <b>7420_TC</b>	Units: <b>mg/L</b>	Prep Date: <b>7/25/2002</b>	Run ID: <b>AA2_020726C</b>						
Client ID: <b>ZZZZZ</b>	Batch ID: <b>9852</b>	TestNo: <b>EPA 1311/ 74 (EPA 3010A)</b>		Analysis Date: <b>7/26/2002</b>	SeqNo: <b>306786</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	0.06093	0.20									

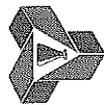
Sample ID <b>MB-9847-TCLP</b>	SampType: <b>MBLK</b>	TestCode: <b>7420_TC</b>	Units: <b>mg/L</b>	Prep Date: <b>7/25/2002</b>	Run ID: <b>AA2_020726C</b>						
Client ID: <b>ZZZZZ</b>	Batch ID: <b>9852</b>	TestNo: <b>EPA 1311/ 74 (EPA 3010A)</b>		Analysis Date: <b>7/26/2002</b>	SeqNo: <b>306787</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	0.04928	0.20									

Sample ID <b>MB-9853</b>	SampType: <b>MBLK</b>	TestCode: <b>7420_TC</b>	Units: <b>mg/L</b>	Prep Date: <b>7/25/2002</b>	Run ID: <b>AA2_020726D</b>						
Client ID: <b>ZZZZZ</b>	Batch ID: <b>9853</b>	TestNo: <b>EPA 1311/ 74 (EPA 3010A)</b>		Analysis Date: <b>7/26/2002</b>	SeqNo: <b>306802</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	0.05538	0.20									

Sample ID <b>MB-9848-TCLP</b>	SampType: <b>MBLK</b>	TestCode: <b>7420_TC</b>	Units: <b>mg/L</b>	Prep Date: <b>7/25/2002</b>	Run ID: <b>AA2_020726D</b>						
Client ID: <b>ZZZZZ</b>	Batch ID: <b>9853</b>	TestNo: <b>EPA 1311/ 74 (EPA 3010A)</b>		Analysis Date: <b>7/26/2002</b>	SeqNo: <b>306803</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	0.0763	0.20									

Sample ID <b>LCS-9852</b>	SampType: <b>LCS</b>	TestCode: <b>7420_TC</b>	Units: <b>mg/L</b>	Prep Date: <b>7/25/2002</b>	Run ID: <b>AA2_020726C</b>						
Client ID: <b>ZZZZZ</b>	Batch ID: <b>9852</b>	TestNo: <b>EPA 1311/ 74 (EPA 3010A)</b>		Analysis Date: <b>7/26/2002</b>	SeqNo: <b>306801</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	1.17	0.20	1	0	117	80	120	0	0		

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



**CLIENT:** Geocon Environmental  
**Work Order:** 057941  
**Project:** Rte 5-NB, 9100-06-49

### ANALYTICAL QC SUMMARY REPORT

**TestCode:** 7420\_TC

Sample ID	LCS-9853	SampType:	LCS	TestCode:	7420_TC	Units:	mg/L	Prep Date:	7/25/2002	Run ID:	AA2_020726D			
Client ID:	ZZZZZ	Batch ID:	9853	TestNo:	EPA 1311/ 74 (EPA 3010A)			Analysis Date:	7/26/2002	SeqNo:	306810			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	1.157	0.20	1	0	116	80	120	0	0					
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Sample ID	057941-002AMS	SampType:	MS	TestCode:	7420_TC	Units:	mg/L	Prep Date:	7/25/2002	Run ID:	AA2_020726C			
Client ID:	N106-S	Batch ID:	9852	TestNo:	EPA 1311/ 74 (EPA 3010A)			Analysis Date:	7/26/2002	SeqNo:	306799			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	6.023	0.20	2.5	4.118	76.2	80	120	0	0					S
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Sample ID	057942-017AMS	SampType:	MS	TestCode:	7420_TC	Units:	mg/L	Prep Date:	7/25/2002	Run ID:	AA2_020726D			
Client ID:	ZZZZZ	Batch ID:	9853	TestNo:	EPA 1311/ 74 (EPA 3010A)			Analysis Date:	7/26/2002	SeqNo:	306808			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	5.563	0.20	2.5	5.86	-11.9	80	120	0	0					S
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Sample ID	057941-002ADUP	SampType:	DUP	TestCode:	7420_TC	Units:	mg/L	Prep Date:	7/25/2002	Run ID:	AA2_020726C			
Client ID:	N106-S	Batch ID:	9852	TestNo:	EPA 1311/ 74 (EPA 3010A)			Analysis Date:	7/26/2002	SeqNo:	306798			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	6.357	0.20	0	0	0	0	0	0	4.118	42.8	30			R
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Sample ID	057942-017ADUP	SampType:	DUP	TestCode:	7420_TC	Units:	mg/L	Prep Date:	7/25/2002	Run ID:	AA2_020726D			
Client ID:	ZZZZZ	Batch ID:	9853	TestNo:	EPA 1311/ 74 (EPA 3010A)			Analysis Date:	7/26/2002	SeqNo:	306807			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	6.433	0.20	0	0	0	0	0	0	5.86	9.31	30			
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**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



Advanced Technology Laboratories

Date: 29-Jul-02

CLIENT: Geocon Environmental
Work Order: 057941
Project: Rte 5-NB, 9100-06-49

ANALYTICAL QC SUMMARY REPORT

TestCode: 7420\_DI

Table with 13 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, Analysis Date, SeqNo, Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual. Row 1: MB-9781, MBLK, 7420\_DI, mg/L, 7/28/2002, AA2\_020728L, ZZZZZ, 9781, WET DI/ EPA (WET), 7/28/2002, 308554, Lead, 0.08497, 0.20

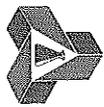
Table with 13 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, Analysis Date, SeqNo, Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual. Row 1: MB-9781A, MBLK, 7420\_DI, mg/L, 7/23/2002, AA2\_020728L, ZZZZZ, 9781, WET DI/ EPA (WET), 7/28/2002, 308555, Lead, ND, 0.20

Table with 13 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, Analysis Date, SeqNo, Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual. Row 1: MB-9781B, MBLK, 7420\_DI, mg/L, 7/23/2002, AA2\_020728L, ZZZZZ, 9781, WET DI/ EPA (WET), 7/28/2002, 308568, Lead, ND, 0.20

Table with 13 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, Analysis Date, SeqNo, Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual. Row 1: LCS-9781, LCS, 7420\_DI, mg/L, 7/28/2002, AA2\_020728L, ZZZZZ, 9781, WET DI/ EPA (WET), 7/28/2002, 308582, Lead, 7.49, 0.20, 7.5, 0, 99.9, 80, 120, 0, 0

Table with 13 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, Analysis Date, SeqNo, Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual. Row 1: 057941-011AMS, MS, 7420\_DI, mg/L, 7/28/2002, AA2\_020728L, N108-0.3, 9781, WET DI/ EPA (WET), 7/28/2002, 308567, Lead, 6.296, 0.20, 5, 1.277, 100, 80, 120, 0, 0

Qualifiers: ND - Not Detected at the Reporting Limit, J - Analyte detected below quantitation limits, R - RPD outside accepted recovery limits, S - Spike Recovery outside accepted recovery limits, B - Analyte detected in the associated Method Blank, Calculations are based on raw values, DO - Surrogate dilute out, H - Sample exceeded holding time



CLIENT: Geocon Environmental  
Work Order: 057941  
Project: Rte 5-NB, 9100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 7420\_DI

Sample ID	057942-013AMS	SampType:	MS	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/28/2002	Run ID:	AA2_020728L		
Client ID:	ZZZZZ	Batch ID:	9781	TestNo:	WET DI/ EPA (WET)			Analysis Date:	7/28/2002	SeqNo:	308580		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead		5.719		0.20	5	0.5237	104	80	120	0	0		

Sample ID	057941-011ADUP	SampType:	DUP	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020728L		
Client ID:	N108-0.3	Batch ID:	9781	TestNo:	WET DI/ EPA (WET)			Analysis Date:	7/28/2002	SeqNo:	308566		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead		1.094		0.20	0	0	0	0	0	1.277	15.4	30	

Sample ID	057942-013ADUP	SampType:	DUP	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020728L		
Client ID:	ZZZZZ	Batch ID:	9781	TestNo:	WET DI/ EPA (WET)			Analysis Date:	7/28/2002	SeqNo:	308579		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead		0.6276		0.20	0	0	0	0	0	0.5237	18.0	30	

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      **Calculations are based on raw values**

REVISIONS  
BY \_\_\_\_\_ DATE \_\_\_\_\_  
BY \_\_\_\_\_ DATE \_\_\_\_\_

BY \_\_\_\_\_ DATE \_\_\_\_\_  
CHECKED BY \_\_\_\_\_

All samples → total lead (6010)

total lead > 50 mg/kg → WET-Citric

WET-CITRIC > 5 mg/L → WET-DI

Total lead > 1,000 mg/kg → TCLP

10% → Soil pH (9045)

Please call when all totals have been run. I will instruct what samples should be run for Title 22 metals.

Thanks - Chris King

**Diane**

---

**From:** Chris King [king@geoconinc.com]

**Sent:** Monday, July 22, 2002 10:57 AM

**To:** 'Diane'

**Subject:** 09100-06-49

Diane - please run the 15 samples with the highest total lead content for Title 22 metals. Please do this for each direction (northbound and southbound), so the total number of tests will be 30. Thank you and please call me if you have any questions.

Christopher S. King  
Senior Staff Engineer  
Geocon Consultants, Inc.

7/22/2002

August 14, 2002

SEP 04 2002

Chris King  
Geocon Environmental  
6970 Flanders Drive  
San Diego, CA 92121  
TEL: (858) 558-6100  
FAX: (858) 558-8437

RE: Rte 5-NB, 9100-06-49  
Attention: Chris King

ELAP No.: 1838  
NELAP No.: 02107CA  
Workorder No.: 057892

Enclosed are the results for sample(s) received on July 11, 2002 by Advanced Technology Laboratories and tested for the parameters indicated in the enclosed chain of custody.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (562)989-4045 if I can be of further assistance to your company.

Sincerely,



Eddie F. Rodriguez  
Laboratory Director

This cover letter is an integral part of this analytical report.



# Advanced Technology Laboratories

Date: 14-Aug-02

**CLIENT:** Geocon Environmental  
**Lab Order:** 057892  
**Project:** Rte 5-NB, 9100-06-49  
**Lab ID:** 057892-060A

**Client Sample ID:** N56-S  
**Collection Date:** 7/11/2002  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
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**LEAD BY ICP**

(EPA 3050M)

EPA 6010B

RunID: ICP2\_020814E

QC Batch: 10251

Analyst: RQ

Lead	1100	5.0		mg/Kg	1	8/14/2002
Lead	720	5.0		mg/Kg	1	7/16/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified

Page 1 of 1





Advanced Technology Laboratories

Date: 14-Aug-02

CLIENT: Geocon Environmental
Work Order: 057892
Project: Rte 5-NB, 9100-06-49

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010\_SPB

Table with 12 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, (EPA 3050M), Analysis Date, SeqNo, Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual

Table with 12 columns: Lead, 0.55, 5.0

Table with 12 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, (EPA 3050M), Analysis Date, SeqNo, Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual

Table with 12 columns: Lead, 0.307, 5.0

Table with 12 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, (EPA 3050M), Analysis Date, SeqNo, Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual

Table with 12 columns: Lead, 0.715, 5.0

Table with 12 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, (EPA 3050M), Analysis Date, SeqNo, Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual

Table with 12 columns: Lead, 0.254, 5.0

Table with 12 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, (EPA 3050M), Analysis Date, SeqNo, Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual

Table with 12 columns: Lead, 1.94, 5.0

Qualifiers: ND - Not Detected at the Reporting Limit, S - Spike Recovery outside accepted recovery limits, DO- Surrogate dilute out, J - Analyte detected below quantitation limits, B - Analyte detected in the associated Method Blank, H - Sample exceeded holding time, R - RPD outside accepted recovery limits, Calculations are based on raw values



CLIENT: Geocon Environmental  
Work Order: 057892  
Project: Rte 5-NB, 9100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 6010\_SPB

Sample ID	MB-9548B	SampType:	MBLK	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/13/2002	Run ID:	ICP5_020715L		
Client ID:	ZZZZZ	Batch ID:	9548	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/16/2002	SeqNo:	299737		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead ND 5.0

Sample ID	MB-9549A	SampType:	MBLK	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/13/2002	Run ID:	ICP5_020715M		
Client ID:	ZZZZZ	Batch ID:	9549	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/16/2002	SeqNo:	299763		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead ND 5.0

Sample ID	MB-9549B	SampType:	MBLK	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/13/2002	Run ID:	ICP5_020715M		
Client ID:	ZZZZZ	Batch ID:	9549	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/16/2002	SeqNo:	299764		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 0.309 5.0

Sample ID	MB-10251	SampType:	MBLK	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	8/13/2002	Run ID:	ICP2_020814E		
Client ID:	ZZZZZ	Batch ID:	10251	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	8/14/2002	SeqNo:	318640		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead ND 5.0

Sample ID	LCS-9546	SampType:	LCS	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/13/2002	Run ID:	ICP5_020715J		
Client ID:	ZZZZZ	Batch ID:	9546	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/15/2002	SeqNo:	299631		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 216.5 5.0 250 0 86.6 80 120 0 0

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



CLIENT: Geocon Environmental  
Work Order: 057892  
Project: Rte 5-NB, 9100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 6010\_SPB

Sample ID	LCS-9547	SampType:	LCS	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/13/2002	Run ID:	ICP5_020715K		
Client ID:	ZZZZZ	Batch ID:	9547	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/15/2002	SeqNo:	299706		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead		219.7		5.0	250	0	87.9	80	120	0	0		
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Sample ID	LCS-9548	SampType:	LCS	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/13/2002	Run ID:	ICP5_020715L		
Client ID:	ZZZZZ	Batch ID:	9548	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/15/2002	SeqNo:	299722		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead		225.2		5.0	250	0	90.1	80	120	0	0		
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Sample ID	LCS-9549	SampType:	LCS	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/13/2002	Run ID:	ICP5_020715M		
Client ID:	ZZZZZ	Batch ID:	9549	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/16/2002	SeqNo:	299762		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead		208.4		5.0	250	0	83.4	80	120	0	0		
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Sample ID	LCS-10251	SampType:	LCS	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	8/13/2002	Run ID:	ICP2_020814E		
Client ID:	ZZZZZ	Batch ID:	10251	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	8/14/2002	SeqNo:	318641		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead		246		5.0	250	0	98.4	80	120	0	0		
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Sample ID	057892-010AMS	SampType:	MS	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/13/2002	Run ID:	ICP5_020715J		
Client ID:	N40-0.9	Batch ID:	9546	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/15/2002	SeqNo:	299617		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead		149.7		5.0	250	3.895	58.3	47	128	0	0		
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Qualifiers: ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



CLIENT: Geocon Environmental  
Work Order: 057892  
Project: Rte 5-NB, 9100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 6010\_SPB

Sample ID	057892-020AMS	SampType:	MS	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/13/2002	Run ID:	ICP5_020715J		
Client ID:	N43-0.9	Batch ID:	9546	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/15/2002	SeqNo:	299629		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead		170.7		5.0	250	9.424	64.5	47	128	0	0		
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Sample ID	057892-030AMS	SampType:	MS	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/13/2002	Run ID:	ICP5_020715K		
Client ID:	N47-0.6	Batch ID:	9547	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/15/2002	SeqNo:	299692		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead		248.1		5.0	250	73.9	69.7	47	128	0	0		
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Sample ID	057892-040AMS	SampType:	MS	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/13/2002	Run ID:	ICP5_020715K		
Client ID:	N50-0.3	Batch ID:	9547	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/15/2002	SeqNo:	299704		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead		483.3		5.0	250	451.7	12.7	47	128	0	0		S
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Sample ID	057892-050AMS	SampType:	MS	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/13/2002	Run ID:	ICP5_020715L		
Client ID:	N53-S	Batch ID:	9548	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/15/2002	SeqNo:	299721		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead		816		5.0	250	765.1	20.4	47	128	0	0		S
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Sample ID	057892-060AMS	SampType:	MS	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/13/2002	Run ID:	ICP5_020715L		
Client ID:	N56-S	Batch ID:	9548	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/16/2002	SeqNo:	299735		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead		1138		5.0	250	723	166	47	128	0	0		S
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**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



CLIENT: Geocon Environmental  
Work Order: 057892  
Project: Rte 5-NB, 9100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 6010\_SPB

Sample ID	057892-070AMS	SampType:	MS	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/13/2002	Run ID:	ICP5_020715M
Client ID:	N59-S	Batch ID:	9549	TestNo:	EPA 6010B		(EPA 3050M)	Analysis Date:	7/16/2002	SeqNo:	299749
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	1606	5.0	250	1576	11.7	47	128	0	0		S

Sample ID	057892-079AMS	SampType:	MS	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/13/2002	Run ID:	ICP5_020715M
Client ID:	N62-0.3	Batch ID:	9549	TestNo:	EPA 6010B		(EPA 3050M)	Analysis Date:	7/16/2002	SeqNo:	299760
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	460.1	5.0	250	341.9	47.3	47	128	0	0		

Sample ID	058066-007AMS	SampType:	MS	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	8/13/2002	Run ID:	ICP2_020814E
Client ID:	ZZZZZ	Batch ID:	10251	TestNo:	EPA 6010B		(EPA 3050M)	Analysis Date:	8/14/2002	SeqNo:	318650
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	262.5	5.0	250	379	-46.6	47	128	0	0		S

Sample ID	057892-010ADUP	SampType:	DUP	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/13/2002	Run ID:	ICP5_020715J
Client ID:	N40-0.9	Batch ID:	9546	TestNo:	EPA 6010B		(EPA 3050M)	Analysis Date:	7/15/2002	SeqNo:	299616
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	3.06	5.0	0	0	0	0	0	3.895	0	30	J

Sample ID	057892-020ADUP	SampType:	DUP	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/13/2002	Run ID:	ICP5_020715J
Client ID:	N43-0.9	Batch ID:	9546	TestNo:	EPA 6010B		(EPA 3050M)	Analysis Date:	7/15/2002	SeqNo:	299628
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	7.172	5.0	0	0	0	0	0	9.424	27.1	30	

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      **Calculations are based on raw values**



**CLIENT:** Geocon Environmental  
**Work Order:** 057892  
**Project:** Rte 5-NB, 9100-06-49

### ANALYTICAL QC SUMMARY REPORT

**TestCode: 6010\_SPB**

Sample ID <b>057892-030ADUP</b>	SampType: <b>DUP</b>	TestCode: <b>6010_SPB</b>	Units: <b>mg/Kg</b>	Prep Date: <b>7/13/2002</b>	Run ID: <b>ICP5_020715K</b>						
Client ID: <b>N47-0.6</b>	Batch ID: <b>9547</b>	TestNo: <b>EPA 6010B</b>	(EPA 3050M)	Analysis Date: <b>7/15/2002</b>	SeqNo: <b>299691</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	55.98	5.0	0	0	0	0	0	73.9	27.6	30	

Sample ID <b>057892-040ADUP</b>	SampType: <b>DUP</b>	TestCode: <b>6010_SPB</b>	Units: <b>mg/Kg</b>	Prep Date: <b>7/13/2002</b>	Run ID: <b>ICP5_020715K</b>						
Client ID: <b>N50-0.3</b>	Batch ID: <b>9547</b>	TestNo: <b>EPA 6010B</b>	(EPA 3050M)	Analysis Date: <b>7/15/2002</b>	SeqNo: <b>299703</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	361.7	5.0	0	0	0	0	0	451.7	22.1	30	

Sample ID <b>057892-050ADUP</b>	SampType: <b>DUP</b>	TestCode: <b>6010_SPB</b>	Units: <b>mg/Kg</b>	Prep Date: <b>7/13/2002</b>	Run ID: <b>ICP5_020715L</b>						
Client ID: <b>N53-S</b>	Batch ID: <b>9548</b>	TestNo: <b>EPA 6010B</b>	(EPA 3050M)	Analysis Date: <b>7/15/2002</b>	SeqNo: <b>299720</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	563.1	5.0	0	0	0	0	0	765.1	30.4	30	R

Sample ID <b>057892-060ADUP</b>	SampType: <b>DUP</b>	TestCode: <b>6010_SPB</b>	Units: <b>mg/Kg</b>	Prep Date: <b>7/13/2002</b>	Run ID: <b>ICP5_020715L</b>						
Client ID: <b>N56-S</b>	Batch ID: <b>9548</b>	TestNo: <b>EPA 6010B</b>	(EPA 3050M)	Analysis Date: <b>7/16/2002</b>	SeqNo: <b>299734</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	867.6	5.0	0	0	0	0	0	723	18.2	30	

Sample ID <b>057892-070ADUP</b>	SampType: <b>DUP</b>	TestCode: <b>6010_SPB</b>	Units: <b>mg/Kg</b>	Prep Date: <b>7/13/2002</b>	Run ID: <b>ICP5_020715M</b>						
Client ID: <b>N59-S</b>	Batch ID: <b>9549</b>	TestNo: <b>EPA 6010B</b>	(EPA 3050M)	Analysis Date: <b>7/16/2002</b>	SeqNo: <b>299748</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	1721	5.0	0	0	0	0	0	1576	8.79	30	

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



CLIENT: Geocon Environmental  
Work Order: 057892  
Project: Rte 5-NB, 9100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 6010\_SPB

Sample ID	057892-079ADUP	SampType: DUP	TestCode: 6010_SPB	Units: mg/Kg	Prep Date: 7/13/2002	Run ID: ICP5_020715M					
Client ID:	N62-0.3	Batch ID: 9549	TestNo: EPA 6010B	(EPA 3050M)	Analysis Date: 7/16/2002	SeqNo: 299759					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	291.8	5.0	0	0	0	0	0	341.9	15.8	30	

Sample ID	058066-007ADUP	SampType: DUP	TestCode: 6010_SPB	Units: mg/Kg	Prep Date: 8/13/2002	Run ID: ICP2_020814E					
Client ID:	ZZZZZ	Batch ID: 10251	TestNo: EPA 6010B	(EPA 3050M)	Analysis Date: 8/14/2002	SeqNo: 318649					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	55.5	5.0	0	0	0	0	0	379	149	30	R

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values

**Diane**

---

**From:** Chris King [king@geoconinc.com]

**Sent:** Monday, August 05, 2002 4:34 PM

**To:** 'Diane'

Could you please rerun samples 057871-42A (N29-0.3) and 057892-060A (N56-S) for total lead as soon as possible. Thank you.

Christopher S. King  
Senior Staff Engineer  
Geocon Consultants, Inc.

8/5/2002

August 27, 2002

SEP 04 2002

Chris King

Geocon Environmental  
6970 Flanders Drive  
San Diego, CA 92121  
TEL: (858) 558-6100  
FAX: (858) 558-8437

RE: Rte 5-NB, 9100-06-49

Attention: Chris King

ELAP No.: 1838

NELAP No.: 02107CA

Workorder No.: 057892

Enclosed are the results for sample(s) received on July 11, 2002 by Advanced Technology Laboratories and tested for the parameters indicated in the enclosed chain of custody.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (562)989-4045 if I can be of further assistance to your company.

Sincerely,



Eddie F. Rodriguez  
Laboratory Director

This cover letter is an integral part of this analytical report.



# Advanced Technology Laboratories

Date: 27-Aug-02

CLIENT: Geocon Environmental  
 Lab Order: 057892  
 Project: Rte 5-NB, 9100-06-49  
 Lab ID: 057892-003A

Client Sample ID: N38-0.6  
 Collection Date: 7/11/2002  
 Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
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## ICP METALS

(EPA 3050A)

EPA 6010B

Analyst: RQ

RunID:	QC Batch:	10418				
ICP2_020819B						
Antimony	3.5	0.25		mg/Kg	1	8/19/2002
Arsenic	9.1	0.25		mg/Kg	1	8/19/2002
Barium	240	0.15		mg/Kg	1	8/19/2002
Beryllium	ND	0.15		mg/Kg	1	8/19/2002
Cadmium	2.9	0.15		mg/Kg	1	8/19/2002
Chromium	33	0.15		mg/Kg	1	8/19/2002
Cobalt	6.3	0.15		mg/Kg	1	8/19/2002
Copper	150	0.15		mg/Kg	10	8/19/2002
Lead	2200	2.5		mg/Kg	1	8/19/2002
Molybdenum	5.4	0.25		mg/Kg	1	8/19/2002
Nickel	25	0.15		mg/Kg	1	8/19/2002
Selenium	ND	0.25		mg/Kg	1	8/19/2002
Silver	0.47	0.15		mg/Kg	1	8/19/2002
Thallium	ND	0.25		mg/Kg	1	8/19/2002
Vanadium	23	0.15		mg/Kg	10	8/19/2002
Zinc	850	5.0		mg/Kg		

## MERCURY BY COLD VAPOR TECHNIQUE (EPA 7471)

EPA 7471A

Analyst: NS

RunID:	QC Batch:	9919				
AA1_020729A						
Mercury	ND	1.0		mg/Kg	10	7/29/2002

- Qualifiers:**
- ND - Not Detected at the Reporting Limit
  - J - Analyte detected below quantitation limits
  - B - Analyte detected in the associated Method Blank
  - DO - Surrogate Diluted Out
  - S - Spike/Surrogate outside of limits due to matrix interfere
  - H - Sample exceeded analytical holding time
  - E - Value above quantitation range
- Results are wet unless otherwise specified

Advanced Technology Laboratories

**ANALYTICAL QC SUMMARY REPORT**

**CLIENT:** Geocon Environmental  
**Work Order:** 057892  
**Project:** Rte 5-NB, 9100-06-49

**TestCode:** 6010\_S

Sample ID	MB-9916	SampType:	MBLK	TestCode:	6010_S	Units:	mg/Kg	Prep Date:	7/28/2002	Run ID:	ICP2_020729C
Client ID:	ZZZZZ	Batch ID:	9916	TestNo:	EPA 6010B	(EPA 3050A)		Analysis Date:	7/29/2002	SeqNo:	309033
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	ND	0.25									
Arsenic	ND	0.25									
Barium	ND	0.15									
Beryllium	ND	0.15									
Cadmium	0.015	0.15									
Chromium	ND	0.15									
Cobalt	0.042	0.15									
Copper	ND	0.15									
Lead	ND	0.25									
Molybdenum	0.1325	0.25									
Nickel	ND	0.15									
Selenium	0.1355	0.25									
Silver	0.0465	0.15									
Thallium	ND	0.25									
Vanadium	ND	0.15									
Zinc	0.5	0.50									

Sample ID	MB-9917	SampType:	MBLK	TestCode:	6010_S	Units:	mg/Kg	Prep Date:	7/28/2002	Run ID:	ICP2_020729D
Client ID:	ZZZZZ	Batch ID:	9917	TestNo:	EPA 6010B	(EPA 3050A)		Analysis Date:	7/29/2002	SeqNo:	309112
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	0.078	0.25									
Arsenic	0.0295	0.25									
Barium	ND	0.15									
Beryllium	ND	0.15									
Cadmium	0.0065	0.15									
Chromium	ND	0.15									
Cobalt	0.017	0.15									
Copper	ND	0.15									

**Qualifiers:**  
 ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 R - RPD outside accepted recovery limits

S - Spike Recovery outside accepted recovery limits  
 B - Analyte detected in the associated Method Blank  
 Calculations are based on raw values

DO - Surrogate dilute out  
 H - Sample exceeded holding time

Advanced Technology Laboratories  
 3275 Walnut Avenue  
 Signal Hill, CA 90807  
 Tel: 562 989-4045  
 Fax: 562 989-4040

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 3275 Walnut Avenue  
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 Tel: 562 989-4045  
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## ANALYTICAL QC SUMMARY REPORT

**CLIENT:** Geocon Environmental  
**Work Order:** 057892  
**Project:** Rte 5-NB, 9100-06-49

**TestCode:** 6010\_S

Sample ID <b>MB-9917</b>	SampType: <b>MBLK</b>	TestCode: <b>6010_S</b>	Units: <b>mg/Kg</b>	Prep Date: <b>7/28/2002</b>	Run ID: <b>ICP2_020729D</b>						
Client ID: <b>ZZZZZ</b>	Batch ID: <b>9917</b>	TestNo: <b>EPA 6010B</b>	(EPA 3050A)	Analysis Date: <b>7/29/2002</b>	SeqNo: <b>309112</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	0.154	0.25									
Molybdenum	0.013	0.25									
Nickel	ND	0.15									
Selenium	ND	0.25									
Silver	0.059	0.15									
Thallium	ND	0.25									
Vanadium	ND	0.15									
Zinc	0.183	0.50									

Sample ID <b>MB-10418</b>	SampType: <b>MBLK</b>	TestCode: <b>6010_S</b>	Units: <b>mg/Kg</b>	Prep Date: <b>8/16/2002</b>	Run ID: <b>ICP2_020819B</b>						
Client ID: <b>ZZZZZ</b>	Batch ID: <b>10418</b>	TestNo: <b>EPA 6010B</b>	(EPA 3050A)	Analysis Date: <b>8/19/2002</b>	SeqNo: <b>320185</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Antimony	ND	0.25									
Arsenic	ND	0.25									
Barium	ND	0.15									
Beryllium	ND	0.15									
Cadmium	ND	0.15									
Chromium	0.0145	0.15									
Cobalt	0.004	0.15									
Copper	ND	0.15									
Lead	ND	0.25									
Molybdenum	ND	0.25									
Nickel	ND	0.15									
Selenium	ND	0.25									
Silver	0.0205	0.15									
Thallium	0.199	0.25									
Vanadium	ND	0.15									
Zinc	ND	0.50									

**Qualifiers:** ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 R - RPD outside accepted recovery limits  
 S - Spike Recovery outside accepted recovery limits  
 B - Analyte detected in the associated Method Blank  
 Calculations are based on raw values  
 DO - Surrogate dilute out  
 H - Sample exceeded holding time

# ANALYTICAL QC SUMMARY REPORT

**CLIENT:** Geocon Environmental  
**Work Order:** 057892  
**Project:** Rte 5-NB, 9100-06-49

**TestCode:** 6010\_S

Sample ID <b>LCS-9916</b>		SampType: <b>LCS</b>		TestCode: <b>6010_S</b>		Units: <b>mg/Kg</b>		Prep Date: <b>7/28/2002</b>		Run ID: <b>ICP2_020729C</b>	
Client ID: <b>ZZZZZ</b>		Batch ID: <b>9916</b>		TestNo: <b>EPA 6010B</b>		(EPA 3050A)		Analysis Date: <b>7/29/2002</b>		SeqNo: <b>309034</b>	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	45	0.25	50	0	90	80	120	0	0	0	
Arsenic	46.5	0.25	50	0	93	80	120	0	0	0	
Barium	46.5	0.15	50	0	92	80	120	0	0	0	
Beryllium	46	0.15	50	0	87	80	120	0	0	0	
Cadmium	43.5	0.15	50	0	91	80	120	0	0	0	
Chromium	45.5	0.15	50	0	87	80	120	0	0	0	
Cobalt	43.5	0.15	50	0	91	80	120	0	0	0	
Copper	45.5	0.15	50	0	88	80	120	0	0	0	
Lead	44	0.25	50	0	92	80	120	0	0	0	
Molybdenum	46	0.25	50	0	85	80	120	0	0	0	
Nickel	42.5	0.15	50	0	88	80	120	0	0	0	
Selenium	44	0.25	50	0	90	80	120	0	0	0	
Silver	45	0.15	50	0	90	80	120	0	0	0	
Thallium	45	0.25	50	0	93	80	120	0	0	0	
Vanadium	46.5	0.15	50	0	90	80	120	0	0	0	
Zinc	45	0.50	50	0	90	80	120	0	0	0	

Sample ID <b>LCS-9917</b>		SampType: <b>LCS</b>		TestCode: <b>6010_S</b>		Units: <b>mg/Kg</b>		Prep Date: <b>7/28/2002</b>		Run ID: <b>ICP2_020729D</b>	
Client ID: <b>ZZZZZ</b>		Batch ID: <b>9917</b>		TestNo: <b>EPA 6010B</b>		(EPA 3050A)		Analysis Date: <b>7/29/2002</b>		SeqNo: <b>309098</b>	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	52	0.25	50	0	104	80	120	0	0	0	
Arsenic	53.5	0.25	50	0	107	80	120	0	0	0	
Barium	53	0.15	50	0	106	80	120	0	0	0	
Beryllium	51.5	0.15	50	0	103	80	120	0	0	0	
Cadmium	49	0.15	50	0	98	80	120	0	0	0	
Chromium	51	0.15	50	0	102	80	120	0	0	0	
Cobalt	49.5	0.15	50	0	99	80	120	0	0	0	
Copper	51	0.15	50	0	102	80	120	0	0	0	
Lead	51	0.25	50	0	102	80	120	0	0	0	

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      **Calculations are based on raw values**

# ANALYTICAL QC SUMMARY REPORT

**CLIENT:** Geocon Environmental  
**Work Order:** 057892  
**Project:** Rte 5-NB, 9100-06-49

**TestCode:** 6010\_S

Sample ID: <b>LCS-9917</b>	SampType: <b>LCS</b>	TestCode: <b>6010_S</b>	Units: <b>mg/Kg</b>	Prep Date: <b>7/28/2002</b>	Run ID: <b>ICP2_020729D</b>						
Client ID: <b>ZZZZZ</b>	Batch ID: <b>9917</b>	TestNo: <b>EPA 6010B</b>	(EPA 3050A)	Analysis Date: <b>7/29/2002</b>	SeqNo: <b>309098</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Molybdenum	52	0.25	50	0	104	80	120	0	0	0	
Nickel	48.5	0.15	50	0	97	80	120	0	0	0	
Selenium	50	0.25	50	0	100	80	120	0	0	0	
Silver	52	0.15	50	0	104	80	120	0	0	0	
Thallium	51.5	0.25	50	0	103	80	120	0	0	0	
Vanadium	53	0.15	50	0	106	80	120	0	0	0	
Zinc	50	0.50	50	0	100	80	120	0	0	0	

Sample ID: <b>LCS-10418</b>	SampType: <b>LCS</b>	TestCode: <b>6010_S</b>	Units: <b>mg/Kg</b>	Prep Date: <b>8/16/2002</b>	Run ID: <b>ICP2_020819B</b>						
Client ID: <b>ZZZZZ</b>	Batch ID: <b>10418</b>	TestNo: <b>EPA 6010B</b>	(EPA 3050A)	Analysis Date: <b>8/19/2002</b>	SeqNo: <b>320186</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Antimony	52.85	0.25	50	0	106	80	120	0	0	0	
Arsenic	52.95	0.25	50	0	106	80	120	0	0	0	
Barium	51.35	0.15	50	0	103	80	120	0	0	0	
Beryllium	52.15	0.15	50	0	104	80	120	0	0	0	
Cadmium	50.95	0.15	50	0	102	80	120	0	0	0	
Chromium	50.45	0.15	50	0	101	80	120	0	0	0	
Cobalt	51.2	0.15	50	0	102	80	120	0	0	0	
Copper	51.45	0.15	50	0	103	80	120	0	0	0	
Lead	52.3	0.25	50	0	105	80	120	0	0	0	
Molybdenum	51.55	0.25	50	0	103	80	120	0	0	0	
Nickel	51.3	0.15	50	0	103	80	120	0	0	0	
Selenium	54.25	0.25	50	0	108	80	120	0	0	0	
Silver	51.9	0.15	50	0	104	80	120	0	0	0	
Thallium	54.35	0.25	50	0	109	80	120	0	0	0	
Vanadium	50.8	0.15	50	0	102	80	120	0	0	0	
Zinc	52.55	0.50	50	0	105	80	120	0	0	0	

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 R - RPD outside accepted recovery limits      Calculations are based on raw values

# ANALYTICAL QC SUMMARY REPORT

**CLIENT:** Geocon Environmental  
**Work Order:** 057892  
**Project:** Rte 5-NB, 9100-06-49

**TestCode:** 6010\_S

Sample ID	SampType	TestCode	Units	Prep Date	Run ID						
057892-024AMS	MS	6010_S	mg/Kg	7/28/2002	ICP2_020729C						
Client ID: N45-S	Batch ID: 9916	TestNo: EPA 6010B (EPA 3050A)		Analysis Date: 7/29/2002	SeqNo: 309048						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	95	0.25	125	2.5	74	32	115	0	0		
Arsenic	127	0.25	125	8.5	94.8	59	111	0	0		
Barium	307	0.15	125	186	96.8	34	151	0	0		
Beryllium	118	0.15	125	0	94.4	56	112	0	0		
Cadmium	111	0.15	125	0	88.8	52	120	0	0		
Chromium	141	0.15	125	24	93.6	56	118	0	0		
Cobalt	118.5	0.15	125	6	90	58	117	0	0		
Copper	201.5	0.15	125	73.5	102	58	134	0	0		S
Lead	2036	0.25	125	2315	-223	47	128	0	0		
Molybdenum	119	0.25	125	5.5	90.8	56	115	0	0		
Nickel	132	0.15	125	18	91.2	52	120	0	0		
Nickel	115	0.25	125	0	92	46	108	0	0		
Selenium	115	0.25	125	0	92	46	108	0	0		
Selenium	121.5	0.15	125	0.1235	97.1	74	117	0	0		
Silver	115	0.25	125	0.5	91.6	62	117	0	0		
Thallium	148	0.15	125	23.5	99.6	55	122	0	0		
Vanadium	148	0.15	125	23.5	99.6	55	122	0	0		
Zinc	1242	0.50	125	438	644	43	134	0	0		S

Sample ID	SampType	TestCode	Units	Prep Date	Run ID						
057936-019AMS	MS	6010_S	mg/Kg	7/28/2002	ICP2_020729D						
Client ID: ZZZZZ	Batch ID: 9917	TestNo: EPA 6010B (EPA 3050A)		Analysis Date: 7/29/2002	SeqNo: 309110						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	100	0.25	125	2.5	78	32	115	0	0		
Arsenic	126.5	0.25	125	13	90.8	59	111	0	0		
Barium	288	0.15	125	210	62.4	34	151	0	0		
Beryllium	113.5	0.15	125	0	90.8	56	112	0	0		
Cadmium	106.5	0.15	125	0	85.2	52	120	0	0		
Chromium	138.5	0.15	125	28	88.4	56	118	0	0		
Chromium	115.5	0.15	125	7.5	86.4	58	117	0	0		
Cobalt	193.5	0.15	125	71.5	97.6	58	134	0	0		
Copper	116	0.25	125	3.5	90	56	115	0	0		
Molybdenum	116	0.25	125	3.5	90	56	115	0	0		

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 S - Spike Recovery outside accepted recovery limits  
 B - Analyte detected in the associated Method Blank  
 Calculations are based on raw values  
 DO- Surrogate dilute out  
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# ANALYTICAL QC SUMMARY REPORT

**CLIENT:** Geocon Environmental  
**Work Order:** 057892  
**Project:** Rte 5-NB, 9100-06-49

**TestCode:** 6010\_S

Sample ID 057936-019AMS		SampType: MS	TestCode: 6010_S		Units: mg/Kg	Prep Date: 7/28/2002			Run ID: ICP2_020729D		
Client ID: ZZZZZ		Batch ID: 9917	TestNo: EPA 6010B		(EPA 3050A)	Analysis Date: 7/29/2002			SeqNo: 309110		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Nickel	129	0.15	125	27.5	81.2	52	120	0	0		
Selenium	113	0.25	125	0	90.4	46	108	0	0		
Silver	119	0.15	125	0.1365	95.1	74	117	0	0		
Thallium	111.5	0.25	125	1	88.4	62	117	0	0		
Vanadium	148.5	0.15	125	29	95.6	55	122	0	0		S
Zinc	471.5	0.50	125	594.5	-98.4	43	134	0	0		

Sample ID 057936-019AMS		SampType: MS	TestCode: 6010_S		Units: mg/Kg	Prep Date: 7/28/2002			Run ID: ICP2_020729D		
Client ID: ZZZZZ		Batch ID: 9917	TestNo: EPA 6010B		(EPA 3050A)	Analysis Date: 7/29/2002			SeqNo: 309118		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	3055	2.5	125	3800	-596	47	128	0	0		S

Sample ID 057892-003AMS		SampType: MS	TestCode: 6010_S		Units: mg/Kg	Prep Date: 8/16/2002			Run ID: ICP2_020819B		
Client ID: N38-0.6		Batch ID: 10418	TestNo: EPA 6010B		(EPA 3050A)	Analysis Date: 8/19/2002			SeqNo: 320189		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	95	0.25	125	3.515	73.2	32	115	0	0		
Arsenic	117.5	0.25	125	9.13	86.7	59	111	0	0		
Barium	415.5	0.15	125	235.6	144	34	151	0	0		
Beryllium	106	0.15	125	0	84.8	56	112	0	0		
Cadmium	105.5	0.15	125	2.92	82.1	52	120	0	0		
Chromium	154	0.15	125	32.91	96.9	56	118	0	0		
Cobalt	119.5	0.15	125	6.32	90.5	58	117	0	0		
Copper	259	0.15	125	147.2	89.4	58	134	0	0		S
Lead	1914	0.25	125	1964	-40.4	47	128	0	0		
Molybdenum	120	0.25	125	5.41	91.7	56	115	0	0		
Nickel	144.5	0.15	125	25.02	95.6	52	120	0	0		
Selenium	103.5	0.25	125	0	82.8	46	108	0	0		
Silver	27	0.15	125	0.47	21.2	74	117	0	0		S

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
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 R - RPD outside accepted recovery limits      Calculations are based on raw values

# ANALYTICAL QC SUMMARY REPORT

**CLIENT:** Geocon Environmental  
**Work Order:** 057892  
**Project:** Rte 5-NB, 9100-06-49

**TestCode:** 6010\_S

Sample ID 057892-003AMS		SampType: MS	TestCode: 6010_S		Units: mg/Kg	Prep Date: 8/16/2002		Run ID: ICP2_020819B			
Client ID: N38-0.6		Batch ID: 10418	TestNo: EPA 6010B		(EPA 3050A)	Analysis Date: 8/19/2002		SeqNo: 320189			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Thallium	111.5	0.25	125	0	89.2	62	117	0	0		
Vanadium	142	0.15	125	23.04	95.2	55	122	0	0		S
Zinc	685	0.50	125	637.5	38	43	134	0	0		

Sample ID 057892-024AMSD		SampType: MSD	TestCode: 6010_S		Units: mg/Kg	Prep Date: 7/28/2002		Run ID: ICP2_020729C			
Client ID: N45-S		Batch ID: 9916	TestNo: EPA 6010B		(EPA 3050A)	Analysis Date: 7/29/2002		SeqNo: 309049			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	99	0.25	125	2.5	77.2	32	115	95	4.12	20	
Arsenic	129.5	0.25	125	8.5	96.8	59	111	127	1.95	20	
Barium	340	0.15	125	186	123	34	151	307	10.2	20	
Beryllium	120	0.15	125	0	96	56	112	118	1.68	20	
Cadmium	112.5	0.15	125	0	90	52	120	111	1.34	20	
Chromium	144.5	0.15	125	24	96.4	56	118	141	2.45	20	
Cobalt	121	0.15	125	6	92	58	117	118.5	2.09	20	
Copper	216.5	0.15	125	73.5	114	58	134	201.5	7.18	20	
Lead	2292	0.25	125	2315	-18.8	47	128	2036	11.8	20	S
Molybdenum	122.5	0.25	125	5.5	93.6	56	115	119	2.90	20	
Nickel	136.5	0.15	125	18	94.8	52	120	132	3.35	20	
Selenium	117	0.25	125	0	93.6	46	108	115	1.72	20	
Silver	123	0.15	125	0.1235	98.3	74	117	121.5	1.23	20	
Thallium	117	0.25	125	0.5	93.2	62	117	115	1.72	20	
Vanadium	152	0.15	125	23.5	103	55	122	148	2.67	20	
Zinc	502.5	0.50	125	438	51.6	43	134	1242	84.8	20	R

Sample ID 057936-019AMSD		SampType: MSD	TestCode: 6010_S		Units: mg/Kg	Prep Date: 7/28/2002		Run ID: ICP2_020729D			
Client ID: ZZZZZ		Batch ID: 9917	TestNo: EPA 6010B		(EPA 3050A)	Analysis Date: 7/29/2002		SeqNo: 309111			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	107	0.25	125	2.5	83.6	32	115	100	6.76	20	

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 B - Analyte detected in the associated Method Blank  
 Calculations are based on raw values

DO- Surrogate dilute out  
 H - Sample exceeded holding time

# ANALYTICAL QC SUMMARY REPORT

**CLIENT:** Geocon Environmental  
**Work Order:** 057892  
**Project:** Rte 5-NB, 9100-06-49

**TestCode:** 6010\_S

Sample ID 057936-019AMSD		SampType: MSD		TestCode: 6010_S		Units: mg/Kg		Prep Date: 7/28/2002		Run ID: ICP2_020729D	
Client ID: ZZZZZ		Batch ID: 9917		TestNo: EPA 6010B		(EPA 3050A)		Analysis Date: 7/29/2002		SeqNo: 309111	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	127	0.25	125	13	91.2	59	111	126.5	0.394	20	
Barium	280.5	0.15	125	210	56.4	34	151	288	2.64	20	
Beryllium	116.5	0.15	125	0	93.2	56	112	113.5	2.61	20	
Cadmium	109.5	0.15	125	0	87.6	52	120	106.5	2.78	20	
Chromium	134.5	0.15	125	28	85.2	56	118	138.5	2.93	20	
Chromium	117	0.15	125	7.5	87.6	58	117	115.5	1.29	20	
Cobalt	195	0.15	125	71.5	98.8	58	134	193.5	0.772	20	
Copper	119.5	0.25	125	3.5	92.8	56	115	116	2.97	20	
Molybdenum	128.5	0.15	125	27.5	80.8	52	120	129	0.388	20	
Nickel	115.5	0.25	125	0	92.4	46	108	113	2.19	20	
Selenium	120.5	0.15	125	0.1365	96.3	74	117	119	1.25	20	
Silver	114.5	0.25	125	1	90.8	62	117	111.5	2.65	20	
Thallium	143.5	0.15	125	29	91.6	55	122	148.5	3.42	20	
Vanadium	464	0.50	125	594.5	-104	43	134	471.5	1.60	20	S
Zinc											

Sample ID 057936-019AMSD		SampType: MSD		TestCode: 6010_S		Units: mg/Kg		Prep Date: 7/28/2002		Run ID: ICP2_020729D	
Client ID: ZZZZZ		Batch ID: 9917		TestNo: EPA 6010B		(EPA 3050A)		Analysis Date: 7/29/2002		SeqNo: 309119	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	3270	2.5	125	3800	-424	47	128	3055	6.80	20	S

Sample ID 057892-003AMSD		SampType: MSD		TestCode: 6010_S		Units: mg/Kg		Prep Date: 8/16/2002		Run ID: ICP2_020819B	
Client ID: N38-0.6		Batch ID: 10418		TestNo: EPA 6010B		(EPA 3050A)		Analysis Date: 8/19/2002		SeqNo: 320190	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	96.5	0.25	125	3.515	74.4	32	115	95	1.57	20	
Arsenic	116.5	0.25	125	9.13	85.9	59	111	117.5	0.855	20	
Barium	356	0.15	125	235.6	96.3	34	151	415.5	15.4	20	
Beryllium	105.5	0.15	125	0	84.4	56	112	106	0.473	20	
Cadmium	105	0.15	125	2.92	81.7	52	120	105.5	0.475	20	

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# ANALYTICAL QC SUMMARY REPORT

**CLIENT:** Geocon Environmental  
**Work Order:** 057892  
**Project:** Rte 5-NB, 9100-06-49

**TestCode:** 6010\_S

Sample ID 057892-003AMSD		SampType: MSD		TestCode: 6010_S		Units: mg/Kg		Prep Date: 8/16/2002		Run ID: ICP2_020819B	
Client ID: N38-0.6		Batch ID: 10418		TestNo: EPA 6010B (EPA 3050A)				Analysis Date: 8/19/2002		SeqNo: 320190	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chromium	149.5	0.15	125	32.91	93.3	56	118	154	2.97	20	
Cobalt	119	0.15	125	6.32	90.1	58	117	119.5	0.419	20	
Copper	238	0.15	125	147.2	72.6	58	134	259	8.45	20	
Lead	2190	0.25	125	1964	180	47	128	1914	13.5	20	S
Molybdenum	118.5	0.25	125	5.41	90.5	56	115	120	1.26	20	
Nickel	138.5	0.15	125	25.02	90.8	52	120	144.5	4.24	20	
Selenium	103	0.25	125	0	82.4	46	108	103.5	0.484	20	
Silver	14	0.15	125	0.47	10.8	74	117	27	63.4	20	SR
Thallium	111.5	0.25	125	0	89.2	62	117	111.5	0	20	
Vanadium	143	0.15	125	23.04	96	55	122	142	0.702	20	
Zinc	641.5	0.50	125	637.5	3.2	43	134	685	6.56	20	S

Sample ID 057892-024ADUP		SampType: DUP		TestCode: 6010_S		Units: mg/Kg		Prep Date: 7/28/2002		Run ID: ICP2_020729C	
Client ID: N45-S		Batch ID: 9916		TestNo: EPA 6010B (EPA 3050A)				Analysis Date: 7/29/2002		SeqNo: 309047	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	2.5	0.25	0	0	0	0	0	0	0	0	
Arsenic	8.5	0.25	0	0	0	0	0	0	0	0	
Barium	186	0.15	0	0	0	0	0	0	0	0	
Beryllium	ND	0.15	0	0	0	0	0	0	0	0	
Cadmium	ND	0.15	0	0	0	0	0	0	0	0	
Chromium	24	0.15	0	0	0	0	0	0	0	0	
Cobalt	6	0.15	0	0	0	0	0	0	0	0	
Copper	73.5	0.15	0	0	0	0	0	0	0	0	
Lead	2315	0.25	0	0	0	0	0	0	0	0	
Molybdenum	5.5	0.25	0	0	0	0	0	0	0	0	
Nickel	18	0.15	0	0	0	0	0	0	0	0	
Selenium	ND	0.25	0	0	0	0	0	0	0	0	
Silver	0.1235	0.15	0	0	0	0	0	0	0	0	
Thallium	0.5	0.25	0	0	0	0	0	0	0	0	

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 Calculations are based on raw values

DO- Surrogate dilute out  
 H - Sample exceeded holding time

# ANALYTICAL QC SUMMARY REPORT

**CLIENT:** Geocon Environmental  
**Work Order:** 057892  
**Project:** Rte 5-NB, 9100-06-49

**TestCode: 6010\_S**

Sample ID <b>057892-024ADUP</b>		SampType: <b>DUP</b>		TestCode: <b>6010_S</b>		Units: <b>mg/Kg</b>		Prep Date: <b>7/28/2002</b>		Run ID: <b>ICP2_020729C</b>	
Client ID: <b>N45-S</b>		Batch ID: <b>9916</b>		TestNo: <b>EPA 6010B (EPA 3050A)</b>				Analysis Date: <b>7/29/2002</b>		SeqNo: <b>309047</b>	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vanadium	23.5	0.15	0	0	0	0	0	0	0	0	
Zinc	438	0.50	0	0	0	0	0	0	0	0	

Sample ID <b>057936-019ADUP</b>		SampType: <b>DUP</b>		TestCode: <b>6010_S</b>		Units: <b>mg/Kg</b>		Prep Date: <b>7/28/2002</b>		Run ID: <b>ICP2_020729D</b>	
Client ID: <b>ZZZZZ</b>		Batch ID: <b>9917</b>		TestNo: <b>EPA 6010B (EPA 3050A)</b>				Analysis Date: <b>7/29/2002</b>		SeqNo: <b>309109</b>	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	2.5	0.25	0	0	0	0	0	2.5	0	30	
Arsenic	13	0.25	0	0	0	0	0	13	0	30	
Barium	210	0.15	0	0	0	0	0	210	0	30	
Beryllium	ND	0.15	0	0	0	0	0	0	0	30	
Cadmium	ND	0.15	0	0	0	0	0	0	0	30	
Chromium	28	0.15	0	0	0	0	0	28	0	30	
Cobalt	7.5	0.15	0	0	0	0	0	7.5	0	30	
Copper	71.5	0.15	0	0	0	0	0	71.5	0	30	
Molybdenum	3.5	0.25	0	0	0	0	0	3.5	0	30	
Nickel	27.5	0.15	0	0	0	0	0	27.5	0	30	
Selenium	ND	0.25	0	0	0	0	0	0	0	30	J
Silver	0.1365	0.15	0	0	0	0	0	0.1365	0	30	
Thallium	1	0.25	0	0	0	0	0	1	0	30	
Vanadium	29	0.15	0	0	0	0	0	29	0	30	
Zinc	594.5	0.50	0	0	0	0	0	594.5	0	30	

Sample ID <b>057936-019ADUP</b>		SampType: <b>DUP</b>		TestCode: <b>6010_S</b>		Units: <b>mg/Kg</b>		Prep Date: <b>7/28/2002</b>		Run ID: <b>ICP2_020729D</b>	
Client ID: <b>ZZZZZ</b>		Batch ID: <b>9917</b>		TestNo: <b>EPA 6010B (EPA 3050A)</b>				Analysis Date: <b>7/29/2002</b>		SeqNo: <b>309117</b>	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	4210	2.5	0	0	0	0	0	3800	10.2	30	

**Qualifiers:**  
 ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 R - RPD outside accepted recovery limits

S - Spike Recovery outside accepted recovery limits  
 B - Analyte detected in the associated Method Blank  
 Calculations are based on raw values

DO- Surrogate dilute out  
 H - Sample exceeded holding time

# ANALYTICAL QC SUMMARY REPORT

**CLIENT:** Geocon Environmental  
**Work Order:** 057892  
**Project:** Rte 5-NB, 9100-06-49

**TestCode:** 6010\_S

Sample ID	SampType	TestCode	Units	Prep Date	Run ID						
057892-003ADUP	DUP	6010_S	mg/Kg	8/16/2002	ICP2_020819B						
Client ID: N38-0.6	Batch ID: 10418	TestNo: EPA 6010B	(EPA 3050A)	Analysis Date: 8/19/2002	SeqNo: 320188						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	2	0.25	0	0	0	0	0	3.515	54.9	30	R
Arsenic	8	0.25	0	0	0	0	0	9.13	13.2	30	
Barium	234.5	0.15	0	0	0	0	0	235.6	0.489	30	
Beryllium	ND	0.15	0	0	0	0	0	0	0	30	
Cadmium	1	0.15	0	0	0	0	0	2.92	98.0	30	R
Chromium	28	0.15	0	0	0	0	0	32.91	16.1	30	
Cobalt	6	0.15	0	0	0	0	0	6.32	5.19	30	
Copper	111	0.15	0	0	0	0	0	147.2	28.1	30	
Lead	1780	0.25	0	0	0	0	0	1964	9.83	30	R
Molybdenum	8.5	0.25	0	0	0	0	0	5.41	44.4	30	
Nickel	21.5	0.15	0	0	0	0	0	25.02	15.1	30	
Selenium	ND	0.25	0	0	0	0	0	0	0	30	
Silver	0.5	0.15	0	0	0	0	0	0.47	6.19	30	J
Thallium	0.0935	0.25	0	0	0	0	0	0	0	30	
Vanadium	21	0.15	0	0	0	0	0	23.04	9.29	30	
Zinc	599.5	0.50	0	0	0	0	0	637.5	6.14	30	

**Qualifiers:**

ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 R - RPD outside accepted recovery limits

S - Spike Recovery outside accepted recovery limits  
 B - Analyte detected in the associated Method Blank  
 Calculations are based on raw values

DO- Surrogate dilute out  
 H - Sample exceeded holding time



CLIENT: Geocon Environmental  
Work Order: 057892  
Project: Rte 5-NB, 9100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 7471\_S

Sample ID	MB-9919	SampType:	mbk	TestCode:	7471_S	Units:	mg/Kg	Prep Date:	7/28/2002	Run ID:	AA1_020729A
Client ID:	ZZZZZ	Batch ID:	9919	TestNo:	EPA 7471A (EPA 7471)	Analysis Date:	7/29/2002	SeqNo:	309061		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Mercury ND 0.10

Sample ID	MB-9920	SampType:	mbk	TestCode:	7471_S	Units:	mg/Kg	Prep Date:	7/28/2002	Run ID:	AA1_020729B
Client ID:	ZZZZZ	Batch ID:	9920	TestNo:	EPA 7471A (EPA 7471)	Analysis Date:	7/29/2002	SeqNo:	309080		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Mercury 0.03565 0.10

Sample ID	LCS-9919	SampType:	lcs	TestCode:	7471_S	Units:	mg/Kg	Prep Date:	7/28/2002	Run ID:	AA1_020729A
Client ID:	ZZZZZ	Batch ID:	9919	TestNo:	EPA 7471A (EPA 7471)	Analysis Date:	7/29/2002	SeqNo:	309060		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Mercury 2.02 0.10 2.08 0 97.1 80 120 0 0

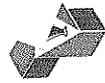
Sample ID	LCS-9920	SampType:	lcs	TestCode:	7471_S	Units:	mg/Kg	Prep Date:	7/28/2002	Run ID:	AA1_020729B
Client ID:	ZZZZZ	Batch ID:	9920	TestNo:	EPA 7471A (EPA 7471)	Analysis Date:	7/29/2002	SeqNo:	309079		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Mercury 2.144 0.10 2.08 0 103 80 120 0 0

Sample ID	057892-003AMS	SampType:	MS	TestCode:	7471_S	Units:	mg/Kg	Prep Date:	7/28/2002	Run ID:	AA1_020729A
Client ID:	N38-0.6	Batch ID:	9919	TestNo:	EPA 7471A (EPA 7471)	Analysis Date:	7/29/2002	SeqNo:	309064		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Mercury 0.609 1.0 0.83 0 73.4 62 146 0 0 J

Qualifiers: ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



**CLIENT:** Geocon Environmental  
**Work Order:** 057892  
**Project:** Rte 5-NB, 9100-06-49

## ANALYTICAL QC SUMMARY REPORT

**TestCode:** 7471\_S

Sample ID: <b>057900-074AMS</b>	SampType: <b>MS</b>	TestCode: <b>7471_S</b>	Units: <b>mg/Kg</b>	Prep Date: <b>7/28/2002</b>	Run ID: <b>AA1_020729B</b>						
Client ID: <b>ZZZZZ</b>	Batch ID: <b>9920</b>	TestNo: <b>EPA 7471A</b>	(EPA 7471)	Analysis Date: <b>7/29/2002</b>	SeqNo: <b>309077</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Mercury	1.067	0.10	0.83	0.218	102	62	146	0	0		
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Sample ID: <b>057892-003AMSD</b>	SampType: <b>MSD</b>	TestCode: <b>7471_S</b>	Units: <b>mg/Kg</b>	Prep Date: <b>7/28/2002</b>	Run ID: <b>AA1_020729A</b>						
Client ID: <b>N38-0.6</b>	Batch ID: <b>9919</b>	TestNo: <b>EPA 7471A</b>	(EPA 7471)	Analysis Date: <b>7/29/2002</b>	SeqNo: <b>309065</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Mercury	0.6339	1.0	0.83	0	76.4	62	146	0.609	0	33	J
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Sample ID: <b>057900-074AMSD</b>	SampType: <b>MSD</b>	TestCode: <b>7471_S</b>	Units: <b>mg/Kg</b>	Prep Date: <b>7/28/2002</b>	Run ID: <b>AA1_020729B</b>						
Client ID: <b>ZZZZZ</b>	Batch ID: <b>9920</b>	TestNo: <b>EPA 7471A</b>	(EPA 7471)	Analysis Date: <b>7/29/2002</b>	SeqNo: <b>309078</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Mercury	1.144	0.10	0.83	0.218	112	62	146	1.067	7.02	33	
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Sample ID: <b>057892-003ADUP</b>	SampType: <b>DUP</b>	TestCode: <b>7471_S</b>	Units: <b>mg/Kg</b>	Prep Date: <b>7/28/2002</b>	Run ID: <b>AA1_020729A</b>						
Client ID: <b>N38-0.6</b>	Batch ID: <b>9919</b>	TestNo: <b>EPA 7471A</b>	(EPA 7471)	Analysis Date: <b>7/29/2002</b>	SeqNo: <b>309063</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Mercury	ND	1.0	0	0	0	0	0	0	0	30	
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Sample ID: <b>057900-074ADUP</b>	SampType: <b>DUP</b>	TestCode: <b>7471_S</b>	Units: <b>mg/Kg</b>	Prep Date: <b>7/28/2002</b>	Run ID: <b>AA1_020729B</b>						
Client ID: <b>ZZZZZ</b>	Batch ID: <b>9920</b>	TestNo: <b>EPA 7471A</b>	(EPA 7471)	Analysis Date: <b>7/29/2002</b>	SeqNo: <b>309076</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Mercury	0.1995	0.10	0	0	0	0	0	0.218	8.85	30	
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**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values

**Diane**

---

**From:** Chris King [king@geoconinc.com]

**Sent:** Tuesday, August 27, 2002 11:54 AM

**To:** 'Diane'

Diane, I got your message. Wasn't that sample supposed to be rerun last week? Please rerun sample 57892-003 for title 22 metals. Thanks.

Christopher S. King  
Senior Staff Engineer  
Geocon Consultants, Inc.

8/27/2002

August 14, 2002

~~Chris King~~

Geocon Environmental  
6970 Flanders Drive  
San Diego, CA 92121  
TEL: (858) 558-6100  
FAX: (858) 558-8437

RE: Rte 5-NB, 9100-06-49

Attention: Chris King

ELAP No.: 1838

NELAP No.: 02107CA

Workorder No.: 057871

Enclosed are the results for sample(s) received on July 10, 2002 by Advanced Technology Laboratories and tested for the parameters indicated in the enclosed chain of custody.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (562)989-4045 if I can be of further assistance to your company.

Sincerely,



Eddie F. Rodriguez  
Laboratory Director

AUG 17 2002

This cover letter is an integral part of this analytical report.



# Advanced Technology Laboratories

Date: 14-Aug-02

CLIENT: Geocon Environmental  
Lab Order: 057871  
Project: Rte 5-NB, 9100-06-49  
Lab ID: 057871-042A

Client Sample ID: N29-0.3  
Collection Date: 7/10/2002  
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>LEAD BY ICP</b>						
	(EPA 3050M)			EPA 6010B		
RunID: ICP2_020814E	QC Batch: 10251					Analyst: RQ
Lead	2000	5.0		mg/Kg	1	8/14/2002
Lead	260	5.0		mg/Kg	1	7/12/2002

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike/Surrogate outside of limits due to matrix interfere  
J - Analyte detected below quantitation limits      H - Sample exceeded analytical holding time  
B - Analyte detected in the associated Method Blank      E - Value above quantitation range  
DO - Surrogate Diluted Out      Results are wet unless otherwise specified

Page 1 of 1





# Advanced Technology Laboratories

Date: 14-Aug-02

CLIENT: Geocon Environmental  
Work Order: 057871  
Project: Rte 5-NB, 9100-06-49

## ANALYTICAL QC SUMMARY REPORT

TestCode: 6010\_SPB

Sample ID	MB-9511A	SampType:	MBLK	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/12/2002	Run ID:	ICP5_020712F			
Client ID:	ZZZZZ	Batch ID:	9511	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/12/2002	SeqNo:	298444			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead ND 5.0

Sample ID	MB-9511B	SampType:	MBLK	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/12/2002	Run ID:	ICP5_020712F			
Client ID:	ZZZZZ	Batch ID:	9511	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/12/2002	SeqNo:	298445			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead ND 5.0

Sample ID	MB-9513A	SampType:	MBLK	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/12/2002	Run ID:	ICP5_020712G			
Client ID:	ZZZZZ	Batch ID:	9513	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/12/2002	SeqNo:	298472			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead ND 5.0

Sample ID	MB-9513B	SampType:	MBLK	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/12/2002	Run ID:	ICP5_020712G			
Client ID:	ZZZZZ	Batch ID:	9513	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/12/2002	SeqNo:	298473			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 0.3135 5.0

Sample ID	MB-9512A	SampType:	MBLK	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/12/2002	Run ID:	ICP5_020712H			
Client ID:	ZZZZZ	Batch ID:	9512	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/12/2002	SeqNo:	298550			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead ND 5.0

Qualifiers: ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits B - Analyte detected in the associated Method Blank H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits Calculations are based on raw values



CLIENT: Geocon Environmental  
Work Order: 057871  
Project: Rte 5-NB, 9100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 6010\_SPB

Sample ID <b>MB-9512B</b>	SampType: <b>MBLK</b>	TestCode: <b>6010_SPB</b>	Units: <b>mg/Kg</b>	Prep Date: <b>7/12/2002</b>	Run ID: <b>ICP5_020712H</b>						
Client ID: <b>ZZZZZ</b>	Batch ID: <b>9512</b>	TestNo: <b>EPA 6010B</b>	( <b>EPA 3050M</b> )	Analysis Date: <b>7/12/2002</b>	SeqNo: <b>298551</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead ND 5.0

Sample ID <b>MB-9514A</b>	SampType: <b>MBLK</b>	TestCode: <b>6010_SPB</b>	Units: <b>mg/Kg</b>	Prep Date: <b>7/12/2002</b>	Run ID: <b>ICP5_020712I</b>						
Client ID: <b>ZZZZZ</b>	Batch ID: <b>9514</b>	TestNo: <b>EPA 6010B</b>	( <b>EPA 3050M</b> )	Analysis Date: <b>7/12/2002</b>	SeqNo: <b>298560</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 0.3585 5.0 0 0 0 0 0 0 0 0

Sample ID <b>MB-10251</b>	SampType: <b>MBLK</b>	TestCode: <b>6010_SPB</b>	Units: <b>mg/Kg</b>	Prep Date: <b>8/13/2002</b>	Run ID: <b>ICP2_020814E</b>						
Client ID: <b>ZZZZZ</b>	Batch ID: <b>10251</b>	TestNo: <b>EPA 6010B</b>	( <b>EPA 3050M</b> )	Analysis Date: <b>8/14/2002</b>	SeqNo: <b>318640</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead ND 5.0

Sample ID <b>LCS-9511</b>	SampType: <b>LCS</b>	TestCode: <b>6010_SPB</b>	Units: <b>mg/Kg</b>	Prep Date: <b>7/12/2002</b>	Run ID: <b>ICP5_020712F</b>						
Client ID: <b>ZZZZZ</b>	Batch ID: <b>9511</b>	TestNo: <b>EPA 6010B</b>	( <b>EPA 3050M</b> )	Analysis Date: <b>7/12/2002</b>	SeqNo: <b>298443</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 227.4 5.0 250 0 91 80 120 0 0

Sample ID <b>LCS-9513</b>	SampType: <b>LCS</b>	TestCode: <b>6010_SPB</b>	Units: <b>mg/Kg</b>	Prep Date: <b>7/12/2002</b>	Run ID: <b>ICP5_020712G</b>						
Client ID: <b>ZZZZZ</b>	Batch ID: <b>9513</b>	TestNo: <b>EPA 6010B</b>	( <b>EPA 3050M</b> )	Analysis Date: <b>7/12/2002</b>	SeqNo: <b>298471</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 208.7 5.0 250 0 83.5 80 120 0 0

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      **Calculations are based on raw values**



CLIENT: Geocon Environmental  
Work Order: 057871  
Project: Rte 5-NB, 9100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 6010\_SPB

Sample ID	LCS-9512	SampType:	LCS	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/12/2002	Run ID:	ICP5_020712H		
Client ID:	ZZZZZ	Batch ID:	9512	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/12/2002	SeqNo:	298549		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead		220.7		5.0	250	0	88.3	80	120	0		0	

Sample ID	LCS-9514	SampType:	LCS	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/12/2002	Run ID:	ICP5_020712I		
Client ID:	ZZZZZ	Batch ID:	9514	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/12/2002	SeqNo:	298559		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead		212.8		5.0	250	0	85.1	80	120	0		0	

Sample ID	LCS-10251	SampType:	LCS	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	8/13/2002	Run ID:	ICP2_020814E		
Client ID:	ZZZZZ	Batch ID:	10251	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	8/14/2002	SeqNo:	318641		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead		246		5.0	250	0	98.4	80	120	0		0	

Sample ID	057871-010AMS	SampType:	MS	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/12/2002	Run ID:	ICP5_020712F		
Client ID:	N18-0.6	Batch ID:	9511	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/12/2002	SeqNo:	298429		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead		250.1		5.0	250	107.3	57.1	47	128	0		0	

Sample ID	057871-020AMS	SampType:	MS	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/12/2002	Run ID:	ICP5_020712F		
Client ID:	N21-0.3	Batch ID:	9511	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/12/2002	SeqNo:	298441		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead		739.2		5.0	250	399.7	136	47	128	0		0	S

Qualifiers: ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



CLIENT: Geocon Environmental  
Work Order: 057871  
Project: Rte 5-NB, 9100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 6010\_SPB

Sample ID	057871-050AMS	SampType:	MS	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/12/2002	Run ID:	ICP5_020712G		
Client ID:	N32-0.6	Batch ID:	9513	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/12/2002	SeqNo:	298457		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead		527.3		5.0	250	357.1	68.1	47	128	0	0		

Sample ID	057871-060AMS	SampType:	MS	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/12/2002	Run ID:	ICP5_020712G		
Client ID:	N36-S	Batch ID:	9513	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/12/2002	SeqNo:	298469		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead		1141		5.0	250	1626	-194	47	128	0	0		S

Sample ID	057871-030AMS	SampType:	MS	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/12/2002	Run ID:	ICP5_020712H		
Client ID:	N25-S	Batch ID:	9512	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/12/2002	SeqNo:	298535		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead		1187		5.0	250	1012	70.1	47	128	0	0		

Sample ID	057871-040AMS	SampType:	MS	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/12/2002	Run ID:	ICP5_020712H		
Client ID:	N28-0.6	Batch ID:	9512	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/12/2002	SeqNo:	298547		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead		254.6		5.0	250	100.4	61.7	47	128	0	0		

Sample ID	057871-064AMS	SampType:	MS	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/12/2002	Run ID:	ICP5_020712I		
Client ID:	N37-S	Batch ID:	9514	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/12/2002	SeqNo:	298557		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead		452.5		5.0	250	306.4	58.5	47	128	0	0		

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



CLIENT: Geocon Environmental  
Work Order: 057871  
Project: Rte 5-NB, 9100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 6010\_SPB

Sample ID	058066-007AMS	SampType:	MS	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	8/13/2002	Run ID:	ICP2_020814E		
Client ID:	ZZZZZ	Batch ID:	10251	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	8/14/2002	SeqNo:	318650		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead		262.5		5.0	250	379	-46.6	47	128	0	0		S

Sample ID	057871-010ADUP	SampType:	DUP	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/12/2002	Run ID:	ICP5_020712F		
Client ID:	N18-0.6	Batch ID:	9511	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/12/2002	SeqNo:	298428		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead		123.6		5.0	0	0	0	0	0	107.3	14.1	30	

Sample ID	057871-020ADUP	SampType:	DUP	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/12/2002	Run ID:	ICP5_020712F		
Client ID:	N21-0.3	Batch ID:	9511	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/12/2002	SeqNo:	298440		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead		506.8		5.0	0	0	0	0	0	399.7	23.6	30	

Sample ID	057871-050ADUP	SampType:	DUP	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/12/2002	Run ID:	ICP5_020712G		
Client ID:	N32-0.6	Batch ID:	9513	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/12/2002	SeqNo:	298456		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead		482.3		5.0	0	0	0	0	0	357.1	29.8	30	

Sample ID	057871-060ADUP	SampType:	DUP	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/12/2002	Run ID:	ICP5_020712G		
Client ID:	N36-S	Batch ID:	9513	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/12/2002	SeqNo:	298468		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead		1205		5.0	0	0	0	0	0	1626	29.8	30	

Qualifiers: ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



CLIENT: Geocon Environmental  
Work Order: 057871  
Project: Rte 5-NB, 9100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 6010\_SPB

Sample ID	057871-030ADUP	SampType:	DUP	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/12/2002	Run ID:	ICP5_020712H		
Client ID:	N25-S	Batch ID:	9512	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/12/2002	SeqNo:	298534		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead		995.7		5.0	0	0	0	0	0	1012	1.64	30	

Sample ID	057871-040ADUP	SampType:	DUP	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/12/2002	Run ID:	ICP5_020712H		
Client ID:	N28-0.6	Batch ID:	9512	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/12/2002	SeqNo:	298546		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead		87.98		5.0	0	0	0	0	0	100.4	13.2	30	

Sample ID	057871-064ADUP	SampType:	DUP	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/12/2002	Run ID:	ICP5_020712I		
Client ID:	N37-S	Batch ID:	9514	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/12/2002	SeqNo:	298556		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead		370.5		5.0	0	0	0	0	0	306.4	18.9	30	

Sample ID	058066-007ADUP	SampType:	DUP	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	8/13/2002	Run ID:	ICP2_020814E		
Client ID:	ZZZZZ	Batch ID:	10251	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	8/14/2002	SeqNo:	318649		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead		55.5		5.0	0	0	0	0	0	379	149	30	R

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      **Calculations are based on raw values**

**Diane**

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**From:** Chris King [king@geoconinc.com]  
**Sent:** Monday, August 05, 2002 4:34 PM  
**To:** 'Diane'

Could you please rerun samples 057871-42A (N29-0.3) and 057892-060A (N56-S) for total lead as soon as possible.  
Thank you.

Christopher S. King  
Senior Staff Engineer  
Geocon Consultants, Inc.

8/5/2002

August 13, 2002

Chris King  
Geocon Environmental  
6970 Flanders Drive  
San Diego, CA 92121  
TEL: (858) 558-6100  
FAX: (858) 558-8437

RE: Rte 5 - Southbound, 09100-06-49

Attention: Chris King

ELAP No.: 1838

NELAP No.: 02107CA

Workorder No.: 057898

Enclosed are the results for sample(s) received on July 12, 2002 by Advanced Technology Laboratories and tested for the parameters indicated in the enclosed chain of custody.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (562)989-4045 if I can be of further assistance to your company.

Sincerely,



Eddie F. Rodriguez  
Laboratory Director

AUG 17 2002

This cover letter is an integral part of this analytical report.



# Advanced Technology Laboratories

Date: 13-Aug-02

**CLIENT:** Geocon Environmental

**Client Sample ID:** S59-2

**Lab Order:** 057898

**Project:** Rte 5 - Southbound, 09100-06-49

**Collection Date:** 7/12/2002

**Lab ID:** 057898-003A

**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
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**LEAD BY ATOMIC ABSORPTION BY STLC  
(WET)**

**WET/ EPA 7420**

RunID: AA2\_020813C

QC Batch: 10178

Analyst: NS

Lead	6.8	0.20		mg/L	1	8/13/2002
Lead	11	0.20		mg/L	1	7/23/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified

Page 1 of 1



# Advanced Technology Laboratories

Date: 13-Aug-02

CLIENT: Geocon Environmental  
Lab Order: 057898  
Project: Rte 5 - Southbound, 09100-06-49  
Lab ID: 057898-033A

Client Sample ID: S67-S  
Collection Date: 7/12/2002  
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
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## LEAD BY ATOMIC ABSORPTION BY STLC (WET)

## WET/ EPA 7420

RunID: AA2_020813C	QC Batch: 10178					Analyst: NS
Lead	75	2.0		mg/L	10	8/13/2002
Lead	80	2.0		mg/L	10	7/23/2002

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike/Surrogate outside of limits due to matrix interfere  
J - Analyte detected below quantitation limits      H - Sample exceeded analytical holding time  
B - Analyte detected in the associated Method Blank      E - Value above quantitation range  
DO - Surrogate Diluted Out      Results are wet unless otherwise specified

Page 1 of 1



# Advanced Technology Laboratories

Date: 13-Aug-02

CLIENT: Geocon Environmental  
Lab Order: 057898  
Project: Rte 5 - Southbound, 09100-06-49  
Lab ID: 057898-036A

Client Sample ID: S67-3  
Collection Date: 7/12/2002  
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
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## LEAD BY ATOMIC ABSORPTION BY STLC (WET)

## WET/ EPA 7420

RunID: AA2_020813C	QC Batch: 10178					Analyst: NS
Lead	1.7	0.20		mg/L	1	8/13/2002
Lead	1.4	0.20		mg/L	1	7/23/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified

Page 1 of 1



# Advanced Technology Laboratories

Date: 13-Aug-02

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**CLIENT:** Geocon Environmental **Client Sample ID:** S71-1  
**Lab Order:** 057898  
**Project:** Rte 5 - Southbound, 09100-06-49 **Collection Date:** 7/12/2002  
**Lab ID:** 057898-050A **Matrix:** SOIL

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Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
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**LEAD BY ATOMIC ABSORPTION BY STLC**  
(WET)

WET/ EPA 7420

RunID: AA2_020813C	QC Batch: 10178					Analyst: NS
Lead	190	4.0		mg/L	20	8/13/2002
Lead	150	4.0		mg/L	20	7/23/2002

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**Qualifiers:** ND - Not Detected at the Reporting Limit S - Spike/Surrogate outside of limits due to matrix interfere  
J - Analyte detected below quantitation limits H - Sample exceeded analytical holding time  
B - Analyte detected in the associated Method Blank E - Value above quantitation range  
DO - Surrogate Diluted Out Results are wet unless otherwise specified

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# Advanced Technology Laboratories

Date: 13-Aug-02

**CLIENT:** Geocon Environmental  
**Lab Order:** 057898  
**Project:** Rte 5 - Southbound, 09100-06-49  
**Lab ID:** 057898-051A

**Client Sample ID:** S71-2  
**Collection Date:** 7/12/2002  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
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**LEAD BY ATOMIC ABSORPTION BY STLC  
(WET)**

**WET/ EPA 7420**

RunID: AA2_020813C	QC Batch: 10178					Analyst: NS
Lead	99	2.0		mg/L	10	8/13/2002
Lead	100	2.0		mg/L	10	7/23/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified

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# Advanced Technology Laboratories

Date: 13-Aug-02

CLIENT: Geocon Environmental Client Sample ID: S71-3  
Lab Order: 057898  
Project: Rte 5 - Southbound, 09100-06-49 Collection Date: 7/12/2002  
Lab ID: 057898-052A Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
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## LEAD BY ATOMIC ABSORPTION BY STLC (WET)

## WET/ EPA 7420

RunID: AA2_020813C	QC Batch: 10178					Analyst: NS
Lead	140	4.0		mg/L	20	8/13/2002
Lead	170	4.0		mg/L	20	7/23/2002

**Qualifiers:** ND - Not Detected at the Reporting Limit S - Spike/Surrogate outside of limits due to matrix interfere  
J - Analyte detected below quantitation limits H - Sample exceeded analytical holding time  
B - Analyte detected in the associated Method Blank E - Value above quantitation range  
DO - Surrogate Diluted Out Results are wet unless otherwise specified

Page 1 of 1



# Advanced Technology Laboratories

Date: 13-Aug-02

**CLIENT:** Geocon Environmental

**Client Sample ID:** S72-3

**Lab Order:** 057898

**Project:** Rte 5 - Southbound, 09100-06-49

**Collection Date:** 7/12/2002

**Lab ID:** 057898-056A

**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
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**LEAD BY ATOMIC ABSORPTION BY STLC  
(WET)**

**WET/ EPA 7420**

RunID: AA2_020813C	QC Batch: 10178					Analyst: NS
Lead	1.1	0.20		mg/L	1	8/13/2002
Lead	1.1	0.20		mg/L	1	7/23/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



**Advanced Technology Laboratories**

Date: 13-Aug-02

**CLIENT:** Geocon Environmental  
**Lab Order:** 057898  
**Project:** Rte 5 - Southbound, 09100-06-49  
**Lab ID:** 057898-058A

**Client Sample ID:** S73-1  
**Collection Date:** 7/12/2002  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
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**LEAD BY ATOMIC ABSORPTION BY STLC  
(WET)**

**WET/ EPA 7420**

RunID: AA2_020813C	QC Batch: 10178					Analyst: NS
Lead	82	2.0		mg/L	10	8/13/2002
Lead	93	2.0		mg/L	10	7/23/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



# Advanced Technology Laboratories

Date: 13-Aug-02

**CLIENT:** Geocon Environmental

**Client Sample ID:** S73-2

**Lab Order:** 057898

**Project:** Rte 5 - Southbound, 09100-06-49

**Collection Date:** 7/12/2002

**Lab ID:** 057898-059A

**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
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**LEAD BY ATOMIC ABSORPTION BY STLC  
(WET)**

**WET/ EPA 7420**

RunID: AA2\_020813C

QC Batch: 10178

Analyst: NS

Lead	110	4.0		mg/L	20	8/13/2002
Lead	120	2.0		mg/L	10	7/23/2002

**Qualifiers:**  
 ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 DO - Surrogate Diluted Out

S - Spike/Surrogate outside of limits due to matrix interfere  
 H - Sample exceeded analytical holding time  
 E - Value above quantitation range  
 Results are wet unless otherwise specified

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# Advanced Technology Laboratories

Date: 13-Aug-02

CLIENT: Geocon Environmental

Client Sample ID: S73-3

Lab Order: 057898

Project: Rte 5 - Southbound, 09100-06-49

Collection Date: 7/12/2002

Lab ID: 057898-060A

Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
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## LEAD BY ATOMIC ABSORPTION BY STLC

(WET)

WET/ EPA 7420

RunID: AA2\_020813C

QC Batch: 10178

Analyst: NS

Lead	58	2.0		mg/L	10	8/13/2002
Lead	110	2.0		mg/L	10	7/23/2002

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike/Surrogate outside of limits due to matrix interfere  
 J - Analyte detected below quantitation limits      H - Sample exceeded analytical holding time  
 B - Analyte detected in the associated Method Blank      E - Value above quantitation range  
 DO - Surrogate Diluted Out      Results are wet unless otherwise specified

Page 1 of 1



**Advanced Technology Laboratories**

Date: 13-Aug-02

**CLIENT:** Geocon Environmental

**Client Sample ID:** S77-S

**Lab Order:** 057898

**Project:** Rte 5 - Southbound, 09100-06-49

**Collection Date:** 7/12/2002

**Lab ID:** 057898-073A

**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
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**LEAD BY ATOMIC ABSORPTION BY STLC  
(WET)**

**WET/ EPA 7420**

RunID: AA2\_020813C

QC Batch: 10178

Analyst: NS

Lead	33	0.80		mg/L	4	8/13/2002
Lead	99	2.0		mg/L	10	7/23/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified

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# Advanced Technology Laboratories

Date: 13-Aug-02

CLIENT: Geocon Environmental

Client Sample ID: S77-1

Lab Order: 057898

Project: Rte 5 - Southbound, 09100-06-49

Collection Date: 7/12/2002

Lab ID: 057898-074A

Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
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## LEAD BY ATOMIC ABSORPTION BY STLC

(WET)

WET/ EPA 7420

RunID: AA2\_020813C

QC Batch: 10178

Analyst: NS

Lead	160	4.0		mg/L	20	8/13/2002
Lead	190	4.0		mg/L	20	7/23/2002

Qualifiers: ND - Not Detected at the Reporting Limit      S - Spike/Surrogate outside of limits due to matrix interfere  
 J - Analyte detected below quantitation limits      H - Sample exceeded analytical holding time  
 B - Analyte detected in the associated Method Blank      E - Value above quantitation range  
 DO - Surrogate Diluted Out      Results are wet unless otherwise specified

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Advanced Technology Laboratories

Date: 13-Aug-02

**CLIENT:** Geocon Environmental  
**Work Order:** 057898  
**Project:** Rte 5 - Southbound, 09100-06-49

**ANALYTICAL QC SUMMARY REPORT**

**TestCode: 7420\_ST**

Sample ID	SampType	TestCode	Units	Prep Date	Run ID						
MB-9729	MBLK	7420_ST	mg/L	7/23/2002	AA2_020723N						
Client ID: ZZZZZ	Batch ID: 9729	TestNo: WET/ EPA 74 (WET)		Analysis Date: 7/23/2002	SeqNo: 304860						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.20									
Sample ID MB-9729A	SampType: MBLK	TestCode: 7420_ST	Units: mg/L	Prep Date: 7/19/2002	Run ID: AA2_020723N						
Client ID: ZZZZZ	Batch ID: 9729	TestNo: WET/ EPA 74 (WET)		Analysis Date: 7/23/2002	SeqNo: 304861						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.20									
Sample ID MB-9729B	SampType: MBLK	TestCode: 7420_ST	Units: mg/L	Prep Date: 7/19/2002	Run ID: AA2_020723N						
Client ID: ZZZZZ	Batch ID: 9729	TestNo: WET/ EPA 74 (WET)		Analysis Date: 7/23/2002	SeqNo: 304874						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.20									
Sample ID MB-9730	SampType: MBLK	TestCode: 7420_ST	Units: mg/L	Prep Date: 7/23/2002	Run ID: AA2_020723R						
Client ID: ZZZZZ	Batch ID: 9730	TestNo: WET/ EPA 74 (WET)		Analysis Date: 7/23/2002	SeqNo: 304981						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.20									
Sample ID MB-9730A	SampType: MBLK	TestCode: 7420_ST	Units: mg/L	Prep Date: 7/19/2002	Run ID: AA2_020723R						
Client ID: ZZZZZ	Batch ID: 9730	TestNo: WET/ EPA 74 (WET)		Analysis Date: 7/23/2002	SeqNo: 304982						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.20									

**Qualifiers:** ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits B - Analyte detected in the associated Method Blank H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits Calculations are based on raw values



CLIENT: Geocon Environmental  
Work Order: 057898  
Project: Rte 5 - Southbound, 09100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 7420\_ST

Sample ID	<b>MB-9730B</b>	SampType:	<b>MBLK</b>	TestCode:	<b>7420_ST</b>	Units:	<b>mg/L</b>	Prep Date:	<b>7/19/2002</b>	Run ID:	<b>AA2_020723R</b>												
Client ID:	<b>ZZZZZ</b>	Batch ID:	<b>9730</b>	TestNo:	<b>WET/ EPA 74 (WET)</b>	Analysis Date:	<b>7/23/2002</b>	SeqNo:	<b>304995</b>														
Analyte		Result		PQL		SPK value		SPK Ref Val		%REC		LowLimit		HighLimit		RPD Ref Val		%RPD		RPDLimit		Qual	

Lead ND 0.20

Sample ID	<b>MB-9731</b>	SampType:	<b>MBLK</b>	TestCode:	<b>7420_ST</b>	Units:	<b>mg/L</b>	Prep Date:	<b>7/23/2002</b>	Run ID:	<b>AA2_020723S</b>												
Client ID:	<b>ZZZZZ</b>	Batch ID:	<b>9731</b>	TestNo:	<b>WET/ EPA 74 (WET)</b>	Analysis Date:	<b>7/23/2002</b>	SeqNo:	<b>305013</b>														
Analyte		Result		PQL		SPK value		SPK Ref Val		%REC		LowLimit		HighLimit		RPD Ref Val		%RPD		RPDLimit		Qual	

Lead ND 0.20

Sample ID	<b>MB-9731A</b>	SampType:	<b>MBLK</b>	TestCode:	<b>7420_ST</b>	Units:	<b>mg/L</b>	Prep Date:	<b>7/19/2002</b>	Run ID:	<b>AA2_020723S</b>												
Client ID:	<b>ZZZZZ</b>	Batch ID:	<b>9731</b>	TestNo:	<b>WET/ EPA 74 (WET)</b>	Analysis Date:	<b>7/23/2002</b>	SeqNo:	<b>305014</b>														
Analyte		Result		PQL		SPK value		SPK Ref Val		%REC		LowLimit		HighLimit		RPD Ref Val		%RPD		RPDLimit		Qual	

Lead 0.1553 0.20

Sample ID	<b>MB-9731B</b>	SampType:	<b>MBLK</b>	TestCode:	<b>7420_ST</b>	Units:	<b>mg/L</b>	Prep Date:	<b>7/19/2002</b>	Run ID:	<b>AA2_020723S</b>												
Client ID:	<b>ZZZZZ</b>	Batch ID:	<b>9731</b>	TestNo:	<b>WET/ EPA 74 (WET)</b>	Analysis Date:	<b>7/23/2002</b>	SeqNo:	<b>305027</b>														
Analyte		Result		PQL		SPK value		SPK Ref Val		%REC		LowLimit		HighLimit		RPD Ref Val		%RPD		RPDLimit		Qual	

Lead 0.09035 0.20

Sample ID	<b>MB-10178</b>	SampType:	<b>MBLK</b>	TestCode:	<b>7420_ST</b>	Units:	<b>mg/L</b>	Prep Date:	<b>8/13/2002</b>	Run ID:	<b>AA2_020813C</b>												
Client ID:	<b>ZZZZZ</b>	Batch ID:	<b>10178</b>	TestNo:	<b>WET/ EPA 74 (WET)</b>	Analysis Date:	<b>8/13/2002</b>	SeqNo:	<b>317694</b>														
Analyte		Result		PQL		SPK value		SPK Ref Val		%REC		LowLimit		HighLimit		RPD Ref Val		%RPD		RPDLimit		Qual	

Lead ND 0.20

Qualifiers: ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



CLIENT: Geocon Environmental  
Work Order: 057898  
Project: Rte 5 - Southbound, 09100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 7420\_ST

Sample ID	MB-10178A	SampType:	MBLK	TestCode:	7420_ST	Units:	mg/L	Prep Date:	8/8/2002	Run ID:	AA2_020813C			
Client ID:	ZZZZZ	Batch ID:	10178	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	8/13/2002	SeqNo:	317695			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead ND 0.20

Sample ID	MB-10178B	SampType:	MBLK	TestCode:	7420_ST	Units:	mg/L	Prep Date:	8/8/2002	Run ID:	AA2_020813C			
Client ID:	ZZZZZ	Batch ID:	10178	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	8/13/2002	SeqNo:	317703			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead ND 0.20

Sample ID	LCS-9729	SampType:	LCS	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020723N			
Client ID:	ZZZZZ	Batch ID:	9729	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/23/2002	SeqNo:	304896			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 7.672 0.20 7.5 0 102 80 120 0 0

Sample ID	LCS-9730	SampType:	LCS	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020723R			
Client ID:	ZZZZZ	Batch ID:	9730	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/23/2002	SeqNo:	305008			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 7.673 0.20 7.5 0 102 80 120 0 0

Sample ID	LCS-9731	SampType:	LCS	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020723S			
Client ID:	ZZZZZ	Batch ID:	9731	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/23/2002	SeqNo:	305040			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 7.722 0.20 7.5 0 103 80 120 0 0

Qualifiers: ND - Not Detected at the Reporting Limit    S - Spike Recovery outside accepted recovery limits    DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits    B - Analyte detected in the associated Method Blank    H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits    Calculations are based on raw values



CLIENT: Geocon Environmental  
Work Order: 057898  
Project: Rte 5 - Southbound, 09100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 7420\_ST

Sample ID	LCS-10178	SampType:	LCS	TestCode:	7420_ST	Units:	mg/L	Prep Date:	8/13/2002	Run ID:	AA2_020813C			
Client ID:	ZZZZZ	Batch ID:	10178	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	8/13/2002	SeqNo:	317722			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 7.023 0.20 7.5 0 93.6 80 120 0 0

Sample ID	057898-012AMS	SampType:	MS	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020723N			
Client ID:	S61-3	Batch ID:	9729	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/23/2002	SeqNo:	304873			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 22.46 0.40 10 13.12 93.4 80 120 0 0

Sample ID	057898-024AMS	SampType:	MS	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020723N			
Client ID:	S64-3	Batch ID:	9729	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/23/2002	SeqNo:	304891			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 9.319 0.20 5 4.63 93.8 80 120 0 0

Sample ID	057898-037AMS	SampType:	MS	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020723R			
Client ID:	S68-S	Batch ID:	9730	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/23/2002	SeqNo:	304994			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 49.85 0.80 20 30.4 97.3 80 120 0 0

Sample ID	057898-052AMS	SampType:	MS	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020723R			
Client ID:	S71-3	Batch ID:	9730	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/23/2002	SeqNo:	305006			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 260.5 4.0 100 173.5 87 80 120 0 0

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      **Calculations are based on raw values**



CLIENT: Geocon Environmental  
Work Order: 057898  
Project: Rte 5 - Southbound, 09100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 7420\_ST

Sample ID	057898-066AMS	SampType:	MS	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020723S			
Client ID:	S75-1	Batch ID:	9731	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/23/2002	SeqNo:	305026			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 111.6 2.0 50 65.34 92.5 80 120 0 0

Sample ID	057898-078AMS	SampType:	MS	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020723S			
Client ID:	S78-1	Batch ID:	9731	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/23/2002	SeqNo:	305038			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 24.71 0.40 10 14.74 99.8 80 120 0 0

Sample ID	057898-087AMS	SampType:	MS	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020723T			
Client ID:	S80-2	Batch ID:	9732	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/23/2002	SeqNo:	305048			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 7.411 0.20 5 2.734 93.5 80 120 0 0

Sample ID	057898-051AMS	SampType:	MS	TestCode:	7420_ST	Units:	mg/L	Prep Date:	8/13/2002	Run ID:	AA2_020813C			
Client ID:	S71-2	Batch ID:	10178	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	8/13/2002	SeqNo:	317702			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 199.7 4.0 100 98.92 101 80 120 0 0

Sample ID	057898-074AMS	SampType:	MS	TestCode:	7420_ST	Units:	mg/L	Prep Date:	8/13/2002	Run ID:	AA2_020813C			
Client ID:	S77-1	Batch ID:	10178	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	8/13/2002	SeqNo:	317718			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 337.4 8.0 200 155.5 90.9 80 120 0 0

Qualifiers: ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



**CLIENT:** Geocon Environmental  
**Work Order:** 057898  
**Project:** Rte 5 - Southbound, 09100-06-49

## ANALYTICAL QC SUMMARY REPORT

**TestCode: 7420\_ST**

Sample ID: <b>057898-012ADUP</b>	SampType: <b>DUP</b>	TestCode: <b>7420_ST</b>	Units: <b>mg/L</b>	Prep Date: <b>7/19/2002</b>	Run ID: <b>AA2_020723N</b>						
Client ID: <b>S61-3</b>	Batch ID: <b>9729</b>	TestNo: <b>WET/ EPA 74 (WET)</b>		Analysis Date: <b>7/23/2002</b>	SeqNo: <b>304872</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	13.2	0.20	0	0	0	0	0	13.12	0.638	30
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Sample ID: <b>057898-024ADUP</b>	SampType: <b>DUP</b>	TestCode: <b>7420_ST</b>	Units: <b>mg/L</b>	Prep Date: <b>7/19/2002</b>	Run ID: <b>AA2_020723N</b>						
Client ID: <b>S64-3</b>	Batch ID: <b>9729</b>	TestNo: <b>WET/ EPA 74 (WET)</b>		Analysis Date: <b>7/23/2002</b>	SeqNo: <b>304889</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	9.038	0.20	0	0	0	0	0	4.63	64.5	30	R
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Sample ID: <b>057898-037ADUP</b>	SampType: <b>DUP</b>	TestCode: <b>7420_ST</b>	Units: <b>mg/L</b>	Prep Date: <b>7/19/2002</b>	Run ID: <b>AA2_020723R</b>						
Client ID: <b>S68-S</b>	Batch ID: <b>9730</b>	TestNo: <b>WET/ EPA 74 (WET)</b>		Analysis Date: <b>7/23/2002</b>	SeqNo: <b>304993</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	30.41	0.80	0	0	0	0	0	30.4	0.0295	30
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Sample ID: <b>057898-052ADUP</b>	SampType: <b>DUP</b>	TestCode: <b>7420_ST</b>	Units: <b>mg/L</b>	Prep Date: <b>7/19/2002</b>	Run ID: <b>AA2_020723R</b>						
Client ID: <b>S71-3</b>	Batch ID: <b>9730</b>	TestNo: <b>WET/ EPA 74 (WET)</b>		Analysis Date: <b>7/23/2002</b>	SeqNo: <b>305005</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	130.7	4.0	0	0	0	0	0	173.5	28.1	30
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Sample ID: <b>057898-066ADUP</b>	SampType: <b>DUP</b>	TestCode: <b>7420_ST</b>	Units: <b>mg/L</b>	Prep Date: <b>7/19/2002</b>	Run ID: <b>AA2_020723S</b>						
Client ID: <b>S75-1</b>	Batch ID: <b>9731</b>	TestNo: <b>WET/ EPA 74 (WET)</b>		Analysis Date: <b>7/23/2002</b>	SeqNo: <b>305025</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	60.41	2.0	0	0	0	0	0	65.34	7.84	30
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<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike Recovery outside accepted recovery limits	DO- Surrogate dilute out
	J - Analyte detected below quantitation limits	B - Analyte detected in the associated Method Blank	H - Sample exceeded holding time
	R - RPD outside accepted recovery limits	<b>Calculations are based on raw values</b>	



CLIENT: Geocon Environmental  
Work Order: 057898  
Project: Rte 5 - Southbound, 09100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 7420\_ST

Sample ID	057898-078ADUP	SampType:	DUP	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/19/2002	Run ID:	AA2_020723S												
Client ID:	S78-1	Batch ID:	9731	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/23/2002	SeqNo:	305037												
Analyte		Result		PQL		SPK value		SPK Ref Val		%REC		LowLimit		HighLimit		RPD Ref Val		%RPD		RPDLimit		Qual	

Lead		14.17		0.20		0		0		0		0		0		14.74		3.90		30	
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Sample ID	057898-087ADUP	SampType:	DUP	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/19/2002	Run ID:	AA2_020723T												
Client ID:	S80-2	Batch ID:	9732	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/23/2002	SeqNo:	305047												
Analyte		Result		PQL		SPK value		SPK Ref Val		%REC		LowLimit		HighLimit		RPD Ref Val		%RPD		RPDLimit		Qual	

Lead		2.655		0.20		0		0		0		0		0		2.734		2.92		30	
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Sample ID	057898-051ADUP	SampType:	DUP	TestCode:	7420_ST	Units:	mg/L	Prep Date:	8/8/2002	Run ID:	AA2_020813C												
Client ID:	S71-2	Batch ID:	10178	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	8/13/2002	SeqNo:	317701												
Analyte		Result		PQL		SPK value		SPK Ref Val		%REC		LowLimit		HighLimit		RPD Ref Val		%RPD		RPDLimit		Qual	

Lead		99.42		2.0		0		0		0		0		0		98.92		0.511		30	
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Sample ID	057898-074ADUP	SampType:	DUP	TestCode:	7420_ST	Units:	mg/L	Prep Date:	8/8/2002	Run ID:	AA2_020813C												
Client ID:	S77-1	Batch ID:	10178	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	8/13/2002	SeqNo:	317716												
Analyte		Result		PQL		SPK value		SPK Ref Val		%REC		LowLimit		HighLimit		RPD Ref Val		%RPD		RPDLimit		Qual	

Lead		152.7		4.0		0		0		0		0		0		155.5		1.79		30	
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**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values

**Diane**

---

**From:** Chris King [king@geoconinc.com]**Sent:** Tuesday, August 06, 2002 2:43 PM**To:** 'Diane'

Please rerun the WET-Citric tests for the following samples per our telephone conversation: s59-2, s67-s, s67-3, s71-1, s71-2, s71-3, s72-3, s73-1, s73-2, s73-3, s77-s, s77-1. The correlation between total lead and soluble lead was very low for these. Thank you.

Christopher S. King  
Senior Staff Engineer  
Geocon Consultants, Inc.

8/6/2002

July 29, 2002

**AUG 05 2002**

Chris King  
Geocon Environmental  
6970 Flanders Drive  
San Diego, CA 92121  
TEL: (858) 558-6100  
FAX: (858) 558-8437

RE: Rte 5 South, 09100-06-49

Attention: Chris King

ELAP No.: 1838

NELAP No.: 02107CA

Workorder No.: 057937

Enclosed are the results for sample(s) received on July 15, 2002 by Advanced Technology Laboratories and tested for the parameters indicated in the enclosed chain of custody.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (562)989-4045 if I can be of further assistance to your company.

Sincerely,

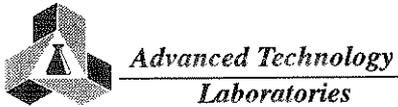


Eddie F. Rodriguez  
Laboratory Director

This cover letter is an integral part of this analytical report.



# CHAIN OF CUSTODY RECORD



**Advanced Technology Laboratories**  
 3275 Walnut Avenue  
 Signal Hill, CA 90807  
 (562) 989-4045 • FAX (562) 989-4040

## FOR LABORATORY USE ONLY:

P.O.#: _____	Method of Transport Walk-in <input type="checkbox"/> Courier <input type="checkbox"/> UPS <input type="checkbox"/> FED. EXP. <input type="checkbox"/> ATL <input checked="" type="checkbox"/>	Sample Condition Upon Receipt 1. CHILLED Y <input type="checkbox"/> N <input checked="" type="checkbox"/> 4. SEALED Y <input type="checkbox"/> N <input checked="" type="checkbox"/> 2. HEADSPACE (VOA) Y <input type="checkbox"/> N <input type="checkbox"/> 5. # OF SPLS MATCH COC Y <input checked="" type="checkbox"/> N <input type="checkbox"/> 3. CONTAINER INTACT Y <input checked="" type="checkbox"/> N <input type="checkbox"/> 6. PRESERVED Y <input type="checkbox"/> N <input type="checkbox"/>
Logged By: <u>[Signature]</u> Date: <u>7/15/02</u> Time: _____		

Client: <b>GEOCON ENVIRONMENTAL - SAN DIEGO</b>	Address: 6970 Flanders Drive	TEL: ( 858 ) 558-6100
Attn: <u>Chris King</u>	City San Diego State CA Zip Code 92121	FAX: ( 858 ) 558-8437

Project Name: <u>P55 South</u>	Project #: <u>09100-06-49</u>	Sampler: <u>CCB/GCA</u>	(Signature) <u>[Signature]</u>
Relinquished by: (Signature and Printed Name) <u>CHAD BEAR</u>	Date: <u>7-15-02</u> Time: <u>6:00p</u>	Received by: (Signature and Printed Name) <u>WJ</u>	Date: <u>7-15-02</u> Time: <u>6:00p</u>
Relinquished by: (Signature and Printed Name) <u>WJ</u>	Date: <u>7-15-02</u> Time: <u>6:40p</u>	Received by: (Signature and Printed Name) <u>872</u>	Date: <u>7-15-02</u> Time: <u>6:35p</u>
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: <u>Chris King</u> <u>7/15/02</u> Print Name Date <u>[Signature]</u> Signature	Send Report To: Attn: _____ Co: _____ Address: _____ City _____ State _____ Zip _____	Bill To: Attn: _____ Co: _____ Address: _____ City _____ State _____ Zip _____	Special Instructions/Comments:  <u>SEE PAGE 2</u>
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Unless otherwise requested, all samples will be disposed 45 days after receipt.	Sample Archive/Disposal: <input type="checkbox"/> Laboratory Standard <input type="checkbox"/> Other <input type="checkbox"/> Return To: _____ * \$10.00 FEE PER HAZARDOUS SAMPLE DISPOSAL.	Circle or Add Analysis(es) Requested 8091 / 8092 (Pesticides/PCB-GC) 8280 (Volatiles-GC/MS) 8251 / 8270 (BVA-GC/MS) Metals-Total (CAC-8010 / 7000) 8015M (TPH/G/TEX) (COMBINATION) 8015M (TPH/D) (Diesel-GC) <u>TOTAL LEAD</u>
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ITEM	LAB USE ONLY:		Sample Description				CIRCLE APPROPRIATE MATRIX										PRESERVATION	REMARKS								
	Batch #:	Lab No.	Sample I.D.	Date	Time	8091 / 8092 (Pesticides/PCB-GC)	8280 (Volatiles-GC/MS)	8251 / 8270 (BVA-GC/MS)	Metals-Total (CAC-8010 / 7000)	8015M (TPH/G/TEX) (COMBINATION)	8015M (TPH/D) (Diesel-GC)	SOLIDS • SOILS • SLUDGE	OIL • SOLVENT • LIQUID	WATER • WASTEWATER	DRINKING WATER	AIR			WIPE • FILTER	OTHER	TAT	#	Type			
		057937-001	S-81-5	7/15/02	923							X														
		002	S-81-1		928																					
		3	S81-2		930																					
		4	S81-3		934																					
		5	S82-5		925																					
		6	S82-1		929																					
		7	S82-2		933																					
		8	S82-3		937																					
		9	S83-5		953																					
		10	S83-1		957																					

• TAT starts 8 a.m. following day if samples received after 5 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 <sub>3</sub> S=H <sub>2</sub> SO <sub>4</sub> C=4°C Z=Zn(AC) <sub>2</sub> O=NaOH T=Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub>
Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal						



# CHAIN OF CUSTODY RECORD



## FOR LABORATORY USE ONLY:

P.O.#: \_\_\_\_\_

Method of Transport: Walk-in  Courier  UPS  FED. EXP.  ATL

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

Logged By: [Signature] Date: 7-15-02 Time: \_\_\_\_\_

Client: **GEOCON ENVIRONMENTAL - SAN DIEGO** Address: 6970 Flanders Drive City: San Diego State: CA Zip Code: 92121 TEL: ( 858 ) 558-6100  
 Attn: Chris King FAX: ( 858 ) 558-8437

Project Name: Rt 5 South Project #: 09100-06-49 Sampler: CB/GCA (Printed Name) \_\_\_\_\_ (Signature) \_\_\_\_\_  
 Relinquished by: [Signature] Date: 7-15-02 Time: 6:00p Received by: [Signature] Date: 7-15-02 Time: 6:00p  
 Relinquished by: [Signature] Date: 7-15-02 Time: 6:40p Received by: [Signature] Date: 7-15-02 Time: 6:30  
 Relinquished by: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_ Received by: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

I hereby authorize ATL to perform the work indicated below:  
 Project Mgr /Submitter: Chris King 7/15/02 (Print Name) \_\_\_\_\_ (Date) \_\_\_\_\_ (Signature) [Signature]  
 Send Report To: Attn: [Signature] Co: Client Address: \_\_\_\_\_ City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_  
 Bill To: Attn: \_\_\_\_\_ Co: Client Address: \_\_\_\_\_ City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_  
 Special Instructions/Comments: For Inspections (see Diags)

Unless otherwise requested, all samples will be disposed 45 days after receipt.

Sample Archive/Disposal:  
 Laboratory Standard  
 Other \_\_\_\_\_  
 Return To: \_\_\_\_\_  
 \* \$10.00 FEE PER HAZARDOUS SAMPLE DISPOSAL.

Circle or Add Analysis(es) Requested: 7-15-02

CIRCLE APPROPRIATE MATRIX: SOLID • SOIL • SLUDGE, OIL • SOLVENT • LIQUID, WATER • WASTEWATER, DRINKING WATER, AIR, WIPE • FILTER, OTHER

QA/QC: RTNE  RWQCB  WIP  NAVY  CT  OTHER \_\_\_\_\_

ITEM	LAB USE ONLY:		Sample Description				Container(s)	TAT	#	Type	PRESERVATION	REMARKS
	Batch #:	Lab No.	Sample I.D.	Date	Time							
		21	586-5	7/15/02	1031				E	1	J	G
		22	586-1		1025				X	X	X	X
		23	586-2		1029							
		24	587-5		1032							
		25	587-1		1038							
		26	587-2		1042							
		27	587-3		1046							
		28	588-5		1037							
		29	588-1		1043							
		30	588-2		1048							

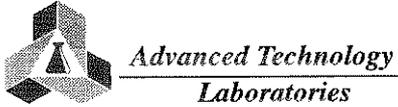
• TAT starts 8 a.m. following day if samples received after 5 p.m.

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<sub>3</sub> S=H<sub>2</sub>SO<sub>4</sub> C=4°C Z=Zn(Ac)<sub>2</sub> O=NaOH T=Na<sub>2</sub>S<sub>2</sub>O<sub>3</sub>

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

# CHAIN OF CUSTODY RECORD



3275 Walnut Avenue  
Signal Hill, CA 90807  
(562) 989-4045 • FAX (562) 989-4040

## FOR LABORATORY USE ONLY:

P.O.#: _____	Method of Transport: Walk-in <input type="checkbox"/> Courier <input type="checkbox"/> UPS <input type="checkbox"/> FED. EXP. <input type="checkbox"/> ATL <input checked="" type="checkbox"/>	Sample Condition Upon Receipt: 1. CHILLED Y <input type="checkbox"/> N <input checked="" type="checkbox"/> 4. SEALED Y <input type="checkbox"/> N <input checked="" type="checkbox"/> 2. HEADSPACE (VOA) Y <input checked="" type="checkbox"/> N <input type="checkbox"/> 5. # OF SPLS MATCH COC Y <input checked="" type="checkbox"/> N <input type="checkbox"/> 3. CONTAINER INTACT Y <input type="checkbox"/> N <input checked="" type="checkbox"/> 6. PRESERVED Y <input type="checkbox"/> N <input checked="" type="checkbox"/>
Logged By: <u>[Signature]</u>	Date: <u>7-15-02</u> Time: _____	

Client: <b>GEOCON ENVIRONMENTAL - SAN DIEGO</b>	Address: 6970 Flanders Drive	TEL: ( 858 ) 558-6100
Attn: <u>Whitzing</u>	City: San Diego State: CA Zip Code: 92121	FAX: ( 858 ) 558-8437

Project Name: <u>RTS South</u>	Project #: <u>09100-06-49</u>	Sampler: <u>CG13-GCA</u> (Printed Name)	(Signature)
Relinquished by: <u>[Signature]</u> (Signature and Printed Name)	Date: <u>7-15-02</u> Time: <u>6:00p</u>	Received by: <u>[Signature]</u> (Signature and Printed Name)	Date: <u>7-15-02</u> Time: <u>6:00p</u>
Relinquished by: <u>[Signature]</u> (Signature and Printed Name)	Date: <u>7-15-02</u> Time: <u>6:40p</u>	Received by: <u>[Signature]</u> (Signature and Printed Name)	Date: <u>7-15-02</u> Time: <u>6:35p</u>
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: <u>[Signature]</u> <u>7-15-02</u> Print Name Date	Send Report To: Attn: _____ Co: <u>Client</u> Address: _____ City _____ State _____ Zip _____	Bill To: Attn: _____ Co: <u>Client</u> Address: _____ City _____ State _____ Zip _____	Special Instructions/Comments: <u>See PAGE 2</u>
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Unless otherwise requested, all samples will be disposed 45 days after receipt.

Sample Archive/Disposal:  
 Laboratory Standard  
 Other  
 Return To: \_\_\_\_\_

\* \$10.00 FEE PER HAZARDOUS SAMPLE DISPOSAL.

Circle or Add Analysis(es) Requested: 8091 / 8092 (Pesticides/PCB-GC) 8200 (Volatiles-GC/MS) 825 / 8270 (BVA-GC/MS) Metals: Total (CAC-6010 / 7000) 8015M TPH/G/TEX (COMBINATION) 8013M TPH/ND (Diesel-GC) <u>GC-HAL GC-MS</u>	CIRCLE APPROPRIATE MATRIX: SOLID (SOIL) SLUDGE OIL • SOLVENT • LIQUID WATER • WASTEWATER DRINKING WATER AIR WIPE • FILTER OTHER	CONTAINER(S) TAT # Type	PRESERVATION QA/QC RTNE <input type="checkbox"/> RWQCB <input type="checkbox"/> WIP <input type="checkbox"/> NAVY <input type="checkbox"/> CT <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>
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ITEM	LAB USE ONLY:		Sample Description			
	Batch #:	Sample I.D.	Date	Time	Container(s)	REMARKS
	31	588-3	7-15-02	1052	E 1 J G	
	32	589-5	*	1053	X X X	
	33	589-1		1058		
	34	589-2		1103		
	35	589-3		11:07		
	36	590-5		1059		
	37	590-1		11:03		
	38	590-2		11:07		
	39	590-3		11:11		
	40	591-5		11:10		

• TAT starts 8 a.m. following day if samples received after 5 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 <sub>3</sub> S=H <sub>2</sub> SO <sub>4</sub> C=4°C Z=Zn(AC) <sub>2</sub> O=NaOH T=Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub>
Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Teclar G=Glass P=Plastic M=Metal						





# CHAIN OF CUSTODY RECORD



**Advanced Technology  
Laboratories**

3275 Walnut Avenue  
Signal Hill, CA 90807  
(562) 989-4045 • FAX (562) 989-4040

## FOR LABORATORY USE ONLY:

P.O.#: _____	Method of Transport: Walk-in <input type="checkbox"/> Courier <input type="checkbox"/> UPS <input type="checkbox"/> FED. EXP. <input type="checkbox"/> ATL <input checked="" type="checkbox"/>	Sample Condition Upon Receipt: 1. CHILLED Y <input type="checkbox"/> N <input checked="" type="checkbox"/> 4. SEALED Y <input type="checkbox"/> N <input checked="" type="checkbox"/> 2. HEADSPACE (VOA) Y <input type="checkbox"/> N <input type="checkbox"/> 5. # OF SPLS MATCH COC Y <input checked="" type="checkbox"/> N <input type="checkbox"/> 3. CONTAINER INTACT Y <input checked="" type="checkbox"/> N <input type="checkbox"/> 6. PRESERVED Y <input type="checkbox"/> N <input checked="" type="checkbox"/>
Logged By: <u>[Signature]</u> Date: <u>7-15-02</u> Time: _____		

Client: <b>GEOCON ENVIRONMENTAL - SAN DIEGO</b>	Address: 6970 Flanders Drive	TEL: ( 858 ) 558-6100
Attn: <u>Christina</u>	City: San Diego State: CA Zip Code: 92121	FAX: ( 858 ) 558-8437

Project Name: <u>RSS-South</u>	Project #: <u>09100-06-49</u>	Sampler: <u>CGB-GCA</u> (Printed Name)	(Signature)
Relinquished by: <u>[Signature]</u> Date: <u>7-15-02</u> Time: <u>6:00p</u>	Received by: <u>[Signature]</u> Date: <u>7-15-02</u> Time: <u>6:00p</u>		
Relinquished by: <u>[Signature]</u> Date: <u>7-15-02</u> Time: <u>6:24p</u>	Received by: <u>[Signature]</u> Date: <u>7-15-02</u> Time: <u>6:35p</u>		

I hereby authorize ATL to perform the work indicated below: Project Mgr /Submitter: <u>[Signature]</u> <u>7-15-02</u> Print Name Date <u>Fal</u> Signature	Send Report To: Attn: _____ Co: <u>Client</u> Address: _____ City _____ State _____ Zip _____	Bill To: Attn: <u>[Signature]</u> Co: _____ Address: _____ City _____ State _____ Zip _____	Special Instructions/Comments: <u>See Page 1</u>
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Unless otherwise requested, all samples will be disposed 45 days after receipt.	Sample Archive/Disposal: <input type="checkbox"/> Laboratory Standard <input type="checkbox"/> Other <input type="checkbox"/> Return To: _____ * \$10.00 FEE PER HAZARDOUS SAMPLE DISPOSAL.	Circle or Add Analysis(es) Requested: <u>8091 / 8092 (Pesticides/PCB/OC)</u> <u>8230 (Volatile/OC/MS)</u> <u>823 / 8270 (BVA-GC/MS)</u> <u>Metals: Total (CAC-8010 / 7000)</u> <u>8015M TPH/GIBTEX (COMBINATION)</u> <u>8015M TPH/GIBTEX (Diesel-GC)</u> <u>TOTAL 1240 6010</u>
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ITEM	LAB USE ONLY:		Sample Description				CIRCLE APPROPRIATE MATRIX										PRESERVATION	QA/QC									
	Batch #:	Lab No.	Sample I.D.	Date	Time	8091 / 8092 (Pesticides/PCB/OC)	8230 (Volatile/OC/MS)	823 / 8270 (BVA-GC/MS)	Metals: Total (CAC-8010 / 7000)	8015M TPH/GIBTEX (COMBINATION)	8015M TPH/GIBTEX (Diesel-GC)	SOLIDS/SOL	OIL • SOLVENT • SLUDGE	WATER • LIQUID	DRINKING WATER	AIR			WIFE • FILTER	OTHER	TAT	#	Type	REMARKS			
		61	596-3	7-15-02	12:23																						
		62	597-5		12:14																						
		63	597-1		12:18																						
		64	597-2		12:23																						
		65	597-3		12:27																						
		66	598-5		12:23																						
		67	598-1		12:29																						
		68	598-2		12:34																						
		69	598-3		12:38																						
		70	599-5		12:41																						

• TAT starts 8 a.m. following day if samples received after 5 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 <sub>3</sub> S=H <sub>2</sub> SO <sub>4</sub> C=4°C Z=Zn(AC) O=NaOH T=Na <sub>2</sub> S <sub>2</sub> O <sub>8</sub>
Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal						

# CHAIN OF CUSTODY RECORD



## FOR LABORATORY USE ONLY:

P.O.#: \_\_\_\_\_

Method of Transport: Walk-in  Courier  UPS  FED. EXP.  ATL

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

Logged By: [Signature] Date: 7-15-02 Time: \_\_\_\_\_

Client: **GEOCON ENVIRONMENTAL - SAN DIEGO** Address: 6970 Flanders Drive City: San Diego State: CA Zip Code: 92121 TEL: ( 858 ) 558-6100  
 Attn: Chris King FAX: ( 858 ) 558-8437

Project Name: RIS-South Project #: 00100-06-49 Sampler: CCB/GCA (Printed Name) \_\_\_\_\_ (Signature) \_\_\_\_\_  
 Relinquished by: (Signature and Printed Name) [Signature] Date: 7-15-02 Time: 6:00p Received by: (Signature and Printed Name) [Signature] Date: 7-15-02 Time: 6:00p  
 Relinquished by: (Signature and Printed Name) [Signature] Date: 7-15-02 Time: 6:40p Received by: (Signature and Printed Name) [Signature] Date: 7-15-02 Time: 6:35p  
 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: [Signature] Date: 7-15-02 Signature: \_\_\_\_\_  
 Send Report To: Attn: \_\_\_\_\_ Co: Client Address: \_\_\_\_\_ City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_  
 Bill To: Attn: \_\_\_\_\_ Co: Client Address: \_\_\_\_\_ City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_  
 Special Instructions/Comments: SEE PAGE 1

Unless otherwise requested, all samples will be disposed 45 days after receipt.  
 Sample Archive/Disposal:  Laboratory Standard  Other \_\_\_\_\_  Return To: \_\_\_\_\_  
 \* \$10.00 FEE PER HAZARDOUS SAMPLE DISPOSAL.

Circle or Add Analysis(es) Requested	CIRCLE APPROPRIATE MATRIX								PRESERVATION	QA/QC					
	8061 / 8062 (Pesticide/PCB-GC)	8200 (V Volatiles-GC/MS)	825 / 8270 (BNA-GC/MS)	Metals: Total (CAC-8010 / T000)	8015M TPH/G/TEX (COMBINATION)	8015M TPH/D (Diesel-GC)	SOLIDS (SOIL) • SLUDGE	OIL • SOLVENT • LIQUID			WATER • WASTEWATER	AIR	WIPE • FILTER	OTHER	TAT
X							X						E	1 JG	
															X
															X

ITEM	LAB USE ONLY:		Sample Description			
	Batch #:	Lab No.	Sample I.D.	Date	Time	
	<del>599-1</del> 71		599-1	7-15-02	12:15	
	<del>599</del> 72		<del>599-2</del>		12:19	
			5100-5		12:36	
			5100-1		12:42	
			5100-8		12:47	
			5100-3		12:51	
			5101-5		12:42	
			5101-1		12:48	
			5101-2		12:53	
			<del>5102-5</del>		12:54	

• TAT starts 8 a.m. following day if samples received after 5 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<sub>3</sub> S=H<sub>2</sub>SO<sub>4</sub> C=4°C Z=Zn(AC)<sub>2</sub> O=NaOH T=Na<sub>2</sub>S<sub>2</sub>O<sub>3</sub>

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal





# CHAIN OF CUSTODY RECORD



3275 Walnut Avenue  
Signal Hill, CA 90807  
(562) 989-4045 • FAX (562) 989-4040

## FOR LABORATORY USE ONLY:

P.O.#: _____	Method of Transport Walk-in <input type="checkbox"/> Courier <input type="checkbox"/> UPS <input type="checkbox"/> FED. EXP. <input type="checkbox"/> ATL <input checked="" type="checkbox"/>	Sample Condition Upon Receipt 1. CHILLED Y <input type="checkbox"/> N <input checked="" type="checkbox"/> 4. SEALED Y <input type="checkbox"/> N <input checked="" type="checkbox"/> 2. HEADSPACE (VOA) Y <input type="checkbox"/> N <input type="checkbox"/> 5. # OF SPLS MATCH COC Y <input checked="" type="checkbox"/> N <input type="checkbox"/> 3. CONTAINER INTACT Y <input checked="" type="checkbox"/> N <input type="checkbox"/> 6. PRESERVED Y <input type="checkbox"/> N <input checked="" type="checkbox"/>
Logged By: <u>[Signature]</u>	Date: <u>7-15-02</u> Time: _____	

Client: <b>GEOCON ENVIRONMENTAL - SAN DIEGO</b>	Address: 6970 Flanders Drive	TEL: ( 858 ) 558-6100
Attn: <u>Christina</u>	City: San Diego State: CA Zip Code: 92121	FAX: ( 858 ) 558-8437

Project Name: <u>Rt 3 - South</u>	Project #: <u>09160-06-49</u>	Sampler: <u>CGB/GCA</u>	(Signature) <u>[Signature]</u>
Relinquished by: (Signature and Printed Name) <u>[Signature]</u>	Date: <u>7-15-02</u> Time: <u>6:00</u>	Received by: (Signature and Printed Name) <u>[Signature]</u>	Date: <u>7-15-02</u> Time: <u>6:00</u>
Relinquished by: (Signature and Printed Name) <u>[Signature]</u>	Date: <u>7-15-02</u> Time: <u>6:40</u>	Received by: (Signature and Printed Name) <u>[Signature]</u>	Date: <u>7-15-02</u> Time: <u>6:30</u>
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: <u>[Signature]</u> <u>7-15-02</u> Print Name Date <u>[Signature]</u> Signature	Send Report To: Attn: _____ Co: <u>Client</u> Address _____ City _____ State _____ Zip _____	Bill To: Attn: _____ Co: <u>Client</u> Address _____ City _____ State _____ Zip _____	Special Instructions/Comments: <u>SEE PAGE 1</u>
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Unless otherwise requested, all samples will be disposed 45 days after receipt.

Sample Archive/Disposal:  
 Laboratory Standard  
 Other \_\_\_\_\_  
 Return To: \_\_\_\_\_

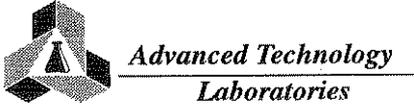
\* \$10.00 FEE PER HAZARDOUS SAMPLE DISPOSAL.

Circle or Add Analysis(es) Requested 8081 / 8082 (Pesticides/POB-GC) 8260 (Volatiles-GC/MS) 825 / 8270 (BNA-GC/MS) Metals Total (CAC-8010 / 7000) 8015M TPH/G/BTEX (COMBINATION) 8015M TPH/D (Diesel-GC) <u>TOTAL LAB GSA</u>	CIRCLE APPROPRIATE MATRIX SOLIDS • SOIL • SLUDGE OIL • SOLVENT • LIQUID WATER • WASTEWATER DRINKING WATER AIR WIPE • FILTER OTHER _____ TAT # Type	<b>QA/QC</b> PRESERVATION RTNE <input type="checkbox"/> RWQCB <input type="checkbox"/> WIP <input type="checkbox"/> NAVY <input type="checkbox"/> CT <input checked="" type="checkbox"/> OTHER _____ REMARKS
--	--	--

ITEM	LAB USE ONLY:		Sample Description			
	Batch #:	Lab No.	Sample I.D.	Date	Time	
		101	5107-3	7-15-02	1:52	
		102	5108-3		1:39	
		103	3105-01		1:43	
		104	5108-2		1:47	
		105	5108-3		1:51	

• TAT starts 8 a.m. following day if samples received after 5 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 <sub>3</sub> S=H <sub>2</sub> SO <sub>4</sub> C=4°C Z=Zn(AC) <sub>2</sub> O=NaOH T=Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub>
Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Teclar G=Glass P=Plastic M=Metal						

# CHAIN OF CUSTODY RECORD



**Advanced Technology Laboratories**  
 3275 Walnut Avenue  
 Signal Hill, CA 90807  
 (562) 989-4045 • FAX (562) 989-4040

**FOR LABORATORY USE ONLY:**

P.O.#: \_\_\_\_\_  
 Logged By: DD Date: 7-15-02 Time: \_\_\_\_\_

Method of Transport  
 Walk-in   
 Courier   
 UPS   
 FED. EXP.   
 ATL

Sample Condition Upon Receipt

1. CHILLED	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	4. SEALED	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>
2. HEADSPACE (VOA)	Y <input type="checkbox"/> N <input type="checkbox"/>	5. # OF SPLS MATCH COC	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
3. CONTAINER INTACT	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	6. PRESERVED	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>

Client: **GEOCON ENVIRONMENTAL - SAN DIEGO** Address: 6970 Flanders Drive City: San Diego State: CA Zip Code: 92121  
 Attn: Chris King TEL: ( 858 ) 558-6100 FAX: ( 858 ) 558-8437

Project Name: Pt 5 South Project #: 09100-06-49 Sampler: CB/GCA (Signature)  
 Relinquished by: Chris King Date: 7-15-02 Time: 6:00am Received by: [Signature] Date: 7-15-02 Time: 6:00am  
 Relinquished by: [Signature] Date: 7-15-02 Time: 6:40am Received by: [Signature] Date: 7-15-02 Time: 6:30am  
 Relinquished by: [Signature] Date: \_\_\_\_\_ Time: \_\_\_\_\_ Received by: [Signature] Date: \_\_\_\_\_ Time: \_\_\_\_\_

I hereby authorize ATL to perform the work indicated below:  
 Project Mgr /Submitter:  
Chris King Date: 7-15-02  
[Signature] Signature

Send Report To:  
 Attn: [Signature]  
 Co: [Signature]  
 Address: \_\_\_\_\_  
 City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Bill To:  
 Attn: [Signature]  
 Co: [Signature]  
 Address: \_\_\_\_\_  
 City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Special Instructions/Comments:  
[Signature]

Unless otherwise requested, all samples will be disposed 45 days after receipt.  
 Sample Archive/Disposal:  
 Laboratory Standard  
 Other \_\_\_\_\_  
 Return To: \_\_\_\_\_  
 \* \$10.00 FEE PER HAZARDOUS SAMPLE DISPOSAL.

Circle or Add Analysis(es) Requested	CIRCLE APPROPRIATE MATRIX										PRESERVATION	REMARKS									
	8091 / 8092 (Pesticides/PCB-GC)	8260 (Volatiles-GC/MS)	825 / 8270 (VIA-GC/MS)	Metals Total (CAC-GC/MS)	8015M TPH/G/BTEX (COMBINATION)	8015M TPH/D (Diesel-GC)	SOLID • SOIL • SLUDGE	OIL • SOLVENT • LIQUID	WATER • WASTEWATER	DRINKING WATER			AIR	WIFE • FILTER	OTHER	TAT	#	Type	RTNE <input type="checkbox"/>	RWQCB <input type="checkbox"/>	WIP <input type="checkbox"/>

ITEM	LAB USE ONLY:		Sample Description			
	Batch #:	Lab No.	Sample I.D.	Date	Time	
		106	EB-34	7-15-02	1005	
		107	EB-35		1030	
		108	EB-36		1058	
		109	EB-37		1122	
		110	EB-38		1157	
		111	EB-39		1224	
		112	EB-40		1241	
		113	EB-41		1200	
		114	EB-42		1216	
		115	EB-43		1245	

• TAT starts 8 a.m. following day if samples received after 5 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=Teclar G=Glass P=Plastic M=Metal

Preservatives: H=Hcl N=HNO<sub>3</sub> S=H<sub>2</sub>SO<sub>4</sub> C=4°C  
 Z=Zn(AC)<sub>2</sub> O=NaOH T=Na<sub>2</sub>S<sub>2</sub>O<sub>3</sub>



# Advanced Technology Laboratories

Date: 7/29/2002

## LEAD BY ICP EPA 6010B

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057937
<b>Project:</b>	Rte 5 South, 09100-06-49	<b>Date Received:</b>	7/15/2002 6:35:0
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	RQ

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057937-001A	S-81-S	470	mg/Kg	9615	5	1	7/15/2002	7/19/2002
057937-002A	S-81-1	30	mg/Kg	9615	5	1	7/15/2002	7/19/2002
057937-003A	S81-2	72	mg/Kg	9615	5	1	7/15/2002	7/19/2002
057937-004A	S81-3	9.8	mg/Kg	9615	5	1	7/15/2002	7/19/2002
057937-005A	S82-S	710	mg/Kg	9615	5	1	7/15/2002	7/19/2002
057937-006A	S82-1	180	mg/Kg	9615	5	1	7/15/2002	7/19/2002
057937-007A	S82-2	170	mg/Kg	9615	5	1	7/15/2002	7/19/2002
057937-008A	S82-3	160	mg/Kg	9615	5	1	7/15/2002	7/19/2002
057937-009A	S83-S	720	mg/Kg	9615	5	1	7/15/2002	7/19/2002
057937-010A	S83-1	350	mg/Kg	9615	5	1	7/15/2002	7/19/2002
057937-011A	S83-2	54	mg/Kg	9615	5	1	7/15/2002	7/19/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
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	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified

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**Advanced Technology Laboratories**

Date: 7/29/2002

**LEAD BY ICP  
EPA 6010B**

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057937
<b>Project:</b>	Rte 5 South, 09100-06-49	<b>Date Received:</b>	7/15/2002 6:35:0
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	RQ

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057937-012A	S83-3	31	mg/Kg	9615	5	1	7/15/2002	7/19/2002
057937-013A	S84-S	1400	mg/Kg	9615	5	1	7/15/2002	7/19/2002
057937-014A	S84-1	560	mg/Kg	9615	5	1	7/15/2002	7/19/2002
057937-015A	S84-2	210	mg/Kg	9615	5	1	7/15/2002	7/19/2002
057937-016A	S84-3	420	mg/Kg	9615	5	1	7/15/2002	7/19/2002
057937-017A	S85-S	450	mg/Kg	9615	5	1	7/15/2002	7/19/2002
057937-018A	S85-1	780	mg/Kg	9615	5	1	7/15/2002	7/19/2002
057937-019A	S85-2	1800	mg/Kg	9615	5	1	7/15/2002	7/19/2002
057937-020A	S85-3	500	mg/Kg	9615	5	1	7/15/2002	7/19/2002
057937-021A	S86-S	260	mg/Kg	9616	5	1	7/15/2002	7/19/2002
057937-022A	S86-1	480	mg/Kg	9616	5	1	7/15/2002	7/19/2002

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**Advanced Technology Laboratories**

Date: 7/29/2002

**LEAD BY ICP  
EPA 6010B**

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057937
<b>Project:</b>	Rte 5 South, 09100-06-49	<b>Date Received:</b>	7/15/2002 6:35:0
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	RQ

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057937-023A	S86-2	750	mg/Kg	9616	5	1	7/15/2002	7/19/2002
057937-024A	S87-S	1000	mg/Kg	9616	5	1	7/15/2002	7/19/2002
057937-025A	S87-1	390	mg/Kg	9616	5	1	7/15/2002	7/19/2002
057937-026A	S87-2	100	mg/Kg	9616	5	1	7/15/2002	7/19/2002
057937-027A	S87-3	22	mg/Kg	9616	5	1	7/15/2002	7/19/2002
057937-028A	S88-S	1100	mg/Kg	9616	5	1	7/15/2002	7/19/2002
057937-029A	S88-1	1100	mg/Kg	9616	5	1	7/15/2002	7/19/2002
057937-030A	S88-2	1100	mg/Kg	9616	5	1	7/15/2002	7/19/2002
057937-031A	S88-3	550	mg/Kg	9616	5	1	7/15/2002	7/19/2002
057937-032A	S89-S	270	mg/Kg	9616	5	1	7/15/2002	7/19/2002
057937-033A	S89-1	560	mg/Kg	9616	5	1	7/15/2002	7/19/2002

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**Advanced Technology Laboratories**

Date: 7/29/2002

**LEAD BY ICP  
EPA 6010B**

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057937
<b>Project:</b>	Rte 5 South, 09100-06-49	<b>Date Received:</b>	7/15/2002 6:35:0
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	RQ

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057937-034A	S89-2	47	mg/Kg	9616	5	1	7/15/2002	7/19/2002
057937-035A	S89-3	100	mg/Kg	9616	5	1	7/15/2002	7/19/2002
057937-036A	S90-S	240	mg/Kg	9616	5	1	7/15/2002	7/19/2002
057937-037A	S90-1	100	mg/Kg	9616	5	1	7/15/2002	7/19/2002
057937-038A	S90-2	1500	mg/Kg	9616	5	1	7/15/2002	7/19/2002
057937-039A	S90-3	120	mg/Kg	9616	5	1	7/15/2002	7/19/2002
057937-040A	S91-S	530	mg/Kg	9616	5	1	7/15/2002	7/19/2002
057937-041A	S91-1	650	mg/Kg	9617	5	1	7/15/2002	7/19/2002
057937-042A	S91-2	48	mg/Kg	9617	5	1	7/15/2002	7/19/2002
057937-043A	S91-3	89	mg/Kg	9617	5	1	7/15/2002	7/19/2002
057937-044A	S92-S	410	mg/Kg	9617	5	1	7/15/2002	7/19/2002

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**Advanced Technology Laboratories**

Date: 7/29/2002

**LEAD BY ICP  
EPA 6010B**

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057937
<b>Project:</b>	Rte 5 South, 09100-06-49	<b>Date Received:</b>	7/15/2002 6:35:0
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	RQ

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057937-045A	S92-1	90	mg/Kg	9617	5	1	7/15/2002	7/19/2002
057937-046A	S92-2	250	mg/Kg	9617	5	1	7/15/2002	7/19/2002
057937-047A	S92-3	360	mg/Kg	9617	5	1	7/15/2002	7/19/2002
057937-048A	S93-S	940	mg/Kg	9617	5	1	7/15/2002	7/19/2002
057937-049A	S93-1	870	mg/Kg	9617	5	1	7/15/2002	7/19/2002
057937-050A	S93-2	69	mg/Kg	9617	5	1	7/15/2002	7/19/2002
057937-051A	S94-S	1100	mg/Kg	9617	5	1	7/15/2002	7/19/2002
057937-052A	S94-1	690	mg/Kg	9617	5	1	7/15/2002	7/19/2002
057937-053A	S94-2	750	mg/Kg	9617	5	1	7/15/2002	7/19/2002
057937-054A	S95-S	500	mg/Kg	9617	5	1	7/15/2002	7/19/2002
057937-055A	S95-1	620	mg/Kg	9617	5	1	7/15/2002	7/19/2002

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# Advanced Technology Laboratories

Date: 7/29/2002

## LEAD BY ICP EPA 6010B

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057937
<b>Project:</b>	Rte 5 South, 09100-06-49	<b>Date Received:</b>	7/15/2002 6:35:0
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	RQ

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057937-056A	S95-2	140	mg/Kg	9617	5	1	7/15/2002	7/19/2002
057937-057A	S95-3	230	mg/Kg	9617	5	1	7/15/2002	7/19/2002
057937-058A	S96-S	670	mg/Kg	9617	5	1	7/15/2002	7/19/2002
057937-059A	S96-1	19	mg/Kg	9617	5	1	7/15/2002	7/19/2002
057937-060A	S96-2	180	mg/Kg	9617	5	1	7/15/2002	7/19/2002
057937-061A	S96-3	34	mg/Kg	9618	5	1	7/15/2002	7/19/2002
057937-062A	S97-S	170	mg/Kg	9618	5	1	7/15/2002	7/19/2002
057937-063A	S97-1	290	mg/Kg	9618	5	1	7/15/2002	7/19/2002
057937-064A	S97-2	120	mg/Kg	9618	5	1	7/15/2002	7/19/2002
057937-065A	S97-3	110	mg/Kg	9618	5	1	7/15/2002	7/19/2002
057937-066A	S98-S	270	mg/Kg	9618	5	1	7/15/2002	7/19/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
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**LEAD BY ICP  
EPA 6010B**

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057937
<b>Project:</b>	Rte 5 South, 09100-06-49	<b>Date Received:</b>	7/15/2002 6:35:0
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	RQ

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057937-067A	S98-1	1500	mg/Kg	9618	5	1	7/15/2002	7/19/2002
057937-068A	S98-2	91	mg/Kg	9618	5	1	7/15/2002	7/19/2002
057937-069A	S98-3	55	mg/Kg	9618	5	1	7/15/2002	7/19/2002
057937-070A	S99-S	1900	mg/Kg	9618	5	1	7/15/2002	7/19/2002
057937-071A	S99-1	1600	mg/Kg	9618	5	1	7/15/2002	7/19/2002
057937-072A	S99-2	620	mg/Kg	9618	5	1	7/15/2002	7/19/2002
057937-073A	S100-S	610	mg/Kg	9618	5	1	7/15/2002	7/19/2002
057937-074A	S100-1	88	mg/Kg	9618	5	1	7/15/2002	7/19/2002
057937-075A	S100-2	60	mg/Kg	9618	5	1	7/15/2002	7/19/2002
057937-076A	S100-3	220	mg/Kg	9618	5	1	7/15/2002	7/19/2002
057937-077A	S101-S	250	mg/Kg	9618	5	1	7/15/2002	7/19/2002

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<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057937
<b>Project:</b>	Rte 5 South, 09100-06-49	<b>Date Received:</b>	7/15/2002 6:35:0
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	RQ

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057937-078A	S101-1	43	mg/Kg	9618	5	1	7/15/2002	7/19/2002
057937-079A	S101-2	34	mg/Kg	9618	5	1	7/15/2002	7/19/2002
057937-080A	S102-S	560	mg/Kg	9618	5	1	7/15/2002	7/19/2002
057937-081A	S102-1	710	mg/Kg	9619	5	1	7/15/2002	7/19/2002
057937-082A	S102-2	220	mg/Kg	9619	5	1	7/15/2002	7/19/2002
057937-083A	S102-3	140	mg/Kg	9619	5	1	7/15/2002	7/19/2002
057937-084A	S103-S	1900	mg/Kg	9619	5	1	7/15/2002	7/19/2002
057937-085A	S103-1	330	mg/Kg	9619	5	1	7/15/2002	7/19/2002
057937-086A	S103-2	81	mg/Kg	9619	5	1	7/15/2002	7/19/2002
057937-087A	S104-S	910	mg/Kg	9619	5	1	7/15/2002	7/19/2002
057937-088A	S101-1	1000	mg/Kg	9619	5	1	7/15/2002	7/19/2002

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**Advanced Technology Laboratories**

Date: 7/29/2002

**LEAD BY ICP  
EPA 6010B**

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057937
<b>Project:</b>	Rte 5 South, 09100-06-49	<b>Date Received:</b>	7/15/2002 6:35:0
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	RQ

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057937-089A	S104-2	170	mg/Kg	9619	5	1	7/15/2002	7/19/2002
057937-090A	S104-3	170	mg/Kg	9619	5	1	7/15/2002	7/19/2002
057937-091A	S105-S	1400	mg/Kg	9619	5	1	7/15/2002	7/19/2002
057937-092A	S105-1	2500	mg/Kg	9619	5	1	7/15/2002	7/19/2002
057937-093A	S105-2	180	mg/Kg	9619	5	1	7/15/2002	7/19/2002
057937-094A	S106-S	730	mg/Kg	9619	5	1	7/15/2002	7/19/2002
057937-095A	S106-1	2300	mg/Kg	9619	5	1	7/15/2002	7/19/2002
057937-096A	S106-2	240	mg/Kg	9619	5	1	7/15/2002	7/19/2002
057937-097A	S106-3	390	mg/Kg	9619	5	1	7/15/2002	7/19/2002
057937-098A	S107-S	320	mg/Kg	9619	5	1	7/15/2002	7/19/2002
057937-099A	S107-1	240	mg/Kg	9619	5	1	7/15/2002	7/19/2002

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Date: 7/29/2002

**LEAD BY ICP  
EPA 6010B**

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057937
<b>Project:</b>	Rte 5 South, 09100-06-49	<b>Date Received:</b>	7/15/2002 6:35:0
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	RQ

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057937-100A	S107-2	290	mg/Kg	9619	5	1	7/15/2002	7/19/2002
057937-101A	S107-3	180	mg/Kg	9620	5	1	7/15/2002	7/19/2002
057937-102A	S108-S	590	mg/Kg	9620	5	1	7/15/2002	7/19/2002
057937-103A	S108-1	150	mg/Kg	9620	5	1	7/15/2002	7/19/2002
057937-104A	S108-2	320	mg/Kg	9620	5	1	7/15/2002	7/19/2002
057937-105A	S108-3	74	mg/Kg	9620	5	1	7/15/2002	7/19/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



ICP METALS  
EPA 6010B

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057937
<b>Project:</b>	Rte 5 South, 09100-06-49	<b>Date Received:</b>	7/15/2002 6:35:0
<b>Project No:</b>		<b>Matrix:</b>	Water
<b>PO No:</b>		<b>Analyst:</b>	RQ

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057937-106A	EB-34	0.0062	mg/L	9645	0.005	1	7/15/2002	7/18/2002
057937-107A	EB-35	ND	mg/L	9645	0.005	1	7/15/2002	7/18/2002
057937-108A	EB-36	ND	mg/L	9645	0.005	1	7/15/2002	7/18/2002
057937-109A	EB-37	ND	mg/L	9645	0.005	1	7/15/2002	7/18/2002
057937-110A	EB-38	0.0068	mg/L	9842	0.005	1	7/15/2002	7/25/2002
057937-110A	EB-38	0.22	mg/L	9645	0.005	1	7/15/2002	7/18/2002
057937-111A	EB-39	ND	mg/L	9645	0.005	1	7/15/2002	7/18/2002
057937-112A	EB-40	ND	mg/L	9645	0.005	1	7/15/2002	7/18/2002
057937-113A	EB-41	ND	mg/L	9645	0.005	1	7/15/2002	7/18/2002
057937-114A	EB-42	0.010	mg/L	9645	0.005	1	7/15/2002	7/18/2002
057937-115A	EB-43	ND	mg/L	9645	0.005	1	7/15/2002	7/18/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



ICP METALS  
EPA 6010B

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057937
<b>Project:</b>	Rte 5 South, 09100-06-49	<b>Date Received:</b>	7/15/2002 6:35:0
<b>Project No:</b>		<b>Matrix:</b>	Water
<b>PO No:</b>		<b>Analyst:</b>	RQ

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057937-116A	EB-44	0.0086	mg/L	9646	0.005	1	7/15/2002	7/18/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



pH  
EPA 9045C

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057937
<b>Project:</b>	Rte 5 South, 09100-06-49	<b>Date Received:</b>	7/15/2002 6:35:0
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	JT

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057937-001A	S-81-S	8.52	pH Units	R19558	0.1	1	7/15/2002	7/19/2002
057937-010A	S83-1	7.29	pH Units	R19558	0.1	1	7/15/2002	7/19/2002
057937-020A	S85-3	7.19	pH Units	R19558	0.1	1	7/15/2002	7/19/2002
057937-030A	S88-2	7.44	pH Units	R19558	0.1	1	7/15/2002	7/19/2002
057937-040A	S91-S	7.56	pH Units	R19558	0.1	1	7/15/2002	7/19/2002
057937-050A	S93-2	7.86	pH Units	R19558	0.1	1	7/15/2002	7/19/2002
057937-060A	S96-2	8.45	pH Units	R19559	0.1	1	7/15/2002	7/19/2002
057937-070A	S99-S	6.99	pH Units	R19559	0.1	1	7/15/2002	7/19/2002
057937-080A	S102-S	7.50	pH Units	R19559	0.1	1	7/15/2002	7/19/2002
057937-090A	S104-3	7.11	pH Units	R19559	0.1	1	7/15/2002	7/19/2002
057937-100A	S107-2	7.67	pH Units	R19559	0.1	1	7/15/2002	7/19/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



**LEAD BY ATOMIC ABSORPTION  
WET/ EPA 7420**

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057937
<b>Project:</b>	Rte 5 South, 09100-06-49	<b>Date Received:</b>	7/15/2002 6:35:0
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	NS

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057937-001A	S-81-S	51	mg/L	9786	2	10	7/15/2002	7/28/2002
057937-003A	S81-2	5.5	mg/L	9786	0.2	1	7/15/2002	7/28/2002
057937-005A	S82-S	70	mg/L	9786	2	10	7/15/2002	7/28/2002
057937-006A	S82-1	14	mg/L	9786	0.4	2	7/15/2002	7/28/2002
057937-007A	S82-2	13	mg/L	9786	0.4	2	7/15/2002	7/28/2002
057937-008A	S82-3	8.3	mg/L	9786	0.2	1	7/15/2002	7/28/2002
057937-009A	S83-S	63	mg/L	9786	2	10	7/15/2002	7/28/2002
057937-010A	S83-1	26	mg/L	9786	0.8	4	7/15/2002	7/28/2002
057937-011A	S83-2	3.9	mg/L	9786	0.2	1	7/15/2002	7/28/2002
057937-014A	S84-1	52	mg/L	9786	2	10	7/15/2002	7/28/2002
057937-015A	S84-2	15	mg/L	9787	0.4	2	7/15/2002	7/28/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



LEAD BY ATOMIC ABSORPTION  
WET/ EPA 7420

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057937
<b>Project:</b>	Rte 5 South, 09100-06-49	<b>Date Received:</b>	7/15/2002 6:35:0
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	NS

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057937-016A	S84-3	25	mg/L	9787	0.8	4	7/15/2002	7/28/2002
057937-017A	S85-S	34	mg/L	9787	0.8	4	7/15/2002	7/28/2002
057937-018A	S85-1	91	mg/L	9787	2	10	7/15/2002	7/28/2002
057937-020A	S85-3	43	mg/L	9787	2	10	7/15/2002	7/28/2002
057937-021A	S86-S	26	mg/L	9787	0.8	4	7/15/2002	7/28/2002
057937-022A	S86-1	55	mg/L	9787	2	10	7/15/2002	7/28/2002
057937-023A	S86-2	88	mg/L	9787	2	10	7/15/2002	7/28/2002
057937-025A	S87-1	35	mg/L	9787	0.8	4	7/15/2002	7/28/2002
057937-026A	S87-2	4.4	mg/L	9787	0.2	1	7/15/2002	7/28/2002
057937-031A	S88-3	54	mg/L	9787	2	10	7/15/2002	7/28/2002
057937-032A	S89-S	50	mg/L	9787	2	10	7/15/2002	7/28/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



LEAD BY ATOMIC ABSORPTION  
WET/ EPA 7420

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057937
<b>Project:</b>	Rte 5 South, 09100-06-49	<b>Date Received:</b>	7/15/2002 6:35:0
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	NS

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057937-033A	S89-1	62	mg/L	9787	2	10	7/15/2002	7/28/2002
057937-035A	S89-3	6.6	mg/L	9787	0.2	1	7/15/2002	7/28/2002
057937-036A	S90-S	16	mg/L	9787	0.4	2	7/15/2002	7/28/2002
057937-037A	S90-1	7.9	mg/L	9787	0.2	1	7/15/2002	7/28/2002
057937-039A	S90-3	12	mg/L	9787	0.4	2	7/15/2002	7/28/2002
057937-040A	S91-S	83	mg/L	9787	2	10	7/15/2002	7/28/2002
057937-041A	S91-1	62	mg/L	9787	2	10	7/15/2002	7/28/2002
057937-043A	S91-3	1.7	mg/L	9787	0.2	1	7/15/2002	7/28/2002
057937-044A	S92-S	43	mg/L	9788	1.6	8	7/15/2002	7/27/2002
057937-045A	S92-1	5.8	mg/L	9788	0.2	1	7/15/2002	7/27/2002
057937-046A	S92-2	28	mg/L	9788	0.8	4	7/15/2002	7/27/2002

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	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



**LEAD BY ATOMIC ABSORPTION  
WET/ EPA 7420**

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057937
<b>Project:</b>	Rte 5 South, 09100-06-49	<b>Date Received:</b>	7/15/2002 6:35:0
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	NS

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057937-047A	S92-3	29	mg/L	9788	0.8	4	7/15/2002	7/27/2002
057937-048A	S93-S	43	mg/L	9788	1.6	8	7/15/2002	7/27/2002
057937-049A	S93-1	95	mg/L	9788	3.2	16	7/15/2002	7/27/2002
057937-050A	S93-2	5.5	mg/L	9788	0.2	1	7/15/2002	7/27/2002
057937-052A	S94-1	49	mg/L	9788	1.6	8	7/15/2002	7/27/2002
057937-053A	S94-2	63	mg/L	9788	1.6	8	7/15/2002	7/27/2002
057937-054A	S95-S	25	mg/L	9788	0.8	4	7/15/2002	7/27/2002
057937-055A	S95-1	57	mg/L	9788	1.6	8	7/15/2002	7/27/2002
057937-056A	S95-2	8.2	mg/L	9788	0.2	1	7/15/2002	7/27/2002
057937-057A	S95-3	14	mg/L	9788	0.4	2	7/15/2002	7/27/2002
057937-058A	S96-S	29	mg/L	9788	0.8	4	7/15/2002	7/27/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



LEAD BY ATOMIC ABSORPTION  
WET/ EPA 7420

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057937
<b>Project:</b>	Rte 5 South, 09100-06-49	<b>Date Received:</b>	7/15/2002 6:35:0
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	NS

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057937-060A	S96-2	13	mg/L	9788	0.4	2	7/15/2002	7/27/2002
057937-062A	S97-S	11	mg/L	9788	0.4	2	7/15/2002	7/27/2002
057937-063A	S97-1	17	mg/L	9788	0.4	2	7/15/2002	7/27/2002
057937-064A	S97-2	12	mg/L	9788	0.4	2	7/15/2002	7/27/2002
057937-065A	S97-3	4.5	mg/L	9788	0.2	1	7/15/2002	7/27/2002
057937-066A	S98-S	19	mg/L	9788	0.4	2	7/15/2002	7/27/2002
057937-068A	S98-2	2.0	mg/L	9789	0.2	1	7/15/2002	7/27/2002
057937-069A	S98-3	3.4	mg/L	9789	0.2	1	7/15/2002	7/27/2002
057937-072A	S99-2	51	mg/L	9789	1.6	8	7/15/2002	7/27/2002
057937-073A	S100-S	67	mg/L	9789	1.6	8	7/15/2002	7/27/2002
057937-074A	S100-1	7.1	mg/L	9789	0.2	1	7/15/2002	7/27/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



LEAD BY ATOMIC ABSORPTION  
WET/ EPA 7420

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057937
<b>Project:</b>	Rte 5 South, 09100-06-49	<b>Date Received:</b>	7/15/2002 6:35:0
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	NS

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057937-075A	S100-2	2.9	mg/L	9789	0.2	1	7/15/2002	7/27/2002
057937-076A	S100-3	21	mg/L	9789	0.8	4	7/15/2002	7/27/2002
057937-077A	S101-S	27	mg/L	9789	0.8	4	7/15/2002	7/27/2002
057937-080A	S102-S	67	mg/L	9789	1.6	8	7/15/2002	7/27/2002
057937-081A	S102-1	78	mg/L	9789	1.6	8	7/15/2002	7/27/2002
057937-082A	S102-2	17	mg/L	9789	0.4	2	7/15/2002	7/27/2002
057937-083A	S102-3	15	mg/L	9789	0.4	2	7/15/2002	7/27/2002
057937-085A	S103-1	14	mg/L	9789	0.4	2	7/15/2002	7/27/2002
057937-086A	S103-2	7.1	mg/L	9789	0.2	1	7/15/2002	7/27/2002
057937-087A	S104-S	73	mg/L	9789	1.6	8	7/15/2002	7/27/2002
057937-089A	S104-2	6.2	mg/L	9789	0.2	1	7/15/2002	7/27/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



**LEAD BY ATOMIC ABSORPTION  
WET/ EPA 7420**

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057937
<b>Project:</b>	Rte 5 South, 09100-06-49	<b>Date Received:</b>	7/15/2002 6:35:0
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	NS

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057937-090A	S104-3	18	mg/L	9789	0.4	2	7/15/2002	7/27/2002
057937-093A	S105-2	23	mg/L	9789	0.8	4	7/15/2002	7/27/2002
057937-094A	S106-S	72	mg/L	9789	1.6	8	7/15/2002	7/27/2002
057937-096A	S106-2	26	mg/L	9789	0.8	4	7/15/2002	7/27/2002
057937-097A	S106-3	32	mg/L	9790	0.8	4	7/15/2002	7/27/2002
057937-098A	S107-S	29	mg/L	9790	0.8	4	7/15/2002	7/27/2002
057937-099A	S107-1	14	mg/L	9790	0.4	2	7/15/2002	7/27/2002
057937-100A	S107-2	17	mg/L	9790	0.4	2	7/15/2002	7/27/2002
057937-101A	S107-3	16	mg/L	9790	0.4	2	7/15/2002	7/27/2002
057937-102A	S108-S	43	mg/L	9790	1	5	7/15/2002	7/27/2002
057937-103A	S108-1	19	mg/L	9790	0.4	2	7/15/2002	7/27/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



**LEAD BY ATOMIC ABSORPTION  
WET/ EPA 7420**

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057937
<b>Project:</b>	Rte 5 South, 09100-06-49	<b>Date Received:</b>	7/15/2002 6:35:0
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	NS

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057937-104A	S108-2	23	mg/L	9790	0.8	4	7/15/2002	7/27/2002
057937-105A	S108-3	7.1	mg/L	9790	0.2	1	7/15/2002	7/27/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



**LEAD BY ATOMIC ABSORPTION  
EPA 1311/7420**

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057937
<b>Project:</b>	Rte 5 South, 09100-06-49	<b>Date Received:</b>	7/15/2002 6:35:0
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	JT

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057937-013A	S84-S	3.5	mg/L	9851	0.2	1	7/15/2002	7/26/2002
057937-019A	S85-2	9.1	mg/L	9851	0.2	1	7/15/2002	7/26/2002
057937-024A	S87-S	1.4	mg/L	9851	0.2	1	7/15/2002	7/26/2002
057937-028A	S88-S	5.4	mg/L	9851	0.2	1	7/15/2002	7/26/2002
057937-029A	S88-1	3.3	mg/L	9851	0.2	1	7/15/2002	7/26/2002
057937-030A	S88-2	0.43	mg/L	9851	0.2	1	7/15/2002	7/26/2002
057937-038A	S90-2	4.8	mg/L	9851	0.2	1	7/15/2002	7/26/2002
057937-051A	S94-S	4.9	mg/L	9851	0.2	1	7/15/2002	7/26/2002
057937-067A	S98-1	4.9	mg/L	9852	0.2	1	7/15/2002	7/26/2002
057937-070A	S99-S	5.0	mg/L	9852	0.2	1	7/15/2002	7/26/2002
057937-071A	S99-1	5.2	mg/L	9852	0.2	1	7/15/2002	7/26/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



**LEAD BY ATOMIC ABSORPTION  
EPA 1311/ 7420**

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057937
<b>Project:</b>	Rte 5 South, 09100-06-49	<b>Date Received:</b>	7/15/2002 6:35:0
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	JT

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057937-084A	S103-S	14	mg/L	9852	0.4	2	7/15/2002	7/26/2002
057937-088A	S101-1	3.0	mg/L	9852	0.2	1	7/15/2002	7/26/2002
057937-091A	S105-S	6.1	mg/L	9852	0.2	1	7/15/2002	7/26/2002
057937-092A	S105-1	13	mg/L	9852	0.4	2	7/15/2002	7/26/2002
057937-095A	S106-1	18	mg/L	9852	0.4	2	7/15/2002	7/26/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interference
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



LEAD BY ATOMIC ABSORPTION  
WET DI/ EPA 7420

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057937
<b>Project:</b>	Rte 5 South, 09100-06-49	<b>Date Received:</b>	7/15/2002 6:35:0
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	JT

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057937-001A	S-81-S	1.9	mg/L	9777	0.2	1	7/15/2002	7/28/2002
057937-003A	S81-2	0.36	mg/L	9777	0.2	1	7/15/2002	7/28/2002
057937-005A	S82-S	3.5	mg/L	9777	0.2	1	7/15/2002	7/28/2002
057937-006A	S82-1	0.86	mg/L	9777	0.2	1	7/15/2002	7/28/2002
057937-007A	S82-2	0.39	mg/L	9777	0.2	1	7/15/2002	7/28/2002
057937-008A	S82-3	0.23	mg/L	9777	0.2	1	7/15/2002	7/28/2002
057937-009A	S83-S	1.1	mg/L	9777	0.2	1	7/15/2002	7/28/2002
057937-010A	S83-1	0.56	mg/L	9777	0.2	1	7/15/2002	7/28/2002
057937-014A	S84-1	1.8	mg/L	9777	0.2	1	7/15/2002	7/28/2002
057937-015A	S84-2	1.3	mg/L	9777	0.2	1	7/15/2002	7/28/2002
057937-016A	S84-3	2.6	mg/L	9777	0.2	1	7/15/2002	7/28/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



LEAD BY ATOMIC ABSORPTION  
WET DI/ EPA 7420

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057937
<b>Project:</b>	Rte 5 South, 09100-06-49	<b>Date Received:</b>	7/15/2002 6:35:0
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	JT

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057937-017A	S85-S	0.50	mg/L	9777	0.2	1	7/15/2002	7/28/2002
057937-018A	S85-1	3.4	mg/L	9778	0.2	1	7/15/2002	7/28/2002
057937-020A	S85-3	3.2	mg/L	9778	0.2	1	7/15/2002	7/28/2002
057937-021A	S86-S	0.28	mg/L	9778	0.2	1	7/15/2002	7/28/2002
057937-022A	S86-1	0.60	mg/L	9778	0.2	1	7/15/2002	7/28/2002
057937-023A	S86-2	2.3	mg/L	9778	0.2	1	7/15/2002	7/28/2002
057937-025A	S87-1	0.83	mg/L	9778	0.2	1	7/15/2002	7/28/2002
057937-031A	S88-3	1.4	mg/L	9778	0.2	1	7/15/2002	7/28/2002
057937-032A	S89-S	ND	mg/L	9778	0.2	1	7/15/2002	7/28/2002
057937-033A	S89-1	5.0	mg/L	9778	0.2	1	7/15/2002	7/28/2002
057937-035A	S89-3	0.37	mg/L	9778	0.2	1	7/15/2002	7/28/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



**LEAD BY ATOMIC ABSORPTION  
WET DI/ EPA 7420**

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057937
<b>Project:</b>	Rte 5 South, 09100-06-49	<b>Date Received:</b>	7/15/2002 6:35:0
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	JT

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057937-036A	S90-S	0.20	mg/L	9778	0.2	1	7/15/2002	7/28/2002
057937-037A	S90-1	ND	mg/L	9778	0.2	1	7/15/2002	7/28/2002
057937-039A	S90-3	0.85	mg/L	9778	0.2	1	7/15/2002	7/28/2002
057937-040A	S91-S	0.60	mg/L	9778	0.2	1	7/15/2002	7/28/2002
057937-041A	S91-1	2.3	mg/L	9778	0.2	1	7/15/2002	7/28/2002
057937-044A	S92-S	1.1	mg/L	9778	0.2	1	7/15/2002	7/28/2002
057937-045A	S92-1	0.29	mg/L	9778	0.2	1	7/15/2002	7/28/2002
057937-046A	S92-2	1.8	mg/L	9778	0.2	1	7/15/2002	7/28/2002
057937-047A	S92-3	1.6	mg/L	9779	0.2	1	7/15/2002	7/28/2002
057937-048A	S93-S	1.0	mg/L	9779	0.2	1	7/15/2002	7/28/2002
057937-049A	S93-1	3.1	mg/L	9779	0.2	1	7/15/2002	7/28/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



**LEAD BY ATOMIC ABSORPTION  
WET DI/ EPA 7420**

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057937
<b>Project:</b>	Rte 5 South, 09100-06-49	<b>Date Received:</b>	7/15/2002 6:35:0
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	JT

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057937-050A	S93-2	ND	mg/L	9779	0.2	1	7/15/2002	7/28/2002
057937-052A	S94-1	1.3	mg/L	9779	0.2	1	7/15/2002	7/28/2002
057937-053A	S94-2	1.0	mg/L	9779	0.2	1	7/15/2002	7/28/2002
057937-054A	S95-S	0.30	mg/L	9779	0.2	1	7/15/2002	7/28/2002
057937-055A	S95-1	1.7	mg/L	9779	0.2	1	7/15/2002	7/28/2002
057937-056A	S95-2	ND	mg/L	9779	0.2	1	7/15/2002	7/28/2002
057937-057A	S95-3	0.29	mg/L	9779	0.2	1	7/15/2002	7/28/2002
057937-058A	S96-S	0.58	mg/L	9779	0.2	1	7/15/2002	7/28/2002
057937-060A	S96-2	0.29	mg/L	9779	0.2	1	7/15/2002	7/28/2002
057937-062A	S97-S	ND	mg/L	9779	0.2	1	7/15/2002	7/28/2002
057937-063A	S97-1	0.78	mg/L	9779	0.2	1	7/15/2002	7/28/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
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	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



**LEAD BY ATOMIC ABSORPTION  
WET DI/ EPA 7420**

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057937
<b>Project:</b>	Rte 5 South, 09100-06-49	<b>Date Received:</b>	7/15/2002 6:35:0
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	JT

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057937-064A	S97-2	0.31	mg/L	9779	0.2	1	7/15/2002	7/28/2002
057937-066A	S98-S	ND	mg/L	9779	0.2	1	7/15/2002	7/28/2002
057937-072A	S99-2	2.5	mg/L	9779	0.2	1	7/15/2002	7/28/2002
057937-073A	S100-S	1.7	mg/L	9780	0.2	1	7/15/2002	7/28/2002
057937-074A	S100-1	0.20	mg/L	9780	0.2	1	7/15/2002	7/28/2002
057937-076A	S100-3	0.28	mg/L	9780	0.2	1	7/15/2002	7/28/2002
057937-077A	S101-S	0.79	mg/L	9780	0.2	1	7/15/2002	7/28/2002
057937-080A	S102-S	0.46	mg/L	9780	0.2	1	7/15/2002	7/28/2002
057937-081A	S102-1	2.2	mg/L	9780	0.2	1	7/15/2002	7/28/2002
057937-082A	S102-2	0.92	mg/L	9780	0.2	1	7/15/2002	7/28/2002
057937-083A	S102-3	0.44	mg/L	9780	0.2	1	7/15/2002	7/28/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



**LEAD BY ATOMIC ABSORPTION  
WET DI/ EPA 7420**

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057937
<b>Project:</b>	Rte 5 South, 09100-06-49	<b>Date Received:</b>	7/15/2002 6:35:0
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	JT

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057937-085A	S103-1	0.61	mg/L	9780	0.2	1	7/15/2002	7/28/2002
057937-086A	S103-2	0.38	mg/L	9780	0.2	1	7/15/2002	7/28/2002
057937-087A	S104-S	1.8	mg/L	9780	0.2	1	7/15/2002	7/28/2002
057937-089A	S104-2	0.21	mg/L	9780	0.2	1	7/15/2002	7/28/2002
057937-090A	S104-3	0.62	mg/L	9780	0.2	1	7/15/2002	7/28/2002
057937-093A	S105-2	1.6	mg/L	9780	0.2	1	7/15/2002	7/28/2002
057937-094A	S106-S	2.1	mg/L	9780	0.2	1	7/15/2002	7/28/2002
057937-096A	S106-2	2.9	mg/L	9780	0.2	1	7/15/2002	7/28/2002
057937-097A	S106-3	3.1	mg/L	9780	0.2	1	7/15/2002	7/28/2002
057937-098A	S107-S	0.43	mg/L	9780	0.2	1	7/15/2002	7/28/2002
057937-099A	S107-1	0.24	mg/L	9780	0.2	1	7/15/2002	7/28/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



LEAD BY ATOMIC ABSORPTION  
WET DI/ EPA 7420

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057937
<b>Project:</b>	Rte 5 South, 09100-06-49	<b>Date Received:</b>	7/15/2002 6:35:0
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	JT

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057937-100A	S107-2	1.4	mg/L	9781	0.2	1	7/15/2002	7/28/2002
057937-101A	S107-3	1.1	mg/L	9781	0.2	1	7/15/2002	7/28/2002
057937-102A	S108-S	0.73	mg/L	9781	0.2	1	7/15/2002	7/28/2002
057937-103A	S108-1	0.25	mg/L	9781	0.2	1	7/15/2002	7/28/2002
057937-104A	S108-2	1.6	mg/L	9781	0.2	1	7/15/2002	7/28/2002
057937-105A	S108-3	0.51	mg/L	9781	0.2	1	7/15/2002	7/28/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



**Advanced Technology Laboratories**

Date: 30-Jul-02

**CLIENT:** Geocon Environmental  
**Lab Order:** 057937  
**Project:** Rte 5 South, 09100-06-49  
**Lab ID:** 057937-019A

**Client Sample ID:** S85-2  
**Collection Date:** 7/15/2002  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
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**ICP METALS**

(EPA 3050A)

EPA 6010B

RunID:	ICP2_020729E	QC Batch:	9918				Analyst: RQ
Antimony	1.5	0.25	mg/Kg	1	7/29/2002		
Arsenic	18	0.25	mg/Kg	1	7/29/2002		
Barium	160	0.15	mg/Kg	1	7/29/2002		
Beryllium	ND	0.15	mg/Kg	1	7/29/2002		
Cadmium	ND	0.15	mg/Kg	1	7/29/2002		
Chromium	18	0.15	mg/Kg	1	7/29/2002		
Cobalt	5.5	0.15	mg/Kg	1	7/29/2002		
Copper	48	0.15	mg/Kg	1	7/29/2002		
Lead	1700	0.25	mg/Kg	1	7/29/2002		
Molybdenum	2.0	0.25	mg/Kg	1	7/29/2002		
Nickel	15	0.15	mg/Kg	1	7/29/2002		
Selenium	ND	0.25	mg/Kg	1	7/29/2002		
Silver	ND	0.15	mg/Kg	1	7/29/2002		
Thallium	0.50	0.25	mg/Kg	1	7/29/2002		
Vanadium	25	0.15	mg/Kg	1	7/29/2002		
Zinc	240	0.50	mg/Kg	1	7/29/2002		

**MERCURY BY COLD VAPOR TECHNIQUE**

(EPA 7471)

EPA 7471A

RunID:	AA1_020729C	QC Batch:	9921				Analyst: NS
Mercury	ND	0.10	mg/Kg	1	7/29/2002		

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike/Surrogate outside of limits due to matrix interfere  
 J - Analyte detected below quantitation limits      H - Sample exceeded analytical holding time  
 B - Analyte detected in the associated Method Blank      E - Value above quantitation range  
 DO - Surrogate Diluted Out      Results are wet unless otherwise specified



# Advanced Technology Laboratories

Date: 30-Jul-02

**CLIENT:** Geocon Environmental  
**Lab Order:** 057937  
**Project:** Rte 5 South, 09100-06-49  
**Lab ID:** 057937-038A

**Client Sample ID:** S90-2  
**Collection Date:** 7/15/2002  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
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## ICP METALS

(EPA 3050A)

EPA 6010B

RunID:	ICP2_020729E	QC Batch:	9918				Analyst: RQ
Antimony	1.5	0.25	mg/Kg	1	7/29/2002		
Arsenic	12	0.25	mg/Kg	1	7/29/2002		
Barium	160	0.15	mg/Kg	1	7/29/2002		
Beryllium	ND	0.15	mg/Kg	1	7/29/2002		
Cadmium	ND	0.15	mg/Kg	1	7/29/2002		
Chromium	32	0.15	mg/Kg	1	7/29/2002		
Cobalt	6.0	0.15	mg/Kg	1	7/29/2002		
Copper	110	0.15	mg/Kg	1	7/29/2002		
Lead	1600	0.25	mg/Kg	1	7/29/2002		
Molybdenum	2.5	0.25	mg/Kg	1	7/29/2002		
Nickel	17	0.15	mg/Kg	1	7/29/2002		
Selenium	ND	0.25	mg/Kg	1	7/29/2002		
Silver	ND	0.15	mg/Kg	1	7/29/2002		
Thallium	0.50	0.25	mg/Kg	1	7/29/2002		
Vanadium	26	0.15	mg/Kg	1	7/29/2002		
Zinc	300	0.50	mg/Kg	1	7/29/2002		

## MERCURY BY COLD VAPOR TECHNIQUE

(EPA 7471)

EPA 7471A

RunID:	AA1_020729C	QC Batch:	9921				Analyst: NS
Mercury	0.11	0.10	mg/Kg	1	7/29/2002		

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike/Surrogate outside of limits due to matrix interfere  
 J - Analyte detected below quantitation limits      H - Sample exceeded analytical holding time  
 B - Analyte detected in the associated Method Blank      E - Value above quantitation range  
 DO - Surrogate Diluted Out      Results are wet unless otherwise specified



# Advanced Technology Laboratories

Date: 30-Jul-02

**CLIENT:** Geocon Environmental  
**Lab Order:** 057937  
**Project:** Rte 5 South, 09100-06-49  
**Lab ID:** 057937-067A

**Client Sample ID:** S98-1  
**Collection Date:** 7/15/2002  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
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## ICP METALS

(EPA 3050A)

EPA 6010B

RunID:	ICP2_020729E	QC Batch:	9918				Analyst: RQ
Antimony	1.0	0.25	mg/Kg	1	7/29/2002		
Arsenic	12	0.25	mg/Kg	1	7/29/2002		
Barium	110	0.15	mg/Kg	1	7/29/2002		
Beryllium	ND	0.15	mg/Kg	1	7/29/2002		
Cadmium	ND	0.15	mg/Kg	1	7/29/2002		
Chromium	14	0.15	mg/Kg	1	7/29/2002		
Cobalt	5.0	0.15	mg/Kg	1	7/29/2002		
Copper	38	0.15	mg/Kg	1	7/29/2002		
Lead	1000	0.25	mg/Kg	1	7/29/2002		
Molybdenum	1.5	0.25	mg/Kg	1	7/29/2002		
Nickel	12	0.15	mg/Kg	1	7/29/2002		
Selenium	ND	0.25	mg/Kg	1	7/29/2002		
Silver	ND	0.15	mg/Kg	1	7/29/2002		
Thallium	0.44	0.25	mg/Kg	1	7/29/2002		
Vanadium	21	0.15	mg/Kg	1	7/29/2002		
Zinc	220	0.50	mg/Kg	1	7/29/2002		

## MERCURY BY COLD VAPOR TECHNIQUE

(EPA 7471)

EPA 7471A

RunID:	AA1_020729C	QC Batch:	9921				Analyst: NS
Mercury	ND	0.10	mg/Kg	1	7/29/2002		

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike/Surrogate outside of limits due to matrix interfere  
 J - Analyte detected below quantitation limits      H - Sample exceeded analytical holding time  
 B - Analyte detected in the associated Method Blank      E - Value above quantitation range  
 DO - Surrogate Diluted Out      Results are wet unless otherwise specified



# Advanced Technology Laboratories

Date: 30-Jul-02

**CLIENT:** Geocon Environmental  
**Lab Order:** 057937  
**Project:** Rte 5 South, 09100-06-49  
**Lab ID:** 057937-070A

**Client Sample ID:** S99-S  
**Collection Date:** 7/15/2002  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS</b>						
	(EPA 3050A)			EPA 6010B		
RunID: ICP2_020729E	QC Batch: 9918					Analyst: RQ
Antimony	2.0	0.25		mg/Kg	1	7/29/2002
Arsenic	9.5	0.25		mg/Kg	1	7/29/2002
Barium	190	0.15		mg/Kg	1	7/29/2002
Beryllium	ND	0.15		mg/Kg	1	7/29/2002
Cadmium	ND	0.15		mg/Kg	1	7/29/2002
Chromium	24	0.15		mg/Kg	1	7/29/2002
Cobalt	7.0	0.15		mg/Kg	1	7/29/2002
Copper	61	0.15		mg/Kg	1	7/29/2002
Lead	1900	0.25		mg/Kg	1	7/29/2002
Molybdenum	3.5	0.25		mg/Kg	1	7/29/2002
Nickel	20	0.15		mg/Kg	1	7/29/2002
Selenium	ND	0.25		mg/Kg	1	7/29/2002
Silver	ND	0.15		mg/Kg	1	7/29/2002
Thallium	1.0	0.25		mg/Kg	1	7/29/2002
Vanadium	29	0.15		mg/Kg	1	7/29/2002
Zinc	620	0.50		mg/Kg	1	7/29/2002

## MERCURY BY COLD VAPOR TECHNIQUE

	(EPA 7471)			EPA 7471A		
RunID: AA1_020729C	QC Batch: 9921					Analyst: NS
Mercury	ND	0.10		mg/Kg	1	7/29/2002

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike/Surrogate outside of limits due to matrix interfere  
 J - Analyte detected below quantitation limits      H - Sample exceeded analytical holding time  
 B - Analyte detected in the associated Method Blank      E - Value above quantitation range  
 DO - Surrogate Diluted Out      Results are wet unless otherwise specified



# Advanced Technology Laboratories

Date: 30-Jul-02

**CLIENT:** Geocon Environmental  
**Lab Order:** 057937  
**Project:** Rte 5 South, 09100-06-49  
**Lab ID:** 057937-071A

**Client Sample ID:** S99-1  
**Collection Date:** 7/15/2002  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS</b>						
	(EPA 3050A)			EPA 6010B		
RunID: ICP2_020729E	QC Batch: 9918					Analyst: RQ
Antimony	1.5	0.25		mg/Kg	1	7/29/2002
Arsenic	10	0.25		mg/Kg	1	7/29/2002
Barium	170	0.15		mg/Kg	1	7/29/2002
Beryllium	ND	0.15		mg/Kg	1	7/29/2002
Cadmium	ND	0.15		mg/Kg	1	7/29/2002
Chromium	28	0.15		mg/Kg	1	7/29/2002
Cobalt	7.5	0.15		mg/Kg	1	7/29/2002
Copper	51	0.15		mg/Kg	1	7/29/2002
Lead	1900	0.25		mg/Kg	1	7/29/2002
Molybdenum	2.5	0.25		mg/Kg	1	7/29/2002
Nickel	21	0.15		mg/Kg	1	7/29/2002
Selenium	ND	0.25		mg/Kg	1	7/29/2002
Silver	ND	0.15		mg/Kg	1	7/29/2002
Thallium	0.50	0.25		mg/Kg	1	7/29/2002
Vanadium	34	0.15		mg/Kg	1	7/29/2002
Zinc	600	0.50		mg/Kg	1	7/29/2002

## MERCURY BY COLD VAPOR TECHNIQUE

	(EPA 7471)			EPA 7471A		
RunID: AA1_020729C	QC Batch: 9921					Analyst: NS
Mercury	ND	0.10		mg/Kg	1	7/29/2002

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike/Surrogate outside of limits due to matrix interfere  
 J - Analyte detected below quantitation limits      H - Sample exceeded analytical holding time  
 B - Analyte detected in the associated Method Blank      E - Value above quantitation range  
 DO - Surrogate Diluted Out      Results are wet unless otherwise specified



# Advanced Technology Laboratories

Date: 30-Jul-02

**CLIENT:** Geocon Environmental  
**Lab Order:** 057937  
**Project:** Rte 5 South, 09100-06-49  
**Lab ID:** 057937-084A

**Client Sample ID:** S103-S  
**Collection Date:** 7/15/2002  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
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## ICP METALS

(EPA 3050A)

EPA 6010B

RunID:	ICP2_020729E	QC Batch:	9918				Analyst: RQ
Antimony	2.5	0.25	mg/Kg	1	7/29/2002		
Arsenic	20	0.25	mg/Kg	1	7/29/2002		
Barium	160	0.15	mg/Kg	1	7/29/2002		
Beryllium	ND	0.15	mg/Kg	1	7/29/2002		
Cadmium	0.50	0.15	mg/Kg	1	7/29/2002		
Chromium	36	0.15	mg/Kg	1	7/29/2002		
Cobalt	6.0	0.15	mg/Kg	1	7/29/2002		
Copper	140	0.15	mg/Kg	1	7/29/2002		
Lead	2900	2.5	mg/Kg	10	7/29/2002		
Molybdenum	5.5	0.25	mg/Kg	1	7/29/2002		
Nickel	26	0.15	mg/Kg	1	7/29/2002		
Selenium	ND	0.25	mg/Kg	1	7/29/2002		
Silver	2.0	0.15	mg/Kg	1	7/29/2002		
Thallium	0.50	0.25	mg/Kg	1	7/29/2002		
Vanadium	22	0.15	mg/Kg	1	7/29/2002		
Zinc	1100	5.0	mg/Kg	10	7/29/2002		

## MERCURY BY COLD VAPOR TECHNIQUE

(EPA 7471)

EPA 7471A

RunID:	AA1_020729C	QC Batch:	9921				Analyst: NS
Mercury	0.24	0.10	mg/Kg	1	7/29/2002		

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike/Surrogate outside of limits due to matrix interfere  
 J - Analyte detected below quantitation limits      H - Sample exceeded analytical holding time  
 B - Analyte detected in the associated Method Blank      E - Value above quantitation range  
 DO - Surrogate Diluted Out      Results are wet unless otherwise specified



**Advanced Technology Laboratories**

Date: 30-Jul-02

**CLIENT:** Geocon Environmental  
**Lab Order:** 057937  
**Project:** Rte 5 South, 09100-06-49  
**Lab ID:** 057937-092A

**Client Sample ID:** S105-1  
**Collection Date:** 7/15/2002  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
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**ICP METALS**

(EPA 3050A)

EPA 6010B

RunID:	ICP2_020729E	QC Batch:	9918				Analyst: RQ
Antimony	2.5	0.25	mg/Kg	1	7/29/2002		
Arsenic	23	0.25	mg/Kg	1	7/29/2002		
Barium	210	0.15	mg/Kg	1	7/29/2002		
Beryllium	ND	0.15	mg/Kg	1	7/29/2002		
Cadmium	2.5	0.15	mg/Kg	1	7/29/2002		
Chromium	35	0.15	mg/Kg	1	7/29/2002		
Cobalt	6.5	0.15	mg/Kg	1	7/29/2002		
Copper	88	0.15	mg/Kg	1	7/29/2002		
Lead	3800	2.5	mg/Kg	10	7/29/2002		
Molybdenum	4.0	0.25	mg/Kg	1	7/29/2002		
Nickel	20	0.15	mg/Kg	1	7/29/2002		
Selenium	ND	0.25	mg/Kg	1	7/29/2002		
Silver	5.0	0.15	mg/Kg	1	7/29/2002		
Thallium	1.0	0.25	mg/Kg	1	7/29/2002		
Vanadium	24	0.15	mg/Kg	1	7/29/2002		
Zinc	430	0.50	mg/Kg	1	7/29/2002		

**MERCURY BY COLD VAPOR TECHNIQUE**

(EPA 7471)

EPA 7471A

RunID:	AA1_020729C	QC Batch:	9921				Analyst: NS
Mercury	0.14	0.10	mg/Kg	1	7/29/2002		

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike/Surrogate outside of limits due to matrix interfere  
 J - Analyte detected below quantitation limits      H - Sample exceeded analytical holding time  
 B - Analyte detected in the associated Method Blank      E - Value above quantitation range  
 DO - Surrogate Diluted Out      Results are wet unless otherwise specified



# Advanced Technology Laboratories

Date: 30-Jul-02

**CLIENT:** Geocon Environmental  
**Lab Order:** 057937  
**Project:** Rte 5 South, 09100-06-49  
**Lab ID:** 057937-095A

**Client Sample ID:** S106-1  
**Collection Date:** 7/15/2002  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
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## ICP METALS

(EPA 3050A)

EPA 6010B

RunID:	ICP2_020729E	QC Batch:	9918	Analyst: RQ		
Antimony	2.0	0.25	mg/Kg	1	7/29/2002	
Arsenic	20	0.25	mg/Kg	1	7/29/2002	
Barium	210	0.15	mg/Kg	1	7/29/2002	
Beryllium	ND	0.15	mg/Kg	1	7/29/2002	
Cadmium	0.22	0.15	mg/Kg	1	7/29/2002	
Chromium	26	0.15	mg/Kg	1	7/29/2002	
Cobalt	5.5	0.15	mg/Kg	1	7/29/2002	
Copper	70	0.15	mg/Kg	1	7/29/2002	
Lead	3200	2.5	mg/Kg	10	7/29/2002	
Molybdenum	3.0	0.25	mg/Kg	1	7/29/2002	
Nickel	16	0.15	mg/Kg	1	7/29/2002	
Selenium	ND	0.25	mg/Kg	1	7/29/2002	
Silver	1.0	0.15	mg/Kg	1	7/29/2002	
Thallium	0.50	0.25	mg/Kg	1	7/29/2002	
Vanadium	22	0.15	mg/Kg	1	7/29/2002	
Zinc	430	0.50	mg/Kg	1	7/29/2002	

## MERCURY BY COLD VAPOR TECHNIQUE

(EPA 7471)

EPA 7471A

RunID:	AA1_020729C	QC Batch:	9921	Analyst: NS		
Mercury	ND	0.10	mg/Kg	1	7/29/2002	

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike/Surrogate outside of limits due to matrix interfere  
 J - Analyte detected below quantitation limits      H - Sample exceeded analytical holding time  
 B - Analyte detected in the associated Method Blank      E - Value above quantitation range  
 DO - Surrogate Diluted Out      Results are wet unless otherwise specified

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Advanced Technology Laboratories

Date: 29-Jul-02

CLIENT: Geocon Environmental
Work Order: 057937
Project: Rte 5 South, 09100-06-49

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010\_SPB

Table with 12 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, (EPA 3050M), Analysis Date, SeqNo, Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual. Contains 5 sample entries for Lead.

Qualifiers: ND - Not Detected at the Reporting Limit, S - Spike Recovery outside accepted recovery limits, DO- Surrogate dilute out, J - Analyte detected below quantitation limits, B - Analyte detected in the associated Method Blank, H - Sample exceeded holding time, R - RPD outside accepted recovery limits, Calculations are based on raw values



**CLIENT:** Geocon Environmental  
**Work Order:** 057937  
**Project:** Rte 5 South, 09100-06-49

### ANALYTICAL QC SUMMARY REPORT

**TestCode:** 6010\_SPB

Sample ID	<b>MB-9617A</b>	SampType:	<b>MBLK</b>	TestCode:	<b>6010_SPB</b>	Units:	<b>mg/Kg</b>	Prep Date:	<b>7/17/2002</b>	Run ID:	<b>ICP5_020719C</b>
Client ID:	<b>ZZZZZ</b>	Batch ID:	<b>9617</b>	TestNo:	<b>EPA 6010B (EPA 3050M)</b>	Analysis Date:	<b>7/19/2002</b>	SeqNo:	<b>301756</b>		
Analyte		Result		PQL		SPK value		SPK Ref Val		%REC	

Lead ND 5.0

Sample ID	<b>MB-9617B</b>	SampType:	<b>MBLK</b>	TestCode:	<b>6010_SPB</b>	Units:	<b>mg/Kg</b>	Prep Date:	<b>7/17/2002</b>	Run ID:	<b>ICP5_020719C</b>
Client ID:	<b>ZZZZZ</b>	Batch ID:	<b>9617</b>	TestNo:	<b>EPA 6010B (EPA 3050M)</b>	Analysis Date:	<b>7/19/2002</b>	SeqNo:	<b>301757</b>		
Analyte		Result		PQL		SPK value		SPK Ref Val		%REC	

Lead ND 5.0

Sample ID	<b>MB-9618A</b>	SampType:	<b>MBLK</b>	TestCode:	<b>6010_SPB</b>	Units:	<b>mg/Kg</b>	Prep Date:	<b>7/18/2002</b>	Run ID:	<b>ICP5_020719D</b>
Client ID:	<b>ZZZZZ</b>	Batch ID:	<b>9618</b>	TestNo:	<b>EPA 6010B (EPA 3050M)</b>	Analysis Date:	<b>7/19/2002</b>	SeqNo:	<b>301784</b>		
Analyte		Result		PQL		SPK value		SPK Ref Val		%REC	

Lead ND 5.0

Sample ID	<b>MB-9618B</b>	SampType:	<b>MBLK</b>	TestCode:	<b>6010_SPB</b>	Units:	<b>mg/Kg</b>	Prep Date:	<b>7/18/2002</b>	Run ID:	<b>ICP5_020719D</b>
Client ID:	<b>ZZZZZ</b>	Batch ID:	<b>9618</b>	TestNo:	<b>EPA 6010B (EPA 3050M)</b>	Analysis Date:	<b>7/19/2002</b>	SeqNo:	<b>301785</b>		
Analyte		Result		PQL		SPK value		SPK Ref Val		%REC	

Lead ND 5.0

Sample ID	<b>MB-9619A</b>	SampType:	<b>MBLK</b>	TestCode:	<b>6010_SPB</b>	Units:	<b>mg/Kg</b>	Prep Date:	<b>7/18/2002</b>	Run ID:	<b>ICP5_020719E</b>
Client ID:	<b>ZZZZZ</b>	Batch ID:	<b>9619</b>	TestNo:	<b>EPA 6010B (EPA 3050M)</b>	Analysis Date:	<b>7/19/2002</b>	SeqNo:	<b>301812</b>		
Analyte		Result		PQL		SPK value		SPK Ref Val		%REC	

Lead ND 5.0

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 I - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



**CLIENT:** Geocon Environmental  
**Work Order:** 057937  
**Project:** Rte 5 South, 09100-06-49

## ANALYTICAL QC SUMMARY REPORT

**TestCode: 6010\_SPB**

Sample ID <b>MB-9619B</b>	SampType: <b>MBLK</b>	TestCode: <b>6010_SPB</b>	Units: <b>mg/Kg</b>	Prep Date: <b>7/18/2002</b>	Run ID: <b>ICP5_020719E</b>						
Client ID: <b>ZZZZZ</b>	Batch ID: <b>9619</b>	TestNo: <b>EPA 6010B</b>	(EPA 3050M)	Analysis Date: <b>7/19/2002</b>	SeqNo: <b>301813</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead ND 5.0

Sample ID <b>LCS-9620</b>	SampType: <b>LCS</b>	TestCode: <b>6010_SPB</b>	Units: <b>mg/Kg</b>	Prep Date: <b>7/18/2002</b>	Run ID: <b>ICP2_020719A</b>						
Client ID: <b>ZZZZZ</b>	Batch ID: <b>9620</b>	TestNo: <b>EPA 6010B</b>	(EPA 3050M)	Analysis Date: <b>7/19/2002</b>	SeqNo: <b>301580</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 212.5 5.0 250 0 85 80 120 0 0

Sample ID <b>LCS-9615</b>	SampType: <b>LCS</b>	TestCode: <b>6010_SPB</b>	Units: <b>mg/Kg</b>	Prep Date: <b>7/17/2002</b>	Run ID: <b>ICP5_020719A</b>						
Client ID: <b>ZZZZZ</b>	Batch ID: <b>9615</b>	TestNo: <b>EPA 6010B</b>	(EPA 3050M)	Analysis Date: <b>7/19/2002</b>	SeqNo: <b>301699</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 218.7 5.0 250 0 87.5 80 120 0 0

Sample ID <b>LCS-9616</b>	SampType: <b>LCS</b>	TestCode: <b>6010_SPB</b>	Units: <b>mg/Kg</b>	Prep Date: <b>7/17/2002</b>	Run ID: <b>ICP5_020719B</b>						
Client ID: <b>ZZZZZ</b>	Batch ID: <b>9616</b>	TestNo: <b>EPA 6010B</b>	(EPA 3050M)	Analysis Date: <b>7/19/2002</b>	SeqNo: <b>301727</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 225.3 5.0 250 0 90.1 80 120 0 0

Sample ID <b>LCS-9617</b>	SampType: <b>LCS</b>	TestCode: <b>6010_SPB</b>	Units: <b>mg/Kg</b>	Prep Date: <b>7/17/2002</b>	Run ID: <b>ICP5_020719C</b>						
Client ID: <b>ZZZZZ</b>	Batch ID: <b>9617</b>	TestNo: <b>EPA 6010B</b>	(EPA 3050M)	Analysis Date: <b>7/19/2002</b>	SeqNo: <b>301755</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 230.2 5.0 250 0 92.1 80 120 0 0

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



CLIENT: Geocon Environmental  
Work Order: 057937  
Project: Rte 5 South, 09100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 6010\_SPB

Sample ID	LCS-9618	SampType:	LCS	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/18/2002	Run ID:	ICP5_020719D			
Client ID:	ZZZZZ	Batch ID:	9618	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/19/2002	SeqNo:	301783			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead		220.6		5.0	250	0		88.3	80	120	0	0		
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Sample ID	LCS-9619	SampType:	LCS	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/18/2002	Run ID:	ICP5_020719E			
Client ID:	ZZZZZ	Batch ID:	9619	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/19/2002	SeqNo:	301811			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead		222.8		5.0	250	0		89.1	80	120	0	0		
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Sample ID	057937-105AMS	SampType:	MS	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/18/2002	Run ID:	ICP2_020719A			
Client ID:	S108-3	Batch ID:	9620	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/19/2002	SeqNo:	301587			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead		268.5		5.0	250	73.5		78	47	128	0	0		
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Sample ID	057937-010AMS	SampType:	MS	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/17/2002	Run ID:	ICP5_020719A			
Client ID:	S83-1	Batch ID:	9615	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/19/2002	SeqNo:	301685			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead		528.1		5.0	250	352.1		70.4	47	128	0	0		
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Sample ID	057937-020AMS	SampType:	MS	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/17/2002	Run ID:	ICP5_020719A			
Client ID:	S85-3	Batch ID:	9615	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/19/2002	SeqNo:	301697			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead		676		5.0	250	495.4		72.2	47	128	0	0		
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**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO - Surrogate dilute out  
 I - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



**CLIENT:** Geocon Environmental  
**Work Order:** 057937  
**Project:** Rte 5 South, 09100-06-49

### ANALYTICAL QC SUMMARY REPORT

**TestCode:** 6010\_SPB

Sample ID: 057937-030AMS	SampType: MS	TestCode: 6010_SPB	Units: mg/Kg	Prep Date: 7/17/2002	Run ID: ICP5_020719B						
Client ID: S88-2	Batch ID: 9616	TestNo: EPA 6010B (EPA 3050M)		Analysis Date: 7/19/2002	SeqNo: 301713						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	1246	5.0	250	1076	67.8	47	128	0	0		
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Sample ID: 057937-040AMS	SampType: MS	TestCode: 6010_SPB	Units: mg/Kg	Prep Date: 7/17/2002	Run ID: ICP5_020719B						
Client ID: S91-S	Batch ID: 9616	TestNo: EPA 6010B (EPA 3050M)		Analysis Date: 7/19/2002	SeqNo: 301725						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	664	5.0	250	530	53.6	47	128	0	0		
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Sample ID: 057937-050AMS	SampType: MS	TestCode: 6010_SPB	Units: mg/Kg	Prep Date: 7/17/2002	Run ID: ICP5_020719C						
Client ID: S93-2	Batch ID: 9617	TestNo: EPA 6010B (EPA 3050M)		Analysis Date: 7/19/2002	SeqNo: 301741						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	260.3	5.0	250	68.79	76.6	47	128	0	0		
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Sample ID: 057937-060AMS	SampType: MS	TestCode: 6010_SPB	Units: mg/Kg	Prep Date: 7/17/2002	Run ID: ICP5_020719C						
Client ID: S96-2	Batch ID: 9617	TestNo: EPA 6010B (EPA 3050M)		Analysis Date: 7/19/2002	SeqNo: 301753						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	409.8	5.0	250	180.4	91.8	47	128	0	0		
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Sample ID: 057937-070AMS	SampType: MS	TestCode: 6010_SPB	Units: mg/Kg	Prep Date: 7/18/2002	Run ID: ICP5_020719D						
Client ID: S99-S	Batch ID: 9618	TestNo: EPA 6010B (EPA 3050M)		Analysis Date: 7/19/2002	SeqNo: 301769						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	1844	5.0	250	1891	-18.5	47	128	0	0		S
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**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO - Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



CLIENT: Geocon Environmental  
Work Order: 057937  
Project: Rte 5 South, 09100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 6010\_SPB

Sample ID	057937-080AMS	SampType:	MS	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/18/2002	Run ID:	ICP5_020719D		
Client ID:	S102-S	Batch ID:	9618	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/19/2002	SeqNo:	301781		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead		599		5.0	250	563.3	14.3	47	128	0	0		S
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Sample ID	057937-090AMS	SampType:	MS	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/18/2002	Run ID:	ICP5_020719E		
Client ID:	S104-3	Batch ID:	9619	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/19/2002	SeqNo:	301797		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead		368		5.0	250	170.2	79.1	47	128	0	0		
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Sample ID	057937-100AMS	SampType:	MS	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/18/2002	Run ID:	ICP5_020719E		
Client ID:	S107-2	Batch ID:	9619	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/19/2002	SeqNo:	301809		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead		427.3		5.0	250	294.7	53.1	47	128	0	0		
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Sample ID	057937-105ADUP	SampType:	DUP	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/18/2002	Run ID:	ICP2_020719A		
Client ID:	S108-3	Batch ID:	9620	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/19/2002	SeqNo:	301586		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead		119		5.0	0	0	0	0	0	73.5	47.3	30	R
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Sample ID	057937-010ADUP	SampType:	DUP	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/17/2002	Run ID:	ICP5_020719A		
Client ID:	S83-1	Batch ID:	9615	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/19/2002	SeqNo:	301684		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead		296.4		5.0	0	0	0	0	0	352.1	17.2	30	
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**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



**CLIENT:** Geocon Environmental  
**Work Order:** 057937  
**Project:** Rte 5 South, 09100-06-49

## ANALYTICAL QC SUMMARY REPORT

**TestCode: 6010\_SPB**

Sample ID: <b>057937-020ADUP</b>	SampType: <b>DUP</b>	TestCode: <b>6010_SPB</b>	Units: <b>mg/Kg</b>	Prep Date: <b>7/17/2002</b>	Run ID: <b>ICP5_020719A</b>						
Client ID: <b>S85-3</b>	Batch ID: <b>9615</b>	TestNo: <b>EPA 6010B</b>	(EPA 3050M)	Analysis Date: <b>7/19/2002</b>	SeqNo: <b>301696</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	511	5.0	0	0	0	0	0	495.4	3.10	30
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Sample ID: <b>057937-030ADUP</b>	SampType: <b>DUP</b>	TestCode: <b>6010_SPB</b>	Units: <b>mg/Kg</b>	Prep Date: <b>7/17/2002</b>	Run ID: <b>ICP5_020719B</b>						
Client ID: <b>S88-2</b>	Batch ID: <b>9616</b>	TestNo: <b>EPA 6010B</b>	(EPA 3050M)	Analysis Date: <b>7/19/2002</b>	SeqNo: <b>301712</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	1091	5.0	0	0	0	0	0	1076	1.35	30
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Sample ID: <b>057937-040ADUP</b>	SampType: <b>DUP</b>	TestCode: <b>6010_SPB</b>	Units: <b>mg/Kg</b>	Prep Date: <b>7/17/2002</b>	Run ID: <b>ICP5_020719B</b>						
Client ID: <b>S91-S</b>	Batch ID: <b>9616</b>	TestNo: <b>EPA 6010B</b>	(EPA 3050M)	Analysis Date: <b>7/19/2002</b>	SeqNo: <b>301724</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	778.1	5.0	0	0	0	0	0	530	37.9	30	R
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Sample ID: <b>057937-050ADUP</b>	SampType: <b>DUP</b>	TestCode: <b>6010_SPB</b>	Units: <b>mg/Kg</b>	Prep Date: <b>7/17/2002</b>	Run ID: <b>ICP5_020719C</b>						
Client ID: <b>S93-2</b>	Batch ID: <b>9617</b>	TestNo: <b>EPA 6010B</b>	(EPA 3050M)	Analysis Date: <b>7/19/2002</b>	SeqNo: <b>301740</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	101.3	5.0	0	0	0	0	0	68.79	38.2	30	R
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Sample ID: <b>057937-060ADUP</b>	SampType: <b>DUP</b>	TestCode: <b>6010_SPB</b>	Units: <b>mg/Kg</b>	Prep Date: <b>7/17/2002</b>	Run ID: <b>ICP5_020719C</b>						
Client ID: <b>S96-2</b>	Batch ID: <b>9617</b>	TestNo: <b>EPA 6010B</b>	(EPA 3050M)	Analysis Date: <b>7/19/2002</b>	SeqNo: <b>301752</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	228.7	5.0	0	0	0	0	0	180.4	23.6	30
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<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike Recovery outside accepted recovery limits	DO - Surrogate dilute out
	J - Analyte detected below quantitation limits	B - Analyte detected in the associated Method Blank	H - Sample exceeded holding time
	R - RPD outside accepted recovery limits	Calculations are based on raw values	



CLIENT: Geocon Environmental  
Work Order: 057937  
Project: Rte 5 South, 09100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 6010\_SPB

Sample ID	057937-070ADUP	SampType:	DUP	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/18/2002	Run ID:	ICP5_020719D
Client ID:	S99-S	Batch ID:	9618	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/19/2002	SeqNo:	301768
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	1746	5.0	0	0	0	0	0	1891	7.95	30	
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Sample ID	057937-080ADUP	SampType:	DUP	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/18/2002	Run ID:	ICP5_020719D
Client ID:	S102-S	Batch ID:	9618	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/19/2002	SeqNo:	301780
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	418.8	5.0	0	0	0	0	0	563.3	29.4	30	
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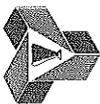
Sample ID	057937-090ADUP	SampType:	DUP	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/18/2002	Run ID:	ICP5_020719E
Client ID:	S104-3	Batch ID:	9619	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/19/2002	SeqNo:	301796
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	291.4	5.0	0	0	0	0	0	170.2	52.5	30	R
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Sample ID	057937-100ADUP	SampType:	DUP	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/18/2002	Run ID:	ICP5_020719E
Client ID:	S107-2	Batch ID:	9619	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/19/2002	SeqNo:	301808
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	288.2	5.0	0	0	0	0	0	294.7	2.24	30	
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Qualifiers: ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



CLIENT: Geocon Environmental  
Work Order: 057937  
Project: Rte 5 South, 09100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 6010\_WPB

Sample ID	MB-9645	SampType:	MBLK	TestCode:	6010_WPB	Units:	mg/L	Prep Date:	7/17/2002	Run ID:	ICP2_020718B			
Client ID:	ZZZZZ	Batch ID:	9645	TestNo:	EPA 6010B (EPA 3010A)			Analysis Date:	7/18/2002	SeqNo:	300893			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead ND 0.0050

Sample ID	MB-9646	SampType:	MBLK	TestCode:	6010_WPB	Units:	mg/L	Prep Date:	7/17/2002	Run ID:	ICP2_020718C			
Client ID:	ZZZZZ	Batch ID:	9646	TestNo:	EPA 6010B (EPA 3010A)			Analysis Date:	7/18/2002	SeqNo:	300952			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead ND 0.0050

Sample ID	MB-9842	SampType:	MBLK	TestCode:	6010_WPB	Units:	mg/L	Prep Date:	7/24/2002	Run ID:	ICP2_020725A			
Client ID:	ZZZZZ	Batch ID:	9842	TestNo:	EPA 6010B (EPA 3010A)			Analysis Date:	7/25/2002	SeqNo:	306046			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead ND 0.0050

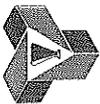
Sample ID	LCS-9645	SampType:	LCS	TestCode:	6010_WPB	Units:	mg/L	Prep Date:	7/17/2002	Run ID:	ICP2_020718B			
Client ID:	ZZZZZ	Batch ID:	9645	TestNo:	EPA 6010B (EPA 3010A)			Analysis Date:	7/18/2002	SeqNo:	300894			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 0.99 0.0050 1 0 99 80 120 0 0

Sample ID	LCS-9646	SampType:	LCS	TestCode:	6010_WPB	Units:	mg/L	Prep Date:	7/17/2002	Run ID:	ICP2_020718C			
Client ID:	ZZZZZ	Batch ID:	9646	TestNo:	EPA 6010B (EPA 3010A)			Analysis Date:	7/18/2002	SeqNo:	300953			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 1 0.0050 1 0 100 80 120 0 0

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO - Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



**CLIENT:** Geocon Environmental  
**Work Order:** 057937  
**Project:** Rte 5 South, 09100-06-49

### ANALYTICAL QC SUMMARY REPORT

**TestCode:** 6010\_WPB

Sample ID	LCS-9842	SampType:	LCS	TestCode:	6010_WPB	Units:	mg/L	Prep Date:	7/24/2002	Run ID:	ICP2_020725A												
Client ID:	ZZZZZ	Batch ID:	9842	TestNo:	EPA 6010B (EPA 3010A)			Analysis Date:	7/25/2002	SeqNo:	306047												
Analyte		Result		PQL		SPK value		SPK Ref Val		%REC		LowLimit		HighLimit		RPD Ref Val		%RPD		RPDLimit		Qual	

Lead 0.98 0.0050 1 0 98 80 120 0 0

Sample ID	057937-115AMS	SampType:	MS	TestCode:	6010_WPB	Units:	mg/L	Prep Date:	7/17/2002	Run ID:	ICP2_020718B												
Client ID:	EB-43	Batch ID:	9645	TestNo:	EPA 6010B (EPA 3010A)			Analysis Date:	7/18/2002	SeqNo:	300906												
Analyte		Result		PQL		SPK value		SPK Ref Val		%REC		LowLimit		HighLimit		RPD Ref Val		%RPD		RPDLimit		Qual	

Lead 2.41 0.0050 2.5 0 96.4 66 118 0 0

Sample ID	057942-048AMS	SampType:	MS	TestCode:	6010_WPB	Units:	mg/L	Prep Date:	7/17/2002	Run ID:	ICP2_020718C												
Client ID:	ZZZZZ	Batch ID:	9646	TestNo:	EPA 6010B (EPA 3010A)			Analysis Date:	7/18/2002	SeqNo:	300961												
Analyte		Result		PQL		SPK value		SPK Ref Val		%REC		LowLimit		HighLimit		RPD Ref Val		%RPD		RPDLimit		Qual	

Lead 2.58 0.0050 2.5 0.00471 103 66 118 0 0

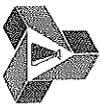
Sample ID	057937-110AMS	SampType:	MS	TestCode:	6010_WPB	Units:	mg/L	Prep Date:	7/24/2002	Run ID:	ICP2_020725A												
Client ID:	EB-38	Batch ID:	9842	TestNo:	EPA 6010B (EPA 3010A)			Analysis Date:	7/25/2002	SeqNo:	306050												
Analyte		Result		PQL		SPK value		SPK Ref Val		%REC		LowLimit		HighLimit		RPD Ref Val		%RPD		RPDLimit		Qual	

Lead 2.48 0.0050 2.5 0.00679 98.9 66 118 0 0

Sample ID	057942-048AMSD	SampType:	MSD	TestCode:	6010_WPB	Units:	mg/L	Prep Date:	7/17/2002	Run ID:	ICP2_020718C												
Client ID:	ZZZZZ	Batch ID:	9646	TestNo:	EPA 6010B (EPA 3010A)			Analysis Date:	7/18/2002	SeqNo:	300962												
Analyte		Result		PQL		SPK value		SPK Ref Val		%REC		LowLimit		HighLimit		RPD Ref Val		%RPD		RPDLimit		Qual	

Lead 2.47 0.0050 2.5 0.00471 98.6 66 118 2.58 4.36 20

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



CLIENT: Geocon Environmental  
Work Order: 057937  
Project: Rte 5 South, 09100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 6010\_WPB

Sample ID	057937-115ADUP	SampType:	DUP	TestCode:	6010_WPB	Units:	mg/L	Prep Date:	7/17/2002	Run ID:	ICP2_020718B												
Client ID:	EB-43	Batch ID:	9645	TestNo:	EPA 6010B (EPA 3010A)			Analysis Date:	7/18/2002	SeqNo:	300905												
Analyte		Result		PQL		SPK value		SPK Ref Val		%REC		LowLimit		HighLimit		RPD Ref Val		%RPD		RPDLimit		Qual	

Lead		0.03		0.0050		0		0		0		0		0		0		200		30		R	
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Sample ID	057942-048ADUP	SampType:	DUP	TestCode:	6010_WPB	Units:	mg/L	Prep Date:	7/17/2002	Run ID:	ICP2_020718C												
Client ID:	ZZZZZ	Batch ID:	9646	TestNo:	EPA 6010B (EPA 3010A)			Analysis Date:	7/18/2002	SeqNo:	300960												
Analyte		Result		PQL		SPK value		SPK Ref Val		%REC		LowLimit		HighLimit		RPD Ref Val		%RPD		RPDLimit		Qual	

Lead		ND		0.0050		0		0		0		0		0		0.00471		0		30			
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Sample ID	057937-110ADUP	SampType:	DUP	TestCode:	6010_WPB	Units:	mg/L	Prep Date:	7/24/2002	Run ID:	ICP2_020725A												
Client ID:	EB-38	Batch ID:	9842	TestNo:	EPA 6010B (EPA 3010A)			Analysis Date:	7/25/2002	SeqNo:	306049												
Analyte		Result		PQL		SPK value		SPK Ref Val		%REC		LowLimit		HighLimit		RPD Ref Val		%RPD		RPDLimit		Qual	

Lead		ND		0.0050		0		0		0		0		0		0.00679		0		30			
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Qualifiers: ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



CLIENT: Geocon Environmental  
Work Order: 057937  
Project: Rte 5 South, 09100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 9045\_S

Sample ID	057937-050A-DUP	SampType:	DUP	TestCode:	9045_S	Units:	pH Units	Prep Date:	7/19/2002	Run ID:	WETCHEM_020719B		
Client ID:	S93-2	Batch ID:	R19558	TestNo:	EPA 9045C			Analysis Date:	7/19/2002	SeqNo:	301637		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

pH		7.979		0.10	0	0	0	0	0	7.856	1.55	20	
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Sample ID	057937-100A-DUP	SampType:	DUP	TestCode:	9045_S	Units:	pH Units	Prep Date:	7/19/2002	Run ID:	WETCHEM_020719C		
Client ID:	S107-2	Batch ID:	R19559	TestNo:	EPA 9045C			Analysis Date:	7/19/2002	SeqNo:	301645		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

pH		7.705		0.10	0	0	0	0	0	7.672	0.429	20	
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Qualifiers: ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



Advanced Technology Laboratories

Date: 29-Jul-02

CLIENT: Geocon Environmental
Work Order: 057937
Project: Rte 5 South, 09100-06-49

ANALYTICAL QC SUMMARY REPORT

TestCode: 7420\_ST

Table with 12 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, Analysis Date, SeqNo, and a header row for Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual.

Lead ND 0.20

Table with 12 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, Analysis Date, SeqNo, and a header row for Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual.

Lead 0.0533 0.20

Table with 12 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, Analysis Date, SeqNo, and a header row for Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual.

Lead 0.08295 0.20

Table with 12 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, Analysis Date, SeqNo, and a header row for Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual.

Lead ND 0.20

Table with 12 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, Analysis Date, SeqNo, and a header row for Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual.

Lead ND 0.20

Qualifiers: ND - Not Detected at the Reporting Limit, S - Spike Recovery outside accepted recovery limits, DO- Surrogate dilute out, J - Analyte detected below quantitation limits, B - Analyte detected in the associated Method Blank, H - Sample exceeded holding time, R - RPD outside accepted recovery limits, Calculations are based on raw values



CLIENT: Geocon Environmental  
Work Order: 057937  
Project: Rte 5 South, 09100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 7420\_ST

Sample ID	MB-9790B	SampType:	MBLK	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020727B			
Client ID:	ZZZZZ	Batch ID:	9790	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/27/2002	SeqNo:	307899			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 0.0481 0.20

Sample ID	MB-9789	SampType:	MBLK	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/27/2002	Run ID:	AA2_020727C			
Client ID:	ZZZZZ	Batch ID:	9789	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/27/2002	SeqNo:	307914			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead ND 0.20

Sample ID	MB-9789A	SampType:	MBLK	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020727C			
Client ID:	ZZZZZ	Batch ID:	9789	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/27/2002	SeqNo:	307915			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead ND 0.20

Sample ID	MB-9789B	SampType:	MBLK	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020727C			
Client ID:	ZZZZZ	Batch ID:	9789	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/27/2002	SeqNo:	307928			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead ND 0.20

Sample ID	MB-9786	SampType:	MBLK	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/28/2002	Run ID:	AA2_020728B			
Client ID:	ZZZZZ	Batch ID:	9786	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/28/2002	SeqNo:	308254			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead ND 0.20

Qualifiers: ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO - Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



CLIENT: Geocon Environmental  
Work Order: 057937  
Project: Rte 5 South, 09100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 7420\_ST

Sample ID	MB-9786A	SampType:	MBLK	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/24/2002	Run ID:	AA2_020728B			
Client ID:	ZZZZZ	Batch ID:	9786	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/28/2002	SeqNo:	308255			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead ND 0.20

Sample ID	MB-9786B	SampType:	MBLK	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/24/2002	Run ID:	AA2_020728B			
Client ID:	ZZZZZ	Batch ID:	9786	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/28/2002	SeqNo:	308268			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead ND 0.20

Sample ID	MB-9787	SampType:	MBLK	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/28/2002	Run ID:	AA2_020728C			
Client ID:	ZZZZZ	Batch ID:	9787	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/28/2002	SeqNo:	308283			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 0.04835 0.20

Sample ID	MB-9787A	SampType:	MBLK	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/24/2002	Run ID:	AA2_020728C			
Client ID:	ZZZZZ	Batch ID:	9787	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/28/2002	SeqNo:	308284			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 0.04734 0.20

Sample ID	MB-9787B	SampType:	MBLK	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/24/2002	Run ID:	AA2_020728C			
Client ID:	ZZZZZ	Batch ID:	9787	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/28/2002	SeqNo:	308297			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead ND 0.20

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



CLIENT: Geocon Environmental  
Work Order: 057937  
Project: Rte 5 South, 09100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 7420\_ST

Sample ID	LCS-9788	SampType:	LCS	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/27/2002	Run ID:	AA2_020727A			
Client ID:	ZZZZZ	Batch ID:	9788	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/27/2002	SeqNo:	307884			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 7.569 0.20 7.5 0 101 80 120 0 0

Sample ID	LCS-9790	SampType:	LCS	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/27/2002	Run ID:	AA2_020727B			
Client ID:	ZZZZZ	Batch ID:	9790	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/27/2002	SeqNo:	307913			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 7.422 0.20 7.5 0 99 80 120 0 0

Sample ID	LCS-9789	SampType:	LCS	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/27/2002	Run ID:	AA2_020727C			
Client ID:	ZZZZZ	Batch ID:	9789	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/27/2002	SeqNo:	307942			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 7.428 0.20 7.5 0 99 80 120 0 0

Sample ID	LCS-9786	SampType:	LCS	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/28/2002	Run ID:	AA2_020728B			
Client ID:	ZZZZZ	Batch ID:	9786	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/28/2002	SeqNo:	308282			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 7.318 0.20 7.5 0 97.6 80 120 0 0

Sample ID	LCS-9787	SampType:	LCS	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/28/2002	Run ID:	AA2_020728C			
Client ID:	ZZZZZ	Batch ID:	9787	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/28/2002	SeqNo:	308311			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 7.153 0.20 7.5 0 95.4 80 120 0 0

Qualifiers: ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      HI - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



CLIENT: Geocon Environmental  
Work Order: 057937  
Project: Rte 5 South, 09100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 7420\_ST

Sample ID	057937-054AMS	SampType:	MS	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/27/2002	Run ID:	AA2_020727A			
Client ID:	S95-S	Batch ID:	9788	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/27/2002	SeqNo:	307869			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	59.69	1.6	40	25.38	85.8	80	120	0	0				
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Sample ID	057937-066AMS	SampType:	MS	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/27/2002	Run ID:	AA2_020727A			
Client ID:	S98-S	Batch ID:	9788	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/27/2002	SeqNo:	307882			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	61.65	1.6	40	19.13	106	80	120	0	0				
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Sample ID	057941-006AMS	SampType:	MS	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/27/2002	Run ID:	AA2_020727B			
Client ID:	ZZZZZ	Batch ID:	9790	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/27/2002	SeqNo:	307898			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	62.75	1.6	40	26.6	90.4	80	120	0	0				
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Sample ID	057942-008AMS	SampType:	MS	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/27/2002	Run ID:	AA2_020727B			
Client ID:	ZZZZZ	Batch ID:	9790	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/27/2002	SeqNo:	307911			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	34.06	0.80	20	15.64	92.1	80	120	0	0				
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Sample ID	057937-081AMS	SampType:	MS	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/27/2002	Run ID:	AA2_020727C			
Client ID:	S102-1	Batch ID:	9789	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/27/2002	SeqNo:	307927			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	153.8	3.2	80	78.46	94.2	80	120	0	0				
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**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO - Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



**CLIENT:** Geocon Environmental  
**Work Order:** 057937  
**Project:** Rte 5 South, 09100-06-49

### ANALYTICAL QC SUMMARY REPORT

**TestCode:** 7420\_ST

Sample ID	057937-096AMS	SampType:	MS	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/27/2002	Run ID:	AA2_020727C			
Client ID:	S106-2	Batch ID:	9789	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/27/2002	SeqNo:	307940			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 59.17 1.6 40 25.77 83.5 80 120 0 0

Sample ID	057936-058AMS	SampType:	MS	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/28/2002	Run ID:	AA2_020728B			
Client ID:	ZZZZZ	Batch ID:	9786	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/28/2002	SeqNo:	308267			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 74.93 2.0 50 23.6 103 80 120 0 0

Sample ID	057937-014AMS	SampType:	MS	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/28/2002	Run ID:	AA2_020728B			
Client ID:	S84-1	Batch ID:	9786	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/28/2002	SeqNo:	308280			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 148.8 4.0 100 51.97 96.8 80 120 0 0

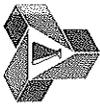
Sample ID	057937-026AMS	SampType:	MS	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/28/2002	Run ID:	AA2_020728C			
Client ID:	S87-2	Batch ID:	9787	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/28/2002	SeqNo:	308296			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 8.568 0.20 5 4.382 83.7 80 120 0 0

Sample ID	057937-043AMS	SampType:	MS	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/28/2002	Run ID:	AA2_020728C			
Client ID:	S91-3	Batch ID:	9787	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/28/2002	SeqNo:	308309			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 6.096 0.20 5 1.704 87.8 80 120 0 0

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO - Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



CLIENT: Geocon Environmental  
Work Order: 057937  
Project: Rte 5 South, 09100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 7420\_ST

Sample ID	057937-054ADUP	SampType:	DUP	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020727A		
Client ID:	S95-S	Batch ID:	9788	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/27/2002	SeqNo:	307868		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	25.6	0.80	0	0	0	0	0	0	25.38	0.880	30
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Sample ID	057937-066ADUP	SampType:	DUP	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020727A		
Client ID:	S98-S	Batch ID:	9788	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/27/2002	SeqNo:	307881		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	18.95	0.40	0	0	0	0	0	0	19.13	0.950	30
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Sample ID	057941-006ADUP	SampType:	DUP	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020727B		
Client ID:	ZZZZZ	Batch ID:	9790	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/27/2002	SeqNo:	307897		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	26.35	0.80	0	0	0	0	0	0	26.6	0.961	30
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Sample ID	057942-008ADUP	SampType:	DUP	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020727B		
Client ID:	ZZZZZ	Batch ID:	9790	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/27/2002	SeqNo:	307910		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	15.58	0.40	0	0	0	0	0	0	15.64	0.443	30
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Sample ID	057937-081ADUP	SampType:	DUP	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020727C		
Client ID:	S102-1	Batch ID:	9789	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/27/2002	SeqNo:	307926		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	78.35	1.6	0	0	0	0	0	0	78.46	0.140	30
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Qualifiers: ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



CLIENT: Geocon Environmental  
Work Order: 057937  
Project: Rte 5 South, 09100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 7420\_ST

Sample ID	057937-096ADUP	SampType:	DUP	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020727C		
Client ID:	S106-2	Batch ID:	9789	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/27/2002	SeqNo:	307939		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead		25.86		0.80	0	0	0	0	0	25.77	0.351	30	
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Sample ID	057936-058ADUP	SampType:	DUP	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/24/2002	Run ID:	AA2_020728B		
Client ID:	ZZZZZ	Batch ID:	9786	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/28/2002	SeqNo:	308266		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead		13.36		0.80	0	0	0	0	0	23.6	55.4	30	R
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Sample ID	057937-014ADUP	SampType:	DUP	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/24/2002	Run ID:	AA2_020728B		
Client ID:	S84-1	Batch ID:	9786	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/28/2002	SeqNo:	308279		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead		53.38		2.0	0	0	0	0	0	51.97	2.67	30	
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Sample ID	057937-026ADUP	SampType:	DUP	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/24/2002	Run ID:	AA2_020728C		
Client ID:	S87-2	Batch ID:	9787	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/28/2002	SeqNo:	308295		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead		4.41		0.20	0	0	0	0	0	4.382	0.631	30	
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Sample ID	057937-043ADUP	SampType:	DUP	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/24/2002	Run ID:	AA2_020728C		
Client ID:	S91-3	Batch ID:	9787	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/28/2002	SeqNo:	308308		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead		1.838		0.20	0	0	0	0	0	1.704	7.57	30	
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Qualifiers: ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 I - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



Advanced Technology Laboratories

Date: 29-Jul-02

CLIENT: Geocon Environmental
Work Order: 057937
Project: Rte 5 South, 09100-06-49

ANALYTICAL QC SUMMARY REPORT

TestCode: 7420\_TC

Table with 13 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, Analysis Date, SeqNo, Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual. Row 1: MB-9851, MBLK, 7420\_TC, mg/L, 7/25/2002, AA2\_020726B, ZZZZZ, 9851, EPA 1311/ 74 (EPA 3010A), 7/26/2002, 306764, Lead, ND, 0.20

Table with 13 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, Analysis Date, SeqNo, Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual. Row 1: MB-9846-TCLP, MBLK, 7420\_TC, mg/L, 7/25/2002, AA2\_020726B, ZZZZZ, 9851, EPA 1311/ 74 (EPA 3010A), 7/26/2002, 306765, Lead, ND, 0.20

Table with 13 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, Analysis Date, SeqNo, Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual. Row 1: MB-9852, MBLK, 7420\_TC, mg/L, 7/25/2002, AA2\_020726C, ZZZZZ, 9852, EPA 1311/ 74 (EPA 3010A), 7/26/2002, 306786, Lead, 0.06093, 0.20

Table with 13 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, Analysis Date, SeqNo, Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual. Row 1: MB-9847-TCLP, MBLK, 7420\_TC, mg/L, 7/25/2002, AA2\_020726C, ZZZZZ, 9852, EPA 1311/ 74 (EPA 3010A), 7/26/2002, 306787, Lead, 0.04928, 0.20

Table with 13 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, Analysis Date, SeqNo, Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual. Row 1: LCS-9851, LCS, 7420\_TC, mg/L, 7/25/2002, AA2\_020726B, ZZZZZ, 9851, EPA 1311/ 74 (EPA 3010A), 7/26/2002, 306785, Lead, 1.138, 0.20, 1, 0, 114, 80, 120, 0, 0

Qualifiers: ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits DO- Surrogate dilute out
J - Analyte detected below quantitation limits B - Analyte detected in the associated Method Blank H - Sample exceeded holding time
R - RPD outside accepted recovery limits Calculations are based on raw values



CLIENT: Geocon Environmental  
Work Order: 057937  
Project: Rte 5 South, 09100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 7420\_TC

Sample ID	LCS-9852	SampType:	LCS	TestCode:	7420_TC	Units:	mg/L	Prep Date:	7/25/2002	Run ID:	AA2_020726C			
Client ID:	ZZZZZ	Batch ID:	9852	TestNo:	EPA 1311/ 74 (EPA 3010A)			Analysis Date:	7/26/2002	SeqNo:	306801			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 1.17 0.20 1 0 117 80 120 0 0

Sample ID	057937-051AMS	SampType:	MS	TestCode:	7420_TC	Units:	mg/L	Prep Date:	7/25/2002	Run ID:	AA2_020726B			
Client ID:	S94-S	Batch ID:	9851	TestNo:	EPA 1311/ 74 (EPA 3010A)			Analysis Date:	7/26/2002	SeqNo:	306783			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 6.541 0.20 2.5 4.893 65.9 80 120 0 0 S

Sample ID	057941-002AMS	SampType:	MS	TestCode:	7420_TC	Units:	mg/L	Prep Date:	7/25/2002	Run ID:	AA2_020726C			
Client ID:	ZZZZZ	Batch ID:	9852	TestNo:	EPA 1311/ 74 (EPA 3010A)			Analysis Date:	7/26/2002	SeqNo:	306799			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 6.023 0.20 2.5 4.118 76.2 80 120 0 0 S

Sample ID	057937-051ADUP	SampType:	DUP	TestCode:	7420_TC	Units:	mg/L	Prep Date:	7/25/2002	Run ID:	AA2_020726B			
Client ID:	S94-S	Batch ID:	9851	TestNo:	EPA 1311/ 74 (EPA 3010A)			Analysis Date:	7/26/2002	SeqNo:	306781			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 4.12 0.20 0 0 0 0 0 4.893 17.2 30

Sample ID	057941-002ADUP	SampType:	DUP	TestCode:	7420_TC	Units:	mg/L	Prep Date:	7/25/2002	Run ID:	AA2_020726C			
Client ID:	ZZZZZ	Batch ID:	9852	TestNo:	EPA 1311/ 74 (EPA 3010A)			Analysis Date:	7/26/2002	SeqNo:	306798			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 6.357 0.20 0 0 0 0 0 4.118 42.8 30 R

Qualifiers: ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 I - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



CLIENT: Geocon Environmental  
Work Order: 057937  
Project: Rte 5 South, 09100-06-49

**ANALYTICAL QC SUMMARY REPORT**

TestCode: 7420\_DI

Sample ID	MB-9777	SampType:	MBLK	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/28/2002	Run ID:	AA2_020728H			
Client ID:	ZZZZZ	Batch ID:	9777	TestNo:	WET DI/ EPA (WET)			Analysis Date:	7/28/2002	SeqNo:	308438			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead		0.07936		0.20										

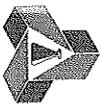
Sample ID	MB-9777A	SampType:	MBLK	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020728H			
Client ID:	ZZZZZ	Batch ID:	9777	TestNo:	WET DI/ EPA (WET)			Analysis Date:	7/28/2002	SeqNo:	308439			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead		ND		0.20										

Sample ID	MB-9777B	SampType:	MBLK	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020728H			
Client ID:	ZZZZZ	Batch ID:	9777	TestNo:	WET DI/ EPA (WET)			Analysis Date:	7/28/2002	SeqNo:	308452			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead		ND		0.20										

Sample ID	MB-9778	SampType:	MBLK	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/28/2002	Run ID:	AA2_020728I			
Client ID:	ZZZZZ	Batch ID:	9778	TestNo:	WET DI/ EPA (WET)			Analysis Date:	7/28/2002	SeqNo:	308467			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead		ND		0.20										

Sample ID	MB-9778A	SampType:	MBLK	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020728I			
Client ID:	ZZZZZ	Batch ID:	9778	TestNo:	WET DI/ EPA (WET)			Analysis Date:	7/28/2002	SeqNo:	308468			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead		ND		0.20										

Qualifiers: ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



CLIENT: Geocon Environmental  
Work Order: 057937  
Project: Rte 5 South, 09100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 7420\_DI

Sample ID	<b>MB-9778B</b>	SampType:	<b>MBLK</b>	TestCode:	<b>7420_DI</b>	Units:	<b>mg/L</b>	Prep Date:	<b>7/23/2002</b>	Run ID:	<b>AA2_020728I</b>		
Client ID:	<b>ZZZZZ</b>	Batch ID:	<b>9778</b>	TestNo:	<b>WET DI/ EPA (WET)</b>	Analysis Date:	<b>7/28/2002</b>	SeqNo:	<b>308481</b>				
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 0.07969 0.20

Sample ID	<b>MB-9779</b>	SampType:	<b>MBLK</b>	TestCode:	<b>7420_DI</b>	Units:	<b>mg/L</b>	Prep Date:	<b>7/28/2002</b>	Run ID:	<b>AA2_020728J</b>		
Client ID:	<b>ZZZZZ</b>	Batch ID:	<b>9779</b>	TestNo:	<b>WET DI/ EPA (WET)</b>	Analysis Date:	<b>7/28/2002</b>	SeqNo:	<b>308496</b>				
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead ND 0.20

Sample ID	<b>MB-9779A</b>	SampType:	<b>MBLK</b>	TestCode:	<b>7420_DI</b>	Units:	<b>mg/L</b>	Prep Date:	<b>7/23/2002</b>	Run ID:	<b>AA2_020728J</b>		
Client ID:	<b>ZZZZZ</b>	Batch ID:	<b>9779</b>	TestNo:	<b>WET DI/ EPA (WET)</b>	Analysis Date:	<b>7/28/2002</b>	SeqNo:	<b>308497</b>				
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead ND 0.20

Sample ID	<b>MB-9779B</b>	SampType:	<b>MBLK</b>	TestCode:	<b>7420_DI</b>	Units:	<b>mg/L</b>	Prep Date:	<b>7/23/2002</b>	Run ID:	<b>AA2_020728J</b>		
Client ID:	<b>ZZZZZ</b>	Batch ID:	<b>9779</b>	TestNo:	<b>WET DI/ EPA (WET)</b>	Analysis Date:	<b>7/28/2002</b>	SeqNo:	<b>308510</b>				
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead ND 0.20

Sample ID	<b>MB-9780</b>	SampType:	<b>MBLK</b>	TestCode:	<b>7420_DI</b>	Units:	<b>mg/L</b>	Prep Date:	<b>7/28/2002</b>	Run ID:	<b>AA2_020728K</b>		
Client ID:	<b>ZZZZZ</b>	Batch ID:	<b>9780</b>	TestNo:	<b>WET DI/ EPA (WET)</b>	Analysis Date:	<b>7/28/2002</b>	SeqNo:	<b>308525</b>				
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead ND 0.20

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



CLIENT: Geocon Environmental  
Work Order: 057937  
Project: Rte 5 South, 09100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 7420\_DI

Sample ID	MB-9780A	SampType: MBLK	TestCode: 7420_DI	Units: mg/L	Prep Date: 7/23/2002	Run ID: AA2_020728K
Client ID:	ZZZZZ	Batch ID: 9780	TestNo: WET DI/ EPA (WET)		Analysis Date: 7/28/2002	SeqNo: 308526
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Lead 0.05895 0.20

Sample ID	MB-9780B	SampType: MBLK	TestCode: 7420_DI	Units: mg/L	Prep Date: 7/23/2002	Run ID: AA2_020728K
Client ID:	ZZZZZ	Batch ID: 9780	TestNo: WET DI/ EPA (WET)		Analysis Date: 7/28/2002	SeqNo: 308539
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Lead ND 0.20

Sample ID	MB-9781	SampType: MBLK	TestCode: 7420_DI	Units: mg/L	Prep Date: 7/28/2002	Run ID: AA2_020728L
Client ID:	ZZZZZ	Batch ID: 9781	TestNo: WET DI/ EPA (WET)		Analysis Date: 7/28/2002	SeqNo: 308554
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Lead 0.08497 0.20

Sample ID	MB-9781A	SampType: MBLK	TestCode: 7420_DI	Units: mg/L	Prep Date: 7/23/2002	Run ID: AA2_020728L
Client ID:	ZZZZZ	Batch ID: 9781	TestNo: WET DI/ EPA (WET)		Analysis Date: 7/28/2002	SeqNo: 308555
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Lead ND 0.20

Sample ID	MB-9781B	SampType: MBLK	TestCode: 7420_DI	Units: mg/L	Prep Date: 7/23/2002	Run ID: AA2_020728L
Client ID:	ZZZZZ	Batch ID: 9781	TestNo: WET DI/ EPA (WET)		Analysis Date: 7/28/2002	SeqNo: 308568
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Lead ND 0.20

Qualifiers: ND - Not Detected at the Reporting Limit    S - Spike Recovery outside accepted recovery limits    DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits    B - Analyte detected in the associated Method Blank    H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits    Calculations are based on raw values



CLIENT: Geocon Environmental  
Work Order: 057937  
Project: Rte 5 South, 09100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 7420\_DI

Sample ID	LCS-9777	SampType:	LCS	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/28/2002	Run ID:	AA2_020728H			
Client ID:	ZZZZZ	Batch ID:	9777	TestNo:	WET DI/ EPA (WET)			Analysis Date:	7/28/2002	SeqNo:	308466			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	7.496	0.20	7.5	0	99.9	80	120	0	0					
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Sample ID	LCS-9778	SampType:	LCS	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/28/2002	Run ID:	AA2_020728I			
Client ID:	ZZZZZ	Batch ID:	9778	TestNo:	WET DI/ EPA (WET)			Analysis Date:	7/28/2002	SeqNo:	308495			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	7.485	0.20	7.5	0	99.8	80	120	0	0					
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Sample ID	LCS-9779	SampType:	LCS	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/28/2002	Run ID:	AA2_020728J			
Client ID:	ZZZZZ	Batch ID:	9779	TestNo:	WET DI/ EPA (WET)			Analysis Date:	7/28/2002	SeqNo:	308524			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	7.517	0.20	7.5	0	100	80	120	0	0					
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Sample ID	LCS-9780	SampType:	LCS	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/28/2002	Run ID:	AA2_020728K			
Client ID:	ZZZZZ	Batch ID:	9780	TestNo:	WET DI/ EPA (WET)			Analysis Date:	7/28/2002	SeqNo:	308553			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	7.814	0.20	7.5	0	104	80	120	0	0					
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Sample ID	LCS-9781	SampType:	LCS	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/28/2002	Run ID:	AA2_020728L			
Client ID:	ZZZZZ	Batch ID:	9781	TestNo:	WET DI/ EPA (WET)			Analysis Date:	7/28/2002	SeqNo:	308582			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	7.49	0.20	7.5	0	99.9	80	120	0	0					
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Qualifiers: ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DC - Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



CLIENT: Geocon Environmental  
Work Order: 057937  
Project: Rte 5 South, 09100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 7420\_DI

Sample ID	057937-005AMS	SampType: MS	TestCode: 7420_DI	Units: mg/L	Prep Date: 7/28/2002	Run ID: AA2_020728H					
Client ID:	S82-S	Batch ID: 9777	TestNo: WET DI/ EPA (WET)	Analysis Date: 7/28/2002	SeqNo: 308451						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 8.395 0.20 5 3.485 98.2 80 120 0 0

Sample ID	057937-017AMS	SampType: MS	TestCode: 7420_DI	Units: mg/L	Prep Date: 7/28/2002	Run ID: AA2_020728H					
Client ID:	S85-S	Batch ID: 9777	TestNo: WET DI/ EPA (WET)	Analysis Date: 7/28/2002	SeqNo: 308464						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 5.336 0.20 5 0.499 96.7 80 120 0 0

Sample ID	057937-033AMS	SampType: MS	TestCode: 7420_DI	Units: mg/L	Prep Date: 7/28/2002	Run ID: AA2_020728I					
Client ID:	S89-1	Batch ID: 9778	TestNo: WET DI/ EPA (WET)	Analysis Date: 7/28/2002	SeqNo: 308480						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 9.807 0.20 5 5.004 96.1 80 120 0 0

Sample ID	057937-046AMS	SampType: MS	TestCode: 7420_DI	Units: mg/L	Prep Date: 7/28/2002	Run ID: AA2_020728I					
Client ID:	S92-2	Batch ID: 9778	TestNo: WET DI/ EPA (WET)	Analysis Date: 7/28/2002	SeqNo: 308493						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 6.815 0.20 5 1.842 99.4 80 120 0 0

Sample ID	057937-057AMS	SampType: MS	TestCode: 7420_DI	Units: mg/L	Prep Date: 7/28/2002	Run ID: AA2_020728J					
Client ID:	S95-3	Batch ID: 9779	TestNo: WET DI/ EPA (WET)	Analysis Date: 7/28/2002	SeqNo: 308509						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 5.449 0.20 5 0.2881 103 80 120 0 0

Qualifiers: ND - Not Detected at the Reporting Limit    S - Spike Recovery outside accepted recovery limits    DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits    B - Analyte detected in the associated Method Blank    H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits    Calculations are based on raw values



CLIENT: Geocon Environmental  
Work Order: 057937  
Project: Rte 5 South, 09100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 7420\_DI

Sample ID	057937-072AMS	SampType:	MS	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/28/2002	Run ID:	AA2_020728J			
Client ID:	S99-2	Batch ID:	9779	TestNo:	WET DI/ EPA (WET)			Analysis Date:	7/28/2002	SeqNo:	308522			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	7.507	0.20	5	2.539	99.4	80	120	0	0					
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Sample ID	057937-085AMS	SampType:	MS	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/28/2002	Run ID:	AA2_020728K			
Client ID:	S103-1	Batch ID:	9780	TestNo:	WET DI/ EPA (WET)			Analysis Date:	7/28/2002	SeqNo:	308538			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	5.553	0.20	5	0.6106	98.8	80	120	0	0					
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Sample ID	057937-099AMS	SampType:	MS	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/28/2002	Run ID:	AA2_020728K			
Client ID:	S107-1	Batch ID:	9780	TestNo:	WET DI/ EPA (WET)			Analysis Date:	7/28/2002	SeqNo:	308551			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	5.496	0.20	5	0.2416	105	80	120	0	0					
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Sample ID	057941-011AMS	SampType:	MS	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/28/2002	Run ID:	AA2_020728L			
Client ID:	ZZZZZ	Batch ID:	9781	TestNo:	WET DI/ EPA (WET)			Analysis Date:	7/28/2002	SeqNo:	308567			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	6.296	0.20	5	1.277	100	80	120	0	0					
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Sample ID	057942-013AMS	SampType:	MS	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/28/2002	Run ID:	AA2_020728L			
Client ID:	ZZZZZ	Batch ID:	9781	TestNo:	WET DI/ EPA (WET)			Analysis Date:	7/28/2002	SeqNo:	308580			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	5.719	0.20	5	0.5237	104	80	120	0	0					
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**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO - Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



CLIENT: Geocon Environmental  
Work Order: 057937  
Project: Rte 5 South, 09100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 7420\_DI

Sample ID	057937-046AMSD	SampType:	MSD	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/28/2002	Run ID:	AA2_020728I		
Client ID:	S92-2	Batch ID:	9778	TestNo:	WET DI/ EPA (WET)			Analysis Date:	7/28/2002	SeqNo:	308494		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 6.796 0.20 5 1.842 99.1 80 120 6.815 0.280 20

Sample ID	057937-005ADUP	SampType:	DUP	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020728H		
Client ID:	S82-S	Batch ID:	9777	TestNo:	WET DI/ EPA (WET)			Analysis Date:	7/28/2002	SeqNo:	308450		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 3.798 0.20 0 0 0 0 0 3.485 8.60 30

Sample ID	057937-017ADUP	SampType:	DUP	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020728H		
Client ID:	S85-S	Batch ID:	9777	TestNo:	WET DI/ EPA (WET)			Analysis Date:	7/28/2002	SeqNo:	308463		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 0.3615 0.20 0 0 0 0 0 0.499 32.0 30 R

Sample ID	057937-033ADUP	SampType:	DUP	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020728I		
Client ID:	S89-1	Batch ID:	9778	TestNo:	WET DI/ EPA (WET)			Analysis Date:	7/28/2002	SeqNo:	308479		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 5.442 0.20 0 0 0 0 0 5.004 8.39 30

Sample ID	057937-046ADUP	SampType:	DUP	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020728I		
Client ID:	S92-2	Batch ID:	9778	TestNo:	WET DI/ EPA (WET)			Analysis Date:	7/28/2002	SeqNo:	308492		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 1.207 0.20 0 0 0 0 0 1.842 41.7 30 R

Qualifiers: ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



CLIENT: Geocon Environmental  
Work Order: 057937  
Project: Rte 5 South, 09100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 7420\_DI

Sample ID	057937-057ADUP	SampType:	DUP	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020728J
Client ID:	S95-3	Batch ID:	9779	TestNo:	WET DI/ EPA (WET)			Analysis Date:	7/28/2002	SeqNo:	308508
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	0.2534	0.20	0	0	0	0	0	0.2881	12.8	30	
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Sample ID	057937-072ADUP	SampType:	DUP	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020728J
Client ID:	S99-2	Batch ID:	9779	TestNo:	WET DI/ EPA (WET)			Analysis Date:	7/28/2002	SeqNo:	308521
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	2.442	0.20	0	0	0	0	0	2.539	3.88	30	
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Sample ID	057937-085ADUP	SampType:	DUP	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020728K
Client ID:	S103-1	Batch ID:	9780	TestNo:	WET DI/ EPA (WET)			Analysis Date:	7/28/2002	SeqNo:	308537
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	0.5608	0.20	0	0	0	0	0	0.6106	8.51	30	
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Sample ID	057937-099ADUP	SampType:	DUP	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020728K
Client ID:	S107-1	Batch ID:	9780	TestNo:	WET DI/ EPA (WET)			Analysis Date:	7/28/2002	SeqNo:	308550
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	0.2393	0.20	0	0	0	0	0	0.2416	0.951	30	
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Sample ID	057941-011ADUP	SampType:	DUP	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020728L
Client ID:	ZZZZZ	Batch ID:	9781	TestNo:	WET DI/ EPA (WET)			Analysis Date:	7/28/2002	SeqNo:	308566
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	1.094	0.20	0	0	0	0	0	1.277	15.4	30	
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 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



CLIENT: Geocon Environmental  
Work Order: 057937  
Project: Rte 5 South, 09100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 7420\_DI

Sample ID	057942-013ADUP	SampType:	DUP	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020728L		
Client ID:	ZZZZZ	Batch ID:	9781	TestNo:	WET DI/ EPA (WET)			Analysis Date:	7/28/2002	SeqNo:	308579		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead		0.6276		0.20	0	0	0	0	0	0.5237	18.0	30	

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 R - RPD outside accepted recovery limits      **Calculafions are based on raw values**



Advanced Technology Laboratories

Date: 30-Jul-02

CLIENT: Geocon Environmental  
Work Order: 057937  
Project: Rte 5 South, 09100-06-49

**ANALYTICAL QC SUMMARY REPORT**

TestCode: 6010\_S

Sample ID <b>MB-9918</b>	SampType: <b>MBLK</b>	TestCode: <b>6010_S</b>	Units: <b>mg/Kg</b>	Prep Date: <b>7/28/2002</b>	Run ID: <b>ICP2_020729E</b>						
Client ID: <b>ZZZZZ</b>	Batch ID: <b>9918</b>	TestNo: <b>EPA 6010B (EPA 3050A)</b>		Analysis Date: <b>7/29/2002</b>	SeqNo: <b>309146</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Antimony	ND	0.25									
Arsenic	0.0135	0.25									
Barium	ND	0.15									
Beryllium	ND	0.15									
Cadmium	0.002	0.15									
Chromium	ND	0.15									
Cobalt	0.037	0.15									
Copper	ND	0.15									
Lead	0.214	0.25									
Molybdenum	0.048	0.25									
Nickel	ND	0.15									
Selenium	ND	0.25									
Silver	ND	0.15									
Thallium	ND	0.25									
Vanadium	ND	0.15									
Zinc	0.152	0.50									

Sample ID <b>LCS-9918</b>	SampType: <b>LCS</b>	TestCode: <b>6010_S</b>	Units: <b>mg/Kg</b>	Prep Date: <b>7/28/2002</b>	Run ID: <b>ICP2_020729E</b>						
Client ID: <b>ZZZZZ</b>	Batch ID: <b>9918</b>	TestNo: <b>EPA 6010B (EPA 3050A)</b>		Analysis Date: <b>7/29/2002</b>	SeqNo: <b>309147</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Antimony	47.5	0.25	50	0	95	80	120	0	0		
Arsenic	47.5	0.25	50	0	95	80	120	0	0		
Barium	48.5	0.15	50	0	97	80	120	0	0		
Beryllium	46.5	0.15	50	0	93	80	120	0	0		
Cadmium	44	0.15	50	0	88	80	120	0	0		
Chromium	46	0.15	50	0	92	80	120	0	0		
Cobalt	44.5	0.15	50	0	89	80	120	0	0		
Copper	45.5	0.15	50	0	91	80	120	0	0		

Qualifiers: ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



CLIENT: Geocon Environmental  
Work Order: 057937  
Project: Rte 5 South, 09100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 6010\_S

Sample ID	SampType	TestCode	Units	Prep Date	Run ID						
LCS-9918	LCS	6010_S	mg/Kg	7/28/2002	ICP2_020729E						
Client ID: ZZZZZ	Batch ID: 9918	TestNo: EPA 6010B (EPA 3050A)		Analysis Date: 7/29/2002	SeqNo: 309147						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	45.5	0.25	50	0	91	80	120	0	0		
Molybdenum	47	0.25	50	0	94	80	120	0	0		
Nickel	43.5	0.15	50	0	87	80	120	0	0		
Selenium	45.5	0.25	50	0	91	80	120	0	0		
Silver	46	0.15	50	0	92	80	120	0	0		
Thallium	46.5	0.25	50	0	93	80	120	0	0		
Vanadium	47.5	0.15	50	0	95	80	120	0	0		
Zinc	45.5	0.50	50	0	91	80	120	0	0		

Sample ID	SampType	TestCode	Units	Prep Date	Run ID						
057937-095AMS	MS	6010_S	mg/Kg	7/28/2002	ICP2_020729E						
Client ID: S106-1	Batch ID: 9918	TestNo: EPA 6010B (EPA 3050A)		Analysis Date: 7/29/2002	SeqNo: 309158						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	111.5	0.25	125	2	87.6	32	115	0	0		
Arsenic	141.5	0.25	125	20	97.2	59	111	0	0		
Barium	338	0.15	125	207	105	34	151	0	0		
Beryllium	119.5	0.15	125	0	95.6	56	112	0	0		
Cadmium	114	0.15	125	0.2175	91	52	120	0	0		
Chromium	149	0.15	125	26.5	98	56	118	0	0		
Cobalt	120.5	0.15	125	5.5	92	58	117	0	0		
Copper	225.5	0.15	125	69.5	125	58	134	0	0		
Molybdenum	123.5	0.25	125	3	96.4	56	115	0	0		
Nickel	135	0.15	125	16	95.2	52	120	0	0		
Selenium	118	0.25	125	0	94.4	46	108	0	0		
Silver	128.5	0.15	125	1	102	74	117	0	0		
Thallium	118	0.25	125	0.5	94	62	117	0	0		
Vanadium	147.5	0.15	125	22.5	100	55	122	0	0		
Zinc	636.5	0.50	125	433.5	162	43	134	0	0		S

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



CLIENT: Geocon Environmental  
Work Order: 057937  
Project: Rte 5 South, 09100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 6010\_S

Sample ID	057937-095AMS	SampType:	MS	TestCode:	6010_S	Units:	mg/Kg	Prep Date:	7/28/2002	Run ID:	ICP2_020729E			
Client ID:	S106-1	Batch ID:	9918	TestNo:	EPA 6010B (EPA 3050A)			Analysis Date:	7/29/2002	SeqNo:	309200			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	3610	2.5	125	3220	312	47	128	0	0	S
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Sample ID	057937-095AMSD	SampType:	MSD	TestCode:	6010_S	Units:	mg/Kg	Prep Date:	7/28/2002	Run ID:	ICP2_020729E			
Client ID:	S106-1	Batch ID:	9918	TestNo:	EPA 6010B (EPA 3050A)			Analysis Date:	7/29/2002	SeqNo:	309159			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Antimony	106	0.25	125	2	83.2	32	115	111.5	5.06	20
Arsenic	132	0.25	125	20	89.6	59	111	141.5	6.95	20
Barium	301	0.15	125	207	75.2	34	151	338	11.6	20
Beryllium	113	0.15	125	0	90.4	56	112	119.5	5.59	20
Cadmium	108	0.15	125	0.2175	86.2	52	120	114	5.41	20
Chromium	139.5	0.15	125	26.5	90.4	56	118	149	6.59	20
Cobalt	114	0.15	125	5.5	88.8	58	117	120.5	5.54	20
Copper	233	0.15	125	69.5	131	58	134	225.5	3.27	20
Molybdenum	116.5	0.25	125	3	90.8	56	115	123.5	5.83	20
Nickel	127.5	0.15	125	16	89.2	52	120	135	5.71	20
Selenium	112	0.25	125	0	89.6	46	108	118	5.22	20
Silver	121	0.15	125	1	96	74	117	128.5	6.01	20
Thallium	112.5	0.25	125	0.5	89.6	62	117	118	4.77	20
Vanadium	138	0.15	125	22.5	92.4	55	122	147.5	6.65	20
Zinc	557	0.50	125	433.5	98.8	43	134	636.5	13.3	20

Sample ID	057937-095AMSD	SampType:	MSD	TestCode:	6010_S	Units:	mg/Kg	Prep Date:	7/28/2002	Run ID:	ICP2_020729E			
Client ID:	S106-1	Batch ID:	9918	TestNo:	EPA 6010B (EPA 3050A)			Analysis Date:	7/29/2002	SeqNo:	309201			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	2995	2.5	125	3220	-180	47	128	3610	18.6	20	S
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Qualifiers: ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO - Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



CLIENT: Geocon Environmental  
Work Order: 057937  
Project: Rte 5 South, 09100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 6010\_S

Sample ID	SampType	TestCode	Units	Prep Date	Run ID						
057937-095ADUP	DUP	6010_S	mg/Kg	7/28/2002	ICP2_020729E						
Client ID: S106-1	Batch ID: 9918	TestNo: EPA 6010B (EPA 3050A)		Analysis Date: 7/29/2002	SeqNo: 309157						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	2	0.25	0	0	0	0	0	2	0	30	
Arsenic	18	0.25	0	0	0	0	0	20	10.5	30	
Barium	189.5	0.15	0	0	0	0	0	207	8.83	30	
Beryllium	ND	0.15	0	0	0	0	0	0	0	30	
Cadmium	0.5	0.15	0	0	0	0	0	0.2175	78.7	30	R
Chromium	22.5	0.15	0	0	0	0	0	26.5	16.3	30	
Cobalt	4.5	0.15	0	0	0	0	0	5.5	20.0	30	
Copper	77.5	0.15	0	0	0	0	0	69.5	10.9	30	
Molybdenum	4	0.25	0	0	0	0	0	3	28.6	30	
Nickel	17.5	0.15	0	0	0	0	0	16	8.96	30	
Selenium	ND	0.25	0	0	0	0	0	0	0	30	
Silver	1	0.15	0	0	0	0	0	1	0	30	
Thallium	0.5	0.25	0	0	0	0	0	0.5	0	30	
Vanadium	19.5	0.15	0	0	0	0	0	22.5	14.3	30	
Zinc	505.5	0.50	0	0	0	0	0	433.5	15.3	30	

Sample ID	SampType	TestCode	Units	Prep Date	Run ID						
057937-095ADUP	DUP	6010_S	mg/Kg	7/28/2002	ICP2_020729E						
Client ID: S106-1	Batch ID: 9918	TestNo: EPA 6010B (EPA 3050A)		Analysis Date: 7/29/2002	SeqNo: 309199						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	2880	2.5	0	0	0	0	0	3220	11.1	30	

Qualifiers: ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
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 R - RPD outside accepted recovery limits      Calculations are based on raw values



CLIENT: Geocon Environmental  
Work Order: 057937  
Project: Rte 5 South, 09100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 7471\_S

Sample ID	MB-9921	SampType:	mblk	TestCode:	7471_S	Units:	mg/Kg	Prep Date:	7/28/2002	Run ID:	AA1_020729C		
Client ID:	ZZZZZ	Batch ID:	9921	TestNo:	EPA 7471A (EPA 7471)	Analysis Date:	7/29/2002	SeqNo:	309095				
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Mercury ND 0.10

Sample ID	LCS-9921	SampType:	lcs	TestCode:	7471_S	Units:	mg/Kg	Prep Date:	7/28/2002	Run ID:	AA1_020729C		
Client ID:	ZZZZZ	Batch ID:	9921	TestNo:	EPA 7471A (EPA 7471)	Analysis Date:	7/29/2002	SeqNo:	309094				
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Mercury 2.243 0.10 2.08 0 108 80 120 0 0

Sample ID	057937-095AMS	SampType:	MS	TestCode:	7471_S	Units:	mg/Kg	Prep Date:	7/28/2002	Run ID:	AA1_020729C		
Client ID:	S106-1	Batch ID:	9921	TestNo:	EPA 7471A (EPA 7471)	Analysis Date:	7/29/2002	SeqNo:	309092				
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Mercury 1.001 0.10 0.83 0.08152 111 62 146 0 0

Sample ID	057937-095AMSD	SampType:	MSD	TestCode:	7471_S	Units:	mg/Kg	Prep Date:	7/28/2002	Run ID:	AA1_020729C		
Client ID:	S106-1	Batch ID:	9921	TestNo:	EPA 7471A (EPA 7471)	Analysis Date:	7/29/2002	SeqNo:	309093				
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Mercury 0.9873 0.10 0.83 0.08152 109 62 146 1.001 1.35 33

Sample ID	057937-095ADUP	SampType:	DUP	TestCode:	7471_S	Units:	mg/Kg	Prep Date:	7/28/2002	Run ID:	AA1_020729C		
Client ID:	S106-1	Batch ID:	9921	TestNo:	EPA 7471A (EPA 7471)	Analysis Date:	7/29/2002	SeqNo:	309091				
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Mercury 0.09527 0.10 0 0 0 0 0 0.08152 0 30 J

Qualifiers: ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO - Surrogate dilute out  
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 R - RPD outside accepted recovery limits      Calculations are based on raw values

All samples → total lead (6010)

total lead > 50 mg/kg → WET-Citric

WET-CITRIC > 5 mg/L → WET-DI

Total lead > 1,000 mg/kg → TCLP

10% → Soil pH (9045)

Please call when all totals have been run. I will instruct what samples should be run for Title 22 metals.

Thanks - Chris King

REVISIONS  
BY \_\_\_\_\_ DATE \_\_\_\_\_  
BY \_\_\_\_\_ DATE \_\_\_\_\_

BY \_\_\_\_\_ DATE \_\_\_\_\_  
CHECKED BY \_\_\_\_\_

**Diane**

---

**From:** Chris King [king@geoconinc.com]  
**Sent:** Monday, July 22, 2002 10:57 AM  
**To:** 'Diane'  
**Subject:** 09100-06-49

Diane - please run the 15 samples with the highest total lead content for Title 22 metals. Please do this for each direction (northbound and southbound), so the total number of tests will be 30. Thank you and please call me if you have any questions.

Christopher S. King  
Senior Staff Engineer  
Geocon Consultants, Inc.

7/22/2002

**Diane**

---

**From:** Chris King [king@geoconinc.com]

**Sent:** Tuesday, July 23, 2002 2:47 PM

**To:** 'Diane'

**Subject:** 09100-06-49

Would you please rerun sample EB-38 (057937-110A) for total lead. Thank You!

Christopher S. King  
Senior Staff Engineer  
Geocon Consultants, Inc.

7/23/2002

July 19, 2002

Chris King  
Geocon Environmental  
6970 Flanders Drive  
San Diego, CA 92121  
TEL: (858) 558-6100  
FAX: (858) 558-8437

AUG 05 2002

RE: Rte 5 - Southbound, 09100-06-49

ELAP No.: 1838

NELAP No.: 02107CA

Attention: Chris King

Workorder No.: 057898

Enclosed are the results for sample(s) received on July 12, 2002 by Advanced Technology Laboratories and tested for the parameters indicated in the enclosed chain of custody.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (562)989-4045 if I can be of further assistance to your company.

Sincerely,



Eddie F. Rodriguez  
Laboratory Director

This cover letter is an integral part of this analytical report.





# CHAIN OF CUSTODY RECORD



**Advanced Technology  
Laboratories**  
3275 Walnut Avenue  
Signal Hill, CA 90807  
(562) 989-4045 • FAX (562) 989-4040

## FOR LABORATORY USE ONLY:

P.O.#: _____	Method of Transport Walk-in <input type="checkbox"/> Courier <input type="checkbox"/> UPS <input type="checkbox"/> FED. EXP. <input type="checkbox"/> ATL <input type="checkbox"/>	Sample Condition Upon Receipt 1. CHILLED Y <input type="checkbox"/> N <input type="checkbox"/> 4. SEALED Y <input type="checkbox"/> N <input type="checkbox"/> 2. HEADSPACE (VOA) Y <input type="checkbox"/> N <input type="checkbox"/> 5. # OF SPLS MATCH COC Y <input type="checkbox"/> N <input type="checkbox"/> 3. CONTAINER INTACT Y <input type="checkbox"/> N <input type="checkbox"/> 6. PRESERVED Y <input type="checkbox"/> N <input type="checkbox"/>
Logged By: _____ Date: _____ Time: _____		

Client: <b>GEOCON ENVIRONMENTAL - SAN DIEGO</b>	Address: 6970 Flanders Drive	TEL: ( 858 ) 558-6100
Attn: <b>Chris King</b>	City San Diego State CA Zip Code 92121	FAX: ( 858 ) 558-8437

Project Name: <b>Rte 5 Southbound</b>	Project #: <b>09100-06-49</b>	Sampler: <b>CGB/GAC</b> (Printed Name)	(Signature)
Relinquished by: (Signature and Printed Name) <b>CHAD BEATOR</b>	Date: <b>7-12-02</b>	Time: _____	Received by: (Signature and Printed Name) _____
Relinquished by: (Signature and Printed Name) _____	Date: _____	Time: _____	Received by: (Signature and Printed Name) _____
Relinquished by: (Signature and Printed Name) _____	Date: _____	Time: _____	Received by: (Signature and Printed Name) _____

I hereby authorize ATL to perform the work indicated below: Project Mgr /Submitter: <b>Chris King</b> <b>7-12-02</b> <b>Fol Chris King</b> (Signature)	Send Report To: Attn: <b>Client</b> Co: <b>Client</b> Address _____ City _____ State _____ Zip _____	Bill To: Attn: <b>Client</b> Co: <b>Client</b> Address _____ City _____ State _____ Zip _____	Special Instructions/Comments: <b>SEE PAGE 1</b>
---	--	---	---

Unless otherwise requested, all samples will be disposed 45 days after receipt.	Sample Archive/Disposal: <input type="checkbox"/> Laboratory Standard <input type="checkbox"/> Other _____ <input type="checkbox"/> Return To: _____ <b>* \$10.00 FEE PER HAZARDOUS SAMPLE DISPOSAL.</b>	Circle or Add Analysis(es) Requested <b>8091 / 8092 (Pesticides/PCB-GC)</b> <b>8280 (Volatile/OC/MS)</b> <b>825 / 8270 (BNA-GC/MS)</b> <b>Metals: Total (CAC-8010 / 7200)</b> <b>8015M TPH/GSTEX (COMBINATION)</b> <b>8015M TPH/GSTEX (Diesel-GC)</b> <b>TOTAL LAB GOLD</b>	CIRCLE APPROPRIATE MATRIX SOLID (SOL) • SLUDGE OIL • SOLVENT • LIQUID WATER • WASTEWATER DRINKING WATER AIR WIPE • FILTER OTHER _____	PRESERVATION RTNE <input type="checkbox"/> RWQCB <input type="checkbox"/> WIP <input type="checkbox"/> NAVY <input type="checkbox"/> CT <input checked="" type="checkbox"/> OTHER _____
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ITEM	LAB USE ONLY:		Sample Description				CIRCLE APPROPRIATE MATRIX										PRESERVATION	REMARKS									
	Batch #:	Lab No.	Sample I.D.	Date	Time	8091 / 8092 (Pesticides/PCB-GC)	8280 (Volatile/OC/MS)	825 / 8270 (BNA-GC/MS)	Metals: Total (CAC-8010 / 7200)	8015M TPH/GSTEX (COMBINATION)	8015M TPH/GSTEX (Diesel-GC)	TOTAL LAB GOLD	SOLID (SOL) • SLUDGE	OIL • SOLVENT • LIQUID	WATER • WASTEWATER	DRINKING WATER			AIR	WIPE • FILTER	OTHER	TAT	#	Type			
		11	561-2	7-12-02	9:54																						
		12	561-3		9:59																						
		13	562-5		10:06																						
		14	562-1		10:10																						
		15	562-2		10:14																						
		16	562-3		10:18																						
		17	563-5		10:04																						
		18	563-1		10:09																						
		19	563-2		10:15																						
		20	563-3		10:21																						

• TAT starts 8 a.m. following day if samples received after 5 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 <sub>3</sub> S=H <sub>2</sub> SO <sub>4</sub> C=4°C Z=Zn(AC) <sub>2</sub> O=NaOH T=Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub>
Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal						

# CHAIN OF CUSTODY RECORD



## FOR LABORATORY USE ONLY:

P.O.#: _____  Logged By: _____ Date: _____ Time: _____	<b>Method of Transport</b> Walk-in <input type="checkbox"/> Courier <input type="checkbox"/> UPS <input type="checkbox"/> FED. EXP. <input type="checkbox"/> ATL <input type="checkbox"/>	<b>Sample Condition Upon Receipt</b> 1. CHILLED Y <input type="checkbox"/> N <input type="checkbox"/> 4. SEALED Y <input type="checkbox"/> N <input type="checkbox"/> 2. HEADSPACE (VOA) Y <input type="checkbox"/> N <input type="checkbox"/> 5. # OF SPLS MATCH COC Y <input type="checkbox"/> N <input type="checkbox"/> 3. CONTAINER INTACT Y <input type="checkbox"/> N <input type="checkbox"/> 6. PRESERVED Y <input type="checkbox"/> N <input type="checkbox"/>
--	--	---

Client: <b>GEOCON ENVIRONMENTAL - SAN DIEGO</b>	Address: 6970 Flanders Drive	TEL: ( 858 ) 558-6100
Attn: <b>Chris King</b>	City San Diego State CA Zip Code 92121	FAX: ( 858 ) 558-8437

Project Name: <b>RTE 5 Southbound</b>	Project #: <b>09100-06-49</b>	Sampler: <b>CGB/GCA</b> (Printed Name)	(Signature)
Relinquished by: (Signature and Printed Name) <b>CHAD BEAR</b>	Date: <b>7-12-02</b>	Time: _____	Received by: (Signature and Printed Name) _____
Relinquished by: (Signature and Printed Name)	Date: _____	Time: _____	Received by: (Signature and Printed Name)
Relinquished by: (Signature and Printed Name)	Date: _____	Time: _____	Received by: (Signature and Printed Name)

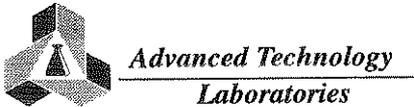
I hereby authorize ATL to perform the work indicated below: Project Mgr /Submitter: <b>Chris King</b> <u>7-12-02</u> Print Name Date <b>For Chris King</b> Signature	Send Report To: Attn: _____ Co: <b>Client</b> Address _____ City _____ State _____ Zip _____	Bill To: Attn: _____ Co: <b>Client</b> Address _____ City _____ State _____ Zip _____	Special Instructions/Comments:
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Unless otherwise requested, all samples will be disposed 45 days after receipt.	Sample Archive/Disposal: <input type="checkbox"/> Laboratory Standard <input type="checkbox"/> Other _____ <input type="checkbox"/> Return To: _____ * \$10.00 FEE PER HAZARDOUS SAMPLE DISPOSAL.	Circle or Add Analysis(es) Requested 8001 / 8002 (Pesticides/PCB-GC) 8200 (V Volatiles-GC/MS) 8203 / 8270 (BVA-GC/MS) Metals: Total (CAC-8010 / 7000) 8015M TPH/GT/EX (COMBINATION) 8015M TPH/D (Diesel-GC) <b>TOTAL LEAD 6016</b>	CIRCLE APPROPRIATE MATRIX SOLID (SOIL) • SLUDGE OIL • SOLVENT • LIQUID WATER • WASTEWATER DRINKING WATER AIR WIPE • FILTER OTHER	PRESERVATION RTNE <input type="checkbox"/> RWQCB <input type="checkbox"/> WIP <input type="checkbox"/> NAVY <input type="checkbox"/> CT <input checked="" type="checkbox"/> OTHER
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ITEM	LAB USE ONLY:		Sample Description				CIRCLE APPROPRIATE MATRIX										PRESERVATION	REMARKS									
	Batch #:	Lab No.	Sample I.D.	Date	Time	8001 / 8002 (Pesticides/PCB-GC)	8200 (V Volatiles-GC/MS)	8203 / 8270 (BVA-GC/MS)	Metals: Total (CAC-8010 / 7000)	8015M TPH/GT/EX (COMBINATION)	8015M TPH/D (Diesel-GC)	TOTAL LEAD 6016	SOLID (SOIL) • SLUDGE	OIL • SOLVENT • LIQUID	WATER • WASTEWATER	DRINKING WATER			AIR	WIPE • FILTER	OTHER	TAT	#	Type			
		21	SL4-5	7-12-02	1015						X																
		22	SL4-2		1019																						
		23	SL4-8		1023																						
		24	SL4-3		1027																						
		25	SL5-5		1036																						
		26	SL5-1		1040																						
		27	SL5-2		1044																						
		28	SL5-3		1048																						
		29	SL6-5		1038																						
		30	SL6-1		1049																						

• TAT starts 8 a.m. following day if samples received after 5 p.m.	TAT: A= <input type="checkbox"/> Overnight ≤ 24 hr B= <input type="checkbox"/> Emergency Next workday C= <input type="checkbox"/> Critical 2 Workdays D= <input type="checkbox"/> Urgent 3 Workdays E= <input type="checkbox"/> Routine 7 Workdays	Preservatives: H=HCl N=HNO <sub>3</sub> S=H <sub>2</sub> SO <sub>4</sub> C=4°C Z=Zn(AC) <sub>2</sub> O=NaOH T=Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub>	Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal
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# CHAIN OF CUSTODY RECORD



**Advanced Technology Laboratories**  
 3275 Walnut Avenue  
 Signal Hill, CA 90807  
 (562) 989-4045 • FAX (562) 989-4040

## FOR LABORATORY USE ONLY:

P.O.#: _____  Logged By: _____ Date: _____ Time: _____	<b>Method of Transport</b> Walk-in <input type="checkbox"/> Courier <input type="checkbox"/> UPS <input type="checkbox"/> FED. EXP. <input type="checkbox"/> ATL <input type="checkbox"/>	<b>Sample Condition Upon Receipt</b> 1. CHILLED Y <input type="checkbox"/> N <input type="checkbox"/> 4. SEALED Y <input type="checkbox"/> N <input type="checkbox"/> 2. HEADSPACE (VOA) Y <input type="checkbox"/> N <input type="checkbox"/> 5. # OF SPLS MATCH COC Y <input type="checkbox"/> N <input type="checkbox"/> 3. CONTAINER INTACT Y <input type="checkbox"/> N <input type="checkbox"/> 6. PRESERVED Y <input type="checkbox"/> N <input type="checkbox"/>
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Client: <b>GEOCON ENVIRONMENTAL - SAN DIEGO</b>	Address: 6970 Flanders Drive	TEL: ( 858 ) 558-6100
Attn: <b>Chris King</b>	City San Diego State CA Zip Code 92121	FAX: ( 858 ) 558-8437

Project Name: <b>Rte 5 South bound</b>	Project #: <b>09100-06-49</b>	Sampler: <b>CGB/GCA</b> (Printed Name)	(Signature)
Relinquished by: (Signature and Printed Name) <b>CHAD BENDOR</b>	Date: <b>7-12-02</b>	Time: _____	Received by: (Signature and Printed Name)
Relinquished by: (Signature and Printed Name)	Date: _____	Time: _____	Received by: (Signature and Printed Name)
Relinquished by: (Signature and Printed Name)	Date: _____	Time: _____	Received by: (Signature and Printed Name)

I hereby authorize ATL to perform the work indicated below: Project Mgr /Submitter: <b>Chris King</b> 7-12-02 Print Name Date For Chris King Signature	Send Report To: Attn: _____ Co: <b>Client</b> Address _____ City _____ State _____ Zip _____	Bill To: Attn: _____ Co: <b>Client</b> Address _____ City _____ State _____ Zip _____	Special Instructions/Comments: <p style="font-size: 2em; text-align: center;">SEE PAGE 1</p>
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Unless otherwise requested, all samples will be disposed 45 days after receipt.	Sample Archive/Disposal: <input type="checkbox"/> Laboratory Standard <input type="checkbox"/> Other <input type="checkbox"/> Return To: _____ * \$10.00 FEE PER HAZARDOUS SAMPLE DISPOSAL.	Circle or Add Analysis(es) Requested 808 / 8082 (Pesticides/PCB-CO) 8260 (Xenobiotics-GC/MS) 825 / 8270 (BNA-GC/MS) Metals Total (CAC-8010 / 7000) 8015M TPH/STEX (COMBINATION) 8015M TPH/D (Diesel/GC) <b>TOTAL LEAD GOLD</b>	CIRCLE APPROPRIATE MATRIX SOLID (SOIL) SLUDGE OIL • SOLVENT • LIQUID WATER • WASTEWATER DRINKING WATER AIR WIPE • FILTER OTHER TAT	Container(s) # Type	PRESERVATION RTNE <input type="checkbox"/> RWQCB <input type="checkbox"/> WIP <input type="checkbox"/> NAVY <input type="checkbox"/> CT <input checked="" type="checkbox"/> OTHER	QA/QC REMARKS				
ITEM	LAB USE ONLY: Batch #: Lab No.	Sample Description Sample I.D.	Date	Time						
	31	566-2	7-12-02	1046	X	E	L	J	G	
	32	566-3		1050		X	X	X	X	
	33	567-5		1055						
	34	567-1		1100						
	35	567-2		1104						
	36	567-3		1105						
	37	568-5		1056						
	38	568-1		1103						
	39	568-2		1107						
	40	568-3		1121						

• TAT starts 8 a.m. following day if samples received after 5 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 <sub>3</sub> S=H <sub>2</sub> SO <sub>4</sub> C=4°C Z=Zn(AC) <sub>2</sub> O=NaOH T=Na <sub>2</sub> S <sub>2</sub> O <sub>8</sub>
Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal		



# CHAIN OF CUSTODY RECORD



**Advanced Technology Laboratories**  
 3275 Walnut Avenue  
 Signal Hill, CA 90807  
 (562) 989-4045 • FAX (562) 989-4040

## FOR LABORATORY USE ONLY:

P.O.#: _____  Logged By: _____ Date: _____ Time: _____	Method of Transport Walk-in <input type="checkbox"/> Courier <input type="checkbox"/> UPS <input type="checkbox"/> FED. EXP. <input type="checkbox"/> ATL <input type="checkbox"/>	Sample Condition Upon Receipt 1. CHILLED Y <input type="checkbox"/> N <input type="checkbox"/> 4. SEALED Y <input type="checkbox"/> N <input type="checkbox"/> 2. HEADSPACE (VOA) Y <input type="checkbox"/> N <input type="checkbox"/> 5. # OF SPLS MATCH COC Y <input type="checkbox"/> N <input type="checkbox"/> 3. CONTAINER INTACT Y <input type="checkbox"/> N <input type="checkbox"/> 6. PRESERVED Y <input type="checkbox"/> N <input type="checkbox"/>
--	---	--

Client: <b>GEOCON ENVIRONMENTAL - SAN DIEGO</b>	Address: 6970 Flanders Drive	TEL: ( 858 ) 558-6100
Attn: <b>Chris King</b>	City San Diego State CA Zip Code 92121	FAX: ( 858 ) 558-8437

Project Name: <b>Rt± 5 Southbound</b>	Project #: <b>09100-06-49</b>	Sampler: <b>CGB/GCA</b> (Printed Name)	(Signature)
Relinquished by: (Signature and Printed Name) <b>CHAD BEAROR</b>	Date: <b>7-12-02</b>	Time: _____	Received by: (Signature and Printed Name) _____
Relinquished by: (Signature and Printed Name)	Date: _____	Time: _____	Received by: (Signature and Printed Name)
Relinquished by: (Signature and Printed Name)	Date: _____	Time: _____	Received by: (Signature and Printed Name)

I hereby authorize ATL to perform the work indicated below: Project Mgr /Submitter: <b>Chris King</b> <b>7-12-02</b> Print Name Date <b>Fo Chris King</b> Signature	Send Report To: Attn: _____ Co: <b>Client</b> Address _____ City _____ State _____ Zip _____	Bill To: Attn: _____ Co: <b>Client</b> Address _____ City _____ State _____ Zip _____	Special Instructions/Comments: <p style="font-size: 2em; text-align: center;">SEE PAGE 2</p>
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Unless otherwise requested, all samples will be disposed 45 days after receipt.	Sample Archive/Disposal: <input type="checkbox"/> Laboratory Standard <input type="checkbox"/> Other _____ <input type="checkbox"/> Return To: _____ * \$10.00 FEE PER HAZARDOUS SAMPLE DISPOSAL.	Circle or Add Analysis(es) Requested 8091 / 8092 (Pesticides/PCB-GC) 8090 (Volatile-GC/MS) 805 / 8070 (BVA-GC/MS) Metals Total (CAC-8070 / 7000) 8015M TPH/BTEX (COMBINATION) 8015M TPH/D (Diesel-GC) <b>TOTAL LEAD GOLD</b>	CIRCLE APPROPRIATE MATRIX SOLID (SOIL) • SLUDGE OIL • SOLVENT • LIQUID WATER • WASTEWATER DRINKING WATER AIR WIPE • FILTER OTHER TAT # Type	Container(s) # Type	Q A / Q C RTNE <input type="checkbox"/> RWQCB <input type="checkbox"/> WIP <input type="checkbox"/> NAVY <input type="checkbox"/> CT <input checked="" type="checkbox"/> OTHER _____							
I T E M	LAB USE ONLY: Batch #: Lab No.	Sample Description Sample I.D.	Date	Time				TAT	#	Type	P R E S E R V A T I O N	R E M A R K S
	51	571-2	7-12-02	1149	X			E	1	JG		
	52	571-3		1153				X	X	X		
	53	572-5		1152								
	54	572-1		1157								
	55	572-2		1201								
	56	572-3		1206								
	57	573-5		1262								
	58	573-1		1217								
	59	573-2		1223								
	60	573-3		1229								

• TAT starts 8 a.m. following day if samples received after 5 p.m.	TAT: A= <input type="checkbox"/> Overnight ≤ 24 hr B= <input type="checkbox"/> Emergency Next workday C= <input type="checkbox"/> Critical 2 Workdays D= <input type="checkbox"/> Urgent 3 Workdays E= <input type="checkbox"/> Routine 7 Workdays	Preservatives: H=HCl N=HNO <sub>3</sub> S=H <sub>2</sub> SO <sub>4</sub> C=4°C Z=Zn(AC) <sub>2</sub> O=NaOH T=Na <sub>2</sub> S <sub>2</sub> O <sub>8</sub>	Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal
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# CHAIN OF CUSTODY RECORD



3275 Walnut Avenue  
Signal Hill, CA 90807  
(562) 989-4045 • FAX (562) 989-4040

## FOR LABORATORY USE ONLY:

P.O.#: _____  Logged By: _____ Date: _____ Time: _____	Method of Transport Walk-in <input type="checkbox"/> Courier <input type="checkbox"/> UPS <input type="checkbox"/> FED. EXP. <input type="checkbox"/> ATL <input type="checkbox"/>	Sample Condition Upon Receipt 1. CHILLED <input type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> 4. SEALED <input type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> 2. HEADSPACE (VOA) <input type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> 5. # OF SPLS MATCH COC <input type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> 3. CONTAINER INTACT <input type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> 6. PRESERVED <input type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/>
--	---	--

Client: <b>GEOCON ENVIRONMENTAL - SAN DIEGO</b>	Address: 6970 Flanders Drive	TEL: ( 858 ) 558-6100
Attn: <b>Chris King</b>	City San Diego State CA Zip Code 92121	FAX: ( 858 ) 558-8437

Project Name: <b>Rte 5 Southbound</b>	Project #: <b>09100-06-49</b>	Sampler: <b>CGB/GCA</b> (Printed Name)	(Signature)
Relinquished by: (Signature and Printed Name) <b>CHAO BEAVER</b>	Date: <b>7-10-02</b>	Time: _____	Received by: (Signature and Printed Name) _____
Relinquished by: (Signature and Printed Name) _____	Date: _____	Time: _____	Received by: (Signature and Printed Name) _____
Relinquished by: (Signature and Printed Name) _____	Date: _____	Time: _____	Received by: (Signature and Printed Name) _____

I hereby authorize ATL to perform the work indicated below: Project Mgr /Submitter: <b>Chris King</b> <b>7-10-02</b> Print Name Date <b>Chris King</b> Signature	Send Report To: Attn: _____ Co: <b>Client</b> Address _____ City _____ State _____ Zip _____	Bill To: Attn: _____ Co: <b>Client</b> Address _____ City _____ State _____ Zip _____	Special Instructions/Comments: <p style="font-size: 2em; text-align: center;">SEE PAGE 1</p>
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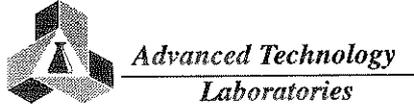
Unless otherwise requested, all samples will be disposed 45 days after receipt.	Sample Archive/Disposal: <input type="checkbox"/> Laboratory Standard <input type="checkbox"/> Other _____ <input type="checkbox"/> Return To: _____ * \$10.00 FEE PER HAZARDOUS SAMPLE DISPOSAL.	Circle or Add Analysis(es) Requested 8081 / 8082 (Pesticides/PCB-CC) 8083 (Volatiles-GC/MS) 805 / 8270 (BNA-GC/MS) Metals-Total (CAC-8010 / 7000) 8015M TPH/G/TEXT (COMBINATION) 8015M TPH/D (Diesel-GC) <b>TOTAL 1200 Labs</b>	CIRCLE APPROPRIATE MATRIX SOLID • SOIL • SLUDGE OIL • SOLVENT • LIQUID WATER • WASTEWATER DRINKING WATER AIR WIPE • FILTER OTHER	CONTAINER(S) TAT # Type	PRESERVATION RTNE <input type="checkbox"/> RWQCB <input type="checkbox"/> WIP <input type="checkbox"/> NAVY <input type="checkbox"/> CT <input checked="" type="checkbox"/> OTHER	QA/QC REMARKS					
ITEM	LAB USE ONLY: Batch #: Lab No.	Sample Description Sample I.D.	Date	Time							
	61	574-5	7-10-02	1221	+			E	1	JG	
	62	574-1	↓	1225	↓			+	+	+	
	63	574-2	↓	1229	↓			↓	↓	↓	
	64	574-3	↓	1233	↓			↓	↓	↓	
	65	575-5	↓	1221	↓			↓	↓	↓	
	66	575-1	↓	1226	↓			↓	↓	↓	
	67	575-2	↓	1230	↓			↓	↓	↓	
	68	575-3	↓	1235	↓			↓	↓	↓	
	69	576-5	↓	1241	↓			↓	↓	↓	
	70	576-1	↓	1248	↓			↓	↓	↓	

• TAT starts 8 a.m. following day if samples received after 5 p.m.	TAT: A= <input type="checkbox"/> Overnight ≤ 24 hr B= <input type="checkbox"/> Emergency Next workday C= <input type="checkbox"/> Critical 2 Workdays D= <input type="checkbox"/> Urgent 3 Workdays E= <input type="checkbox"/> Routine 7 Workdays	Preservatives: H=HCl N=HNO <sub>3</sub> S=H <sub>2</sub> SO <sub>4</sub> C=4°C Z=Zn(AC) <sub>2</sub> O=NaOH T=Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub>
Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal		





# CHAIN OF CUSTODY RECORD



**Advanced Technology Laboratories**  
 3275 Walnut Avenue  
 Signal Hill, CA 90807  
 (562) 989-4045 • FAX (562) 989-4040

## FOR LABORATORY USE ONLY:

P.O.#: _____  Logged By: _____ Date: _____ Time: _____	<b>Method of Transport</b> Walk-in <input type="checkbox"/> Courier <input type="checkbox"/> UPS <input type="checkbox"/> FED. EXP. <input type="checkbox"/> ATL <input type="checkbox"/>	<b>Sample Condition Upon Receipt</b> 1. CHILLED Y <input type="checkbox"/> N <input type="checkbox"/> 4. SEALED Y <input type="checkbox"/> N <input type="checkbox"/> 2. HEADSPACE (VOA) Y <input type="checkbox"/> N <input type="checkbox"/> 5. # OF SPLS MATCH COC Y <input type="checkbox"/> N <input type="checkbox"/> 3. CONTAINER INTACT Y <input type="checkbox"/> N <input type="checkbox"/> 6. PRESERVED Y <input type="checkbox"/> N <input type="checkbox"/>
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Client: <b>GEOCON ENVIRONMENTAL - SAN DIEGO</b>	Address: 6970 Flanders Drive	TEL: ( 858 ) 558-6100
Attn: <b>Chris King</b>	City: San Diego State: CA Zip Code: 92121	FAX: ( 858 ) 558-8437

Project Name: <b>Rte 5 Southbound</b>	Project #: <b>09100-06-45</b>	Sampler: <b>CGB/GAC</b>	(Signature) _____
Relinquished by: (Signature and Printed Name) <b>Chad Beator</b>	Date: <b>7-12-02</b>	Time: _____	Received by: (Signature and Printed Name) _____
Relinquished by: (Signature and Printed Name) _____	Date: _____	Time: _____	Received by: (Signature and Printed Name) _____
Relinquished by: (Signature and Printed Name) _____	Date: _____	Time: _____	Received by: (Signature and Printed Name) _____

I hereby authorize ATL to perform the work indicated below: Project Mgr /Submitter: <b>Chris King</b> <b>7-12-02</b> Print Name Date Signature _____	Send Report To: Attn: _____ Co: <b>Client</b> Address _____ City _____ State _____ Zip _____	Bill To: Attn: _____ Co: <b>Client</b> Address _____ City _____ State _____ Zip _____	Special Instructions/Comments:
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Unless otherwise requested, all samples will be disposed 45 days after receipt.	Sample Archive/Disposal: <input type="checkbox"/> Laboratory Standard <input type="checkbox"/> Other _____ <input type="checkbox"/> Return To: _____ * \$10.00 FEE PER HAZARDOUS SAMPLE DISPOSAL.	Circle or Add Analysis(es) Requested 8081 / 8082 (Pesticides/PCB/OC) 8200 (Volatiles/OC/MS) 625 / 8270 (BVA/OC/MS) Metals: Total (CAC-8010 / 7000) 8015M TPH/G/BTEX (COMBINATION) 8015M TPH/ID (Diesel/OC) <b>TOTAL Lead</b>	CIRCLE APPROPRIATE MATRIX SOLID • SOIL • SLUDGE OIL • SOLVENT • LIQUID WATER • WASTEWATER DRINKING WATER AIR WIPE • FILTER OTHER	PRESERVATION RTNE <input type="checkbox"/> RWQCB <input type="checkbox"/> WIP <input type="checkbox"/> NAVY <input type="checkbox"/> CT <input checked="" type="checkbox"/> OTHER
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ITEM	LAB USE ONLY:		Sample Description				Analysis(es) Requested	CIRCLE APPROPRIATE MATRIX						PRESERVATION	REMARKS
	Batch #:	Lab No.	Sample I.D.	Date	Time	TAT		#	Type	Container(s)	Other	Other			
		88	EB-25	7-12-02	8:56										
		89	EB-26		10:28										
		90	EB-27		11:03										
		91	EB-28		11:13										
		92	EB-29		11:55										
		93	EB-30		12:40										
		94	EB-31		12:59										
		95	EB-32		1:05										
		96	EB-33		1:31										

• TAT starts 8 a.m. following day if samples received after 5 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 <sub>3</sub> S=H <sub>2</sub> SO <sub>4</sub> C=4°C Z=Zn(AC) <sub>2</sub> O=NaOH T=Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub>	Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal
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**CLIENT:** Geocon Environmental  
**Project:** Rte 5 - Southbound, 09100-06-49  
**Lab Order:** 057898

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**CASE NARRATIVE**

Sample EB-30 was not received by the laboratory.



**LEAD BY ICP  
EPA 6010B**

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057898
<b>Project:</b>	Rte 5 - Southbound, 09100-06-49	<b>Date Received:</b>	7/12/2002
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	RQ

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057898-001A	S59-S	1000	mg/Kg	9534	5	1	7/12/2002	7/16/2002
057898-002A	S59-1	1300	mg/Kg	9534	5	1	7/12/2002	7/16/2002
057898-003A	S59-2	820	mg/Kg	9534	5	1	7/12/2002	7/16/2002
057898-004A	S59-3	570	mg/Kg	9534	5	1	7/12/2002	7/16/2002
057898-005A	S60-S	62	mg/Kg	9534	5	1	7/12/2002	7/16/2002
057898-006A	S60-1	200	mg/Kg	9534	5	1	7/12/2002	7/16/2002
057898-007A	S60-2	47	mg/Kg	9534	5	1	7/12/2002	7/16/2002
057898-008A	S60-3	1100	mg/Kg	9534	5	1	7/12/2002	7/16/2002
057898-009A	S61-S	1200	mg/Kg	9534	5	1	7/12/2002	7/16/2002
057898-010A	S61-1	770	mg/Kg	9534	5	1	7/12/2002	7/16/2002
057898-011A	S61-2	1300	mg/Kg	9534	5	1	7/12/2002	7/16/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



**LEAD BY ICP  
EPA 6010B**

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057898
<b>Project:</b>	Rte 5 - Southbound, 09100-06-49	<b>Date Received:</b>	7/12/2002
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	RQ

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057898-012A	S61-3	640	mg/Kg	9534	5	1	7/12/2002	7/16/2002
057898-013A	S62-S	200	mg/Kg	9534	5	1	7/12/2002	7/16/2002
057898-014A	S62-1	220	mg/Kg	9534	5	1	7/12/2002	7/16/2002
057898-015A	S62-2	1800	mg/Kg	9534	5	1	7/12/2002	7/16/2002
057898-016A	S62-3	240	mg/Kg	9534	5	1	7/12/2002	7/16/2002
057898-017A	S63-S	89	mg/Kg	9534	5	1	7/12/2002	7/16/2002
057898-018A	S63-1	160	mg/Kg	9534	5	1	7/12/2002	7/16/2002
057898-019A	S63-2	400	mg/Kg	9534	5	1	7/12/2002	7/16/2002
057898-020A	S63-3	180	mg/Kg	9534	5	1	7/12/2002	7/16/2002
057898-021A	S64-S	46	mg/Kg	9545	5	1	7/12/2002	7/16/2002
057898-022A	S64-1	300	mg/Kg	9545	5	1	7/12/2002	7/16/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



**LEAD BY ICP  
EPA 6010B**

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057898
<b>Project:</b>	Rte 5 - Southbound, 09100-06-49	<b>Date Received:</b>	7/12/2002
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	RQ

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057898-023A	S64-2	370	mg/Kg	9545	5	1	7/12/2002	7/16/2002
057898-024A	S64-3	410	mg/Kg	9545	5	1	7/12/2002	7/16/2002
057898-025A	S65-S	35	mg/Kg	9545	5	1	7/12/2002	7/16/2002
057898-026A	S65-1	140	mg/Kg	9545	5	1	7/12/2002	7/16/2002
057898-027A	S65-2	310	mg/Kg	9545	5	1	7/12/2002	7/16/2002
057898-028A	S65-3	710	mg/Kg	9545	5	1	7/12/2002	7/16/2002
057898-029A	S66-S	21	mg/Kg	9545	5	1	7/12/2002	7/16/2002
057898-030A	S66-1	64	mg/Kg	9545	5	1	7/12/2002	7/16/2002
057898-031A	S66-2	240	mg/Kg	9545	5	1	7/12/2002	7/16/2002
057898-032A	S66-3	1300	mg/Kg	9545	5	1	7/12/2002	7/16/2002
057898-033A	S67-S	60	mg/Kg	9545	5	1	7/12/2002	7/16/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



**Advanced Technology Laboratories**

Date: 7/19/2002

**LEAD BY ICP  
EPA 6010B**

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057898
<b>Project:</b>	Rte 5 - Southbound, 09100-06-49	<b>Date Received:</b>	7/12/2002
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	RQ

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057898-034A	S67-1	380	mg/Kg	9545	5	1	7/12/2002	7/16/2002
057898-035A	S67-2	80	mg/Kg	9545	5	1	7/12/2002	7/16/2002
057898-036A	S67-3	950	mg/Kg	9545	5	1	7/12/2002	7/16/2002
057898-037A	S68-S	64	mg/Kg	9545	5	1	7/12/2002	7/16/2002
057898-038A	S68-1	70	mg/Kg	9545	5	1	7/12/2002	7/16/2002
057898-039A	S68-2	43	mg/Kg	9545	5	1	7/12/2002	7/16/2002
057898-040A	S68-3	150	mg/Kg	9545	5	1	7/12/2002	7/16/2002
057898-041A	S69-S	48	mg/Kg	9557	5	1	7/12/2002	7/16/2002
057898-042A	S69-1	47	mg/Kg	9557	5	1	7/12/2002	7/16/2002
057898-043A	S69-2	110	mg/Kg	9557	5	1	7/12/2002	7/16/2002
057898-044A	S69-3	150	mg/Kg	9557	5	1	7/12/2002	7/16/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



**LEAD BY ICP  
EPA 6010B**

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057898
<b>Project:</b>	Rte 5 - Southbound, 09100-06-49	<b>Date Received:</b>	7/12/2002
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	RQ

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057898-045A	S70-S	11	mg/Kg	9557	5	1	7/12/2002	7/16/2002
057898-046A	S70-1	20	mg/Kg	9557	5	1	7/12/2002	7/16/2002
057898-047A	S70-2	28	mg/Kg	9557	5	1	7/12/2002	7/16/2002
057898-048A	S70-3	97	mg/Kg	9557	5	1	7/12/2002	7/16/2002
057898-049A	S71-S	140	mg/Kg	9557	5	1	7/12/2002	7/16/2002
057898-050A	S71-1	250	mg/Kg	9557	5	1	7/12/2002	7/16/2002
057898-051A	S71-2	320	mg/Kg	9557	5	1	7/12/2002	7/16/2002
057898-052A	S71-3	820	mg/Kg	9557	5	1	7/12/2002	7/16/2002
057898-053A	S72-S	38	mg/Kg	9557	5	1	7/12/2002	7/16/2002
057898-054A	S72-1	10	mg/Kg	9557	5	1	7/12/2002	7/16/2002
057898-055A	S72-2	100	mg/Kg	9557	5	1	7/12/2002	7/16/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



**LEAD BY ICP  
EPA 6010B**

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057898
<b>Project:</b>	Rte 5 - Southbound, 09100-06-49	<b>Date Received:</b>	7/12/2002
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	RQ

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057898-056A	S72-3	520	mg/Kg	9557	5	1	7/12/2002	7/16/2002
057898-057A	S73-S	280	mg/Kg	9557	5	1	7/12/2002	7/16/2002
057898-058A	S73-1	170	mg/Kg	9557	5	1	7/12/2002	7/16/2002
057898-059A	S73-2	86	mg/Kg	9557	5	1	7/12/2002	7/16/2002
057898-060A	S73-3	360	mg/Kg	9557	5	1	7/12/2002	7/16/2002
057898-061A	S74-S	730	mg/Kg	9570	5	1	7/12/2002	7/16/2002
057898-062A	S74-1	130	mg/Kg	9570	5	1	7/12/2002	7/16/2002
057898-063A	S74-2	36	mg/Kg	9570	5	1	7/12/2002	7/16/2002
057898-064A	S74-3	33	mg/Kg	9570	5	1	7/12/2002	7/16/2002
057898-065A	S75-S	640	mg/Kg	9570	5	1	7/12/2002	7/16/2002
057898-066A	S75-1	460	mg/Kg	9570	5	1	7/12/2002	7/16/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



**Advanced Technology Laboratories**

Date: 7/19/2002

**LEAD BY ICP  
EPA 6010B**

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057898
<b>Project:</b>	Rte 5 - Southbound, 09100-06-49	<b>Date Received:</b>	7/12/2002
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	RQ

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057898-067A	S75-2	29	mg/Kg	9570	5	1	7/12/2002	7/16/2002
057898-068A	S75-3	27	mg/Kg	9570	5	1	7/12/2002	7/16/2002
057898-069A	S76-S	680	mg/Kg	9570	5	1	7/12/2002	7/16/2002
057898-070A	S76-1	110	mg/Kg	9570	5	1	7/12/2002	7/16/2002
057898-071A	S76-2	63	mg/Kg	9570	5	1	7/12/2002	7/16/2002
057898-072A	S76-3	23	mg/Kg	9570	5	1	7/12/2002	7/16/2002
057898-073A	S77-S	360	mg/Kg	9570	5	1	7/12/2002	7/16/2002
057898-074A	S77-1	950	mg/Kg	9570	5	1	7/12/2002	7/16/2002
057898-075A	S77-2	470	mg/Kg	9570	5	1	7/12/2002	7/16/2002
057898-076A	S77-3	120	mg/Kg	9570	5	1	7/12/2002	7/16/2002
057898-077A	S78-S	890	mg/Kg	9570	5	1	7/12/2002	7/16/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



**Advanced Technology Laboratories**

Date: 7/19/2002

**LEAD BY ICP  
EPA 6010B**

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057898
<b>Project:</b>	Rte 5 - Southbound, 09100-06-49	<b>Date Received:</b>	7/12/2002
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	RQ

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057898-078A	S78-1	230	mg/Kg	9570	5	1	7/12/2002	7/16/2002
057898-079A	S78-2	370	mg/Kg	9570	5	1	7/12/2002	7/16/2002
057898-080A	S78-3	17	mg/Kg	9570	5	1	7/12/2002	7/16/2002
057898-081A	S79-S	500	mg/Kg	9571	5	1	7/12/2002	7/16/2002
057898-082A	S79-1	47	mg/Kg	9571	5	1	7/12/2002	7/16/2002
057898-083A	S79-2	48	mg/Kg	9571	5	1	7/12/2002	7/16/2002
057898-084A	S79-3	23	mg/Kg	9571	5	1	7/12/2002	7/16/2002
057898-085A	S80-S	590	mg/Kg	9571	5	1	7/12/2002	7/16/2002
057898-086A	S80-1	40	mg/Kg	9571	5	1	7/12/2002	7/16/2002
057898-087A	S80-2	66	mg/Kg	9571	5	1	7/12/2002	7/16/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



ICP METALS  
EPA 6010B

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057898
<b>Project:</b>	Rte 5 - Southbound, 09100-06-49	<b>Date Received:</b>	7/12/2002
<b>Project No:</b>		<b>Matrix:</b>	Water
<b>PO No:</b>		<b>Analyst:</b>	RQ

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057898-088A	EB-25	ND	mg/L	9583	0.005	1	7/12/2002	7/16/2002
057898-089A	EB-26	ND	mg/L	9583	0.005	1	7/12/2002	7/16/2002
057898-090A	EB-27	ND	mg/L	9583	0.005	1	7/12/2002	7/16/2002
057898-091A	EB-28	ND	mg/L	9583	0.005	1	7/12/2002	7/16/2002
057898-092A	EB-29	0.0071	mg/L	9583	0.005	1	7/12/2002	7/16/2002
057898-094A	EB-31	ND	mg/L	9583	0.005	1	7/12/2002	7/16/2002
057898-095A	EB-32	ND	mg/L	9583	0.005	1	7/12/2002	7/16/2002
057898-096A	EB-33	ND	mg/L	9583	0.005	1	7/12/2002	7/16/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



pH  
EPA 9045C

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057898
<b>Project:</b>	Rte 5 - Southbound, 09100-06-49	<b>Date Received:</b>	7/12/2002
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	JT

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057898-001A	S59-S	7.68	pH Units	R19519	0.1	1	7/12/2002	7/18/2002
057898-009A	S61-S	7.19	pH Units	R19519	0.1	1	7/12/2002	7/18/2002
057898-019A	S63-2	7.68	pH Units	R19519	0.1	1	7/12/2002	7/18/2002
057898-029A	S66-S	6.20	pH Units	R19519	0.1	1	7/12/2002	7/18/2002
057898-039A	S68-2	7.23	pH Units	R19519	0.1	1	7/12/2002	7/18/2002
057898-049A	S71-S	6.70	pH Units	R19519	0.1	1	7/12/2002	7/18/2002
057898-059A	S73-2	6.72	pH Units	R19519	0.1	1	7/12/2002	7/18/2002
057898-069A	S76-S	7.21	pH Units	R19519	0.1	1	7/12/2002	7/18/2002
057898-079A	S78-2	7.16	pH Units	R19519	0.1	1	7/12/2002	7/18/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



LEAD BY ATOMIC ABSORPTION  
WET/ EPA 7420

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057898
<b>Project:</b>	Rte 5 - Southbound, 09100-06-49	<b>Date Received:</b>	7/12/2002
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	JT

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057898-003A	S59-2	11	mg/L	9729	0.2	1	7/12/2002	7/23/2002
057898-004A	S59-3	29	mg/L	9729	0.4	2	7/12/2002	7/23/2002
057898-005A	S60-S	39	mg/L	9729	0.8	4	7/12/2002	7/23/2002
057898-006A	S60-1	7.6	mg/L	9729	0.2	1	7/12/2002	7/23/2002
057898-010A	S61-1	25	mg/L	9729	0.4	2	7/12/2002	7/23/2002
057898-012A	S61-3	13	mg/L	9729	0.2	1	7/12/2002	7/23/2002
057898-013A	S62-S	8.5	mg/L	9729	0.2	1	7/12/2002	7/23/2002
057898-014A	S62-1	1.3	mg/L	9729	0.2	1	7/12/2002	7/23/2002
057898-016A	S62-3	0.55	mg/L	9729	0.2	1	7/12/2002	7/23/2002
057898-017A	S63-S	17	mg/L	9729	0.4	2	7/12/2002	7/23/2002
057898-018A	S63-1	5.1	mg/L	9729	0.2	1	7/12/2002	7/23/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



LEAD BY ATOMIC ABSORPTION  
WET/ EPA 7420

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057898
<b>Project:</b>	Rte 5 - Southbound, 09100-06-49	<b>Date Received:</b>	7/12/2002
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	JT

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057898-019A	S63-2	4.7	mg/L	9729	0.2	1	7/12/2002	7/23/2002
057898-020A	S63-3	8.4	mg/L	9729	0.2	1	7/12/2002	7/23/2002
057898-022A	S64-1	3.1	mg/L	9729	0.2	1	7/12/2002	7/23/2002
057898-023A	S64-2	3.3	mg/L	9729	0.2	1	7/12/2002	7/23/2002
057898-024A	S64-3	4.6	mg/L	9729	0.2	1	7/12/2002	7/23/2002
057898-026A	S65-1	3.8	mg/L	9730	0.2	1	7/12/2002	7/23/2002
057898-027A	S65-2	38	mg/L	9730	0.8	4	7/12/2002	7/23/2002
057898-028A	S65-3	7.5	mg/L	9730	0.2	1	7/12/2002	7/23/2002
057898-030A	S66-1	15	mg/L	9730	0.2	1	7/12/2002	7/23/2002
057898-031A	S66-2	4.7	mg/L	9730	0.2	1	7/12/2002	7/23/2002
057898-033A	S67-S	80	mg/L	9730	2	10	7/12/2002	7/23/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



LEAD BY ATOMIC ABSORPTION  
WET/ EPA 7420

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057898
<b>Project:</b>	Rte 5 - Southbound, 09100-06-49	<b>Date Received:</b>	7/12/2002
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	JT

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057898-034A	S67-1	33	mg/L	9730	0.8	4	7/12/2002	7/23/2002
057898-035A	S67-2	7.5	mg/L	9730	0.2	1	7/12/2002	7/23/2002
057898-036A	S67-3	1.4	mg/L	9730	0.2	1	7/12/2002	7/23/2002
057898-037A	S68-S	30	mg/L	9730	0.8	4	7/12/2002	7/23/2002
057898-038A	S68-1	35	mg/L	9730	0.8	4	7/12/2002	7/23/2002
057898-040A	S68-3	2.1	mg/L	9730	0.2	1	7/12/2002	7/23/2002
057898-043A	S69-2	17	mg/L	9730	0.4	2	7/12/2002	7/23/2002
057898-044A	S69-3	4.5	mg/L	9730	0.2	1	7/12/2002	7/23/2002
057898-048A	S70-3	14	mg/L	9730	0.2	1	7/12/2002	7/23/2002
057898-049A	S71-S	48	mg/L	9730	1	5	7/12/2002	7/23/2002
057898-050A	S71-1	150	mg/L	9730	4	20	7/12/2002	7/23/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



LEAD BY ATOMIC ABSORPTION  
WET/ EPA 7420

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057898
<b>Project:</b>	Rte 5 - Southbound, 09100-06-49	<b>Date Received:</b>	7/12/2002
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	JT

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057898-051A	S71-2	100	mg/L	9730	2	10	7/12/2002	7/23/2002
057898-052A	S71-3	170	mg/L	9730	4	20	7/12/2002	7/23/2002
057898-055A	S72-2	19	mg/L	9731	0.4	2	7/12/2002	7/23/2002
057898-056A	S72-3	1.1	mg/L	9731	0.2	1	7/12/2002	7/23/2002
057898-057A	S73-S	66	mg/L	9731	2	10	7/12/2002	7/23/2002
057898-058A	S73-1	93	mg/L	9731	2	10	7/12/2002	7/23/2002
057898-059A	S73-2	120	mg/L	9731	2	10	7/12/2002	7/23/2002
057898-060A	S73-3	110	mg/L	9731	2	10	7/12/2002	7/23/2002
057898-061A	S74-S	83	mg/L	9731	2	10	7/12/2002	7/23/2002
057898-062A	S74-1	13	mg/L	9731	0.2	1	7/12/2002	7/23/2002
057898-065A	S75-S	65	mg/L	9731	2	10	7/12/2002	7/23/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



LEAD BY ATOMIC ABSORPTION  
WET/ EPA 7420

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057898
<b>Project:</b>	Rte 5 - Southbound, 09100-06-49	<b>Date Received:</b>	7/12/2002
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	JT

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057898-066A	S75-1	65	mg/L	9731	2	10	7/12/2002	7/23/2002
057898-069A	S76-S	71	mg/L	9731	2	10	7/12/2002	7/23/2002
057898-070A	S76-1	9.3	mg/L	9731	0.2	1	7/12/2002	7/23/2002
057898-071A	S76-2	2.8	mg/L	9731	0.2	1	7/12/2002	7/23/2002
057898-073A	S77-S	99	mg/L	9731	2	10	7/12/2002	7/23/2002
057898-074A	S77-1	190	mg/L	9731	4	20	7/12/2002	7/23/2002
057898-075A	S77-2	24	mg/L	9731	0.4	2	7/12/2002	7/23/2002
057898-076A	S77-3	8.2	mg/L	9731	0.2	1	7/12/2002	7/23/2002
057898-077A	S78-S	100	mg/L	9731	2	10	7/12/2002	7/23/2002
057898-078A	S78-1	15	mg/L	9731	0.2	1	7/12/2002	7/23/2002
057898-079A	S78-2	57	mg/L	9732	1	5	7/12/2002	7/23/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



**LEAD BY ATOMIC ABSORPTION  
WET/ EPA 7420**

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057898
<b>Project:</b>	Rte 5 - Southbound, 09100-06-49	<b>Date Received:</b>	7/12/2002
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	JT

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057898-081A	S79-S	110	mg/L	9732	2	10	7/12/2002	7/23/2002
057898-085A	S80-S	6.2	mg/L	9732	0.2	1	7/12/2002	7/23/2002
057898-087A	S80-2	2.7	mg/L	9732	0.2	1	7/12/2002	7/23/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



LEAD BY ATOMIC ABSORPTION  
EPA 1311/ 7420

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057898
<b>Project:</b>	Rte 5 - Southbound, 09100-06-49	<b>Date Received:</b>	7/12/2002
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	JT

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057898-001A	S59-S	0.87	mg/L	9763	0.2	1	7/12/2002	7/25/2002
057898-002A	S59-1	0.43	mg/L	9763	0.2	1	7/12/2002	7/25/2002
057898-008A	S60-3	ND	mg/L	9763	0.2	1	7/12/2002	7/25/2002
057898-009A	S61-S	0.84	mg/L	9764	0.2	1	7/12/2002	7/25/2002
057898-011A	S61-2	0.75	mg/L	9764	0.2	1	7/12/2002	7/25/2002
057898-015A	S62-2	ND	mg/L	9764	0.2	1	7/12/2002	7/25/2002
057898-032A	S66-3	ND	mg/L	9764	0.2	1	7/12/2002	7/25/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



**LEAD BY ATOMIC ABSORPTION  
WET DI/ EPA 7420**

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057898
<b>Project:</b>	Rte 5 - Southbound, 09100-06-49	<b>Date Received:</b>	7/12/2002
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	JT

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057898-003A	S59-2	0.40	mg/L	9680	0.2	1	7/12/2002	7/23/2002
057898-004A	S59-3	0.65	mg/L	9680	0.2	1	7/12/2002	7/23/2002
057898-005A	S60-S	0.26	mg/L	9680	0.2	1	7/12/2002	7/23/2002
057898-006A	S60-1	ND	mg/L	9680	0.2	1	7/12/2002	7/23/2002
057898-010A	S61-1	0.50	mg/L	9680	0.2	1	7/12/2002	7/23/2002
057898-012A	S61-3	0.35	mg/L	9680	0.2	1	7/12/2002	7/23/2002
057898-013A	S62-S	ND	mg/L	9680	0.2	1	7/12/2002	7/23/2002
057898-017A	S63-S	ND	mg/L	9680	0.2	1	7/12/2002	7/23/2002
057898-018A	S63-1	ND	mg/L	9681	0.2	1	7/12/2002	7/23/2002
057898-020A	S63-3	ND	mg/L	9681	0.2	1	7/12/2002	7/23/2002
057898-027A	S65-2	ND	mg/L	9681	0.2	1	7/12/2002	7/23/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



LEAD BY ATOMIC ABSORPTION  
WET DI/ EPA 7420

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057898
<b>Project:</b>	Rte 5 - Southbound, 09100-06-49	<b>Date Received:</b>	7/12/2002
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	JT

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057898-028A	S65-3	2.1	mg/L	9681	0.2	1	7/12/2002	7/23/2002
057898-030A	S66-1	0.23	mg/L	9681	0.2	1	7/12/2002	7/23/2002
057898-033A	S67-S	1.2	mg/L	9681	0.2	1	7/12/2002	7/23/2002
057898-034A	S67-1	1.1	mg/L	9681	0.2	1	7/12/2002	7/23/2002
057898-035A	S67-2	ND	mg/L	9681	0.2	1	7/12/2002	7/23/2002
057898-037A	S68-S	0.44	mg/L	9681	0.2	1	7/12/2002	7/23/2002
057898-038A	S68-1	0.60	mg/L	9681	0.2	1	7/12/2002	7/23/2002
057898-043A	S69-2	0.41	mg/L	9681	0.2	1	7/12/2002	7/23/2002
057898-048A	S70-3	ND	mg/L	9682	0.2	1	7/12/2002	7/23/2002
057898-049A	S71-S	0.25	mg/L	9682	0.2	1	7/12/2002	7/23/2002
057898-050A	S71-1	1.3	mg/L	9682	0.2	1	7/12/2002	7/23/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



LEAD BY ATOMIC ABSORPTION  
WET DI/ EPA 7420

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057898
<b>Project:</b>	Rte 5 - Southbound, 09100-06-49	<b>Date Received:</b>	7/12/2002
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	JT

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057898-051A	S71-2	1.7	mg/L	9682	0.2	1	7/12/2002	7/23/2002
057898-052A	S71-3	2.2	mg/L	9682	0.2	1	7/12/2002	7/23/2002
057898-055A	S72-2	1.1	mg/L	9682	0.2	1	7/12/2002	7/23/2002
057898-057A	S73-S	0.74	mg/L	9682	0.2	1	7/12/2002	7/23/2002
057898-058A	S73-1	3.5	mg/L	9682	0.2	1	7/12/2002	7/23/2002
057898-059A	S73-2	7.2	mg/L	9682	0.2	1	7/12/2002	7/23/2002
057898-060A	S73-3	5.0	mg/L	9682	0.2	1	7/12/2002	7/23/2002
057898-061A	S74-S	1.1	mg/L	9682	0.2	1	7/12/2002	7/23/2002
057898-062A	S74-1	0.37	mg/L	9682	0.2	1	7/12/2002	7/23/2002
057898-065A	S75-S	1.3	mg/L	9682	0.2	1	7/12/2002	7/23/2002
057898-066A	S75-1	2.1	mg/L	9682	0.2	1	7/12/2002	7/23/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



**LEAD BY ATOMIC ABSORPTION  
WET DI/ EPA 7420**

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057898
<b>Project:</b>	Rte 5 - Southbound, 09100-06-49	<b>Date Received:</b>	7/12/2002
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	JT

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057898-069A	S76-S	2.2	mg/L	9682	0.2	1	7/12/2002	7/23/2002
057898-070A	S76-1	0.60	mg/L	9682	0.2	1	7/12/2002	7/23/2002
057898-073A	S77-S	1.7	mg/L	9682	0.2	1	7/12/2002	7/23/2002
057898-074A	S77-1	12	mg/L	9682	0.2	1	7/12/2002	7/23/2002
057898-075A	S77-2	1.8	mg/L	9683	0.2	1	7/12/2002	7/23/2002
057898-076A	S77-3	ND	mg/L	9683	0.2	1	7/12/2002	7/23/2002
057898-077A	S78-S	2.4	mg/L	9683	0.2	1	7/12/2002	7/23/2002
057898-078A	S78-1	ND	mg/L	9683	0.2	1	7/12/2002	7/23/2002
057898-079A	S78-2	0.82	mg/L	9683	0.2	1	7/12/2002	7/23/2002
057898-081A	S79-S	1.1	mg/L	9683	0.2	1	7/12/2002	7/23/2002
057898-085A	S80-S	0.80	mg/L	9683	0.2	1	7/12/2002	7/23/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



# Advanced Technology Laboratories

Date: 30-Jul-02

**CLIENT:** Geocon Environmental  
**Lab Order:** 057898  
**Project:** Rte 5 - Southbound, 09100-06-49  
**Lab ID:** 057898-015A

**Client Sample ID:** S62-2  
**Collection Date:** 7/12/2002  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
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## ICP METALS

(EPA 3050A)

EPA 6010B

RunID:	ICP2_020729D	QC Batch:	9917				Analyst: RQ
Antimony	1.0	0.25	mg/Kg	1	7/29/2002		
Arsenic	11	0.25	mg/Kg	1	7/29/2002		
Barium	98	0.15	mg/Kg	1	7/29/2002		
Beryllium	ND	0.15	mg/Kg	1	7/29/2002		
Cadmium	ND	0.15	mg/Kg	1	7/29/2002		
Chromium	16	0.15	mg/Kg	1	7/29/2002		
Cobalt	8.0	0.15	mg/Kg	1	7/29/2002		
Copper	20	0.15	mg/Kg	1	7/29/2002		
Lead	23	0.25	mg/Kg	1	7/29/2002		
Molybdenum	0.50	0.25	mg/Kg	1	7/29/2002		
Nickel	12	0.15	mg/Kg	1	7/29/2002		
Selenium	ND	0.25	mg/Kg	1	7/29/2002		
Silver	ND	0.15	mg/Kg	1	7/29/2002		
Thallium	1.0	0.25	mg/Kg	1	7/29/2002		
Vanadium	33	0.15	mg/Kg	1	7/29/2002		
Zinc	48	0.50	mg/Kg	1	7/29/2002		

## MERCURY BY COLD VAPOR TECHNIQUE

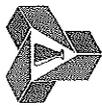
(EPA 7471)

EPA 7471A

RunID:	AA1_020729B	QC Batch:	9920				Analyst: NS
Mercury	ND	0.10	mg/Kg	1	7/29/2002		

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike/Surrogate outside of limits due to matrix interfere  
 J - Analyte detected below quantitation limits      H - Sample exceeded analytical holding time  
 B - Analyte detected in the associated Method Blank      E - Value above quantitation range  
 DO - Surrogate Diluted Out      Results are wet unless otherwise specified





Advanced Technology Laboratories

Date: 19-Jul-02

CLIENT: Geocon Environmental
Work Order: 057898
Project: Rte 5 - Southbound, 09100-06-49

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010\_SPB

Table with 13 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, Analysis Date, SeqNo, Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual. Row 1: MB-9534A, MBLK, 6010\_SPB, mg/Kg, 7/15/2002, ICP5\_020716K, ZZZZZ, 9534, EPA 6010B (EPA 3050M), 7/16/2002, 300150, Lead, ND, 5.0

Table with 13 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, Analysis Date, SeqNo, Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual. Row 1: MB-9534B, MBLK, 6010\_SPB, mg/Kg, 7/15/2002, ICP5\_020716K, ZZZZZ, 9534, EPA 6010B (EPA 3050M), 7/16/2002, 300151, Lead, ND, 5.0

Table with 13 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, Analysis Date, SeqNo, Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual. Row 1: MB-9545A, MBLK, 6010\_SPB, mg/Kg, 7/15/2002, ICP5\_020716L, ZZZZZ, 9545, EPA 6010B (EPA 3050M), 7/16/2002, 300178, Lead, ND, 5.0

Table with 13 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, Analysis Date, SeqNo, Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual. Row 1: MB-9545B, MBLK, 6010\_SPB, mg/Kg, 7/15/2002, ICP5\_020716L, ZZZZZ, 9545, EPA 6010B (EPA 3050M), 7/16/2002, 300179, Lead, ND, 5.0

Table with 13 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, Analysis Date, SeqNo, Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual. Row 1: MB-9557A, MBLK, 6010\_SPB, mg/Kg, 7/15/2002, ICP5\_020716M, ZZZZZ, 9557, EPA 6010B (EPA 3050M), 7/16/2002, 300206, Lead, ND, 5.0

Qualifiers: ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits DO- Surrogate dilute out
J - Analyte detected below quantitation limits B - Analyte detected in the associated Method Blank H - Sample exceeded holding time
R - RPD outside accepted recovery limits Calculations are based on raw values



CLIENT: Geocon Environmental  
Work Order: 057898  
Project: Rte 5 - Southbound, 09100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 6010\_SPB

Sample ID	MB-9557B	SampType:	MBLK	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/15/2002	Run ID:	ICP5_020716M			
Client ID:	ZZZZZ	Batch ID:	9557	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/16/2002	SeqNo:	300207			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead ND 5.0

Sample ID	MB-9570A	SampType:	MBLK	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/15/2002	Run ID:	ICP5_020716N			
Client ID:	ZZZZZ	Batch ID:	9570	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/16/2002	SeqNo:	300234			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead ND 5.0

Sample ID	MB-9570B	SampType:	MBLK	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/15/2002	Run ID:	ICP5_020716N			
Client ID:	ZZZZZ	Batch ID:	9570	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/16/2002	SeqNo:	300235			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead ND 5.0

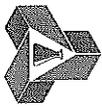
Sample ID	MB-9571A	SampType:	MBLK	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/15/2002	Run ID:	ICP5_020716O			
Client ID:	ZZZZZ	Batch ID:	9571	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/16/2002	SeqNo:	300252			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead ND 5.0

Sample ID	LCS-9534	SampType:	LCS	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/15/2002	Run ID:	ICP5_020716K			
Client ID:	ZZZZZ	Batch ID:	9534	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/16/2002	SeqNo:	300149			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 230.3 5.0 250 0 92.1 80 120 0 0

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 I - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



CLIENT: Geocon Environmental  
Work Order: 057898  
Project: Rte 5 - Southbound, 09100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 6010\_SPB

Sample ID	LCS-9545	SampType:	LCS	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/15/2002	Run ID:	ICP5_020716L		
Client ID:	ZZZZZ	Batch ID:	9545	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/16/2002	SeqNo:	300177		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	222.8	5.0	250	0	89.1	80	120	0	0				
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Sample ID	LCS-9557	SampType:	LCS	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/15/2002	Run ID:	ICP5_020716M		
Client ID:	ZZZZZ	Batch ID:	9557	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/16/2002	SeqNo:	300205		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	233.3	5.0	250	0	93.3	80	120	0	0				
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Sample ID	LCS-9570	SampType:	LCS	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/15/2002	Run ID:	ICP5_020716N		
Client ID:	ZZZZZ	Batch ID:	9570	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/16/2002	SeqNo:	300233		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	229.7	5.0	250	0	91.9	80	120	0	0				
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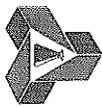
Sample ID	LCS-9571	SampType:	LCS	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/15/2002	Run ID:	ICP5_020716O		
Client ID:	ZZZZZ	Batch ID:	9571	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/16/2002	SeqNo:	300251		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	227.6	5.0	250	0	91	80	120	0	0				
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Sample ID	057898-010AMS	SampType:	MS	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/15/2002	Run ID:	ICP5_020716K		
Client ID:	S61-1	Batch ID:	9534	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/16/2002	SeqNo:	300135		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	1054	5.0	250	772.8	113	47	128	0	0				
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Qualifiers: ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



CLIENT: Geocon Environmental  
Work Order: 057898  
Project: Rte 5 - Southbound, 09100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 6010\_SPB

Sample ID	057898-020AMS	SampType:	MS	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/15/2002	Run ID:	ICP5_020716K
Client ID:	S63-3	Batch ID:	9534	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/16/2002	SeqNo:	300147
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	198.3	5.0	250	184.9	5.39	47	128	0	0		S
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Sample ID	057898-030AMS	SampType:	MS	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/15/2002	Run ID:	ICP5_020716L
Client ID:	S66-1	Batch ID:	9545	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/16/2002	SeqNo:	300163
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	195.6	5.0	250	63.5	52.8	47	128	0	0		
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Sample ID	057898-040AMS	SampType:	MS	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/15/2002	Run ID:	ICP5_020716L
Client ID:	S68-3	Batch ID:	9545	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/16/2002	SeqNo:	300175
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	220.3	5.0	250	150.9	27.8	47	128	0	0		S
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Sample ID	057898-050AMS	SampType:	MS	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/15/2002	Run ID:	ICP5_020716M
Client ID:	S71-1	Batch ID:	9557	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/16/2002	SeqNo:	300191
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	379.5	5.0	250	247.8	52.7	47	128	0	0		
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Sample ID	057898-060AMS	SampType:	MS	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/15/2002	Run ID:	ICP5_020716M
Client ID:	S73-3	Batch ID:	9557	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/16/2002	SeqNo:	300203
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	916.5	5.0	250	356.3	224	47	128	0	0		S
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Qualifiers: ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



CLIENT: Geocon Environmental  
Work Order: 057898  
Project: Rte 5 - Southbound, 09100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 6010\_SPB

Sample ID	057898-070AMS	SampType: MS	TestCode: 6010_SPB	Units: mg/Kg	Prep Date: 7/15/2002	Run ID: ICP5_020716N					
Client ID:	S76-1	Batch ID: 9570	TestNo: EPA 6010B	(EPA 3050M)	Analysis Date: 7/16/2002	SeqNo: 300219					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	288.2	5.0	250	108.8	71.8	47	128	0	0		

Sample ID	057898-080AMS	SampType: MS	TestCode: 6010_SPB	Units: mg/Kg	Prep Date: 7/15/2002	Run ID: ICP5_020716N					
Client ID:	S78-3	Batch ID: 9570	TestNo: EPA 6010B	(EPA 3050M)	Analysis Date: 7/16/2002	SeqNo: 300231					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	178.7	5.0	250	16.85	64.7	47	128	0	0		

Sample ID	057898-087AMS	SampType: MS	TestCode: 6010_SPB	Units: mg/Kg	Prep Date: 7/15/2002	Run ID: ICP5_020716O					
Client ID:	S80-2	Batch ID: 9571	TestNo: EPA 6010B	(EPA 3050M)	Analysis Date: 7/16/2002	SeqNo: 300249					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	237.1	5.0	250	65.61	68.6	47	128	0	0		

Sample ID	057898-010ADUP	SampType: DUP	TestCode: 6010_SPB	Units: mg/Kg	Prep Date: 7/15/2002	Run ID: ICP5_020716K					
Client ID:	S61-1	Batch ID: 9534	TestNo: EPA 6010B	(EPA 3050M)	Analysis Date: 7/16/2002	SeqNo: 300134					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	1343	5.0	0	0	0	0	0	772.8	53.9	30	R

Sample ID	057898-020ADUP	SampType: DUP	TestCode: 6010_SPB	Units: mg/Kg	Prep Date: 7/15/2002	Run ID: ICP5_020716K					
Client ID:	S63-3	Batch ID: 9534	TestNo: EPA 6010B	(EPA 3050M)	Analysis Date: 7/16/2002	SeqNo: 300146					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	216.3	5.0	0	0	0	0	0	184.9	15.7	30	

Qualifiers: ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



**CLIENT:** Geocon Environmental  
**Work Order:** 057898  
**Project:** Rte 5 - Southbound, 09100-06-49

### ANALYTICAL QC SUMMARY REPORT

**TestCode:** 6010\_SPB

Sample ID	057898-030ADUP	SampType:	DUP	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/15/2002	Run ID:	ICP5_020716L
Client ID:	S66-1	Batch ID:	9545	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/16/2002	SeqNo:	300162
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	340.4	5.0	0	0	0	0	0	63.5	137	30	R
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Sample ID	057898-040ADUP	SampType:	DUP	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/15/2002	Run ID:	ICP5_020716L
Client ID:	S68-3	Batch ID:	9545	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/16/2002	SeqNo:	300174
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	196.8	5.0	0	0	0	0	0	150.9	26.4	30	
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Sample ID	057898-050ADUP	SampType:	DUP	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/15/2002	Run ID:	ICP5_020716M
Client ID:	S71-1	Batch ID:	9557	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/16/2002	SeqNo:	300190
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	491	5.0	0	0	0	0	0	247.8	65.8	30	R
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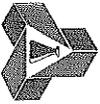
Sample ID	057898-060ADUP	SampType:	DUP	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/15/2002	Run ID:	ICP5_020716M
Client ID:	S73-3	Batch ID:	9557	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/16/2002	SeqNo:	300202
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	919.4	5.0	0	0	0	0	0	356.3	88.3	30	R
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Sample ID	057898-070ADUP	SampType:	DUP	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/15/2002	Run ID:	ICP5_020716N
Client ID:	S76-1	Batch ID:	9570	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/16/2002	SeqNo:	300218
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	104.6	5.0	0	0	0	0	0	108.8	3.88	30	
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**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



CLIENT: Geocon Environmental  
Work Order: 057898  
Project: Rte 5 - Southbound, 09100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 6010\_SPB

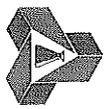
Sample ID: 057898-080ADUP	SampType: DUP	TestCode: 6010_SPB	Units: mg/Kg	Prep Date: 7/15/2002	Run ID: ICP5_020716N						
Client ID: S78-3	Batch ID: 9570	TestNo: EPA 6010B (EPA 3050M)		Analysis Date: 7/16/2002	SeqNo: 300230						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	14.96	5.0	0	0	0	0	0	16.85	11.9	30	
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Sample ID: 057898-087ADUP	SampType: DUP	TestCode: 6010_SPB	Units: mg/Kg	Prep Date: 7/15/2002	Run ID: ICP5_020716O						
Client ID: S80-2	Batch ID: 9571	TestNo: EPA 6010B (EPA 3050M)		Analysis Date: 7/16/2002	SeqNo: 300248						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	59.57	5.0	0	0	0	0	0	65.61	9.66	30	
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Qualifiers: ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



CLIENT: Geocon Environmental  
Work Order: 057898  
Project: Rte 5 - Southbound, 09100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 6010\_WPB

Sample ID	MB-9583	SampType:	MBLK	TestCode:	6010_WPB	Units:	mg/L	Prep Date:	7/15/2002	Run ID:	ICP5_020716G			
Client ID:	ZZZZZ	Batch ID:	9583	TestNo:	EPA 6010B (EPA 3010A)			Analysis Date:	7/16/2002	SeqNo:	299878			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead		Result	ND	PQL	0.0050									
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Sample ID	LCS-9583	SampType:	LCS	TestCode:	6010_WPB	Units:	mg/L	Prep Date:	7/15/2002	Run ID:	ICP5_020716G			
Client ID:	ZZZZZ	Batch ID:	9583	TestNo:	EPA 6010B (EPA 3010A)			Analysis Date:	7/16/2002	SeqNo:	299877			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead		Result	1.076	PQL	0.0050	SPK value	1	SPK Ref Val	0	%REC	108	LowLimit	80	HighLimit	120	RPD Ref Val	0	%RPD	0	RPDLimit		Qual	
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Sample ID	057898-096AMS	SampType:	MS	TestCode:	6010_WPB	Units:	mg/L	Prep Date:	7/15/2002	Run ID:	ICP5_020716G			
Client ID:	EB-33	Batch ID:	9583	TestNo:	EPA 6010B (EPA 3010A)			Analysis Date:	7/16/2002	SeqNo:	299875			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead		Result	2.444	PQL	0.0050	SPK value	2.5	SPK Ref Val	0	%REC	97.8	LowLimit	66	HighLimit	118	RPD Ref Val	0	%RPD	0	RPDLimit		Qual	
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Sample ID	057898-096ADUP	SampType:	DUP	TestCode:	6010_WPB	Units:	mg/L	Prep Date:	7/15/2002	Run ID:	ICP5_020716G			
Client ID:	EB-33	Batch ID:	9583	TestNo:	EPA 6010B (EPA 3010A)			Analysis Date:	7/16/2002	SeqNo:	299874			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead		Result	ND	PQL	0.0050	SPK value	0	SPK Ref Val	0	%REC	0	LowLimit	0	HighLimit	0	RPD Ref Val	0	%RPD	0	RPDLimit	30	Qual	
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**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



**CLIENT:** Geocon Environmental  
**Work Order:** 057898  
**Project:** Rte 5 - Southbound, 09100-06-49

### ANALYTICAL QC SUMMARY REPORT

**TestCode:** 9045\_S

Sample ID: 057898-079ADUP	SampType: DUP	TestCode: 9045_S	Units: pH Units	Prep Date: 7/18/2002	Run ID: WETCHEM_020718A						
Client ID: S78-2	Batch ID: R19519	TestNo: EPA 9045C		Analysis Date: 7/18/2002	SeqNo: 301008						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
pH	7.15	0.10	0	0	0	0	0	7.16	0.140	20	

**Qualifiers:** ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
R - RPD outside accepted recovery limits

S - Spike Recovery outside accepted recovery limits  
B - Analyte detected in the associated Method Blank  
Calculations are based on raw values

DO- Surrogate dilute out  
H - Sample exceeded holding time



# Advanced Technology Laboratories

Date: 24-Jul-02

**CLIENT:** Geocon Environmental  
**Work Order:** 057898  
**Project:** Rte 5 - Southbound, 09100-06-49

## ANALYTICAL QC SUMMARY REPORT

TestCode: 7420\_ST

Sample ID	MB-9729	SampType:	MBLK	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020723N			
Client ID:	ZZZZZ	Batch ID:	9729	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/23/2002	SeqNo:	304860			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead ND 0.20

Sample ID	MB-9729A	SampType:	MBLK	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/19/2002	Run ID:	AA2_020723N			
Client ID:	ZZZZZ	Batch ID:	9729	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/23/2002	SeqNo:	304861			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead ND 0.20

Sample ID	MB-9729B	SampType:	MBLK	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/19/2002	Run ID:	AA2_020723N			
Client ID:	ZZZZZ	Batch ID:	9729	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/23/2002	SeqNo:	304874			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead ND 0.20

Sample ID	MB-9730	SampType:	MBLK	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020723R			
Client ID:	ZZZZZ	Batch ID:	9730	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/23/2002	SeqNo:	304981			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead ND 0.20

Sample ID	MB-9730A	SampType:	MBLK	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/19/2002	Run ID:	AA2_020723R			
Client ID:	ZZZZZ	Batch ID:	9730	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/23/2002	SeqNo:	304982			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead ND 0.20

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



CLIENT: Geocon Environmental  
Work Order: 057898  
Project: Rte 5 - Southbound, 09100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 7420\_ST

Sample ID	MB-9730B	SampType:	MBLK	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/19/2002	Run ID:	AA2_020723R		
Client ID:	ZZZZZ	Batch ID:	9730	TestNo:	WET/ EPA 74 (WET)	Analysis Date:	7/23/2002	SeqNo:	304995				
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead ND 0.20

Sample ID	MB-9731	SampType:	MBLK	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020723S		
Client ID:	ZZZZZ	Batch ID:	9731	TestNo:	WET/ EPA 74 (WET)	Analysis Date:	7/23/2002	SeqNo:	305013				
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead ND 0.20

Sample ID	MB-9731A	SampType:	MBLK	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/19/2002	Run ID:	AA2_020723S		
Client ID:	ZZZZZ	Batch ID:	9731	TestNo:	WET/ EPA 74 (WET)	Analysis Date:	7/23/2002	SeqNo:	305014				
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 0.1553 0.20

Sample ID	MB-9731B	SampType:	MBLK	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/19/2002	Run ID:	AA2_020723S		
Client ID:	ZZZZZ	Batch ID:	9731	TestNo:	WET/ EPA 74 (WET)	Analysis Date:	7/23/2002	SeqNo:	305027				
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 0.09035 0.20

Sample ID	LCS-9729	SampType:	LCS	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020723N		
Client ID:	ZZZZZ	Batch ID:	9729	TestNo:	WET/ EPA 74 (WET)	Analysis Date:	7/23/2002	SeqNo:	304896				
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 7.672 0.20 7.5 0 102 80 120 0 0

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



**CLIENT:** Geocon Environmental  
**Work Order:** 057898  
**Project:** Rte 5 - Southbound, 09100-06-49

### ANALYTICAL QC SUMMARY REPORT

**TestCode:** 7420\_ST

Sample ID	LCS-9730	SampType:	LCS	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020723R
Client ID:	ZZZZZ	Batch ID:	9730	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/23/2002	SeqNo:	305008
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val

Lead		7.673		0.20	7.5	0		102	80	120	0	0
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Sample ID	LCS-9731	SampType:	LCS	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020723S
Client ID:	ZZZZZ	Batch ID:	9731	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/23/2002	SeqNo:	305040
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val

Lead		7.722		0.20	7.5	0		103	80	120	0	0
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Sample ID	057898-012AMS	SampType:	MS	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020723N
Client ID:	S61-3	Batch ID:	9729	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/23/2002	SeqNo:	304873
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val

Lead		22.46		0.40	10	13.12		93.4	80	120	0	0
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Sample ID	057898-024AMS	SampType:	MS	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020723N
Client ID:	S64-3	Batch ID:	9729	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/23/2002	SeqNo:	304891
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val

Lead		9.319		0.20	5	4.63		93.8	80	120	0	0
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Sample ID	057898-037AMS	SampType:	MS	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020723R
Client ID:	S68-S	Batch ID:	9730	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/23/2002	SeqNo:	304994
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val

Lead		49.85		0.80	20	30.4		97.3	80	120	0	0
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**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



CLIENT: Geocon Environmental  
Work Order: 057898  
Project: Rte 5 - Southbound, 09100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 7420\_ST

Sample ID	057898-052AMS	SampType:	MS	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020723R												
Client ID:	S71-3	Batch ID:	9730	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/23/2002	SeqNo:	305006												
Analyte		Result		PQL		SPK value		SPK Ref Val		%REC		LowLimit		HighLimit		RPD Ref Val		%RPD		RPDLimit		Qual	

Lead		260.5		4.0		100		173.5		87		80		120		0		0					
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Sample ID	057898-066AMS	SampType:	MS	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020723S												
Client ID:	S75-1	Batch ID:	9731	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/23/2002	SeqNo:	305026												
Analyte		Result		PQL		SPK value		SPK Ref Val		%REC		LowLimit		HighLimit		RPD Ref Val		%RPD		RPDLimit		Qual	

Lead		111.6		2.0		50		65.34		92.5		80		120		0		0					
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Sample ID	057898-078AMS	SampType:	MS	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020723S												
Client ID:	S78-1	Batch ID:	9731	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/23/2002	SeqNo:	305038												
Analyte		Result		PQL		SPK value		SPK Ref Val		%REC		LowLimit		HighLimit		RPD Ref Val		%RPD		RPDLimit		Qual	

Lead		24.71		0.40		10		14.74		99.8		80		120		0		0					
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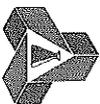
Sample ID	057898-087AMS	SampType:	MS	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020723T												
Client ID:	S80-2	Batch ID:	9732	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/23/2002	SeqNo:	305048												
Analyte		Result		PQL		SPK value		SPK Ref Val		%REC		LowLimit		HighLimit		RPD Ref Val		%RPD		RPDLimit		Qual	

Lead		7.411		0.20		5		2.734		93.5		80		120		0		0					
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Sample ID	057898-012ADUP	SampType:	DUP	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/19/2002	Run ID:	AA2_020723N												
Client ID:	S61-3	Batch ID:	9729	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/23/2002	SeqNo:	304872												
Analyte		Result		PQL		SPK value		SPK Ref Val		%REC		LowLimit		HighLimit		RPD Ref Val		%RPD		RPDLimit		Qual	

Lead		13.2		0.20		0		0		0		0		0		13.12		0.638		30			
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**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



CLIENT: Geocon Environmental  
Work Order: 057898  
Project: Rte 5 - Southbound, 09100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 7420\_ST

Sample ID	057898-024ADUP	SampType:	DUP	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/19/2002	Run ID:	AA2_020723N
Client ID:	S64-3	Batch ID:	9729	TestNo:	WET/ EPA 74 (WET)	Analysis Date:	7/23/2002	SeqNo:	304889		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	9.038	0.20	0	0	0	0	0	4.63	64.5	30	R
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Sample ID	057898-037ADUP	SampType:	DUP	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/19/2002	Run ID:	AA2_020723R
Client ID:	S68-S	Batch ID:	9730	TestNo:	WET/ EPA 74 (WET)	Analysis Date:	7/23/2002	SeqNo:	304993		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	30.41	0.80	0	0	0	0	0	30.4	0.0295	30	
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Sample ID	057898-052ADUP	SampType:	DUP	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/19/2002	Run ID:	AA2_020723R
Client ID:	S71-3	Batch ID:	9730	TestNo:	WET/ EPA 74 (WET)	Analysis Date:	7/23/2002	SeqNo:	305005		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	130.7	4.0	0	0	0	0	0	173.5	28.1	30	
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Sample ID	057898-066ADUP	SampType:	DUP	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/19/2002	Run ID:	AA2_020723S
Client ID:	S75-1	Batch ID:	9731	TestNo:	WET/ EPA 74 (WET)	Analysis Date:	7/23/2002	SeqNo:	305025		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	60.41	2.0	0	0	0	0	0	65.34	7.84	30	
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Sample ID	057898-078ADUP	SampType:	DUP	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/19/2002	Run ID:	AA2_020723S
Client ID:	S78-1	Batch ID:	9731	TestNo:	WET/ EPA 74 (WET)	Analysis Date:	7/23/2002	SeqNo:	305037		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	14.17	0.20	0	0	0	0	0	14.74	3.90	30	
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**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



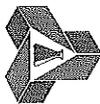
CLIENT: Geocon Environmental  
Work Order: 057898  
Project: Rte 5 - Southbound, 09100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 7420\_ST

Sample ID	057898-087ADUP	SampType:	DUP	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/19/2002	Run ID:	AA2_020723T		
Client ID:	S80-2	Batch ID:	9732	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/23/2002	SeqNo:	305047		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead		2.655		0.20	0	0	0	0	0	2.734	2.92	30	

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



Advanced Technology Laboratories

Date: 26-Jul-02

CLIENT: Geocon Environmental
Work Order: 057898
Project: Rte 5 - Southbound, 09100-06-49

ANALYTICAL QC SUMMARY REPORT

TestCode: 7420\_TC

Table with 13 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, Analysis Date, SeqNo, Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual. Row 1: MB-9764, mblk, 7420\_TC, mg/L, 7/22/2002, AA2\_020725A, ZZZZZ, 9764, EPA 1311/ 74 (EPA 3010A), 7/25/2002, 305913, Lead, 0.06201, 0.20

Table with 13 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, Analysis Date, SeqNo, Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual. Row 1: MB-9705-TCLP, mblk, 7420\_TC, mg/L, 7/22/2002, AA2\_020725A, ZZZZZ, 9764, EPA 1311/ 74 (EPA 3010A), 7/25/2002, 305914, Lead, 0.0822, 0.20

Table with 13 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, Analysis Date, SeqNo, Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual. Row 1: MB-9763, mblk, 7420\_TC, mg/L, 7/22/2002, AA2\_020725B, ZZZZZ, 9763, EPA 1311/ 74 (EPA 3010A), 7/25/2002, 305986, Lead, 0.07364, 0.20

Table with 13 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, Analysis Date, SeqNo, Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual. Row 1: MB-9704-TCLP, mblk, 7420\_TC, mg/L, 7/22/2002, AA2\_020725B, ZZZZZ, 9763, EPA 1311/ 74 (EPA 3010A), 7/25/2002, 305987, Lead, 0.05161, 0.20

Table with 13 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, Analysis Date, SeqNo, Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual. Row 1: LCS-9764, lcs, 7420\_TC, mg/L, 7/22/2002, AA2\_020725A, ZZZZZ, 9764, EPA 1311/ 74 (EPA 3010A), 7/25/2002, 305922, Lead, 1.144, 0.20, 1, 0, 114, 80, 120, 0, 0

Qualifiers: ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits DO- Surrogate dilute out
J - Analyte detected below quantitation limits B - Analyte detected in the associated Method Blank H - Sample exceeded holding time
R - RPD outside accepted recovery limits Calculations are based on raw values



**CLIENT:** Geocon Environmental  
**Work Order:** 057898  
**Project:** Rte 5 - Southbound, 09100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 7420\_TC

Sample ID	LCS-9763	SampType:	Ics	TestCode:	7420_TC	Units:	mg/L	Prep Date:	7/22/2002	Run ID:	AA2_020725B			
Client ID:	ZZZZZ	Batch ID:	9763	TestNo:	EPA 1311/ 74 (EPA 3010A)			Analysis Date:	7/25/2002	SeqNo:	306001			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead		1.18		0.20	1	0		118	80	120	0	0		
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Sample ID	057898-032AMS	SampType:	MS	TestCode:	7420_TC	Units:	mg/L	Prep Date:	7/22/2002	Run ID:	AA2_020725A			
Client ID:	S66-3	Batch ID:	9764	TestNo:	EPA 1311/ 74 (EPA 3010A)			Analysis Date:	7/25/2002	SeqNo:	305920			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead		2.665		0.20	2.5	0		107	80	120	0	0		
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Sample ID	057898-008AMS	SampType:	MS	TestCode:	7420_TC	Units:	mg/L	Prep Date:	7/22/2002	Run ID:	AA2_020725B			
Client ID:	S60-3	Batch ID:	9763	TestNo:	EPA 1311/ 74 (EPA 3010A)			Analysis Date:	7/25/2002	SeqNo:	305999			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead		2.833		0.20	2.5	0.1728		106	80	120	0	0		
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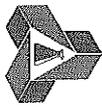
Sample ID	057898-032AMSD	SampType:	MSD	TestCode:	7420_TC	Units:	mg/L	Prep Date:	7/22/2002	Run ID:	AA2_020725A			
Client ID:	S66-3	Batch ID:	9764	TestNo:	EPA 1311/ 74 (EPA 3010A)			Analysis Date:	7/25/2002	SeqNo:	305921			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead		3.062		0.20	2.5	0		122	80	120	2.665	13.8	20	S
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Sample ID	057898-032ADUP	SampType:	DUP	TestCode:	7420_TC	Units:	mg/L	Prep Date:	7/22/2002	Run ID:	AA2_020725A			
Client ID:	S66-3	Batch ID:	9764	TestNo:	EPA 1311/ 74 (EPA 3010A)			Analysis Date:	7/25/2002	SeqNo:	305919			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead		ND		0.20	0	0		0	0	0	0	0	30	
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**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



**CLIENT:** Geocon Environmental  
**Work Order:** 057898  
**Project:** Rte 5 - Southbound, 09100-06-49

### ANALYTICAL QC SUMMARY REPORT

**TestCode:** 7420\_TC

Sample ID: 057898-008ADUP	SampType: DUP	TestCode: 7420_TC	Units: mg/L	Prep Date: 7/22/2002	Run ID: AA2_020725B						
Client ID: S60-3	Batch ID: 9763	TestNo: EPA 1311/ 74 (EPA 3010A)		Analysis Date: 7/25/2002	SeqNo: 305998						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	0.1684	0.20	0	0	0	0	0	0.1728	0	30	J

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      **Calculations are based on raw values**



Advanced Technology Laboratories

Date: 24-Jul-02

CLIENT: Geocon Environmental
Work Order: 057898
Project: Rte 5 - Southbound, 09100-06-49

ANALYTICAL QC SUMMARY REPORT

TestCode: 7420\_DI

Table with 12 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, Analysis Date, SeqNo, and a header row for Analyte (Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual). Row 1: MB-9680, MBLK, 7420\_DI, mg/L, 7/23/2002, AA2\_020723C, ZZZZZ, 9680, WET DI/ EPA (WET), 7/23/2002, 304400. Row 2: Lead, ND, 0.20.

Table with 12 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, Analysis Date, SeqNo, and a header row for Analyte (Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual). Row 1: MB-9680A, MBLK, 7420\_DI, mg/L, 7/18/2002, AA2\_020723C, ZZZZZ, 9680, WET DI/ EPA (WET), 7/23/2002, 304401. Row 2: Lead, ND, 0.20.

Table with 12 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, Analysis Date, SeqNo, and a header row for Analyte (Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual). Row 1: MB-9680B, MBLK, 7420\_DI, mg/L, 7/18/2002, AA2\_020723C, ZZZZZ, 9680, WET DI/ EPA (WET), 7/23/2002, 304414. Row 2: Lead, ND, 0.20.

Table with 12 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, Analysis Date, SeqNo, and a header row for Analyte (Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual). Row 1: MB-9681, MBLK, 7420\_DI, mg/L, 7/23/2002, AA2\_020723D, ZZZZZ, 9681, WET DI/ EPA (WET), 7/23/2002, 304439. Row 2: Lead, ND, 0.20.

Table with 12 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, Analysis Date, SeqNo, and a header row for Analyte (Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual). Row 1: MB-9681A, MBLK, 7420\_DI, mg/L, 7/18/2002, AA2\_020723D, ZZZZZ, 9681, WET DI/ EPA (WET), 7/23/2002, 304441. Row 2: Lead, ND, 0.20.

Qualifiers: ND - Not Detected at the Reporting Limit, S - Spike Recovery outside accepted recovery limits, DO- Surrogate dilute out, J - Analyte detected below quantitation limits, B - Analyte detected in the associated Method Blank, H - Sample exceeded holding time, R - RPD outside accepted recovery limits, Calculations are based on raw values



CLIENT: Geocon Environmental  
Work Order: 057898  
Project: Rte 5 - Southbound, 09100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 7420\_DI

Sample ID	MB-9681B	SampType:	MBLK	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/18/2002	Run ID:	AA2_020723D			
Client ID:	ZZZZZ	Batch ID:	9681	TestNo:	WET DI/ EPA (WET)			Analysis Date:	7/23/2002	SeqNo:	304461			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead ND 0.20

Sample ID	MB-9682	SampType:	MBLK	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020723E			
Client ID:	ZZZZZ	Batch ID:	9682	TestNo:	WET DI/ EPA (WET)			Analysis Date:	7/23/2002	SeqNo:	304481			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead ND 0.20

Sample ID	MB-9682A	SampType:	MBLK	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/18/2002	Run ID:	AA2_020723E			
Client ID:	ZZZZZ	Batch ID:	9682	TestNo:	WET DI/ EPA (WET)			Analysis Date:	7/23/2002	SeqNo:	304482			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead ND 0.20

Sample ID	MB-9682B	SampType:	MBLK	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/18/2002	Run ID:	AA2_020723E			
Client ID:	ZZZZZ	Batch ID:	9682	TestNo:	WET DI/ EPA (WET)			Analysis Date:	7/23/2002	SeqNo:	304495			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead ND 0.20

Sample ID	MB-9683	SampType:	MBLK	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020723F			
Client ID:	ZZZZZ	Batch ID:	9683	TestNo:	WET DI/ EPA (WET)			Analysis Date:	7/23/2002	SeqNo:	304510			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead ND 0.20

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO - Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



CLIENT: Geocon Environmental  
Work Order: 057898  
Project: Rte 5 - Southbound, 09100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 7420\_DI

Sample ID	MB-9883A	SampType:	MBLK	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020723F			
Client ID:	ZZZZZ	Batch ID:	9683	TestNo:	WET DI/ EPA (WET)			Analysis Date:	7/23/2002	SeqNo:	304511			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead ND 0.20

Sample ID	LCS-9680	SampType:	LCS	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020723C			
Client ID:	ZZZZZ	Batch ID:	9680	TestNo:	WET DI/ EPA (WET)			Analysis Date:	7/23/2002	SeqNo:	304428			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 7.712 0.20 7.5 0 103 80 120 0 0

Sample ID	LCS-9681	SampType:	LCS	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020723D			
Client ID:	ZZZZZ	Batch ID:	9681	TestNo:	WET DI/ EPA (WET)			Analysis Date:	7/23/2002	SeqNo:	304475			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 7.752 0.20 7.5 0 103 80 120 0 0

Sample ID	LCS-9682	SampType:	LCS	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020723E			
Client ID:	ZZZZZ	Batch ID:	9682	TestNo:	WET DI/ EPA (WET)			Analysis Date:	7/23/2002	SeqNo:	304509			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 7.712 0.20 7.5 0 103 80 120 0 0

Sample ID	LCS-9683	SampType:	LCS	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020723F			
Client ID:	ZZZZZ	Batch ID:	9683	TestNo:	WET DI/ EPA (WET)			Analysis Date:	7/23/2002	SeqNo:	304523			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 7.677 0.20 7.5 0 102 80 120 0 0

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



CLIENT: Geocon Environmental  
Work Order: 057898  
Project: Rte 5 - Southbound, 09100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 7420\_DI

Sample ID	057892-079AMS	SampType:	MS	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020723C
Client ID:	ZZZZZ	Batch ID:	9680	TestNo:	WET DI/ EPA (WET)			Analysis Date:	7/23/2002	SeqNo:	304413
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val

Lead	6.117	0.20	5	1.107	100	80	120	0	0		
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Sample ID	057898-017AMS	SampType:	MS	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020723C
Client ID:	S63-S	Batch ID:	9680	TestNo:	WET DI/ EPA (WET)			Analysis Date:	7/23/2002	SeqNo:	304426
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val

Lead	5.353	0.20	5	0.1251	105	80	120	0	0		
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Sample ID	057898-044AMS	SampType:	MS	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020723D
Client ID:	S69-3	Batch ID:	9681	TestNo:	WET DI/ EPA (WET)			Analysis Date:	7/23/2002	SeqNo:	304473
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val

Lead	5.189	0.20	5	0	104	80	120	0	0		
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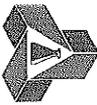
Sample ID	057898-030AMS	SampType:	MS	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020723D
Client ID:	S66-1	Batch ID:	9681	TestNo:	WET DI/ EPA (WET)			Analysis Date:	7/23/2002	SeqNo:	304480
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val

Lead	5.263	0.20	5	0.2267	101	80	120	0	0		
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Sample ID	057898-059AMS	SampType:	MS	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020723E
Client ID:	S73-2	Batch ID:	9682	TestNo:	WET DI/ EPA (WET)			Analysis Date:	7/23/2002	SeqNo:	304494
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val

Lead	11.85	0.20	5	7.18	93.4	80	120	0	0		
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Qualifiers: ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



CLIENT: Geocon Environmental  
Work Order: 057898  
Project: Rte 5 - Southbound, 09100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 7420\_DI

Sample ID	057898-074AMS	SampType:	MS	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020723E
Client ID:	S77-1	Batch ID:	9682	TestNo:	WET DI/ EPA (WET)			Analysis Date:	7/23/2002	SeqNo:	304507
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	22.03	0.40	10	12.08	99.5	80	120	0	0		
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Sample ID	057898-087AMS	SampType:	MS	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020723F
Client ID:	S80-2	Batch ID:	9683	TestNo:	WET DI/ EPA (WET)			Analysis Date:	7/23/2002	SeqNo:	304521
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	4.952	0.20	5	0	99	80	120	0	0		
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Sample ID	057892-079ADUP	SampType:	DUP	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/18/2002	Run ID:	AA2_020723C
Client ID:	ZZZZZ	Batch ID:	9680	TestNo:	WET DI/ EPA (WET)			Analysis Date:	7/23/2002	SeqNo:	304412
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	0.9542	0.20	0	0	0	0	0	1.107	14.9	30	
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Sample ID	057898-017ADUP	SampType:	DUP	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/18/2002	Run ID:	AA2_020723C
Client ID:	S63-S	Batch ID:	9680	TestNo:	WET DI/ EPA (WET)			Analysis Date:	7/23/2002	SeqNo:	304425
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	0.2225	0.20	0	0	0	0	0	0.1251	56.0	30	R
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Sample ID	057898-030ADUP	SampType:	DUP	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/18/2002	Run ID:	AA2_020723D
Client ID:	S66-1	Batch ID:	9681	TestNo:	WET DI/ EPA (WET)			Analysis Date:	7/23/2002	SeqNo:	304458
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	0.2287	0.20	0	0	0	0	0	0.2267	0.846	30	
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**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



CLIENT: Geocon Environmental  
Work Order: 057898  
Project: Rte 5 - Southbound, 09100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 7420\_DI

Sample ID	057898-044ADUP	SampType:	DUP	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/18/2002	Run ID:	AA2_020723D		
Client ID:	S69-3	Batch ID:	9681	TestNo:	WET DI/ EPA (WET)			Analysis Date:	7/23/2002	SeqNo:	304472		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead		0.05262		0.20	0	0	0	0	0	0	0	30	J
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Sample ID	057898-059ADUP	SampType:	DUP	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/18/2002	Run ID:	AA2_020723E		
Client ID:	S73-2	Batch ID:	9682	TestNo:	WET DI/ EPA (WET)			Analysis Date:	7/23/2002	SeqNo:	304493		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead		6.125		0.20	0	0	0	0	0	7.18	15.9	30	
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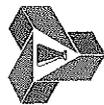
Sample ID	057898-074ADUP	SampType:	DUP	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/18/2002	Run ID:	AA2_020723E		
Client ID:	S77-1	Batch ID:	9682	TestNo:	WET DI/ EPA (WET)			Analysis Date:	7/23/2002	SeqNo:	304506		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead		14.05		0.20	0	0	0	0	0	12.08	15.1	30	
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Sample ID	057898-087ADUP	SampType:	DUP	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/18/2002	Run ID:	AA2_020723F		
Client ID:	S80-2	Batch ID:	9683	TestNo:	WET DI/ EPA (WET)			Analysis Date:	7/23/2002	SeqNo:	304520		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead		ND		0.20	0	0	0	0	0	0	0	30	
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**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      **Calculations are based on raw values**



Advanced Technology Laboratories

Date: 30-Jul-02

CLIENT: Geocon Environmental
Work Order: 057898
Project: Rte 5 - Southbound, 09100-06-49

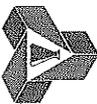
ANALYTICAL QC SUMMARY REPORT

TestCode: 6010\_S

Table with 13 columns: Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual. Rows include Antimony, Arsenic, Barium, Beryllium, Cadmium, Chromium, Cobalt, Copper, Lead, Molybdenum, Nickel, Selenium, Silver, Thallium, Vanadium, Zinc.

Table with 13 columns: Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual. Rows include Antimony, Arsenic, Barium, Beryllium, Cadmium, Chromium, Cobalt, Copper.

Qualifiers: ND - Not Detected at the Reporting Limit, J - Analyte detected below quantitation limits, R - RPD outside accepted recovery limits, S - Spike Recovery outside accepted recovery limits, B - Analyte detected in the associated Method Blank, Calculations are based on raw values, DO- Surrogate dilute out, H - Sample exceeded holding time



CLIENT: Geocon Environmental  
Work Order: 057898  
Project: Rte 5 - Southbound, 09100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 6010\_S

Sample ID	SampType	TestCode	Units	Prep Date	Run ID						
LCS-9917	LCS	6010_S	mg/Kg	7/28/2002	ICP2_020729D						
Client ID: ZZZZZ	Batch ID: 9917	TestNo: EPA 6010B (EPA 3050A)		Analysis Date: 7/29/2002	SeqNo: 309098						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	51	0.25	50	0	102	80	120	0	0		
Molybdenum	52	0.25	50	0	104	80	120	0	0		
Nickel	48.5	0.15	50	0	97	80	120	0	0		
Selenium	50	0.25	50	0	100	80	120	0	0		
Silver	52	0.15	50	0	104	80	120	0	0		
Thallium	51.5	0.25	50	0	103	80	120	0	0		
Vanadium	53	0.15	50	0	106	80	120	0	0		
Zinc	50	0.50	50	0	100	80	120	0	0		

Sample ID	SampType	TestCode	Units	Prep Date	Run ID						
057936-019AMS	MS	6010_S	mg/Kg	7/28/2002	ICP2_020729D						
Client ID: ZZZZZ	Batch ID: 9917	TestNo: EPA 6010B (EPA 3050A)		Analysis Date: 7/29/2002	SeqNo: 309110						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	100	0.25	125	2.5	78	32	115	0	0		
Arsenic	126.5	0.25	125	13	90.8	59	111	0	0		
Barium	288	0.15	125	210	62.4	34	151	0	0		
Beryllium	113.5	0.15	125	0	90.8	56	112	0	0		
Cadmium	106.5	0.15	125	0	85.2	52	120	0	0		
Chromium	138.5	0.15	125	28	88.4	56	118	0	0		
Cobalt	115.5	0.15	125	7.5	86.4	58	117	0	0		
Copper	193.5	0.15	125	71.5	97.6	58	134	0	0		
Molybdenum	116	0.25	125	3.5	90	56	115	0	0		
Nickel	129	0.15	125	27.5	81.2	52	120	0	0		
Selenium	113	0.25	125	0	90.4	46	108	0	0		
Silver	119	0.15	125	0.1365	95.1	74	117	0	0		
Thallium	111.5	0.25	125	1	88.4	62	117	0	0		
Vanadium	148.5	0.15	125	29	95.6	55	122	0	0		
Zinc	471.5	0.50	125	594.5	-98.4	43	134	0	0		S

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 I - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



CLIENT: Geocon Environmental  
Work Order: 057898  
Project: Rte 5 - Southbound, 09100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 6010\_S

Sample ID	057936-019AMS	SampType:	MS	TestCode:	6010_S	Units:	mg/Kg	Prep Date:	7/28/2002	Run ID:	ICP2_020729D
Client ID:	ZZZZZ	Batch ID:	9917	TestNo:	EPA 6010B (EPA 3050A)			Analysis Date:	7/29/2002	SeqNo:	309118
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	3055	2.5	125	3800	-596	47	128	0	0		S
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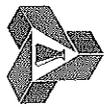
Sample ID	057936-019AMSD	SampType:	MSD	TestCode:	6010_S	Units:	mg/Kg	Prep Date:	7/28/2002	Run ID:	ICP2_020729D
Client ID:	ZZZZZ	Batch ID:	9917	TestNo:	EPA 6010B (EPA 3050A)			Analysis Date:	7/29/2002	SeqNo:	309111
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Antimony	107	0.25	125	2.5	83.6	32	115	100	6.76	20	
Arsenic	127	0.25	125	13	91.2	59	111	126.5	0.394	20	
Barium	280.5	0.15	125	210	56.4	34	151	288	2.64	20	
Beryllium	116.5	0.15	125	0	93.2	56	112	113.5	2.61	20	
Cadmium	109.5	0.15	125	0	87.6	52	120	106.5	2.78	20	
Chromium	134.5	0.15	125	28	85.2	56	118	138.5	2.93	20	
Cobalt	117	0.15	125	7.5	87.6	58	117	115.5	1.29	20	
Copper	195	0.15	125	71.5	98.8	58	134	193.5	0.772	20	
Molybdenum	119.5	0.25	125	3.5	92.8	56	115	116	2.97	20	
Nickel	128.5	0.15	125	27.5	80.8	52	120	129	0.388	20	
Selenium	115.5	0.25	125	0	92.4	46	108	113	2.19	20	
Silver	120.5	0.15	125	0.1365	96.3	74	117	119	1.25	20	
Thallium	114.5	0.25	125	1	90.8	62	117	111.5	2.65	20	
Vanadium	143.5	0.15	125	29	91.6	55	122	148.5	3.42	20	
Zinc	464	0.50	125	594.5	-104	43	134	471.5	1.60	20	S

Sample ID	057936-019AMSD	SampType:	MSD	TestCode:	6010_S	Units:	mg/Kg	Prep Date:	7/28/2002	Run ID:	ICP2_020729D
Client ID:	ZZZZZ	Batch ID:	9917	TestNo:	EPA 6010B (EPA 3050A)			Analysis Date:	7/29/2002	SeqNo:	309119
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	3270	2.5	125	3800	-424	47	128	3055	6.80	20	S
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Qualifiers: ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



CLIENT: Geocon Environmental  
Work Order: 057898  
Project: Rte 5 - Southbound, 09100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 6010\_S

Sample ID	057936-019ADUP	SampType:	DUP	TestCode:	6010_S	Units:	mg/Kg	Prep Date:	7/28/2002	Run ID:	ICP2_020729D
Client ID:	ZZZZZ	Batch ID:	9917	TestNo:	EPA 6010B (EPA 3050A)	Analysis Date:	7/29/2002	SeqNo:	309109		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	2.5	0.25	0	0	0	0	0	2.5	0	30	
Arsenic	13	0.25	0	0	0	0	0	13	0	30	
Barium	210	0.15	0	0	0	0	0	210	0	30	
Beryllium	ND	0.15	0	0	0	0	0	0	0	30	
Cadmium	ND	0.15	0	0	0	0	0	0	0	30	
Chromium	28	0.15	0	0	0	0	0	28	0	30	
Cobalt	7.5	0.15	0	0	0	0	0	7.5	0	30	
Copper	71.5	0.15	0	0	0	0	0	71.5	0	30	
Molybdenum	3.5	0.25	0	0	0	0	0	3.5	0	30	
Nickel	27.5	0.15	0	0	0	0	0	27.5	0	30	
Selenium	ND	0.25	0	0	0	0	0	0	0	30	
Silver	0.1365	0.15	0	0	0	0	0	0.1365	0	30	J
Thallium	1	0.25	0	0	0	0	0	1	0	30	
Vanadium	29	0.15	0	0	0	0	0	29	0	30	
Zinc	594.5	0.50	0	0	0	0	0	594.5	0	30	

Sample ID	057936-019ADUP	SampType:	DUP	TestCode:	6010_S	Units:	mg/Kg	Prep Date:	7/28/2002	Run ID:	ICP2_020729D
Client ID:	ZZZZZ	Batch ID:	9917	TestNo:	EPA 6010B (EPA 3050A)	Analysis Date:	7/29/2002	SeqNo:	309117		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	4210	2.5	0	0	0	0	0	3800	10.2	30	

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



CLIENT: Geocon Environmental  
Work Order: 057898  
Project: Rte 5 - Southbound, 09100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 7471\_S

Sample ID	MB-9920	SampType:	mblk	TestCode:	7471_S	Units:	mg/Kg	Prep Date:	7/28/2002	Run ID:	AA1_020729B			
Client ID:	ZZZZZ	Batch ID:	9920	TestNo:	EPA 7471A (EPA 7471)			Analysis Date:	7/29/2002	SeqNo:	309080			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Mercury		0.03565		0.10										
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Sample ID	LCS-9920	SampType:	lcs	TestCode:	7471_S	Units:	mg/Kg	Prep Date:	7/28/2002	Run ID:	AA1_020729B			
Client ID:	ZZZZZ	Batch ID:	9920	TestNo:	EPA 7471A (EPA 7471)			Analysis Date:	7/29/2002	SeqNo:	309079			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Mercury		2.144		0.10	2.08	0		103	80	120	0		0	
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Sample ID	057900-074AMS	SampType:	MS	TestCode:	7471_S	Units:	mg/Kg	Prep Date:	7/28/2002	Run ID:	AA1_020729B			
Client ID:	ZZZZZ	Batch ID:	9920	TestNo:	EPA 7471A (EPA 7471)			Analysis Date:	7/29/2002	SeqNo:	309077			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Mercury		1.067		0.10	0.83	0.218		102	62	146	0		0	
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Sample ID	057900-074AMSD	SampType:	MSD	TestCode:	7471_S	Units:	mg/Kg	Prep Date:	7/28/2002	Run ID:	AA1_020729B			
Client ID:	ZZZZZ	Batch ID:	9920	TestNo:	EPA 7471A (EPA 7471)			Analysis Date:	7/29/2002	SeqNo:	309078			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Mercury		1.144		0.10	0.83	0.218		112	62	146	1.067		7.02	33
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Sample ID	057900-074ADUP	SampType:	DUP	TestCode:	7471_S	Units:	mg/Kg	Prep Date:	7/28/2002	Run ID:	AA1_020729B			
Client ID:	ZZZZZ	Batch ID:	9920	TestNo:	EPA 7471A (EPA 7471)			Analysis Date:	7/29/2002	SeqNo:	309076			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Mercury		0.1995		0.10	0	0		0	0	0	0.218		8.85	30
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Qualifiers: ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values

REVISIONS  
BY \_\_\_\_\_ DATE \_\_\_\_\_  
BY \_\_\_\_\_ DATE \_\_\_\_\_

BY \_\_\_\_\_ DATE \_\_\_\_\_  
CHECKED BY \_\_\_\_\_

All samples → total lead (6010)

total lead > 50 mg/kg → WET-Citric

WET-CITRIC > 5 mg/L → WET-DI

Total lead > 1,000 mg/kg → TCLP

10% → soil pH (9045)

Please call when all totals have been run. I will instruct what samples should be run for Title 22 metals.

Thanks - Chris King

**Diane**

---

**From:** Chris King [king@geoconinc.com]

**Sent:** Monday, July 22, 2002 10:57 AM

**To:** 'Diane'

**Subject:** 09100-06-49

Diane - please run the 15 samples with the highest total lead content for Title 22 metals. Please do this for each direction (northbound and southbound), so the total number of tests will be 30. Thank you and please call me if you have any questions.

Christopher S. King  
Senior Staff Engineer  
Geocon Consultants, Inc.

7/22/2002

July 18, 2002

Chris King  
Geocon Environmental  
6970 Flanders Drive  
San Diego, CA 92121  
TEL: (858) 558-6100  
FAX: (858) 558-8437

RE: Rte 5-Southbound, 09100-06-49

Attention: Chris King

AUG 05 2002

ELAP No.: 1838

NELAP No.: 02107CA

Workorder No.: 057890

Enclosed are the results for sample(s) received on July 11, 2002 by Advanced Technology Laboratories and tested for the parameters indicated in the enclosed chain of custody.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (562)989-4045 if I can be of further assistance to your company.

Sincerely,



Eddie F. Rodriguez  
Laboratory Director

This cover letter is an integral part of this analytical report.



# CHAIN OF CUSTODY RECORD



**Advanced Technology  
Laboratories**

3275 Walnut Avenue  
Signal Hill, CA 90807  
(562) 989-4045 • FAX (562) 989-4040

## FOR LABORATORY USE ONLY:

P.O.#: _____	Method of Transport: Walk-in <input type="checkbox"/> Courier <input type="checkbox"/> UPS <input type="checkbox"/> FED. EXP. <input type="checkbox"/> ATL <input checked="" type="checkbox"/>	Sample Condition Upon Receipt: 1. CHILLED <input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input checked="" type="checkbox"/> 4. SEALED Y <input type="checkbox"/> N <input checked="" type="checkbox"/> 2. HEADSPACE (VOA) Y <input type="checkbox"/> N <input type="checkbox"/> 5. # OF SPLS MATCH COC Y <input checked="" type="checkbox"/> N <input type="checkbox"/> 3. CONTAINER INTACT Y <input checked="" type="checkbox"/> N <input type="checkbox"/> 6. PRESERVED Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
Logged By: <u>[Signature]</u>	Date: <u>7/17/02</u> Time: _____	

Client: <b>GEOCON ENVIRONMENTAL - SAN DIEGO</b>	Address: 6970 Flanders Drive	TEL: ( 858 ) 558-6100
Attn: <u>CHRIS KING</u>	City: San Diego State: CA Zip Code: 92121	FAX: ( 858 ) 558-8437

Project Name: <u>Site 5 - Southbound</u>	Project #: <u>07100-06-49</u>	Sampler: <u>CSK/6-CA</u> (Signature)
Relinquished by: <u>[Signature]</u> Date: <u>7-11-02</u> Time: <u>4:30P</u>	Received by: <u>[Signature]</u> Date: <u>7-11-02</u> Time: <u>4:30P</u>	
Relinquished by: <u>[Signature]</u> Date: <u>7-11-02</u> Time: <u>8:20P</u>	Received by: <u>[Signature]</u> Date: <u>7-17-02</u> Time: _____	
Relinquished by: _____ Date: _____ Time: _____	Received by: _____ Date: _____ Time: _____	

I hereby authorize ATL to perform the work indicated below: Project Mgr /Submitter: <u>[Signature]</u> <u>7/11/02</u> Print Name Date	Send Report To: Attn: _____ Co: <u>Client</u> Address _____ City _____ State _____ Zip _____	Bill To: Attn: _____ Co: <u>Client</u> Address _____ City _____ State _____ Zip _____	Special Instructions/Comments: <u>See page 1</u> <u>see Attached (from Diene)</u>
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Unless otherwise requested, all samples will be disposed 45 days after receipt.

Sample Archive/Disposal:  
 Laboratory Standard  
 Other \_\_\_\_\_  
 Return To: \_\_\_\_\_

\* \$10.00 FEE PER HAZARDOUS SAMPLE DISPOSAL.

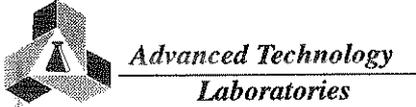
Circle or Add Analysis(es) Requested: <u>8081 / 8082 (Pesticides/PCB-GC)</u> <u>8260 (Volatiles-GC/MS)</u> <u>825 / 8270 (BNA-GC/MS)</u> <u>Metals Total (CAC-8010 / 7000)</u> <u>8015M TPH/G/BTEX (COMBINATION)</u> <u>8015M TPH/D (Diesel-GC)</u> <u>Total Lead 6010</u>	CIRCLE APPROPRIATE MATRIX: <input checked="" type="checkbox"/> SOLID • SOL • SLUDGE <input type="checkbox"/> OIL • SOLVENT • LIQUID <input type="checkbox"/> WATER • WASTEWATER <input type="checkbox"/> DRINKING WATER <input type="checkbox"/> AIR <input type="checkbox"/> WIPE • FILTER <input type="checkbox"/> OTHER TAT # Type	PRESERVATION RTNE <input type="checkbox"/> RWQCB <input type="checkbox"/> WIP <input type="checkbox"/> NAVY <input type="checkbox"/> CT <input checked="" type="checkbox"/> OTHER _____ REMARKS
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ITEM	LAB USE ONLY:	Sample Description		
	Batch #:	Sample I.D.	Date	Time
	Lab No. <u>15-2-8010-00</u>			
	<u>534</u>	<u>534-5</u>	<u>7/11/02</u>	<u>9:02</u>
		<u>534-1</u>		<u>9:09</u>
		<u>534-2</u>		<u>9:14</u>
		<u>534-3</u>		<u>9:21</u>
		<u>535-5</u>		<u>9:21</u>
		<u>535-1</u>		<u>9:13</u>
		<u>535-2</u>		<u>9:19</u>
		<u>535-3</u>		<u>9:24</u>
		<u>536-5</u>		<u>9:34</u>
		<u>536-1</u>		<u>9:41</u>

• TAT starts 8 a.m. following day if samples received after 5 p.m.	TAT: A= <u>Overnight ≤ 24 hr</u> B= <u>Emergency Next workday</u> C= <u>Critical 2 Workdays</u> D= <u>Urgent 3 Workdays</u> E= <u>Routine 7 Workdays</u>	Preservatives: H=HCl N=HNO <sub>3</sub> S=H <sub>2</sub> SO <sub>4</sub> C=4°C Z=Zn(AC) <sub>2</sub> O=NaOH T=Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub>
Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal		



# CHAIN OF CUSTODY RECORD



3275 Walnut Avenue  
Signal Hill, CA 90807  
(562) 989-4045 • FAX (562) 989-4040

## FOR LABORATORY USE ONLY:

P.O.#: _____	Method of Transport Walk-in <input type="checkbox"/> Courier <input type="checkbox"/> UPS <input type="checkbox"/> FED. EXP. <input type="checkbox"/> ATL <input checked="" type="checkbox"/>	Sample Condition Upon Receipt 1. CHILLED Y <input type="checkbox"/> N <input checked="" type="checkbox"/> 4. SEALED Y <input type="checkbox"/> N <input checked="" type="checkbox"/> 2. HEADSPACE (VOA) Y <input type="checkbox"/> N <input type="checkbox"/> 5. # OF SPLS MATCH COC Y <input checked="" type="checkbox"/> N <input type="checkbox"/> 3. CONTAINER INTACT Y <input checked="" type="checkbox"/> N <input type="checkbox"/> 6. PRESERVED Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
Logged By: <u>[Signature]</u>	Date: <u>7/12</u> Time: _____	

Client: <b>GEOCON ENVIRONMENTAL - SAN DIEGO</b>	Address: 6970 Flanders Drive	TEL: ( 858 ) 558-6100
Attn: <b>CHRIS KING</b>	City: San Diego State: CA Zip Code: 92121	FAX: ( 858 ) 558-8437

Project Name: <u>DTE 5 - Southbound</u>	Project #: <u>07100-06-491</u>	Sampler: <u>CSK/6LA</u> (Printed Name)	(Signature)
Relinquished by: <u>[Signature]</u> (Signature and Printed Name)	Date: <u>7/11/02</u> Time: <u>4:30p</u>	Received by: <u>[Signature]</u> (Signature and Printed Name)	Date: <u>7-11-02</u> Time: <u>4:30p</u>
Relinquished by: <u>[Signature]</u> (Signature and Printed Name)	Date: <u>7-11-02</u> Time: <u>8:20a</u>	Received by: <u>[Signature]</u> (Signature and Printed Name)	Date: <u>7-12/02</u> 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: <u>[Signature]</u> Real Name: <u>CSK</u> Date: <u>7/11/02</u> Signature	Send Report To: Attn: _____ Co: <u>Client</u> Address: _____ City: _____ State: _____ Zip: _____	Bill To: Attn: _____ Co: <u>Client</u> Address: _____ City: _____ State: _____ Zip: _____	Special Instructions/Comments: <u>See page 1</u>
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Unless otherwise requested, all samples will be disposed 45 days after receipt.

Sample Archive/Disposal:  
 Laboratory Standard  
 Other \_\_\_\_\_  
 Return To: \_\_\_\_\_

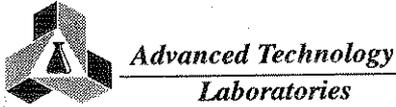
\* \$10.00 FEE PER HAZARDOUS SAMPLE DISPOSAL.

Circle or Add Analysis(es) Requested 8081 / 8082 (Pesticides/PCB-GO) 8280 (Volatiles-GC/MS) 825 / 8270 (BNA-GC/MS) Metals Total (CAC-8010 / 7000) 8015M TPH/G/BTEX (COMBINATION) 8015M TPH/D (Diesel-GC) <u>Alcal / lead / cad</u>	CIRCLE APPROPRIATE MATRIX SOLID • SOLS • SLUDGE OIL • SOLVENT • LIQUID WATER • WASTEWATER DRINKING WATER AIR WIPE • FILTER OTHER TAT # Type	PRESERVATION RTNE <input type="checkbox"/> RWQCB <input type="checkbox"/> WIP <input type="checkbox"/> NAVY <input type="checkbox"/> CT <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> REMARKS
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ITEM	LAB USE ONLY:		Sample Description			
	Batch #:	Lab No.	Sample I.D.	Date	Time	
		21	S39-5	7/11/02	1015	
		22	S39-1		1019	
		23	S39-2		1023	
		24	S39-3		1027	
		25	S40-5		1013	
		26	S40-1		1017	
		27	S40-2		1021	
		28	S40-3		1025	
		29	S40-5		1030	
		30	S41-1		1030	

• TAT starts 8 a.m. following day if samples received after 5 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 <sub>3</sub> S=H <sub>2</sub> SO <sub>4</sub> C=4°C Z=Zn(AC) <sub>2</sub> O=NaOH T=Na <sub>2</sub> S <sub>2</sub> O <sub>8</sub>
Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal						

# CHAIN OF CUSTODY RECORD



3275 Walnut Avenue  
Signal Hill, CA 90807  
(562) 989-4045 • FAX (562) 989-4040

## FOR LABORATORY USE ONLY:

P.O.#: _____	Method of Transport: Walk-in <input type="checkbox"/> Courier <input type="checkbox"/> UPS <input type="checkbox"/> FED. EXP. <input type="checkbox"/> ATL <input checked="" type="checkbox"/>	Sample Condition Upon Receipt: 1. CHILLED Y <input type="checkbox"/> N <input checked="" type="checkbox"/> 4. SEALED Y <input type="checkbox"/> N <input checked="" type="checkbox"/> 2. HEADSPACE (VOA) Y <input type="checkbox"/> N <input checked="" type="checkbox"/> 5. # OF SPLS MATCH COC Y <input checked="" type="checkbox"/> N <input type="checkbox"/> 3. CONTAINER INTACT Y <input checked="" type="checkbox"/> N <input type="checkbox"/> 6. PRESERVED Y <input type="checkbox"/> N <input checked="" type="checkbox"/>
Logged By: <u>PN</u>	Date: <u>7/12/02</u>	

Client: <b>GEOCON ENVIRONMENTAL - SAN DIEGO</b>	Address: 6970 Flanders Drive	TEL: ( 858 ) 558-6100
Attn: <u>Chris King</u>	City: San Diego State: CA Zip Code: 92121	FAX: ( 858 ) 558-8437

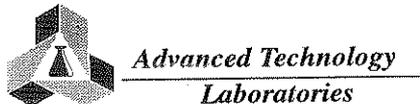
Project Name: <u>Rte 5 - South Bound</u>	Project #: <u>09100-06-49</u>	Sampler: <u>CCB/GCA</u>	Received by: (Signature and Printed Name) <u>[Signature]</u>
Relinquished by: (Signature and Printed Name) <u>[Signature]</u>	Date: <u>7-11-02</u>	Time: <u>4:30p</u>	Date: <u>7-11-02</u> Time: <u>4:30p</u>
Relinquished by: (Signature and Printed Name) <u>[Signature]</u>	Date: <u>7-11-02</u>	Time: <u>8:20p</u>	Date: <u>7/12/02</u> Time: _____
Relinquished by: (Signature and Printed Name) _____	Date: _____	Time: _____	Date: _____ Time: _____

I hereby authorize ATL to perform the work indicated below: Project Mgr /Submitter: <u>CSK</u> <u>7-11-02</u> Print Name Date	Send Report To: Attn: <u>Client</u> Co: <u>Client</u> Address _____ City _____ State _____ Zip _____	Bill To: Attn: <u>Client</u> Co: <u>Client</u> Address _____ City _____ State _____ Zip _____	Special Instructions/Comments: <u>SEE PAGE 1</u>
--	--	---	---

Unless otherwise requested, all samples will be disposed 45 days after receipt.	Sample Archive/Disposal: <input type="checkbox"/> Laboratory Standard <input type="checkbox"/> Other _____ <input type="checkbox"/> Return To: _____ * \$10.00 FEE PER HAZARDOUS SAMPLE DISPOSAL.	Circle or Add Analysis(es) Requested: <u>8082 / 8082 (Residues-PCB-GC)</u> <u>8260 (Volatiles-GCMS)</u> <u>825 / 8270 (BNA-GCMS)</u> <u>Metals Total (CAC-GCMS)</u> <u>8015M TPH/GIBTEX (COMBINATION)</u> <u>8015M TPH/GIBTEX (Diesel GC)</u> <u>Total (LAD) (GC)</u>	CIRCLE APPROPRIATE MATRIX: <u>SOLID • OIL • SLUDGE</u> <u>OIL • SOLVENT • LIQUID</u> <u>WATER • WASTEWATER</u> <u>DRINKING WATER</u> <u>AIR</u> <u>WIPE • FILTER</u> <u>OTHER</u>	PRESERVATION: RTNE <input type="checkbox"/> RWQCB <input type="checkbox"/> WIP <input type="checkbox"/> NAVY <input type="checkbox"/> CT <input checked="" type="checkbox"/> OTHER _____	
LAB USE ONLY: Batch #: Lab No.	Sample Description Sample I.D.	Date	Time	Container(s) # Type	REMARKS
31	541-2 *	7-11-02	1035	E 1 JG	*
32	542-5	↓	1036	↓	↓
33	542-1	↓	1035	↓	↓
34	542-2	↓	1040	↓	↓
35	542-3	↓	1045	↓	↓
36	543-5	↓	1100	↓	↓
37	543-1	↓	1104	↓	↓
38	543-2	↓	1105	↓	↓
39	544-5	↓	1102	↓	↓
40	544-1	↓	1106	↓	↓

• TAT starts 8 a.m. following day if samples received after 5 p.m.	TAT: A= <u>Overnight ≤ 24 hr</u>	B= <u>Emergency Next workday</u>	C= <u>Critical 2 Workdays</u>	D= <u>Urgent 3 Workdays</u>	E= <u>Routine 7 Workdays</u>	Preservatives: H=HCl N=HNO <sub>3</sub> S=H <sub>2</sub> SO <sub>4</sub> C=4°C Z=Zn(AC) <sub>2</sub> O=NaOH T=Na <sub>2</sub> S <sub>2</sub> O <sub>8</sub>
Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal						

# CHAIN OF CUSTODY RECORD



3275 Walnut Avenue  
Signal Hill, CA 90807  
(562) 989-4045 • FAX (562) 989-4040

## FOR LABORATORY USE ONLY:

P.O.#: _____	Method of Transport Walk-in <input type="checkbox"/> Courier <input type="checkbox"/> UPS <input type="checkbox"/> FED. EXP. <input type="checkbox"/> ATL <input checked="" type="checkbox"/>	Sample Condition Upon Receipt 1. CHILLED Y <input type="checkbox"/> N <input checked="" type="checkbox"/> 4. SEALED Y <input type="checkbox"/> N <input checked="" type="checkbox"/> 2. HEADSPACE (VOA) Y <input type="checkbox"/> N <input checked="" type="checkbox"/> 5. # OF SPLS MATCH COC Y <input checked="" type="checkbox"/> N <input type="checkbox"/> 3. CONTAINER INTACT Y <input checked="" type="checkbox"/> N <input type="checkbox"/> 6. PRESERVED Y <input type="checkbox"/> N <input checked="" type="checkbox"/>
Logged By: <u>[Signature]</u>	Date: <u>7/12</u> Time: _____	

Client: <b>GEOCON ENVIRONMENTAL - SAN DIEGO</b>	Address: 6970 Flanders Drive	TEL: ( 858 ) 558-6100
Attn: <u>Chris King</u>	City: San Diego State: CA Zip Code: 92121	FAX: ( 858 ) 558-8437

Project Name: <u>Rt2 5- Southbound</u>	Project #: <u>09100-06-49</u>	Sampler: <u>CGB/GLA</u>	Date: <u>7-11-02</u> Time: <u>4:30p</u>
Relinquished by: <u>[Signature]</u>	Date: <u>7-11-02</u> Time: <u>8:20p</u>	Received by: <u>[Signature]</u>	Date: <u>7-11-02</u> Time: <u>6:30p</u>
Relinquished by: <u>[Signature]</u>	Date: _____ Time: _____	Received by: <u>[Signature]</u>	Date: <u>7/12/02</u> Time: _____

I hereby authorize ATL to perform the work indicated below: Project Mgr /Submitter: <u>[Signature]</u> <u>7-11-02</u>	Send Report To: Attn: _____ Co: <u>Client</u> Address: _____ City: _____ State: _____ Zip: _____	Bill To: Attn: <u>Client</u> Co: <u>Client</u> Address: _____ City: _____ State: _____ Zip: _____	Special Instructions/Comments: <u>See [Signature] Instructions</u>
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Unless otherwise requested, all samples will be disposed 45 days after receipt.	Sample Archive/Disposal: <input type="checkbox"/> Laboratory Standard <input type="checkbox"/> Other <input type="checkbox"/> Return To: _____ * \$10.00 FEE PER HAZARDOUS SAMPLE DISPOSAL.	Circle or Add Analysis(es) Requested: <u>8091 / 8092 (Pesticides/PCB-GC)</u> <u>8230 (V Volatiles-GC/MS)</u> <u>8237 / 8270 (BNA-GC/MS)</u> <u>Metals: Total (CAC, 8010 / 7000)</u> <u>8015M TP-HGBTEX (COMBINATION)</u> <u>8015M TP-UD (Diesel-GC)</u> <u>8015M (Lab)</u>	CIRCLE APPROPRIATE MATRIX: <u>SOLID (SOIL) SLUDGE</u> OIL • SOLVENT • LIQUID WATER • WASTEWATER DRINKING WATER AIR WIPE • FILTER OTHER	PRESERVATION RTNE <input type="checkbox"/> RWQCB <input type="checkbox"/> WIP <input type="checkbox"/> NAVY <input type="checkbox"/> CT <input checked="" type="checkbox"/> OTHER			
I T E M	LAB USE ONLY: Batch #: Lab No.	Sample Description Sample I.D.	Date	Time	Container(s) #	Type	REMARKS
	41	544-2	7-11-02	1108	E 1	JG	
	42	544-3		1110			
	43	545-5		1113			
	44	545-1		1126			
	45	545-2		1138			
	46	545-3		1138			
	47	546-5		1129			
	48	546-1		1136			
	49	546-2		1142			
	50	546-3		1147			

• TAT starts 8 a.m. following day if samples received after 5 p.m.	TAT: A= <u>Overnight ≤ 24 hr</u> B= <u>Emergency Next workday</u> C= <u>Critical 2 Workdays</u> D= <u>Urgent 3 Workdays</u> E= <u>Routine 7 Workdays</u>	Preservatives: H=HCl N=HNO <sub>3</sub> S=H <sub>2</sub> SO <sub>4</sub> C=4°C Z=Zn(Ac) <sub>2</sub> O=NaOH T=Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub>
Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal		

# CHAIN OF CUSTODY RECORD

**Advanced Technology Laboratories**  
 3275 Walnut Avenue  
 Signal Hill, CA 90807  
 (562) 989-4045 • FAX (562) 989-4040

## FOR LABORATORY USE ONLY:

P.O.#: \_\_\_\_\_

Method of Transport: Walk-in  Courier  UPS  FED. EXP.  ATL

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

Logged By: [Signature] Date: \_\_\_\_\_ Time: \_\_\_\_\_

Client: **GEOCON ENVIRONMENTAL - SAN DIEGO** Address: 6970 Flanders Drive TEL: ( 858 ) 558-6100  
 Attn: Chris King City San Diego State CA Zip Code 92121 FAX: ( 858 ) 558-8437

Project Name: Par 5 South Bunker Project #: 09100-06-49 Sampler: CCB IGA (Printed Name) \_\_\_\_\_ (Signature) \_\_\_\_\_  
 Relinquished by: (Signature and Printed Name) [Signature] Date: 7-11-02 Time: 4:30p Received by: (Signature and Printed Name) [Signature] Date: 7-11-02 Time: 4:30p  
 Relinquished by: (Signature and Printed Name) [Signature] Date: 7-11-02 Time: 8:20p Received by: (Signature and Printed Name) [Signature] Date: 7/12/02 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: Chris King 7-11-02  
 Send Report To: Attn: \_\_\_\_\_ Co: Client Address: \_\_\_\_\_ City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_  
 Bill To: Attn: \_\_\_\_\_ Co: Client Address: \_\_\_\_\_ City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_  
 Special Instructions/Comments: See Page 1

Unless otherwise requested, all samples will be disposed 45 days after receipt.  
 Sample Archive/Disposal:  
 Laboratory Standard  
 Other \_\_\_\_\_  
 Return To: \_\_\_\_\_  
 \* \$10.00 FEE PER HAZARDOUS SAMPLE DISPOSAL.

Circle or Add Analysis(es) Requested:  
 8081 / 8082 (Pesticides/PCB-CC)  
 8200 (X) Volatiles-GC/MS  
 635 / 8270 (BVA-GC/MS)  
 Metals Total (CAC-8010 / TOX)  
 8015M TP-HGBTEX (COMBINATION)  
 8015M TP-VD (Diesel-GC)  
Lead Lead Gold

CIRCLE APPROPRIATE MATRIX:  
 SOLID / SOIL / SLUDGE  
 OIL / SOLVENT / LIQUID  
 WATER / WASTEWATER  
 DRINKING WATER  
 AIR  
 WIPE / FILTER  
 OTHER

Container(s): TAT # Type

ITEM	LAB USE ONLY:		Sample Description			
	Batch #:	Lab No.	Sample I.D.	Date	Time	
		51	547-5	7-11-02	11:55	
		52	547-1		12:58	
		53	547-2		12:04	
		54	547-3		12:15	
		55	548-5		11:50	
		56	548-1		11:56	
		57	548-2		12:01	
		58	548-3		12:16	
		59	549-5		12:16	
		60	549-1		12:21	

PRESERVATION	MATRIX		REMARKS
	TAT	Container(s)	
RTNE <input type="checkbox"/>			
RWQCB <input type="checkbox"/>			
WIP <input type="checkbox"/>			
NAVY <input type="checkbox"/>			
CT <input checked="" type="checkbox"/>			
OTHER <input type="checkbox"/>			

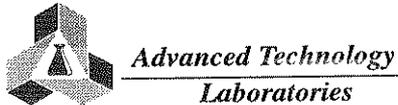
• TAT starts 8 a.m. following day if samples received after 5 p.m.

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<sub>3</sub> S=H<sub>2</sub>SO<sub>4</sub> C=4°C Z=Zn(AC)<sub>2</sub> O=NaOH T=Na<sub>2</sub>S<sub>2</sub>O<sub>3</sub>

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

# CHAIN OF CUSTODY RECORD



3275 Walnut Avenue  
Signal Hill, CA 90807  
(562) 989-4045 • FAX (562) 989-4040

## FOR LABORATORY USE ONLY:

P.O.#: _____	Method of Transport Walk-in <input type="checkbox"/> Courier <input type="checkbox"/> UPS <input type="checkbox"/> FED. EXP. <input type="checkbox"/> ATL <input checked="" type="checkbox"/>	Sample Condition Upon Receipt 1. CHILLED Y <input type="checkbox"/> N <input checked="" type="checkbox"/> 4. SEALED Y <input type="checkbox"/> N <input checked="" type="checkbox"/> 2. HEADSPACE (VOA) Y <input type="checkbox"/> N <input checked="" type="checkbox"/> 5. # OF SPLS MATCH COC Y <input checked="" type="checkbox"/> N <input type="checkbox"/> 3. CONTAINER INTACT Y <input checked="" type="checkbox"/> N <input type="checkbox"/> 6. PRESERVED Y <input type="checkbox"/> N <input checked="" type="checkbox"/>
Logged By: <u>[Signature]</u>	Date: <u>7/12/02</u> Time: _____	

Client: <b>GEOCON ENVIRONMENTAL - SAN DIEGO</b>	Address: 6970 Flanders Drive	TEL: ( 858 ) 558-6100
Attn: <u>Chris King</u>	City: San Diego State: CA Zip Code: 92121	FAX: ( 858 ) 558-8437

Project Name: <u>SP5 - South bound</u>	Project #: <u>09100-06-49</u>	Sampler: <u>CCBKCA</u> (Printed Name)	(Signature) _____
Relinquished by: (Signature and Printed Name) _____	Date: <u>7-11-02</u> Time: <u>8:20</u>	Received by: (Signature and Printed Name) <u>[Signature]</u>	Date: <u>7-11-02</u> Time: <u>4:30</u>
Relinquished by: (Signature and Printed Name) <u>[Signature]</u>	Date: <u>7-11-02</u> Time: <u>8:20</u>	Received by: (Signature and Printed Name) <u>[Signature]</u>	Date: <u>7/12/02</u> Time: _____
Relinquished by: (Signature and Printed Name) _____	Date: _____ Time: _____	Received by: (Signature and Printed Name) _____	Date: _____ Time: _____

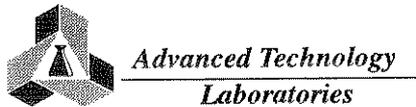
I hereby authorize ATL to perform the work indicated below: Project Mgr /Submitter: <u>CSK</u> <u>7-11-02</u> Date Signature: <u>[Signature]</u>	Send Report To: Attn: _____ Co: <u>Client</u> Address: _____ City _____ State _____ Zip _____	Bill To: Attn: _____ Co: <u>Client</u> Address: _____ City _____ State _____ Zip _____	Special Instructions/Comments: <u>SEE PAGE 1</u>
---	---	--	---

Unless otherwise requested, all samples will be disposed 45 days after receipt.	Sample Archive/Disposal: <input type="checkbox"/> Laboratory Standard <input type="checkbox"/> Other _____ <input type="checkbox"/> Return To: _____ * \$10.00 FEE PER HAZARDOUS SAMPLE DISPOSAL.	Circle or Add Analysis(es) Requested: 8061 / 8062 (Pesticides-PCB-OC) 8060 (Volatiles-GC/MS) 805 / 8070 (BVA-GC/MS) Metals: Total (CAC-8010 / 7000) 8015M TPHGIBTEX (COMBINATION) 8015M TPHVD (Diesel-GC) <u>TOTAL LEAK (GAL)</u>
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ITEM	LAB USE ONLY:		Sample Description				CIRCLE APPROPRIATE MATRIX										PRESERVATION	QA/QC	REMARKS											
	Batch #:	Lab No.	Sample I.D.	Date	Time	8061 / 8062 (Pesticides-PCB-OC)	8060 (Volatiles-GC/MS)	805 / 8070 (BVA-GC/MS)	Metals: Total (CAC-8010 / 7000)	8015M TPHGIBTEX (COMBINATION)	8015M TPHVD (Diesel-GC)	SOLID SOIL • SLUDGE	OIL • SOLVENT • LIQUID	WATER • WASTEWATER	DIPKING WATER	AIR				WIPE • FILTER	OTHER	TAT	#	Type	RTNE <input type="checkbox"/>	RWQCB <input type="checkbox"/>	WIP <input type="checkbox"/>	NAVY <input type="checkbox"/>	CT <input checked="" type="checkbox"/>	OTHER <input type="checkbox"/>
		61	549-2	7-11-02	1235																									
		62	349-3		1239																									
		63	550-5		1217																									
		64	550-1		1221																									
		65	550-2		1226																									
		66	550-3		1231																									
		67	551-5		1240																									
		68	551-2		1247																									
		69	551-2		1251																									
		70	551-3		1255																									

• TAT starts 8 a.m. following day if samples received after 5 p.m.	TAT: A= <input type="checkbox"/> Overnight ≤ 24 hr B= <input type="checkbox"/> Emergency Next workday C= <input type="checkbox"/> Critical 2 Workdays D= <input type="checkbox"/> Urgent 3 Workdays E= <input type="checkbox"/> Routine 7 Workdays	Preservatives: H=HCl N=HNO <sub>3</sub> S=H <sub>2</sub> SO <sub>4</sub> C=4°C Z=Zn(AC) <sub>2</sub> O=NaOH T=Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub>
Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal		

# CHAIN OF CUSTODY RECORD



**Advanced Technology Laboratories**  
 3275 Walnut Avenue  
 Signal Hill, CA 90807  
 (562) 989-4045 • FAX (562) 989-4040

## FOR LABORATORY USE ONLY:

P.O.#: _____	Method of Transport: Walk-in <input type="checkbox"/> Courier <input type="checkbox"/> UPS <input type="checkbox"/> FED. EXP. <input type="checkbox"/> ATL <input checked="" type="checkbox"/>	Sample Condition Upon Receipt: 1. CHILLED Y <input type="checkbox"/> N <input checked="" type="checkbox"/> 4. SEALED Y <input type="checkbox"/> N <input checked="" type="checkbox"/> 2. HEADSPACE (VOA) Y <input type="checkbox"/> N <input checked="" type="checkbox"/> 5. # OF SPLS MATCH COC Y <input checked="" type="checkbox"/> N <input type="checkbox"/> 3. CONTAINER INTACT Y <input checked="" type="checkbox"/> N <input type="checkbox"/> 6. PRESERVED Y <input type="checkbox"/> N <input checked="" type="checkbox"/>
Logged By: <u>[Signature]</u>	Date: <u>7/12</u> Time: _____	

Client: <b>GEOCON ENVIRONMENTAL - SAN DIEGO</b>	Address: 6970 Flanders Drive	TEL: ( 858 ) 558-6100
Attn: <u>Chris King</u>	City: San Diego State: CA Zip Code: 92121	FAX: ( 858 ) 558-8437

Project Name: <u>R455 - Southbound</u>	Project #: <u>0900-06-49</u>	Sampler: <u>CG8/GCA</u>	Date: <u>7-11-02</u> Time: <u>4:30P</u>
Relinquished by: <u>[Signature]</u>	Date: <u>7-11-02</u> Time: <u>4:30P</u>	Received by: <u>[Signature]</u>	Date: <u>7-11-02</u> Time: <u>4:30P</u>
Relinquished by: <u>[Signature]</u>	Date: <u>7-11-02</u> Time: <u>8:20P</u>	Received by: <u>[Signature]</u>	Date: <u>7/12/02</u> Time: _____

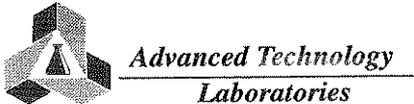
I hereby authorize ATL to perform the work indicated below: Project Mgr /Submitter: <u>[Signature]</u> <u>7-11-02</u>	Send Report To: Attn: _____ Co: <u>Client</u> Address: _____ City _____ State _____ Zip _____	Bill To: Attn: _____ Co: <u>Client</u> Address: _____ City _____ State _____ Zip _____	Special Instructions/Comments: <u>SEE PAGE 2</u>
--	---	--	---

Unless otherwise requested, all samples will be disposed 45 days after receipt.	Sample Archive/Disposal: <input type="checkbox"/> Laboratory Standard <input type="checkbox"/> Other _____ <input type="checkbox"/> Return To: _____ * \$10.00 FEE PER HAZARDOUS SAMPLE DISPOSAL.	Circle or Add Analysis(es) Requested: 8081 / 8082 (Pesticides/PCB/OC) 8250 (Volatile/SC/MS) 8251 / 8270 (BVA/GC/MS) Metals: Total (CAC-8010 / 7000) 8015M TPH/GBTEX (COMBINATION) 8015M TPH/D (Diesel/GC) <u>TOTAL LAB 6010</u>
---	---	--

ITEM	LAB USE ONLY:		Sample Description				CIRCLE APPROPRIATE MATRIX										PRESERVATION	REMARKS								
	Batch #:	Lab No.	Sample I.D.	Date	Time	8081 / 8082 (Pesticides/PCB/OC)	8250 (Volatile/SC/MS)	8251 / 8270 (BVA/GC/MS)	Metals: Total (CAC-8010 / 7000)	8015M TPH/GBTEX (COMBINATION)	8015M TPH/D (Diesel/GC)	SOLID	SOIL • SLUDGE	OIL • SOLVENT • LIQUID	WATER • WASTEWATER	DRINKING WATER			AIR	WIPE • FILTER	OTHER	TAT	#	Type		
		71	552-5	7-11-02	1238							X														
		72	552-1		1242																					
		73	552-2		1247																					
		74	552-3		1251																					
		75	553-5		1252																					
		76	553-1		1257																					
		77	553-2		101																					
		78	553-3		106																					
		79	554-5		1257																					
		80	554-1		101																					

• TAT starts 8 a.m. following day if samples received after 5 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 <sub>3</sub> S=H <sub>2</sub> SO <sub>4</sub> C=4°C Z=Zn(AC) <sub>2</sub> O=NaOH T=Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub>
Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal						

# CHAIN OF CUSTODY RECORD



**Advanced Technology Laboratories**  
 3275 Walnut Avenue  
 Signal Hill, CA 90807  
 (562) 989-4045 • FAX (562) 989-4040

**FOR LABORATORY USE ONLY:**

P.O.#: _____	Method of Transport Walk-in <input type="checkbox"/> Courier <input type="checkbox"/> UPS <input type="checkbox"/> FED. EXP. <input type="checkbox"/> ATL <input checked="" type="checkbox"/>	Sample Condition Upon Receipt 1. CHILLED Y <input type="checkbox"/> N <input checked="" type="checkbox"/> 4. SEALED Y <input type="checkbox"/> N <input checked="" type="checkbox"/> 2. HEADSPACE (VOA) Y <input type="checkbox"/> N <input checked="" type="checkbox"/> 5. # OF SPLS MATCH COC Y <input checked="" type="checkbox"/> N <input type="checkbox"/> 3. CONTAINER INTACT Y <input checked="" type="checkbox"/> N <input type="checkbox"/> 6. PRESERVED Y <input type="checkbox"/> N <input checked="" type="checkbox"/>
Logged By: <u>[Signature]</u>	Date: <u>7/12/02</u>	Time: _____

Client: <b>GEOCON ENVIRONMENTAL - SAN DIEGO</b>	Address: 6970 Flanders Drive	TEL: ( 858 ) 558-6100
Attn: <u>Chris King</u>	City: San Diego State: CA Zip Code: 92121	FAX: ( 858 ) 558-8437

Project Name: <u>Site 5 South Bernal</u>	Project #: <u>09100-06-49</u>	Sampler: <u>CCG B/C/LA</u>	Date: <u>7-11-02</u>
Relinquished by: <u>[Signature]</u>	Date: <u>7-11-02</u>	Time: <u>4:30p</u>	Received by: <u>[Signature]</u>
Relinquished by: <u>[Signature]</u>	Date: <u>7-11-02</u>	Time: <u>8:20p</u>	Received by: <u>[Signature]</u>
Relinquished by: _____	Date: _____	Time: _____	Received by: _____

I hereby authorize ATL to perform the work indicated below: Project Mgr /Submitter: <u>Chris King</u> <u>7-11-02</u>	Send Report To: Attn: <u>Client</u> Co: <u>Client</u> Address: _____ City: _____ State: _____ Zip: _____	Bill To: Attn: <u>Client</u> Co: <u>Client</u> Address: _____ City: _____ State: _____ Zip: _____	Special Instructions/Comments: <u>See Page 1</u>
---	--	---	---

Unless otherwise requested, all samples will be disposed 45 days after receipt.	Sample Archive/Disposal: <input type="checkbox"/> Laboratory Standard <input type="checkbox"/> Other _____ <input type="checkbox"/> Return To: _____ * \$10.00 FEE PER HAZARDOUS SAMPLE DISPOSAL.	Circle or Add Analysis(es) Requested 8061 / 8082 (Pesticides/PCB-CC) 8200 (V. Volatiles-GC/MS) 823 / 8270 (BNA-GC/MS) Metals: Total (CAC-8010 / 7000) 8015M TPH/GSTEX (COMBINATION) 8015M TPH/GSTEX (Diesel/GC) TSS / LEAD / COPPER	CIRCLE APPROPRIATE MATRIX SOLID • SOIL • SLUDGE OIL • SOLVENT • LIQUID WATER • WASTEWATER DRINKING WATER AIR WIPE • FILTER OTHER _____ TAT # _____ Type _____	PRESERVATION RTNE <input type="checkbox"/> RWQCB <input type="checkbox"/> WIP <input type="checkbox"/> NAVY <input type="checkbox"/> CT <input type="checkbox"/> OTHER _____	QA/QC REMARKS
---	---	--	---	--	------------------

ITEM	LAB USE ONLY:		Sample Description				TAT	#	Type	REMARKS
	Batch #:	Lab No.	Sample I.D.	Date	Time	Container(s)				
		81	554-2	7-11-02	106			E 1 J 5		
		82	554-3		111			X X X		
		83	555-5		121					
		84	555-1		127					
		85	555-2		133					
		86	556-5		121					
		87	556-1		126					
		88	556-2		130					
		89	556-3		134					
		90	557-5		147					

• TAT starts 8 a.m. following day if samples received after 5 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 <sub>2</sub> S=H <sub>2</sub> SO <sub>4</sub> C=4°C Z=Zn(AC) <sub>2</sub> O=NaOH T=Na <sub>2</sub> S <sub>2</sub> O <sub>8</sub>
Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal						



# CHAIN OF CUSTODY RECORD



**Advanced Technology  
Laboratories**

3275 Walnut Avenue  
Signal Hill, CA 90807  
(562) 989-4045 • FAX (562) 989-4040

## FOR LABORATORY USE ONLY:

P.O.#: \_\_\_\_\_

Logged By: [Signature]

Date: 7/12/02 Time: \_\_\_\_\_

### Method of Transport

- Walk-in
- Courier
- UPS
- FED. EXP.
- ATL

### Sample Condition Upon Receipt

- 1. CHILLED  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 ENVIRONMENTAL - SAN DIEGO**

Address: 6970 Flanders Drive

TEL: ( 858 ) 558-6100

Attn: Chris King

City San Diego

State CA

Zip Code 92121

FAX: ( 858 ) 558-8437

Project Name: Rts 5 Southbound

Project #: 09100-06-49

Sampler: CGB/GCA

Relinquished by: [Signature]

Date: 7-11-02

Time: 4:30p

Received by: [Signature]

Date: 7-11-02

Time: 6:30p

Relinquished by: [Signature]

Date: 7-11-02

Time: 8:20p

Received by: [Signature]

Date: 7/12/02

Time: \_\_\_\_\_

Relinquished by: \_\_\_\_\_

Date: \_\_\_\_\_

Time: \_\_\_\_\_

Received by: \_\_\_\_\_

Date: \_\_\_\_\_

Time: \_\_\_\_\_

I hereby authorize ATL to perform the work indicated below:

Send Report To:

Bill To:

Special Instructions/Comments:

Project Mgr /Submitter:

Attn: \_\_\_\_\_

Attn: \_\_\_\_\_

CSK 7-11-02

Co: Client

Co: Client

Address \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_

State \_\_\_\_\_

Zip \_\_\_\_\_

City \_\_\_\_\_

State \_\_\_\_\_

Zip \_\_\_\_\_

Unless otherwise requested, all samples will be disposed 45 days after receipt.

Sample Archive/Disposal:

- Laboratory Standard
- Other \_\_\_\_\_
- Return To: \_\_\_\_\_

\* \$10.00 FEE PER HAZARDOUS SAMPLE DISPOSAL.

Circle or Add Analysis(es) Requested

- 8081 / 8082 (Pesticides/PCB-GC)
- 8080 (Volatiles-GC/MS)
- 825 / 8270 (BNA-GC/MS)
- Meets Total (CAC-GC/MS)
- 8015M TPH/BTEX (COMBINATION)
- 8015M TPH/D (Diesel-GC)

CIRCLE APPROPRIATE MATRIX

- SOLID • SOIL • SLUDGE
- OIL • SOLVENT • LIQUID
- WATER
- DRINKING WATER
- AIR
- WIPE • FILTER
- OTHER

Container(s)

TAT # Type

- QA/QC**
- RTNE
  - RWQCB
  - WIP
  - NAVY
  - CT
  - OTHER

REMARKS

ITEM	LAB USE ONLY:		Sample Description			
	Batch #:	Lab No.	Sample I.D.	Date	Time	
		98	EB-15	7-11-02	955	
		99	EB-16		1001	
		100	EB-17		1014	
		101	EB-18		1110	
		102	EB-19		1148	
		103	EB-20		1220	
		104	EB-21		1250	
		105	EB-22		1417	
		106	EB-23		141	
		107	EB-24		156	

• TAT starts 8 a.m. following day if samples received after 5 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<sub>3</sub> S=H<sub>2</sub>SO<sub>4</sub> C=4°C  
Z=Zn(AC)<sub>2</sub> O=NaOH T=Na<sub>2</sub>S<sub>2</sub>O<sub>3</sub>

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Teclar G=Glass P=Plastic M=Metal

# Advanced Technology Laboratories

Date: 7/18/2002

## LEAD BY ICP EPA 6010B

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057890
<b>Project:</b>	Rte 5-Southbound, 09100-06-49	<b>Date Received:</b>	7/11/2002 8:20:0
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	RQ

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057890-001A	S34-S	1100	mg/Kg	9540	5	1	7/11/2002	7/15/2002
057890-002A	S34-1	690	mg/Kg	9540	5	1	7/11/2002	7/15/2002
057890-003A	S34-2	310	mg/Kg	9540	5	1	7/11/2002	7/15/2002
057890-004A	S34-3	60	mg/Kg	9540	5	1	7/11/2002	7/15/2002
057890-005A	S35-S	1000	mg/Kg	9540	5	1	7/11/2002	7/15/2002
057890-006A	S35-1	680	mg/Kg	9540	5	1	7/11/2002	7/15/2002
057890-007A	S35-2	100	mg/Kg	9540	5	1	7/11/2002	7/15/2002
057890-008A	S35-3	53	mg/Kg	9540	5	1	7/11/2002	7/15/2002
057890-009A	S36-S	650	mg/Kg	9540	5	1	7/11/2002	7/15/2002
057890-010A	S36-1	14	mg/Kg	9540	5	1	7/11/2002	7/15/2002
057890-011A	S36-2	11	mg/Kg	9540	5	1	7/11/2002	7/15/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified

Page 1 of 11



**Advanced Technology Laboratories**

Date: 7/18/2002

**LEAD BY ICP  
EPA 6010B**

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057890
<b>Project:</b>	Rte 5-Southbound, 09100-06-49	<b>Date Received:</b>	7/11/2002 8:20:0
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	RQ

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057890-012A	S36-3	10	mg/Kg	9540	5	1	7/11/2002	7/15/2002
057890-013A	S37-S	1200	mg/Kg	9540	5	1	7/11/2002	7/15/2002
057890-014A	S37-1	790	mg/Kg	9540	5	1	7/11/2002	7/15/2002
057890-015A	S37-2	140	mg/Kg	9540	5	1	7/11/2002	7/15/2002
057890-016A	S37-3	76	mg/Kg	9540	5	1	7/11/2002	7/15/2002
057890-017A	S38-S	330	mg/Kg	9540	5	1	7/11/2002	7/15/2002
057890-018A	S38-1	320	mg/Kg	9540	5	1	7/11/2002	7/15/2002
057890-019A	S38-2	63	mg/Kg	9540	5	1	7/11/2002	7/15/2002
057890-020A	S38-3	140	mg/Kg	9540	5	1	7/11/2002	7/15/2002
057890-021A	S39-S	910	mg/Kg	9541	5	1	7/11/2002	7/15/2002
057890-022A	S39-1	690	mg/Kg	9541	5	1	7/11/2002	7/15/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



**LEAD BY ICP  
EPA 6010B**

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057890
<b>Project:</b>	Rte 5-Southbound, 09100-06-49	<b>Date Received:</b>	7/11/2002 8:20:0
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	RQ

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057890-023A	S39-2	110	mg/Kg	9541	5	1	7/11/2002	7/15/2002
057890-024A	S39-3	87	mg/Kg	9541	5	1	7/11/2002	7/15/2002
057890-025A	S40-S	760	mg/Kg	9541	5	1	7/11/2002	7/15/2002
057890-026A	S40-1	240	mg/Kg	9541	5	1	7/11/2002	7/15/2002
057890-027A	S40-2	140	mg/Kg	9541	5	1	7/11/2002	7/15/2002
057890-028A	S40-3	150	mg/Kg	9541	5	1	7/11/2002	7/15/2002
057890-029A	S41-S	860	mg/Kg	9541	5	1	7/11/2002	7/15/2002
057890-030A	S41-1	97	mg/Kg	9541	5	1	7/11/2002	7/15/2002
057890-031A	S41-2	220	mg/Kg	9541	5	1	7/11/2002	7/15/2002
057890-032A	S42-S	1600	mg/Kg	9541	5	1	7/11/2002	7/15/2002
057890-033A	S42-1	770	mg/Kg	9541	5	1	7/11/2002	7/15/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
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	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
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**Advanced Technology Laboratories**

Date: 7/18/2002

**LEAD BY ICP  
EPA 6010B**

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057890
<b>Project:</b>	Rte 5-Southbound, 09100-06-49	<b>Date Received:</b>	7/11/2002 8:20:0
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	RQ

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057890-034A	S42-2	140	mg/Kg	9541	5	1	7/11/2002	7/15/2002
057890-035A	S42-3	250	mg/Kg	9541	5	1	7/11/2002	7/15/2002
057890-036A	S43-S	2800	mg/Kg	9541	5	1	7/11/2002	7/15/2002
057890-037A	S43-1	1300	mg/Kg	9541	5	1	7/11/2002	7/15/2002
057890-038A	S43-2	190	mg/Kg	9541	5	1	7/11/2002	7/15/2002
057890-039A	S44-S	2000	mg/Kg	9541	5	1	7/11/2002	7/15/2002
057890-040A	S44-1	1700	mg/Kg	9541	5	1	7/11/2002	7/15/2002
057890-041A	S44-2	1200	mg/Kg	9542	5	1	7/11/2002	7/15/2002
057890-042A	S44-3	150	mg/Kg	9542	5	1	7/11/2002	7/15/2002
057890-043A	S45-S	1600	mg/Kg	9542	5	1	7/11/2002	7/15/2002
057890-044A	S45-1	560	mg/Kg	9542	5	1	7/11/2002	7/15/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



**Advanced Technology Laboratories**

Date: 7/18/2002

**LEAD BY ICP  
EPA 6010B**

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057890
<b>Project:</b>	Rte 5-Southbound, 09100-06-49	<b>Date Received:</b>	7/11/2002 8:20:0
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	RQ

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057890-045A	S45-2	550	mg/Kg	9542	5	1	7/11/2002	7/15/2002
057890-046A	S45-3	99	mg/Kg	9542	5	1	7/11/2002	7/15/2002
057890-047A	S46-S	1300	mg/Kg	9542	5	1	7/11/2002	7/15/2002
057890-048A	S46-1	180	mg/Kg	9542	5	1	7/11/2002	7/15/2002
057890-049A	S46-2	350	mg/Kg	9542	5	1	7/11/2002	7/15/2002
057890-050A	S46-3	92	mg/Kg	9542	5	1	7/11/2002	7/15/2002
057890-051A	S47-S	800	mg/Kg	9542	5	1	7/11/2002	7/15/2002
057890-052A	S47-1	640	mg/Kg	9542	5	1	7/11/2002	7/15/2002
057890-053A	S47-2	94	mg/Kg	9542	5	1	7/11/2002	7/15/2002
057890-054A	S47-3	110	mg/Kg	9542	5	1	7/11/2002	7/15/2002
057890-055A	S48-S	1100	mg/Kg	9542	5	1	7/11/2002	7/15/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



**Advanced Technology Laboratories**

Date: 7/18/2002

**LEAD BY ICP  
EPA 6010B**

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057890
<b>Project:</b>	Rte 5-Southbound, 09100-06-49	<b>Date Received:</b>	7/11/2002 8:20:0
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	RQ

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057890-056A	S48-1	360	mg/Kg	9542	5	1	7/11/2002	7/15/2002
057890-057A	S48-2	99	mg/Kg	9542	5	1	7/11/2002	7/15/2002
057890-058A	S48-3	23	mg/Kg	9542	5	1	7/11/2002	7/15/2002
057890-059A	S49-S	310	mg/Kg	9542	5	1	7/11/2002	7/15/2002
057890-060A	S49-1	18	mg/Kg	9542	5	1	7/11/2002	7/15/2002
057890-061A	S49-2	ND	mg/Kg	9543	5	1	7/11/2002	7/15/2002
057890-062A	S49-3	6.9	mg/Kg	9543	5	1	7/11/2002	7/15/2002
057890-063A	S50-S	960	mg/Kg	9543	5	1	7/11/2002	7/15/2002
057890-064A	S50-1	140	mg/Kg	9543	5	1	7/11/2002	7/15/2002
057890-065A	S50-2	66	mg/Kg	9543	5	1	7/11/2002	7/15/2002
057890-066A	S50-3	120	mg/Kg	9543	5	1	7/11/2002	7/15/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



**Advanced Technology Laboratories**

Date: 7/18/2002

**LEAD BY ICP  
EPA 6010B**

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057890
<b>Project:</b>	Rte 5-Southbound, 09100-06-49	<b>Date Received:</b>	7/11/2002 8:20:0
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	RQ

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057890-067A	S51-S	470	mg/Kg	9543	5	1	7/11/2002	7/15/2002
057890-068A	S51-1	20	mg/Kg	9543	5	1	7/11/2002	7/15/2002
057890-069A	S51-2	30	mg/Kg	9543	5	1	7/11/2002	7/15/2002
057890-070A	S51-3	8.0	mg/Kg	9543	5	1	7/11/2002	7/15/2002
057890-071A	S52-S	680	mg/Kg	9543	5	1	7/11/2002	7/15/2002
057890-072A	S52-1	110	mg/Kg	9543	5	1	7/11/2002	7/15/2002
057890-073A	S52-2	180	mg/Kg	9543	5	1	7/11/2002	7/15/2002
057890-074A	S52-3	38	mg/Kg	9543	5	1	7/11/2002	7/15/2002
057890-075A	S53-S	510	mg/Kg	9543	5	1	7/11/2002	7/15/2002
057890-076A	S53-1	190	mg/Kg	9543	5	1	7/11/2002	7/15/2002
057890-077A	S53-2	14	mg/Kg	9543	5	1	7/11/2002	7/15/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



**Advanced Technology Laboratories**

Date: 7/18/2002

**LEAD BY ICP  
EPA 6010B**

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057890
<b>Project:</b>	Rte 5-Southbound, 09100-06-49	<b>Date Received:</b>	7/11/2002 8:20:0
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	RQ

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057890-078A	S53-3	38	mg/Kg	9543	5	1	7/11/2002	7/15/2002
057890-079A	S54-S	1000	mg/Kg	9543	5	1	7/11/2002	7/15/2002
057890-080A	S54-1	41	mg/Kg	9543	5	1	7/11/2002	7/15/2002
057890-081A	S54-2	31	mg/Kg	9544	5	1	7/11/2002	7/16/2002
057890-082A	S54-3	12	mg/Kg	9544	5	1	7/11/2002	7/16/2002
057890-083A	S55-S	83	mg/Kg	9544	5	1	7/11/2002	7/16/2002
057890-084A	S55-1	510	mg/Kg	9544	5	1	7/11/2002	7/16/2002
057890-085A	S55-2	120	mg/Kg	9544	5	1	7/11/2002	7/16/2002
057890-086A	S56-S	2000	mg/Kg	9544	5	1	7/11/2002	7/16/2002
057890-087A	S56-1	610	mg/Kg	9544	5	1	7/11/2002	7/16/2002
057890-088A	S56-2	440	mg/Kg	9544	5	1	7/11/2002	7/16/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



**Advanced Technology Laboratories**

Date: 7/18/2002

**LEAD BY ICP  
EPA 6010B**

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057890
<b>Project:</b>	Rte 5-Southbound, 09100-06-49	<b>Date Received:</b>	7/11/2002 8:20:0
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	RQ

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057890-089A	S56-3	73	mg/Kg	9544	5	1	7/11/2002	7/16/2002
057890-090A	S57-S	670	mg/Kg	9544	5	1	7/11/2002	7/16/2002
057890-091A	S57-1	570	mg/Kg	9544	5	1	7/11/2002	7/16/2002
057890-092A	S57-2	43	mg/Kg	9544	5	1	7/11/2002	7/16/2002
057890-093A	S57-3	750	mg/Kg	9544	5	1	7/11/2002	7/16/2002
057890-094A	S58-S	1200	mg/Kg	9544	5	1	7/11/2002	7/16/2002
057890-095A	S58-1	960	mg/Kg	9544	5	1	7/11/2002	7/16/2002
057890-096A	S58-2	950	mg/Kg	9544	5	1	7/11/2002	7/16/2002
057890-097A	S58-3	150	mg/Kg	9544	5	1	7/11/2002	7/16/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



ICP METALS  
EPA 6010B

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057890
<b>Project:</b>	Rte 5-Southbound, 09100-06-49	<b>Date Received:</b>	7/11/2002 8:20:0
<b>Project No:</b>		<b>Matrix:</b>	Water
<b>PO No:</b>		<b>Analyst:</b>	RQ

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057890-098A	EB-15	ND	mg/L	9581	0.005	1	7/11/2002	7/16/2002
057890-099A	EB-16	ND	mg/L	9581	0.005	1	7/11/2002	7/16/2002
057890-100A	EB-17	ND	mg/L	9581	0.005	1	7/11/2002	7/16/2002
057890-101A	EB-18	ND	mg/L	9581	0.005	1	7/11/2002	7/16/2002
057890-102A	EB-19	ND	mg/L	9581	0.005	1	7/11/2002	7/16/2002
057890-103A	EB-20	ND	mg/L	9581	0.005	1	7/11/2002	7/16/2002
057890-104A	EB-21	ND	mg/L	9581	0.005	1	7/11/2002	7/16/2002
057890-105A	EB-22	ND	mg/L	9581	0.005	1	7/11/2002	7/16/2002
057890-106A	EB-23	ND	mg/L	9581	0.005	1	7/11/2002	7/16/2002
057890-107A	EB-24	ND	mg/L	9581	0.005	1	7/11/2002	7/16/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



**Advanced Technology Laboratories**

Date: 7/18/2002

**pH  
EPA 9045C**

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057890
<b>Project:</b>	Rte 5-Southbound, 09100-06-49	<b>Date Received:</b>	7/11/2002 8:20:0
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	JT

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057890-001A	S34-S	7.51	pH Units	R19480	0.1	1	7/11/2002	7/17/2002
057890-010A	S36-1	8.41	pH Units	R19480	0.1	1	7/11/2002	7/17/2002
057890-020A	S38-3	6.53	pH Units	R19480	0.1	1	7/11/2002	7/17/2002
057890-030A	S41-1	6.88	pH Units	R19480	0.1	1	7/11/2002	7/17/2002
057890-040A	S44-1	6.86	pH Units	R19480	0.1	1	7/11/2002	7/17/2002
057890-050A	S46-3	8.45	pH Units	R19480	0.1	1	7/11/2002	7/17/2002
057890-060A	S49-1	7.88	pH Units	R19480	0.1	1	7/11/2002	7/17/2002
057890-070A	S51-3	8.86	pH Units	R19480	0.1	1	7/11/2002	7/17/2002
057890-080A	S54-1	8.40	pH Units	R19480	0.1	1	7/11/2002	7/17/2002
057890-090A	S57-S	7.46	pH Units	R19480	0.1	1	7/11/2002	7/17/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



**LEAD BY ATOMIC ABSORPTION  
WET/ EPA 7420**

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057890
<b>Project:</b>	Rte 5-Southbound, 09100-06-49	<b>Date Received:</b>	7/11/2002 8:20:0
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	JT

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057890-002A	S34-1	45	mg/L	9718	0.8	4	7/11/2002	7/23/2002
057890-003A	S34-2	14	mg/L	9718	0.2	1	7/11/2002	7/23/2002
057890-004A	S34-3	5.3	mg/L	9718	0.2	1	7/11/2002	7/23/2002
057890-006A	S35-1	58	mg/L	9718	0.8	4	7/11/2002	7/23/2002
057890-007A	S35-2	6.3	mg/L	9718	0.2	1	7/11/2002	7/23/2002
057890-008A	S35-3	4.1	mg/L	9718	0.2	1	7/11/2002	7/23/2002
057890-009A	S36-S	17	mg/L	9718	0.4	2	7/11/2002	7/23/2002
057890-014A	S37-1	63	mg/L	9718	1	5	7/11/2002	7/23/2002
057890-015A	S37-2	10	mg/L	9718	0.2	1	7/11/2002	7/23/2002
057890-016A	S37-3	3.1	mg/L	9718	0.2	1	7/11/2002	7/23/2002
057890-017A	S38-S	27	mg/L	9724	0.4	2	7/11/2002	7/23/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



LEAD BY ATOMIC ABSORPTION  
WET/ EPA 7420

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057890
<b>Project:</b>	Rte 5-Southbound, 09100-06-49	<b>Date Received:</b>	7/11/2002 8:20:0
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	JT

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057890-018A	S38-1	21	mg/L	9724	0.4	2	7/11/2002	7/23/2002
057890-019A	S38-2	3.7	mg/L	9724	0.2	1	7/11/2002	7/23/2002
057890-020A	S38-3	6.2	mg/L	9724	0.2	1	7/11/2002	7/23/2002
057890-021A	S39-S	57	mg/L	9724	0.8	4	7/11/2002	7/23/2002
057890-022A	S39-1	47	mg/L	9724	0.8	4	7/11/2002	7/23/2002
057890-023A	S39-2	5.7	mg/L	9724	0.2	1	7/11/2002	7/23/2002
057890-024A	S39-3	6.7	mg/L	9724	0.2	1	7/11/2002	7/23/2002
057890-025A	S40-S	24	mg/L	9724	0.4	2	7/11/2002	7/23/2002
057890-026A	S40-1	5.4	mg/L	9724	0.2	1	7/11/2002	7/23/2002
057890-027A	S40-2	6.1	mg/L	9724	0.2	1	7/11/2002	7/23/2002
057890-028A	S40-3	10	mg/L	9724	0.2	1	7/11/2002	7/23/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



**LEAD BY ATOMIC ABSORPTION  
WET/ EPA 7420**

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057890
<b>Project:</b>	Rte 5-Southbound, 09100-06-49	<b>Date Received:</b>	7/11/2002 8:20:0
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	JT

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057890-029A	S41-S	54	mg/L	9724	0.8	4	7/11/2002	7/23/2002
057890-030A	S41-1	6.6	mg/L	9724	0.2	1	7/11/2002	7/23/2002
057890-031A	S41-2	13	mg/L	9724	0.2	1	7/11/2002	7/23/2002
057890-033A	S42-1	100	mg/L	9724	2	10	7/11/2002	7/23/2002
057890-034A	S42-2	11	mg/L	9724	0.2	1	7/11/2002	7/23/2002
057890-035A	S42-3	22	mg/L	9724	0.4	2	7/11/2002	7/23/2002
057890-038A	S43-2	15	mg/L	9724	0.2	1	7/11/2002	7/23/2002
057890-042A	S44-3	9.1	mg/L	9724	0.2	1	7/11/2002	7/23/2002
057890-044A	S45-1	48	mg/L	9725	0.8	4	7/11/2002	7/23/2002
057890-045A	S45-2	50	mg/L	9725	0.8	4	7/11/2002	7/23/2002
057890-046A	S45-3	12	mg/L	9725	0.2	1	7/11/2002	7/23/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



LEAD BY ATOMIC ABSORPTION  
WET/ EPA 7420

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057890
<b>Project:</b>	Rte 5-Southbound, 09100-06-49	<b>Date Received:</b>	7/11/2002 8:20:0
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	JT

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057890-048A	S46-1	24	mg/L	9725	0.4	2	7/11/2002	7/23/2002
057890-049A	S46-2	23	mg/L	9725	0.4	2	7/11/2002	7/23/2002
057890-050A	S46-3	7.6	mg/L	9725	0.2	1	7/11/2002	7/23/2002
057890-051A	S47-S	81	mg/L	9725	2	10	7/11/2002	7/23/2002
057890-052A	S47-1	50	mg/L	9725	0.8	4	7/11/2002	7/23/2002
057890-053A	S47-2	7.7	mg/L	9725	0.2	1	7/11/2002	7/23/2002
057890-054A	S47-3	10	mg/L	9725	0.2	1	7/11/2002	7/23/2002
057890-056A	S48-1	18	mg/L	9725	0.4	2	7/11/2002	7/23/2002
057890-057A	S48-2	5.7	mg/L	9725	0.2	1	7/11/2002	7/23/2002
057890-059A	S49-S	26	mg/L	9725	0.4	2	7/11/2002	7/23/2002
057890-063A	S50-S	97	mg/L	9725	2	10	7/11/2002	7/23/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



LEAD BY ATOMIC ABSORPTION  
WET/ EPA 7420

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057890
<b>Project:</b>	Rte 5-Southbound, 09100-06-49	<b>Date Received:</b>	7/11/2002 8:20:0
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	JT

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057890-064A	S50-1	17	mg/L	9725	0.4	2	7/11/2002	7/23/2002
057890-065A	S50-2	7.4	mg/L	9725	0.2	1	7/11/2002	7/23/2002
057890-066A	S50-3	11	mg/L	9725	0.2	1	7/11/2002	7/23/2002
057890-067A	S51-S	48	mg/L	9725	0.8	4	7/11/2002	7/23/2002
057890-071A	S52-S	53	mg/L	9725	0.8	4	7/11/2002	7/23/2002
057890-072A	S52-1	13	mg/L	9725	0.2	1	7/11/2002	7/23/2002
057890-073A	S52-2	6.6	mg/L	9726	0.2	1	7/11/2002	7/23/2002
057890-075A	S53-S	41	mg/L	9726	0.8	4	7/11/2002	7/23/2002
057890-076A	S53-1	12	mg/L	9726	0.2	1	7/11/2002	7/23/2002
057890-083A	S55-S	3.5	mg/L	9726	0.2	1	7/11/2002	7/23/2002
057890-084A	S55-1	27	mg/L	9726	0.4	2	7/11/2002	7/23/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



**LEAD BY ATOMIC ABSORPTION  
WET/ EPA 7420**

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057890
<b>Project:</b>	Rte 5-Southbound, 09100-06-49	<b>Date Received:</b>	7/11/2002 8:20:0
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	JT

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057890-085A	S55-2	8.9	mg/L	9726	0.2	1	7/11/2002	7/23/2002
057890-087A	S56-1	45	mg/L	9726	0.8	4	7/11/2002	7/23/2002
057890-088A	S56-2	29	mg/L	9726	0.4	2	7/11/2002	7/23/2002
057890-089A	S56-3	5.3	mg/L	9726	0.2	1	7/11/2002	7/23/2002
057890-090A	S57-S	38	mg/L	9726	0.8	4	7/11/2002	7/23/2002
057890-091A	S57-1	11	mg/L	9726	0.2	1	7/11/2002	7/23/2002
057890-093A	S57-3	40	mg/L	9726	0.8	4	7/11/2002	7/23/2002
057890-095A	S58-1	46	mg/L	9726	0.8	4	7/11/2002	7/23/2002
057890-096A	S58-2	86	mg/L	9726	2	10	7/11/2002	7/23/2002
057890-097A	S58-3	9.1	mg/L	9726	0.2	1	7/11/2002	7/23/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



**LEAD BY ATOMIC ABSORPTION  
EPA 1311/ 7420**

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057890
<b>Project:</b>	Rte 5-Southbound, 09100-06-49	<b>Date Received:</b>	7/11/2002 8:20:0
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	JT

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057890-001A	S34-S	2.7	mg/L	9760	0.2	1	7/11/2002	7/24/2002
057890-005A	S35-S	4.9	mg/L	9760	0.2	1	7/11/2002	7/24/2002
057890-013A	S37-S	4.3	mg/L	9760	0.2	1	7/11/2002	7/24/2002
057890-032A	S42-S	3.7	mg/L	9760	0.2	1	7/11/2002	7/24/2002
057890-036A	S43-S	3.8	mg/L	9760	0.2	1	7/11/2002	7/24/2002
057890-037A	S43-1	5.4	mg/L	9760	0.2	1	7/11/2002	7/24/2002
057890-039A	S44-S	4.2	mg/L	9760	0.2	1	7/11/2002	7/24/2002
057890-040A	S44-1	4.2	mg/L	9760	0.2	1	7/11/2002	7/24/2002
057890-041A	S44-2	4.3	mg/L	9760	0.2	1	7/11/2002	7/24/2002
057890-043A	S45-S	6.3	mg/L	9761	0.2	1	7/11/2002	7/25/2002
057890-047A	S46-S	2.7	mg/L	9761	0.2	1	7/11/2002	7/25/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



LEAD BY ATOMIC ABSORPTION  
EPA 1311/ 7420

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057890
<b>Project:</b>	Rte 5-Southbound, 09100-06-49	<b>Date Received:</b>	7/11/2002 8:20:0
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	JT

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057890-055A	S48-S	1.9	mg/L	9761	0.2	1	7/11/2002	7/25/2002
057890-079A	S54-S	1.2	mg/L	9761	0.2	1	7/11/2002	7/25/2002
057890-086A	S56-S	1.8	mg/L	9761	0.2	1	7/11/2002	7/25/2002
057890-094A	S58-S	4.4	mg/L	9761	0.2	1	7/11/2002	7/25/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



**LEAD BY ATOMIC ABSORPTION  
WET DI/ EPA 7420**

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057890
<b>Project:</b>	Rte 5-Southbound, 09100-06-49	<b>Date Received:</b>	7/11/2002 8:20:0
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	JT

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057890-002A	S34-1	1.5	mg/L	9674	0.2	1	7/11/2002	7/22/2002
057890-003A	S34-2	0.21	mg/L	9674	0.2	1	7/11/2002	7/22/2002
057890-004A	S34-3	ND	mg/L	9674	0.2	1	7/11/2002	7/22/2002
057890-006A	S35-1	1.9	mg/L	9674	0.2	1	7/11/2002	7/22/2002
057890-007A	S35-2	0.29	mg/L	9675	0.2	1	7/11/2002	7/23/2002
057890-009A	S36-S	ND	mg/L	9675	0.2	1	7/11/2002	7/23/2002
057890-014A	S37-1	1.5	mg/L	9675	0.2	1	7/11/2002	7/23/2002
057890-015A	S37-2	0.49	mg/L	9675	0.2	1	7/11/2002	7/23/2002
057890-017A	S38-S	0.35	mg/L	9675	0.2	1	7/11/2002	7/23/2002
057890-018A	S38-1	0.28	mg/L	9675	0.2	1	7/11/2002	7/23/2002
057890-020A	S38-3	ND	mg/L	9675	0.2	1	7/11/2002	7/23/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



**LEAD BY ATOMIC ABSORPTION  
WET DI/ EPA 7420**

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057890
<b>Project:</b>	Rte 5-Southbound, 09100-06-49	<b>Date Received:</b>	7/11/2002 8:20:0
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	JT

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057890-021A	S39-S	1.6	mg/L	9675	0.2	1	7/11/2002	7/23/2002
057890-022A	S39-1	3.2	mg/L	9675	0.2	1	7/11/2002	7/23/2002
057890-023A	S39-2	ND	mg/L	9675	0.2	1	7/11/2002	7/23/2002
057890-024A	S39-3	ND	mg/L	9675	0.2	1	7/11/2002	7/23/2002
057890-025A	S40-S	1.6	mg/L	9675	0.2	1	7/11/2002	7/23/2002
057890-026A	S40-1	0.78	mg/L	9675	0.2	1	7/11/2002	7/23/2002
057890-027A	S40-2	0.26	mg/L	9675	0.2	1	7/11/2002	7/23/2002
057890-028A	S40-3	0.53	mg/L	9675	0.2	1	7/11/2002	7/23/2002
057890-029A	S41-S	0.62	mg/L	9675	0.2	1	7/11/2002	7/23/2002
057890-030A	S41-1	ND	mg/L	9675	0.2	1	7/11/2002	7/23/2002
057890-031A	S41-2	ND	mg/L	9676	0.2	1	7/11/2002	7/23/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



LEAD BY ATOMIC ABSORPTION  
WET DI/ EPA 7420

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057890
<b>Project:</b>	Rte 5-Southbound, 09100-06-49	<b>Date Received:</b>	7/11/2002 8:20:0
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	JT

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057890-033A	S42-1	4.9	mg/L	9676	0.2	1	7/11/2002	7/23/2002
057890-034A	S42-2	0.43	mg/L	9676	0.2	1	7/11/2002	7/23/2002
057890-035A	S42-3	0.34	mg/L	9676	0.2	1	7/11/2002	7/23/2002
057890-038A	S43-2	1.0	mg/L	9676	0.2	1	7/11/2002	7/23/2002
057890-042A	S44-3	0.59	mg/L	9676	0.2	1	7/11/2002	7/23/2002
057890-044A	S45-1	4.5	mg/L	9676	0.2	1	7/11/2002	7/23/2002
057890-045A	S45-2	2.6	mg/L	9676	0.2	1	7/11/2002	7/23/2002
057890-046A	S45-3	0.49	mg/L	9676	0.2	1	7/11/2002	7/23/2002
057890-048A	S46-1	0.69	mg/L	9676	0.2	1	7/11/2002	7/23/2002
057890-049A	S46-2	0.95	mg/L	9676	0.2	1	7/11/2002	7/23/2002
057890-050A	S46-3	0.22	mg/L	9676	0.2	1	7/11/2002	7/23/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



**LEAD BY ATOMIC ABSORPTION  
WET DI/ EPA 7420**

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057890
<b>Project:</b>	Rte 5-Southbound, 09100-06-49	<b>Date Received:</b>	7/11/2002 8:20:0
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	JT

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057890-051A	S47-S	2.9	mg/L	9676	0.2	1	7/11/2002	7/23/2002
057890-052A	S47-1	3.0	mg/L	9676	0.2	1	7/11/2002	7/23/2002
057890-053A	S47-2	0.64	mg/L	9676	0.2	1	7/11/2002	7/23/2002
057890-054A	S47-3	0.69	mg/L	9676	0.2	1	7/11/2002	7/23/2002
057890-056A	S48-1	1.3	mg/L	9676	0.2	1	7/11/2002	7/23/2002
057890-057A	S48-2	0.35	mg/L	9676	0.2	1	7/11/2002	7/23/2002
057890-059A	S49-S	ND	mg/L	9676	0.2	1	7/11/2002	7/23/2002
057890-063A	S50-S	1.6	mg/L	9676	0.2	1	7/11/2002	7/23/2002
057890-064A	S50-1	0.52	mg/L	9677	0.2	1	7/11/2002	7/23/2002
057890-065A	S50-2	ND	mg/L	9677	0.2	1	7/11/2002	7/23/2002
057890-066A	S50-3	ND	mg/L	9677	0.2	1	7/11/2002	7/23/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



**LEAD BY ATOMIC ABSORPTION  
WET DI/ EPA 7420**

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057890
<b>Project:</b>	Rte 5-Southbound, 09100-06-49	<b>Date Received:</b>	7/11/2002 8:20:0
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	JT

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057890-067A	S51-S	1.4	mg/L	9677	0.2	1	7/11/2002	7/23/2002
057890-071A	S52-S	2.2	mg/L	9677	0.2	1	7/11/2002	7/23/2002
057890-072A	S52-1	0.40	mg/L	9677	0.2	1	7/11/2002	7/23/2002
057890-073A	S52-2	0.36	mg/L	9677	0.2	1	7/11/2002	7/23/2002
057890-075A	S53-S	1.6	mg/L	9677	0.2	1	7/11/2002	7/23/2002
057890-076A	S53-1	0.27	mg/L	9677	0.2	1	7/11/2002	7/23/2002
057890-084A	S55-1	2.4	mg/L	9677	0.2	1	7/11/2002	7/23/2002
057890-085A	S55-2	0.83	mg/L	9677	0.2	1	7/11/2002	7/23/2002
057890-087A	S56-1	1.1	mg/L	9677	0.2	1	7/11/2002	7/23/2002
057890-088A	S56-2	0.38	mg/L	9677	0.2	1	7/11/2002	7/23/2002
057890-089A	S56-3	0.25	mg/L	9677	0.2	1	7/11/2002	7/23/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



LEAD BY ATOMIC ABSORPTION  
WET DI/ EPA 7420

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057890
<b>Project:</b>	Rte 5-Southbound, 09100-06-49	<b>Date Received:</b>	7/11/2002 8:20:0
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	JT

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057890-090A	S57-S	2.7	mg/L	9677	0.2	1	7/11/2002	7/23/2002
057890-091A	S57-1	0.69	mg/L	9677	0.2	1	7/11/2002	7/23/2002
057890-093A	S57-3	2.5	mg/L	9677	0.2	1	7/11/2002	7/23/2002
057890-095A	S58-1	6.6	mg/L	9677	0.2	1	7/11/2002	7/23/2002
057890-096A	S58-2	4.7	mg/L	9677	0.2	1	7/11/2002	7/23/2002
057890-097A	S58-3	0.77	mg/L	9678	0.2	1	7/11/2002	7/23/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



# Advanced Technology Laboratories

Date: 30-Jul-02

**CLIENT:** Geocon Environmental **Client Sample ID:** S42-S  
**Lab Order:** 057890  
**Project:** Rte 5-Southbound, 09100-06-49 **Collection Date:** 7/11/2002  
**Lab ID:** 057890-032A **Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS</b>						
	<b>(EPA 3050A)</b>		<b>EPA 6010B</b>			
RunID: ICP2_020729C	QC Batch: 9916					Analyst: RQ
Antimony	1.5	0.25		mg/Kg	1	7/29/2002
Arsenic	9.0	0.25		mg/Kg	1	7/29/2002
Barium	94	0.15		mg/Kg	1	7/29/2002
Beryllium	ND	0.15		mg/Kg	1	7/29/2002
Cadmium	ND	0.15		mg/Kg	1	7/29/2002
Chromium	19	0.15		mg/Kg	1	7/29/2002
Cobalt	6.0	0.15		mg/Kg	1	7/29/2002
Copper	44	0.15		mg/Kg	1	7/29/2002
Lead	1400	0.25		mg/Kg	1	7/29/2002
Molybdenum	2.0	0.25		mg/Kg	1	7/29/2002
Nickel	14	0.15		mg/Kg	1	7/29/2002
Selenium	ND	0.25		mg/Kg	1	7/29/2002
Silver	ND	0.15		mg/Kg	1	7/29/2002
Thallium	0.50	0.25		mg/Kg	1	7/29/2002
Vanadium	21	0.15		mg/Kg	1	7/29/2002
Zinc	250	0.50		mg/Kg	1	7/29/2002

## MERCURY BY COLD VAPOR TECHNIQUE

	<b>(EPA 7471)</b>		<b>EPA 7471A</b>			
RunID: AA1_020729A	QC Batch: 9919					Analyst: NS
Mercury	ND	0.10		mg/Kg	1	7/29/2002

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike/Surrogate outside of limits due to matrix interfere  
 J - Analyte detected below quantitation limits      H - Sample exceeded analytical holding time  
 B - Analyte detected in the associated Method Blank      E - Value above quantitation range  
 DO - Surrogate Diluted Out      Results are wet unless otherwise specified



# Advanced Technology Laboratories

Date: 30-Jul-02

CLIENT: Geocon Environmental

Client Sample ID: S43-S

Lab Order: 057890

Project: Rte 5-Southbound, 09100-06-49

Collection Date: 7/11/2002

Lab ID: 057890-036A

Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
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## ICP METALS

(EPA 3050A)

EPA 6010B

RunID: ICP2\_020729C

QC Batch: 9916

Analyst: RQ

Antimony	2.0	0.25		mg/Kg	1	7/29/2002
Arsenic	10	0.25		mg/Kg	1	7/29/2002
Barium	210	0.15		mg/Kg	1	7/29/2002
Beryllium	ND	0.15		mg/Kg	1	7/29/2002
Cadmium	ND	0.15		mg/Kg	1	7/29/2002
Chromium	36	0.15		mg/Kg	1	7/29/2002
Cobalt	6.5	0.15		mg/Kg	1	7/29/2002
Copper	98	0.15		mg/Kg	1	7/29/2002
Lead	4600	5.0		mg/Kg	20	7/29/2002
Molybdenum	5.5	0.25		mg/Kg	1	7/29/2002
Nickel	23	0.15		mg/Kg	1	7/29/2002
Selenium	ND	0.25		mg/Kg	1	7/29/2002
Silver	0.17	0.15		mg/Kg	1	7/29/2002
Thallium	0.50	0.25		mg/Kg	1	7/29/2002
Vanadium	23	0.15		mg/Kg	1	7/29/2002
Zinc	650	0.50		mg/Kg	1	7/29/2002

## MERCURY BY COLD VAPOR TECHNIQUE

(EPA 7471)

EPA 7471A

RunID: AA1\_020729A

QC Batch: 9919

Analyst: NS

Mercury	0.12	0.10		mg/Kg	1	7/29/2002
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**Qualifiers:** ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 DO - Surrogate Diluted Out

S - Spike/Surrogate outside of limits due to matrix interfere  
 H - Sample exceeded analytical holding time  
 E - Value above quantitation range  
 Results are wet unless otherwise specified

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# Advanced Technology Laboratories

Date: 30-Jul-02

**CLIENT:** Geocon Environmental  
**Lab Order:** 057890  
**Project:** Rte 5-Southbound, 09100-06-49  
**Lab ID:** 057890-039A

**Client Sample ID:** S44-S  
**Collection Date:** 7/11/2002  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
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## ICP METALS

(EPA 3050A)

EPA 6010B

RunID:	ICP2_020729C	QC Batch:	9916	Analyst: RQ		
Antimony	1.5	0.25	mg/Kg	1	7/29/2002	
Arsenic	9.0	0.25	mg/Kg	1	7/29/2002	
Barium	140	0.15	mg/Kg	1	7/29/2002	
Beryllium	ND	0.15	mg/Kg	1	7/29/2002	
Cadmium	ND	0.15	mg/Kg	1	7/29/2002	
Chromium	25	0.15	mg/Kg	1	7/29/2002	
Cobalt	6.0	0.15	mg/Kg	1	7/29/2002	
Copper	56	0.15	mg/Kg	1	7/29/2002	
Lead	2100	0.25	mg/Kg	1	7/29/2002	
Molybdenum	4.0	0.25	mg/Kg	1	7/29/2002	
Nickel	18	0.15	mg/Kg	1	7/29/2002	
Selenium	ND	0.25	mg/Kg	1	7/29/2002	
Silver	0.15	0.15	mg/Kg	1	7/29/2002	
Thallium	0.50	0.25	mg/Kg	1	7/29/2002	
Vanadium	22	0.15	mg/Kg	1	7/29/2002	
Zinc	340	0.50	mg/Kg	1	7/29/2002	

## MERCURY BY COLD VAPOR TECHNIQUE

(EPA 7471)

EPA 7471A

RunID:	AA1_020729A	QC Batch:	9919	Analyst: NS		
Mercury	0.47	0.10	mg/Kg	1	7/29/2002	

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike/Surrogate outside of limits due to matrix interfere  
 J - Analyte detected below quantitation limits      H - Sample exceeded analytical holding time  
 B - Analyte detected in the associated Method Blank      E - Value above quantitation range  
 DO - Surrogate Diluted Out      Results are wet unless otherwise specified

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**Advanced Technology Laboratories**

Date: 30-Jul-02

**CLIENT:** Geocon Environmental

**Client Sample ID:** S44-1

**Lab Order:** 057890

**Project:** Rte 5-Southbound, 09100-06-49

**Collection Date:** 7/11/2002

**Lab ID:** 057890-040A

**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
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**ICP METALS**

(EPA 3050A)

EPA 6010B

RunID: ICP2\_020729C

QC Batch: 9916

Analyst: RQ

Antimony	1.5	0.25		mg/Kg	1	7/29/2002
Arsenic	7.5	0.25		mg/Kg	1	7/29/2002
Barium	100	0.15		mg/Kg	1	7/29/2002
Beryllium	ND	0.15		mg/Kg	1	7/29/2002
Cadmium	ND	0.15		mg/Kg	1	7/29/2002
Chromium	17	0.15		mg/Kg	1	7/29/2002
Cobalt	5.5	0.15		mg/Kg	1	7/29/2002
Copper	210	0.15		mg/Kg	1	7/29/2002
Lead	1800	0.25		mg/Kg	1	7/29/2002
Molybdenum	1.5	0.25		mg/Kg	1	7/29/2002
Nickel	14	0.15		mg/Kg	1	7/29/2002
Selenium	ND	0.25		mg/Kg	1	7/29/2002
Silver	ND	0.15		mg/Kg	1	7/29/2002
Thallium	0.50	0.25		mg/Kg	1	7/29/2002
Vanadium	21	0.15		mg/Kg	1	7/29/2002
Zinc	270	0.50		mg/Kg	1	7/29/2002

**MERCURY BY COLD VAPOR TECHNIQUE**

(EPA 7471)

EPA 7471A

RunID: AA1\_020729A

QC Batch: 9919

Analyst: NS

Mercury	0.25	0.10		mg/Kg	1	7/29/2002
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**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike/Surrogate outside of limits due to matrix interfere  
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 B - Analyte detected in the associated Method Blank      E - Value above quantitation range  
 DO - Surrogate Diluted Out      Results are wet unless otherwise specified

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# Advanced Technology Laboratories

Date: 30-Jul-02

<b>CLIENT:</b>	Geocon Environmental	<b>Client Sample ID:</b>	S45-S
<b>Lab Order:</b>	057890		
<b>Project:</b>	Rte 5-Southbound, 09100-06-49	<b>Collection Date:</b>	7/11/2002
<b>Lab ID:</b>	057890-043A	<b>Matrix:</b>	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
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## ICP METALS

	(EPA 3050A)		EPA 6010B		
RunID: ICP2_020729C	QC Batch: 9916				Analyst: RQ
Antimony	1.5	0.25	mg/Kg	1	7/29/2002
Arsenic	9.0	0.25	mg/Kg	1	7/29/2002
Barium	130	0.15	mg/Kg	1	7/29/2002
Beryllium	ND	0.15	mg/Kg	1	7/29/2002
Cadmium	ND	0.15	mg/Kg	1	7/29/2002
Chromium	41	0.15	mg/Kg	1	7/29/2002
Cobalt	7.0	0.15	mg/Kg	1	7/29/2002
Copper	100	0.15	mg/Kg	1	7/29/2002
Lead	2100	0.25	mg/Kg	1	7/29/2002
Molybdenum	39	0.25	mg/Kg	1	7/29/2002
Nickel	29	0.15	mg/Kg	1	7/29/2002
Selenium	ND	0.25	mg/Kg	1	7/29/2002
Silver	0.28	0.15	mg/Kg	1	7/29/2002
Thallium	0.50	0.25	mg/Kg	1	7/29/2002
Vanadium	22	0.15	mg/Kg	1	7/29/2002
Zinc	540	0.50	mg/Kg	1	7/29/2002

## MERCURY BY COLD VAPOR TECHNIQUE

	(EPA 7471)		EPA 7471A		
RunID: AA1_020729A	QC Batch: 9919				Analyst: NS
Mercury	ND	0.10	mg/Kg	1	7/29/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified

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# Advanced Technology Laboratories

Date: 30-Jul-02

<b>CLIENT:</b>	Geocon Environmental	<b>Client Sample ID:</b>	S56-S
<b>Lab Order:</b>	057890		
<b>Project:</b>	Rte 5-Southbound, 09100-06-49	<b>Collection Date:</b>	7/11/2002
<b>Lab ID:</b>	057890-086A	<b>Matrix:</b>	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
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## ICP METALS

(EPA 3050A)

EPA 6010B

RunID: ICP2_020729C	QC Batch: 9916					Analyst: RQ
Antimony	2.0	0.25		mg/Kg	1	7/29/2002
Arsenic	9.0	0.25		mg/Kg	1	7/29/2002
Barium	250	0.15		mg/Kg	1	7/29/2002
Beryllium	ND	0.15		mg/Kg	1	7/29/2002
Cadmium	ND	0.15		mg/Kg	1	7/29/2002
Chromium	37	0.15		mg/Kg	1	7/29/2002
Cobalt	6.5	0.15		mg/Kg	1	7/29/2002
Copper	110	0.15		mg/Kg	1	7/29/2002
Lead	2200	0.25		mg/Kg	1	7/29/2002
Molybdenum	7.0	0.25		mg/Kg	1	7/29/2002
Nickel	24	0.15		mg/Kg	1	7/29/2002
Selenium	3.0	0.25		mg/Kg	1	7/29/2002
Silver	0.21	0.15		mg/Kg	1	7/29/2002
Thallium	0.50	0.25		mg/Kg	1	7/29/2002
Vanadium	24	0.15		mg/Kg	1	7/29/2002
Zinc	480	0.50		mg/Kg	1	7/29/2002

## MERCURY BY COLD VAPOR TECHNIQUE

(EPA 7471)

EPA 7471A

RunID: AA1_020729A	QC Batch: 9919					Analyst: NS
Mercury	0.31	0.10		mg/Kg	1	7/29/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified

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Advanced Technology Laboratories

Date: 18-Jul-02

CLIENT: Geocon Environmental
Work Order: 057890
Project: Rte 5-Southbound, 09100-06-49

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010\_SPB

Table with 13 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, Analysis Date, SeqNo, Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual. Contains 5 data rows for Lead analysis.

Qualifiers: ND - Not Detected at the Reporting Limit, J - Analyte detected below quantitation limits, R - RPD outside accepted recovery limits, S - Spike Recovery outside accepted recovery limits, B - Analyte detected in the associated Method Blank, DO - Surrogate dilute out, H - Sample exceeded holding time. Calculations are based on raw values



CLIENT: Geocon Environmental  
Work Order: 057890  
Project: Rte 5-Southbound, 09100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 6010\_SPB

Sample ID	MB-9542B	SampType:	MBLK	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/12/2002	Run ID:	ICP5_020715H			
Client ID:	ZZZZZ	Batch ID:	9542	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/15/2002	SeqNo:	299520			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 0.2255 5.0

Sample ID	MB-9543	SampType:	MBLK	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/12/2002	Run ID:	ICP5_020715I			
Client ID:	ZZZZZ	Batch ID:	9543	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/15/2002	SeqNo:	299547			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead ND 5.0

Sample ID	MB-9543B	SampType:	MBLK	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/12/2002	Run ID:	ICP5_020715I			
Client ID:	ZZZZZ	Batch ID:	9543	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/15/2002	SeqNo:	299548			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead ND 5.0

Sample ID	MB-9544	SampType:	MBLK	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/12/2002	Run ID:	ICP5_020716C			
Client ID:	ZZZZZ	Batch ID:	9544	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/16/2002	SeqNo:	299825			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 0.3942 5.0

Sample ID	MB-9544B	SampType:	MBLK	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/12/2002	Run ID:	ICP5_020716C			
Client ID:	ZZZZZ	Batch ID:	9544	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/16/2002	SeqNo:	299826			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 0.4799 5.0

**Qualifiers:** ND - Not Detected at the Reporting Limit    S - Spike Recovery outside accepted recovery limits    DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits    B - Analyte detected in the associated Method Blank    H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits    **Calculations are based on raw values**



CLIENT: Geocon Environmental  
Work Order: 057890  
Project: Rte 5-Southbound, 09100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 6010\_SPB

Sample ID	LCS-9540	SampType:	LCS	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/12/2002	Run ID:	ICP5_020715F			
Client ID:	ZZZZZ	Batch ID:	9540	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/15/2002	SeqNo:	299462			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead		219.5		5.0	250	0		87.8	80	120	0	0		
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Sample ID	LCS-9541	SampType:	LCS	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/12/2002	Run ID:	ICP5_020715G			
Client ID:	ZZZZZ	Batch ID:	9541	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/15/2002	SeqNo:	299490			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead		235.4		5.0	250	0		94.2	80	120	0	0		
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Sample ID	LCS-9542	SampType:	LCS	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/12/2002	Run ID:	ICP5_020715H			
Client ID:	ZZZZZ	Batch ID:	9542	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/15/2002	SeqNo:	299518			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead		213.8		5.0	250	0		85.5	80	120	0	0		
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Sample ID	LCS-9543	SampType:	LCS	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/12/2002	Run ID:	ICP5_020715I			
Client ID:	ZZZZZ	Batch ID:	9543	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/15/2002	SeqNo:	299546			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead		213.4		5.0	250	0		85.4	80	120	0	0		
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Sample ID	LCS-9544	SampType:	LCS	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/12/2002	Run ID:	ICP5_020716C			
Client ID:	ZZZZZ	Batch ID:	9544	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/16/2002	SeqNo:	299824			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead		237.4		5.0	250	0		95	80	120	0	0		
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**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO - Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



CLIENT: Geocon Environmental  
Work Order: 057890  
Project: Rte 5-Southbound, 09100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 6010\_SPB

Sample ID	057890-010AMS	SampType:	MS	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/12/2002	Run ID:	ICP5_020715F			
Client ID:	S36-1	Batch ID:	9540	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/15/2002	SeqNo:	299448			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead		165.4		5.0	250	13.74		60.6	47	128	0	0		
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Sample ID	057890-020AMS	SampType:	MS	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/12/2002	Run ID:	ICP5_020715F			
Client ID:	S38-3	Batch ID:	9540	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/15/2002	SeqNo:	299460			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead		280.8		5.0	250	135.2		58.2	47	128	0	0		
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Sample ID	057890-030AMS	SampType:	MS	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/12/2002	Run ID:	ICP5_020715G			
Client ID:	S41-1	Batch ID:	9541	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/15/2002	SeqNo:	299476			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead		284.7		5.0	250	96.98		75.1	47	128	0	0		
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Sample ID	057890-040AMS	SampType:	MS	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/12/2002	Run ID:	ICP5_020715G			
Client ID:	S44-1	Batch ID:	9541	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/15/2002	SeqNo:	299488			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead		1831		5.0	250	1687		57.5	47	128	0	0		
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Sample ID	057890-050AMS	SampType:	MS	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/12/2002	Run ID:	ICP5_020715H			
Client ID:	S46-3	Batch ID:	9542	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/15/2002	SeqNo:	299504			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead		269.2		5.0	250	92.41		70.7	47	128	0	0		
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**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO - Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



CLIENT: Geocon Environmental  
Work Order: 057890  
Project: Rte 5-Southbound, 09100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 6010\_SPB

Sample ID	057890-060AMS	SampType:	MS	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/12/2002	Run ID:	ICP5_020715H		
Client ID:	S49-1	Batch ID:	9542	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/15/2002	SeqNo:	299516		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	471.3	5.0	250	18.45	181	47	128	0	0	S
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Sample ID	057890-070AMS	SampType:	MS	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/12/2002	Run ID:	ICP5_020715I		
Client ID:	S51-3	Batch ID:	9543	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/15/2002	SeqNo:	299532		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	137.8	5.0	250	8.031	51.9	47	128	0	0	
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Sample ID	057890-080AMS	SampType:	MS	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/12/2002	Run ID:	ICP5_020715I		
Client ID:	S54-1	Batch ID:	9543	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/15/2002	SeqNo:	299544		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	184.4	5.0	250	40.9	57.4	47	128	0	0	
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Sample ID	057890-090AMS	SampType:	MS	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/12/2002	Run ID:	ICP5_020716C		
Client ID:	S57-S	Batch ID:	9544	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/16/2002	SeqNo:	299812		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	733.2	5.0	250	668.2	26	47	128	0	0	S
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Sample ID	057890-097AMS	SampType:	MS	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/12/2002	Run ID:	ICP5_020716C		
Client ID:	S58-3	Batch ID:	9544	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/16/2002	SeqNo:	299821		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	297.1	5.0	250	150.7	58.6	47	128	0	0	
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**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



CLIENT: Geocon Environmental  
Work Order: 057890  
Project: Rte 5-Southbound, 09100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 6010\_SPB

Sample ID	057890-010ADUP	SampType:	DUP	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/12/2002	Run ID:	ICP5_020715F		
Client ID:	S36-1	Batch ID:	9540	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/15/2002	SeqNo:	299447		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead		10.47		5.0	0	0	0	0	0	13.74	27.1	30	
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Sample ID	057890-020ADUP	SampType:	DUP	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/12/2002	Run ID:	ICP5_020715F		
Client ID:	S38-3	Batch ID:	9540	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/15/2002	SeqNo:	299459		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead		118.8		5.0	0	0	0	0	0	135.2	12.9	30	
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Sample ID	057890-030ADUP	SampType:	DUP	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/12/2002	Run ID:	ICP5_020715G		
Client ID:	S41-1	Batch ID:	9541	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/15/2002	SeqNo:	299475		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead		92.98		5.0	0	0	0	0	0	96.98	4.21	30	
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Sample ID	057890-040ADUP	SampType:	DUP	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/12/2002	Run ID:	ICP5_020715G		
Client ID:	S44-1	Batch ID:	9541	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/15/2002	SeqNo:	299487		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead		1985		5.0	0	0	0	0	0	1687	16.2	30	
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Sample ID	057890-050ADUP	SampType:	DUP	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/12/2002	Run ID:	ICP5_020715H		
Client ID:	S46-3	Batch ID:	9542	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/15/2002	SeqNo:	299503		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead		75.2		5.0	0	0	0	0	0	92.41	20.5	30	
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**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO - Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



CLIENT: Geocon Environmental  
Work Order: 057890  
Project: Rte 5-Southbound, 09100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 6010\_SPB

Sample ID	057890-060ADUP	SampType:	DUP	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/12/2002	Run ID:	ICP5_020715H		
Client ID:	S49-1	Batch ID:	9542	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/15/2002	SeqNo:	299515		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	20.27	5.0	0	0	0	0	0	0	18.45	9.40	30	
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Sample ID	057890-070ADUP	SampType:	DUP	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/12/2002	Run ID:	ICP5_020715I		
Client ID:	S51-3	Batch ID:	9543	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/15/2002	SeqNo:	299531		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	6.39	5.0	0	0	0	0	0	0	8.031	22.8	30	
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Sample ID	057890-080ADUP	SampType:	DUP	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/12/2002	Run ID:	ICP5_020715I		
Client ID:	S54-1	Batch ID:	9543	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/15/2002	SeqNo:	299543		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	28.74	5.0	0	0	0	0	0	0	40.9	34.9	30	R
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Sample ID	057890-090ADUP	SampType:	DUP	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/12/2002	Run ID:	ICP5_020716C		
Client ID:	S57-S	Batch ID:	9544	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/16/2002	SeqNo:	299811		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	592.2	5.0	0	0	0	0	0	0	668.2	12.1	30	
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Sample ID	057890-097ADUP	SampType:	DUP	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/12/2002	Run ID:	ICP5_020716C		
Client ID:	S58-3	Batch ID:	9544	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/16/2002	SeqNo:	299820		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	186.1	5.0	0	0	0	0	0	0	150.7	21.0	30	
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Qualifiers: ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



CLIENT: Geocon Environmental  
Work Order: 057890  
Project: Rte 5-Southbound, 09100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 6010\_WPB

Sample ID	MB-9581	SampType:	MBLK	TestCode:	6010_WPB	Units:	mg/L	Prep Date:	7/15/2002	Run ID:	ICP5_020716J												
Client ID:	ZZZZZ	Batch ID:	9581	TestNo:	EPA 6010B (EPA 3010A)			Analysis Date:	7/16/2002	SeqNo:	299919												
Analyte		Result		PQL		SPK value		SPK Ref Val		%REC		LowLimit		HighLimit		RPD Ref Val		%RPD		RPDLimit		Qual	

Lead ND 0.0050

Sample ID	LCS-9581	SampType:	LCS	TestCode:	6010_WPB	Units:	mg/L	Prep Date:	7/15/2002	Run ID:	ICP5_020716J												
Client ID:	ZZZZZ	Batch ID:	9581	TestNo:	EPA 6010B (EPA 3010A)			Analysis Date:	7/16/2002	SeqNo:	299918												
Analyte		Result		PQL		SPK value		SPK Ref Val		%REC		LowLimit		HighLimit		RPD Ref Val		%RPD		RPDLimit		Qual	

Lead 1.008 0.0050 1 0 101 80 120 0 0

Sample ID	057890-107AMS	SampType:	MS	TestCode:	6010_WPB	Units:	mg/L	Prep Date:	7/15/2002	Run ID:	ICP5_020716J												
Client ID:	EB-24	Batch ID:	9581	TestNo:	EPA 6010B (EPA 3010A)			Analysis Date:	7/16/2002	SeqNo:	299916												
Analyte		Result		PQL		SPK value		SPK Ref Val		%REC		LowLimit		HighLimit		RPD Ref Val		%RPD		RPDLimit		Qual	

Lead 2.657 0.0050 2.5 0 106 66 118 0 0

Sample ID	057890-107ADUP	SampType:	DUP	TestCode:	6010_WPB	Units:	mg/L	Prep Date:	7/15/2002	Run ID:	ICP5_020716J												
Client ID:	EB-24	Batch ID:	9581	TestNo:	EPA 6010B (EPA 3010A)			Analysis Date:	7/16/2002	SeqNo:	299915												
Analyte		Result		PQL		SPK value		SPK Ref Val		%REC		LowLimit		HighLimit		RPD Ref Val		%RPD		RPDLimit		Qual	

Lead ND 0.0050 0 0 0 0 0 0 0 0 0 30

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



CLIENT: Geocon Environmental  
Work Order: 057890  
Project: Rte 5-Southbound, 09100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 9045\_S

Sample ID: 057890-090ADUP	SampType: DUP	TestCode: 9045_S	Units: pH Units	Prep Date: 7/17/2002	Run ID: WETCHEM_020717A						
Client ID: S57-S	Batch ID: R19480	TestNo: EPA 9045C		Analysis Date: 7/17/2002	SeqNo: 300319						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
pH	7.49	0.10	0	0	0	0	0	7.46	0.401	20	

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      **Calculations are based on raw values**



Advanced Technology Laboratories

Date: 24-Jul-02

CLIENT: Geocon Environmental
Work Order: 057890
Project: Rte 5-Southbound, 09100-06-49

ANALYTICAL QC SUMMARY REPORT

TestCode: 7420\_ST

Table with 12 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, Analysis Date, SeqNo, Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual. Row 1: MB-9718A, MBLK, 7420\_ST, mg/L, 7/19/2002, AA2\_020723P, ZZZZZ, 9718, WET/ EPA 74 (WET), 7/23/2002, 304918, Lead, ND, 0.20

Table with 12 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, Analysis Date, SeqNo, Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual. Row 1: MB-9718B, MBLK, 7420\_ST, mg/L, 7/19/2002, AA2\_020723P, ZZZZZ, 9718, WET/ EPA 74 (WET), 7/23/2002, 304931, Lead, ND, 0.20

Table with 12 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, Analysis Date, SeqNo, Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual. Row 1: MB-9718, MBLK, 7420\_ST, mg/L, 7/23/2002, AA2\_020723P, ZZZZZ, 9718, WET/ EPA 74 (WET), 7/23/2002, 304946, Lead, ND, 0.20

Table with 12 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, Analysis Date, SeqNo, Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual. Row 1: MB-9724, MBLK, 7420\_ST, mg/L, 7/23/2002, AA2\_020723Q, ZZZZZ, 9724, WET/ EPA 74 (WET), 7/23/2002, 304948, Lead, 0.0646, 0.20

Table with 12 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, Analysis Date, SeqNo, Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual. Row 1: MB-9724A, MBLK, 7420\_ST, mg/L, 7/19/2002, AA2\_020723Q, ZZZZZ, 9724, WET/ EPA 74 (WET), 7/23/2002, 304949, Lead, 0.05886, 0.20

Qualifiers: ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits DO- Surrogate dilute out
I - Analyte detected below quantitation limits B - Analyte detected in the associated Method Blank H - Sample exceeded holding time
R - RPD outside accepted recovery limits Calculations are based on raw values



CLIENT: Geocon Environmental  
Work Order: 057890  
Project: Rte 5-Southbound, 09100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 7420\_ST

Sample ID	MB-9724B	SampType:	MBLK	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/19/2002	Run ID:	AA2_020723Q			
Client ID:	ZZZZZ	Batch ID:	9724	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/23/2002	SeqNo:	304962			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead ND 0.20

Sample ID	MB-9725	SampType:	MBLK	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020723U			
Client ID:	ZZZZZ	Batch ID:	9725	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/23/2002	SeqNo:	305179			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead ND 0.20

Sample ID	MB-9725A	SampType:	MBLK	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/19/2002	Run ID:	AA2_020723U			
Client ID:	ZZZZZ	Batch ID:	9725	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/23/2002	SeqNo:	305180			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead ND 0.20

Sample ID	MB-9725B	SampType:	MBLK	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/19/2002	Run ID:	AA2_020723U			
Client ID:	ZZZZZ	Batch ID:	9725	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/23/2002	SeqNo:	305193			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 0.05401 0.20

Sample ID	MB-9726	SampType:	MBLK	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020723V			
Client ID:	ZZZZZ	Batch ID:	9726	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/23/2002	SeqNo:	305208			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead ND 0.20

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



CLIENT: Geocon Environmental  
Work Order: 057890  
Project: Rte 5-Southbound, 09100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 7420\_ST

Sample ID	MB-9726A	SampType:	MBLK	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/19/2002	Run ID:	AA2_020723V			
Client ID:	ZZZZZ	Batch ID:	9726	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/23/2002	SeqNo:	305209			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead		Result	ND	PQL	0.20									
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Sample ID	MB-9726B	SampType:	MBLK	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/19/2002	Run ID:	AA2_020723V			
Client ID:	ZZZZZ	Batch ID:	9726	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/23/2002	SeqNo:	305222			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead		Result	0.04724	PQL	0.20									
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Sample ID	LCS-9718	SampType:	LCS	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020723P			
Client ID:	ZZZZZ	Batch ID:	9718	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/23/2002	SeqNo:	304945			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead		Result	7.342	PQL	0.20	SPK value	7.5	SPK Ref Val	0	%REC	97.9	LowLimit	80	HighLimit	120	RPD Ref Val	0	%RPD	0
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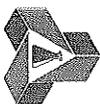
Sample ID	LCS-9724	SampType:	LCS	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020723Q			
Client ID:	ZZZZZ	Batch ID:	9724	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/23/2002	SeqNo:	304974			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead		Result	7.244	PQL	0.20	SPK value	7.5	SPK Ref Val	0	%REC	96.6	LowLimit	80	HighLimit	120	RPD Ref Val	0	%RPD	0
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Sample ID	LCS-9725	SampType:	LCS	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020723U			
Client ID:	ZZZZZ	Batch ID:	9725	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/23/2002	SeqNo:	305207			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead		Result	7.447	PQL	0.20	SPK value	7.5	SPK Ref Val	0	%REC	99.3	LowLimit	80	HighLimit	120	RPD Ref Val	0	%RPD	0
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Qualifiers: ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



CLIENT: Geocon Environmental  
Work Order: 057890  
Project: Rte 5-Southbound, 09100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 7420\_ST

Sample ID	LCS-9726	SampType:	LCS	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020723V			
Client ID:	ZZZZZ	Batch ID:	9726	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/23/2002	SeqNo:	305236			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 7.297 0.20 7.5 0 97.3 80 120 0 0

Sample ID	057872-084AMS	SampType:	MS	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020723P			
Client ID:	ZZZZZ	Batch ID:	9718	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/23/2002	SeqNo:	304930			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 99.77 2.0 50 53.66 92.2 80 120 0 0

Sample ID	057890-016AMS	SampType:	MS	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020723P			
Client ID:	S37-3	Batch ID:	9718	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/23/2002	SeqNo:	304943			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 7.758 0.20 5 3.127 92.6 80 120 0 0

Sample ID	057890-026AMS	SampType:	MS	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020723Q			
Client ID:	S40-1	Batch ID:	9724	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/23/2002	SeqNo:	304961			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 9.594 0.20 5 5.407 83.7 80 120 0 0

Sample ID	057890-042AMS	SampType:	MS	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020723Q			
Client ID:	S44-3	Batch ID:	9724	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/23/2002	SeqNo:	304975			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 18.26 0.40 10 9.14 91.2 80 120 0 0

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



CLIENT: Geocon Environmental  
Work Order: 057890  
Project: Rte 5-Southbound, 09100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 7420\_ST

Sample ID	057890-054AMS	SampType:	MS	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020723U		
Client ID:	S47-3	Batch ID:	9725	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/23/2002	SeqNo:	305192		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	19.99	0.40	10	10.03	99.5	80	120	0	0				
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Sample ID	057890-072AMS	SampType:	MS	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020723U		
Client ID:	S52-1	Batch ID:	9725	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/23/2002	SeqNo:	305205		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	22.86	0.40	10	13.22	96.4	80	120	0	0				
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Sample ID	057890-090AMS	SampType:	MS	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020723V		
Client ID:	S57-S	Batch ID:	9726	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/23/2002	SeqNo:	305221		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	65.8	1.0	25	37.81	112	80	120	0	0				
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Sample ID	057892-016AMS	SampType:	MS	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020723V		
Client ID:	ZZZZZ	Batch ID:	9726	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/23/2002	SeqNo:	305234		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	82.91	1.6	40	44.46	96.1	80	120	0	0				
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Sample ID	057872-084ADUP	SampType:	DUP	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/19/2002	Run ID:	AA2_020723P		
Client ID:	ZZZZZ	Batch ID:	9718	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/23/2002	SeqNo:	304929		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	59.62	0.80	0	0	0	0	0	0	53.66	10.5	30		
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**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



CLIENT: Geocon Environmental  
Work Order: 057890  
Project: Rte 5-Southbound, 09100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 7420\_ST

Sample ID	057890-016ADUP	SampType:	DUP	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/19/2002	Run ID:	AA2_020723P		
Client ID:	S37-3	Batch ID:	9718	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/23/2002	SeqNo:	304942		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead		4.332		0.20	0	0	0	0	0	3.127	32.3	30	R
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Sample ID	057890-026ADUP	SampType:	DUP	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/19/2002	Run ID:	AA2_020723Q		
Client ID:	S40-1	Batch ID:	9724	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/23/2002	SeqNo:	304960		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead		5.066		0.20	0	0	0	0	0	5.407	6.52	30	
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Sample ID	057890-042ADUP	SampType:	DUP	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/19/2002	Run ID:	AA2_020723Q		
Client ID:	S44-3	Batch ID:	9724	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/23/2002	SeqNo:	304973		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead		9.154		0.20	0	0	0	0	0	9.14	0.150	30	
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Sample ID	057890-054ADUP	SampType:	DUP	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/19/2002	Run ID:	AA2_020723U		
Client ID:	S47-3	Batch ID:	9725	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/23/2002	SeqNo:	305191		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead		9.427		0.20	0	0	0	0	0	10.03	6.24	30	
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Sample ID	057890-072ADUP	SampType:	DUP	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/19/2002	Run ID:	AA2_020723U		
Client ID:	S52-1	Batch ID:	9725	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/23/2002	SeqNo:	305204		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead		10.04		0.20	0	0	0	0	0	13.22	27.3	30	
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**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO - Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      **Calculations are based on raw values**



CLIENT: Geocon Environmental  
Work Order: 057890  
Project: Rte 5-Southbound, 09100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 7420\_ST

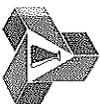
Sample ID	057890-090ADUP	SampType:	DUP	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/19/2002	Run ID:	AA2_020723V		
Client ID:	S57-S	Batch ID:	9726	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/23/2002	SeqNo:	305220		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	44.67	0.80	0	0	0	0	0	0	0	37.81	16.6	30
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Sample ID	057892-016ADUP	SampType:	DUP	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/19/2002	Run ID:	AA2_020723V		
Client ID:	ZZZZZ	Batch ID:	9726	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/23/2002	SeqNo:	305233		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	49.07	0.80	0	0	0	0	0	0	0	44.46	9.87	30
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**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      **Calculations are based on raw values**



# Advanced Technology Laboratories

Date: 26-Jul-02

**CLIENT:** Geocon Environmental  
**Work Order:** 057890  
**Project:** Rte 5-Southbound, 09100-06-49

## ANALYTICAL QC SUMMARY REPORT

TestCode: 7420\_TC

Sample ID <b>MB-9760</b>	SampType: <b>mblk</b>	TestCode: <b>7420_TC</b>	Units: <b>mg/L</b>	Prep Date: <b>7/22/2002</b>	Run ID: <b>AA2_020724I</b>						
Client ID: <b>ZZZZZ</b>	Batch ID: <b>9760</b>	TestNo: <b>EPA 1311/ 74 (EPA 3010A)</b>		Analysis Date: <b>7/24/2002</b>	SeqNo: <b>305895</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	ND	0.20									
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Sample ID <b>MB-9701-TCLP</b>	SampType: <b>mblk</b>	TestCode: <b>7420_TC</b>	Units: <b>mg/L</b>	Prep Date: <b>7/22/2002</b>	Run ID: <b>AA2_020724I</b>						
Client ID: <b>ZZZZZ</b>	Batch ID: <b>9760</b>	TestNo: <b>EPA 1311/ 74 (EPA 3010A)</b>		Analysis Date: <b>7/24/2002</b>	SeqNo: <b>305896</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	ND	0.20									
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Sample ID <b>MB-9761</b>	SampType: <b>mblk</b>	TestCode: <b>7420_TC</b>	Units: <b>mg/L</b>	Prep Date: <b>7/22/2002</b>	Run ID: <b>AA2_020725F</b>						
Client ID: <b>ZZZZZ</b>	Batch ID: <b>9761</b>	TestNo: <b>EPA 1311/ 74 (EPA 3010A)</b>		Analysis Date: <b>7/25/2002</b>	SeqNo: <b>306054</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	0.06383	0.20									
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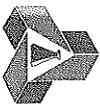
Sample ID <b>MB-9702-TCLP</b>	SampType: <b>mblk</b>	TestCode: <b>7420_TC</b>	Units: <b>mg/L</b>	Prep Date: <b>7/22/2002</b>	Run ID: <b>AA2_020725F</b>						
Client ID: <b>ZZZZZ</b>	Batch ID: <b>9761</b>	TestNo: <b>EPA 1311/ 74 (EPA 3010A)</b>		Analysis Date: <b>7/25/2002</b>	SeqNo: <b>306057</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	0.06812	0.20									
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Sample ID <b>LCS-9760</b>	SampType: <b>ics</b>	TestCode: <b>7420_TC</b>	Units: <b>mg/L</b>	Prep Date: <b>7/22/2002</b>	Run ID: <b>AA2_020724I</b>						
Client ID: <b>ZZZZZ</b>	Batch ID: <b>9760</b>	TestNo: <b>EPA 1311/ 74 (EPA 3010A)</b>		Analysis Date: <b>7/24/2002</b>	SeqNo: <b>305910</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	0.9348	0.20	1	0	93.5	80	120	0	0		
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**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



**CLIENT:** Geocon Environmental  
**Work Order:** 057890  
**Project:** Rte 5-Southbound, 09100-06-49

### ANALYTICAL QC SUMMARY REPORT

**TestCode:** 7420\_TC

Sample ID	LCS-9761	SampType:	Ics	TestCode:	7420_TC	Units:	mg/L	Prep Date:	7/22/2002	Run ID:	AA2_020725F
Client ID:	ZZZZZ	Batch ID:	9761	TestNo:	EPA 1311/ 74 (EPA 3010A)			Analysis Date:	7/25/2002	SeqNo:	306077
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	0.9935	0.20	1	0	99.3	80	120	0	0		
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Sample ID	057890-041AMS	SampType:	MS	TestCode:	7420_TC	Units:	mg/L	Prep Date:	7/22/2002	Run ID:	AA2_020724I
Client ID:	S44-2	Batch ID:	9760	TestNo:	EPA 1311/ 74 (EPA 3010A)			Analysis Date:	7/24/2002	SeqNo:	305908
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	7.809	0.20	3.125	4.323	112	80	120	0	0		
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Sample ID	057892-006AMS	SampType:	MS	TestCode:	7420_TC	Units:	mg/L	Prep Date:	7/22/2002	Run ID:	AA2_020725F
Client ID:	ZZZZZ	Batch ID:	9761	TestNo:	EPA 1311/ 74 (EPA 3010A)			Analysis Date:	7/25/2002	SeqNo:	306075
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	8.458	0.20	2.5	8.788	-13.2	80	120	0	0		S
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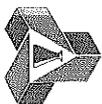
Sample ID	057890-041ADUP	SampType:	DUP	TestCode:	7420_TC	Units:	mg/L	Prep Date:	7/22/2002	Run ID:	AA2_020724I
Client ID:	S44-2	Batch ID:	9760	TestNo:	EPA 1311/ 74 (EPA 3010A)			Analysis Date:	7/24/2002	SeqNo:	305907
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	4.248	0.20	0	0	0	0	0	4.323	1.75	30	
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Sample ID	057892-006ADUP	SampType:	DUP	TestCode:	7420_TC	Units:	mg/L	Prep Date:	7/22/2002	Run ID:	AA2_020725F
Client ID:	ZZZZZ	Batch ID:	9761	TestNo:	EPA 1311/ 74 (EPA 3010A)			Analysis Date:	7/25/2002	SeqNo:	306074
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	8.883	0.20	0	0	0	0	0	8.788	1.08	30	
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**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



# Advanced Technology Laboratories

Date: 24-Jul-02

**CLIENT:** Geocon Environmental  
**Work Order:** 057890  
**Project:** Rte 5-Southbound, 09100-06-49

## ANALYTICAL QC SUMMARY REPORT

TestCode: 7420\_DI

Sample ID	MB-9674	SampType:	MBLK	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/22/2002	Run ID:	AA2_020722I			
Client ID:	ZZZZZ	Batch ID:	9674	TestNo:	WET DI/ EPA (WET)			Analysis Date:	7/22/2002	SeqNo:	304191			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead		Result	ND	PQL	0.20									
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Sample ID	MB-9674A	SampType:	MBLK	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/18/2002	Run ID:	AA2_020722I			
Client ID:	ZZZZZ	Batch ID:	9674	TestNo:	WET DI/ EPA (WET)			Analysis Date:	7/22/2002	SeqNo:	304192			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead		Result	ND	PQL	0.20									
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Sample ID	MB-9674B	SampType:	MBLK	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/18/2002	Run ID:	AA2_020722I			
Client ID:	ZZZZZ	Batch ID:	9674	TestNo:	WET DI/ EPA (WET)			Analysis Date:	7/22/2002	SeqNo:	304206			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead		Result	ND	PQL	0.20									
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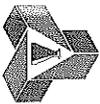
Sample ID	MB-9678A	SampType:	MBLK	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/18/2002	Run ID:	AA2_020723A			
Client ID:	ZZZZZ	Batch ID:	9678	TestNo:	WET DI/ EPA (WET)			Analysis Date:	7/23/2002	SeqNo:	304342			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead		Result	ND	PQL	0.20									
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Sample ID	MB-9678	SampType:	MBLK	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020723A			
Client ID:	ZZZZZ	Batch ID:	9678	TestNo:	WET DI/ EPA (WET)			Analysis Date:	7/23/2002	SeqNo:	304343			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead		Result	ND	PQL	0.20									
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**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



CLIENT: Geocon Environmental  
Work Order: 057890  
Project: Rte 5-Southbound, 09100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 7420\_DI

Sample ID	MB-9678B	SampType:	MBLK	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/18/2002	Run ID:	AA2_020723A			
Client ID:	ZZZZZ	Batch ID:	9678	TestNo:	WET DI/ EPA (WET)			Analysis Date:	7/23/2002	SeqNo:	304356			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead ND 0.20

Sample ID	MB-9676	SampType:	MBLK	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020723G			
Client ID:	ZZZZZ	Batch ID:	9676	TestNo:	WET DI/ EPA (WET)			Analysis Date:	7/23/2002	SeqNo:	304538			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead ND 0.20

Sample ID	MB-9676A	SampType:	MBLK	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/18/2002	Run ID:	AA2_020723G			
Client ID:	ZZZZZ	Batch ID:	9676	TestNo:	WET DI/ EPA (WET)			Analysis Date:	7/23/2002	SeqNo:	304539			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead ND 0.20

Sample ID	MB-9676B	SampType:	MBLK	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/18/2002	Run ID:	AA2_020723G			
Client ID:	ZZZZZ	Batch ID:	9676	TestNo:	WET DI/ EPA (WET)			Analysis Date:	7/23/2002	SeqNo:	304552			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead ND 0.20

Sample ID	MB-9677	SampType:	MBLK	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020723H			
Client ID:	ZZZZZ	Batch ID:	9677	TestNo:	WET DI/ EPA (WET)			Analysis Date:	7/23/2002	SeqNo:	304567			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead ND 0.20

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
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 R - RPD outside accepted recovery limits      Calculations are based on raw values



CLIENT: Geocon Environmental  
Work Order: 057890  
Project: Rte 5-Southbound, 09100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 7420\_DI

Sample ID	MB-9677A	SampType:	MBLK	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/18/2002	Run ID:	AA2_020723H			
Client ID:	ZZZZZ	Batch ID:	9677	TestNo:	WET DI/ EPA (WET)			Analysis Date:	7/23/2002	SeqNo:	304568			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead ND 0.20

Sample ID	MB-9677B	SampType:	MBLK	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/18/2002	Run ID:	AA2_020723H			
Client ID:	ZZZZZ	Batch ID:	9677	TestNo:	WET DI/ EPA (WET)			Analysis Date:	7/23/2002	SeqNo:	304581			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 0.07903 0.20

Sample ID	MB-9675	SampType:	MBLK	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020723L			
Client ID:	ZZZZZ	Batch ID:	9675	TestNo:	WET DI/ EPA (WET)			Analysis Date:	7/23/2002	SeqNo:	304712			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead ND 0.20

Sample ID	MB-9675A	SampType:	MBLK	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/18/2002	Run ID:	AA2_020723L			
Client ID:	ZZZZZ	Batch ID:	9675	TestNo:	WET DI/ EPA (WET)			Analysis Date:	7/23/2002	SeqNo:	304713			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 0.06288 0.20 J

Sample ID	MB-9675B	SampType:	MBLK	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/18/2002	Run ID:	AA2_020723L			
Client ID:	ZZZZZ	Batch ID:	9675	TestNo:	WET DI/ EPA (WET)			Analysis Date:	7/23/2002	SeqNo:	304726			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead ND 0.20

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



CLIENT: Geocon Environmental  
Work Order: 057890  
Project: Rte 5-Southbound, 09100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 7420\_DI

Sample ID	LCS-9674	SampType:	LCS	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/22/2002	Run ID:	AA2_020722I
Client ID:	ZZZZZ	Batch ID:	9674	TestNo:	WET DI/ EPA (WET)	Analysis Date:	7/22/2002	SeqNo:	304220		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	7.047	0.20	7.5	0	94	80	120	0	0		
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Sample ID	LCS-9678	SampType:	LCS	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020723A
Client ID:	ZZZZZ	Batch ID:	9678	TestNo:	WET DI/ EPA (WET)	Analysis Date:	7/23/2002	SeqNo:	304370		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	7.737	0.20	7.5	0	103	80	120	0	0		
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Sample ID	LCS-9676	SampType:	LCS	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020723G
Client ID:	ZZZZZ	Batch ID:	9676	TestNo:	WET DI/ EPA (WET)	Analysis Date:	7/23/2002	SeqNo:	304566		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	7.716	0.20	7.5	0	103	80	120	0	0		
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Sample ID	LCS-9677	SampType:	LCS	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020723H
Client ID:	ZZZZZ	Batch ID:	9677	TestNo:	WET DI/ EPA (WET)	Analysis Date:	7/23/2002	SeqNo:	304595		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	7.862	0.20	7.5	0	105	80	120	0	0		
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Sample ID	LCS-9675	SampType:	LCS	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020723L
Client ID:	ZZZZZ	Batch ID:	9675	TestNo:	WET DI/ EPA (WET)	Analysis Date:	7/23/2002	SeqNo:	304740		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	7.816	0.20	7.5	0	104	80	120	0	0		
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**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



CLIENT: Geocon Environmental  
Work Order: 057890  
Project: Rte 5-Southbound, 09100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 7420\_DI

Sample ID	057890-006AMS	SampType:	MS	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/22/2002	Run ID:	AA2_020722I
Client ID:	S35-1	Batch ID:	9674	TestNo:	WET DI/ EPA (WET)			Analysis Date:	7/22/2002	SeqNo:	304218
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	6.668	0.20	5	1.863	96.1	80	120	0	0		
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Sample ID	057872-078AMS	SampType:	MS	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/22/2002	Run ID:	AA2_020722I
Client ID:	ZZZZZ	Batch ID:	9674	TestNo:	WET DI/ EPA (WET)			Analysis Date:	7/22/2002	SeqNo:	304327
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	6.549	0.20	5	1.567	99.6	80	120	0	0		
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Sample ID	057892-029AMS	SampType:	MS	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020723A
Client ID:	ZZZZZ	Batch ID:	9678	TestNo:	WET DI/ EPA (WET)			Analysis Date:	7/23/2002	SeqNo:	304355
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	7.69	0.20	5	3.095	91.9	80	120	0	0		
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Sample ID	057892-041AMS	SampType:	MS	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020723A
Client ID:	ZZZZZ	Batch ID:	9678	TestNo:	WET DI/ EPA (WET)			Analysis Date:	7/23/2002	SeqNo:	304368
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	6.538	0.20	5	1.123	108	80	120	0	0		
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Sample ID	057890-048AMS	SampType:	MS	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020723G
Client ID:	S46-1	Batch ID:	9676	TestNo:	WET DI/ EPA (WET)			Analysis Date:	7/23/2002	SeqNo:	304551
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	5.577	0.20	5	0.691	97.7	80	120	0	0		
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**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
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CLIENT: Geocon Environmental  
Work Order: 057890  
Project: Rte 5-Southbound, 09100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 7420\_DI

Sample ID	057890-063AMS	SampType:	MS	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020723G			
Client ID:	S50-S	Batch ID:	9676	TestNo:	WET DI/ EPA (WET)			Analysis Date:	7/23/2002	SeqNo:	304564			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead		6.877		0.20	5	1.587		106	80	120	0	0		
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Sample ID	057890-083AMS	SampType:	MS	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020723H			
Client ID:	S55-S	Batch ID:	9677	TestNo:	WET DI/ EPA (WET)			Analysis Date:	7/23/2002	SeqNo:	304580			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead		5.567		0.20	5	0.4479		102	80	120	0	0		
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Sample ID	057890-096AMS	SampType:	MS	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020723H			
Client ID:	S58-2	Batch ID:	9677	TestNo:	WET DI/ EPA (WET)			Analysis Date:	7/23/2002	SeqNo:	304593			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead		9.757		0.20	5	4.661		102	80	120	0	0		
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Sample ID	057890-020AMS	SampType:	MS	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020723L			
Client ID:	S38-3	Batch ID:	9675	TestNo:	WET DI/ EPA (WET)			Analysis Date:	7/23/2002	SeqNo:	304725			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead		5.63		0.20	5	0.08891		111	80	120	0	0		
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Sample ID	057890-030AMS	SampType:	MS	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020723L			
Client ID:	S41-1	Batch ID:	9675	TestNo:	WET DI/ EPA (WET)			Analysis Date:	7/23/2002	SeqNo:	304738			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead		5.61		0.20	5	0.1158		110	80	120	0	0		
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**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO - Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      **Calculations are based on raw values**



CLIENT: Geocon Environmental  
Work Order: 057890  
Project: Rte 5-Southbound, 09100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 7420\_DI

Sample ID	057890-006ADUP	SampType:	DUP	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/18/2002	Run ID:	AA2_020722I
Client ID:	S35-1	Batch ID:	9674	TestNo:	WET DI/ EPA (WET)			Analysis Date:	7/22/2002	SeqNo:	304217
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 1.47 0.20 0 0 0 0 0 0 1.863 23.6 30

Sample ID	057872-078ADUP	SampType:	DUP	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/18/2002	Run ID:	AA2_020722I
Client ID:	ZZZZZ	Batch ID:	9674	TestNo:	WET DI/ EPA (WET)			Analysis Date:	7/22/2002	SeqNo:	304300
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 1.372 0.20 0 0 0 0 0 0 1.567 13.3 30

Sample ID	057892-029ADUP	SampType:	DUP	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/18/2002	Run ID:	AA2_020723A
Client ID:	ZZZZZ	Batch ID:	9678	TestNo:	WET DI/ EPA (WET)			Analysis Date:	7/23/2002	SeqNo:	304354
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 1.957 0.20 0 0 0 0 0 0 3.095 45.0 30 R

Sample ID	057892-041ADUP	SampType:	DUP	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/18/2002	Run ID:	AA2_020723A
Client ID:	ZZZZZ	Batch ID:	9678	TestNo:	WET DI/ EPA (WET)			Analysis Date:	7/23/2002	SeqNo:	304367
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 0.8322 0.20 0 0 0 0 0 0 1.123 29.8 30

Sample ID	057890-048ADUP	SampType:	DUP	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/18/2002	Run ID:	AA2_020723G
Client ID:	S46-1	Batch ID:	9676	TestNo:	WET DI/ EPA (WET)			Analysis Date:	7/23/2002	SeqNo:	304550
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 0.6221 0.20 0 0 0 0 0 0 0.691 10.5 30

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



CLIENT: Geocon Environmental  
Work Order: 057890  
Project: Rte 5-Southbound, 09100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 7420\_DI

Sample ID	057890-063ADUP	SampType:	DUP	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/18/2002	Run ID:	AA2_020723G
Client ID:	S50-S	Batch ID:	9676	TestNo:	WET DI/ EPA (WET)			Analysis Date:	7/23/2002	SeqNo:	304563
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	1.395	0.20	0	0	0	0	0	1.587	12.8	30	
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Sample ID	057890-083ADUP	SampType:	DUP	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/18/2002	Run ID:	AA2_020723H
Client ID:	S55-S	Batch ID:	9677	TestNo:	WET DI/ EPA (WET)			Analysis Date:	7/23/2002	SeqNo:	304579
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	0.4024	0.20	0	0	0	0	0	0.4479	10.7	30	
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Sample ID	057890-096ADUP	SampType:	DUP	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/18/2002	Run ID:	AA2_020723H
Client ID:	S58-2	Batch ID:	9677	TestNo:	WET DI/ EPA (WET)			Analysis Date:	7/23/2002	SeqNo:	304592
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	4.719	0.20	0	0	0	0	0	4.661	1.23	30	
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Sample ID	057890-020ADUP	SampType:	DUP	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/18/2002	Run ID:	AA2_020723L
Client ID:	S38-3	Batch ID:	9675	TestNo:	WET DI/ EPA (WET)			Analysis Date:	7/23/2002	SeqNo:	304724
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	0.04773	0.20	0	0	0	0	0	0.08891	0	30	J
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Sample ID	057890-030ADUP	SampType:	DUP	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/18/2002	Run ID:	AA2_020723L
Client ID:	S41-1	Batch ID:	9675	TestNo:	WET DI/ EPA (WET)			Analysis Date:	7/23/2002	SeqNo:	304737
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	0.0854	0.20	0	0	0	0	0	0.1158	0	30	J
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**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



Advanced Technology Laboratories

Date: 30-Jul-02

CLIENT: Geocon Environmental
Work Order: 057890
Project: Rte 5-Southbound, 09100-06-49

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010\_S

Table with 6 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID. Row 1: MB-9916, MBLK, 6010\_S, mg/Kg, 7/28/2002, ICP2\_020729C. Row 2: ZZZZZ, 9916, EPA 6010B (EPA 3050A), 7/29/2002, 309033.

Table with 13 columns: Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual. Lists various elements like Antimony, Arsenic, Barium, etc.

Table with 6 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID. Row 1: LCS-9916, LCS, 6010\_S, mg/Kg, 7/28/2002, ICP2\_020729C. Row 2: ZZZZZ, 9916, EPA 6010B (EPA 3050A), 7/29/2002, 309034.

Table with 13 columns: Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual. Lists various elements with numerical results.

Qualifiers: ND - Not Detected at the Reporting Limit, S - Spike Recovery outside accepted recovery limits, DO- Surrogate dilute out, J - Analyte detected below quantitation limits, B - Analyte detected in the associated Method Blank, H - Sample exceeded holding time, R - RPD outside accepted recovery limits, Calculations are based on raw values



CLIENT: Geocon Environmental  
Work Order: 057890  
Project: Rte 5-Southbound, 09100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 6010\_S

Sample ID	LCS-9916	SampType:	LCS	TestCode:	6010_S	Units:	mg/Kg	Prep Date:	7/28/2002	Run ID:	ICP2_020729C
Client ID:	ZZZZZ	Batch ID:	9916	TestNo:	EPA 6010B (EPA 3050A)	Analysis Date:	7/29/2002	SeqNo:	309034		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	44	0.25	50	0	88	80	120	0	0		
Molybdenum	46	0.25	50	0	92	80	120	0	0		
Nickel	42.5	0.15	50	0	85	80	120	0	0		
Selenium	44	0.25	50	0	88	80	120	0	0		
Silver	45	0.15	50	0	90	80	120	0	0		
Thallium	45	0.25	50	0	90	80	120	0	0		
Vanadium	46.5	0.15	50	0	93	80	120	0	0		
Zinc	45	0.50	50	0	90	80	120	0	0		

Sample ID	057892-024AMS	SampType:	MS	TestCode:	6010_S	Units:	mg/Kg	Prep Date:	7/28/2002	Run ID:	ICP2_020729C
Client ID:	ZZZZZ	Batch ID:	9916	TestNo:	EPA 6010B (EPA 3050A)	Analysis Date:	7/29/2002	SeqNo:	309048		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	95	0.25	125	2.5	74	32	115	0	0		
Arsenic	127	0.25	125	8.5	94.8	59	111	0	0		
Barium	307	0.15	125	186	96.8	34	151	0	0		
Beryllium	118	0.15	125	0	94.4	56	112	0	0		
Cadmium	111	0.15	125	0	88.8	52	120	0	0		
Chromium	141	0.15	125	24	93.6	56	118	0	0		
Cobalt	118.5	0.15	125	6	90	58	117	0	0		
Copper	201.5	0.15	125	73.5	102	58	134	0	0		
Lead	2036	0.25	125	2315	-223	47	128	0	0		S
Molybdenum	119	0.25	125	5.5	90.8	56	115	0	0		
Nickel	132	0.15	125	18	91.2	52	120	0	0		
Selenium	115	0.25	125	0	92	46	108	0	0		
Silver	121.5	0.15	125	0.1235	97.1	74	117	0	0		
Thallium	115	0.25	125	0.5	91.6	62	117	0	0		
Vanadium	148	0.15	125	23.5	99.6	55	122	0	0		
Zinc	1242	0.50	125	438	644	43	134	0	0		S

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



CLIENT: Geocon Environmental  
Work Order: 057890  
Project: Rte 5-Southbound, 09100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 6010\_S

Sample ID	057892-024AMSD	SampType:	MSD	TestCode:	6010_S	Units:	mg/Kg	Prep Date:	7/28/2002	Run ID:	ICP2_020729C
Client ID:	ZZZZZ	Batch ID:	9916	TestNo:	EPA 6010B (EPA 3050A)	Analysis Date:	7/29/2002	SeqNo:	309049		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	99	0.25	125	2.5	77.2	32	115	95	4.12	20	
Arsenic	129.5	0.25	125	8.5	96.8	59	111	127	1.95	20	
Barium	340	0.15	125	186	123	34	151	307	10.2	20	
Beryllium	120	0.15	125	0	96	56	112	118	1.68	20	
Cadmium	112.5	0.15	125	0	90	52	120	111	1.34	20	
Chromium	144.5	0.15	125	24	96.4	56	118	141	2.45	20	
Cobalt	121	0.15	125	6	92	58	117	118.5	2.09	20	
Copper	216.5	0.15	125	73.5	114	58	134	201.5	7.18	20	
Lead	2292	0.25	125	2315	-18.8	47	128	2036	11.8	20	S
Molybdenum	122.5	0.25	125	5.5	93.6	56	115	119	2.90	20	
Nickel	136.5	0.15	125	18	94.8	52	120	132	3.35	20	
Selenium	117	0.25	125	0	93.6	46	108	115	1.72	20	
Silver	123	0.15	125	0.1235	98.3	74	117	121.5	1.23	20	
Thallium	117	0.25	125	0.5	93.2	62	117	115	1.72	20	
Vanadium	152	0.15	125	23.5	103	55	122	148	2.67	20	
Zinc	502.5	0.50	125	438	51.6	43	134	1242	84.8	20	R

Sample ID	057892-024ADUP	SampType:	DUP	TestCode:	6010_S	Units:	mg/Kg	Prep Date:	7/28/2002	Run ID:	ICP2_020729C
Client ID:	ZZZZZ	Batch ID:	9916	TestNo:	EPA 6010B (EPA 3050A)	Analysis Date:	7/29/2002	SeqNo:	309047		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	2.5	0.25	0	0	0	0	0	0	0	0	
Arsenic	8.5	0.25	0	0	0	0	0	0	0	0	
Barium	186	0.15	0	0	0	0	0	0	0	0	
Beryllium	ND	0.15	0	0	0	0	0	0	0	0	
Cadmium	ND	0.15	0	0	0	0	0	0	0	0	
Chromium	24	0.15	0	0	0	0	0	0	0	0	
Cobalt	6	0.15	0	0	0	0	0	0	0	0	
Copper	73.5	0.15	0	0	0	0	0	0	0	0	
Lead	2315	0.25	0	0	0	0	0	0	0	0	

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



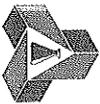
CLIENT: Geocon Environmental  
Work Order: 057890  
Project: Rte 5-Southbound, 09100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 6010\_S

Sample ID	057892-024ADUP	SampType:	DUP	TestCode:	6010_S	Units:	mg/Kg	Prep Date:	7/28/2002	Run ID:	ICP2_020729C
Client ID:	ZZZZZ	Batch ID:	9916	TestNo:	EPA 6010B (EPA 3050A)			Analysis Date:	7/29/2002	SeqNo:	309047
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Molybdenum	5.5	0.25	0	0	0	0	0	0	0	0	
Nickel	18	0.15	0	0	0	0	0	0	0	0	
Selenium	ND	0.25	0	0	0	0	0	0	0	0	
Silver	0.1235	0.15	0	0	0	0	0	0	0	0	J
Thallium	0.5	0.25	0	0	0	0	0	0	0	0	
Vanadium	23.5	0.15	0	0	0	0	0	0	0	0	
Zinc	438	0.50	0	0	0	0	0	0	0	0	

Qualifiers: ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



CLIENT: Geocon Environmental  
Work Order: 057890  
Project: Rte 5-Southbound, 09100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 7471\_S

Sample ID	MB-9919	SampType:	mblk	TestCode:	7471_S	Units:	mg/Kg	Prep Date:	7/28/2002	Run ID:	AA1_020729A			
Client ID:	ZZZZZ	Batch ID:	9919	TestNo:	EPA 7471A (EPA 7471)			Analysis Date:	7/29/2002	SeqNo:	309061			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Mercury		ND		0.10										
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Sample ID	LCS-9919	SampType:	lcs	TestCode:	7471_S	Units:	mg/Kg	Prep Date:	7/28/2002	Run ID:	AA1_020729A			
Client ID:	ZZZZZ	Batch ID:	9919	TestNo:	EPA 7471A (EPA 7471)			Analysis Date:	7/29/2002	SeqNo:	309060			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Mercury		2.02		0.10	2.08	0		97.1	80	120	-0	0		
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Sample ID	057892-003AMS	SampType:	MS	TestCode:	7471_S	Units:	mg/Kg	Prep Date:	7/28/2002	Run ID:	AA1_020729A			
Client ID:	ZZZZZ	Batch ID:	9919	TestNo:	EPA 7471A (EPA 7471)			Analysis Date:	7/29/2002	SeqNo:	309064			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Mercury		0.609		1.0	0.83	0		73.4	62	146	0	0		J
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Sample ID	057892-003AMSD	SampType:	MSD	TestCode:	7471_S	Units:	mg/Kg	Prep Date:	7/28/2002	Run ID:	AA1_020729A			
Client ID:	ZZZZZ	Batch ID:	9919	TestNo:	EPA 7471A (EPA 7471)			Analysis Date:	7/29/2002	SeqNo:	309065			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Mercury		0.6339		1.0	0.83	0		76.4	62	146	0.609	0	33	J
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Sample ID	057892-003ADUP	SampType:	DUP	TestCode:	7471_S	Units:	mg/Kg	Prep Date:	7/28/2002	Run ID:	AA1_020729A			
Client ID:	ZZZZZ	Batch ID:	9919	TestNo:	EPA 7471A (EPA 7471)			Analysis Date:	7/29/2002	SeqNo:	309063			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Mercury		ND		1.0	0	0		0	0	0	0	0	30	
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**Qualifiers:** ND - Not Detected at the Reporting Limit    S - Spike Recovery outside accepted recovery limits    DO - Surrogate dilute out  
 J - Analyte detected below quantitation limits    B - Analyte detected in the associated Method Blank    H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits    Calculations are based on raw values

REVISIONS  
BY \_\_\_\_\_ DATE \_\_\_\_\_  
BY \_\_\_\_\_ DATE \_\_\_\_\_

BY \_\_\_\_\_ DATE \_\_\_\_\_  
CHECKED BY \_\_\_\_\_

All samples → total lead (6010)  
total lead > 50 mg/kg → WET-Citric  
WET-CITRIC > 5 mg/L → WET-DI  
Total lead > 1,000 mg/kg → TCLP  
10% → Soil pH (9045)

Please call when all totals have been run. I will instruct what samples should be run for Title 22 metals.

Thanks - Chris King

**Diane**

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**From:** Chris King [king@geoconinc.com]  
**Sent:** Monday, July 22, 2002 10:57 AM  
**To:** 'Diane'  
**Subject:** 09100-06-49

Diane - please run the 15 samples with the highest total lead content for Title 22 metals. Please do this for each direction (northbound and southbound), so the total number of tests will be 30. Thank you and please call me if you have any questions.

Christopher S. King  
Senior Staff Engineer  
Geocon Consultants, Inc.

July 29, 2002

Chris King  
Geocon Environmental  
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TEL: (858) 558-6100  
FAX: (858) 558-8437

RE: Rt 5 South, 09100-06-49

Attention: Chris King

ELAP No.: 1838

NELAP No.: 02107CA

Workorder No.: 057942

Enclosed are the results for sample(s) received on July 16, 2002 by Advanced Technology Laboratories and tested for the parameters indicated in the enclosed chain of custody.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (562)989-4045 if I can be of further assistance to your company.

Sincerely,



Eddie F. Rodriguez  
Laboratory Director

AUG 02 2002

This cover letter is an integral part of this analytical report.







# CHAIN OF CUSTODY RECORD



**Advanced Technology  
Laboratories**

3275 Walnut Avenue  
Signal Hill, CA 90807  
(562) 989-4045 • FAX (562) 989-4040

## FOR LABORATORY USE ONLY:

P.O.#: _____	Method of Transport Walk-in <input checked="" type="checkbox"/> Courier <input type="checkbox"/> UPS <input type="checkbox"/> FED. EXP. <input type="checkbox"/> ATL <input type="checkbox"/>	Sample Condition Upon Receipt 1. CHILLED Y <input type="checkbox"/> N <input checked="" type="checkbox"/> 4. SEALED Y <input type="checkbox"/> N <input checked="" type="checkbox"/> 2. HEADSPACE (VOA) Y <input type="checkbox"/> N <input checked="" type="checkbox"/> 5. # OF SPLS MATCH COC Y <input checked="" type="checkbox"/> N <input type="checkbox"/> 3. CONTAINER INTACT Y <input checked="" type="checkbox"/> N <input type="checkbox"/> 6. PRESERVED Y <input type="checkbox"/> N <input checked="" type="checkbox"/>
Logged By: <u>EM</u>	Date: <u>7/16/02</u> Time: _____	

Client: <b>GEOCON ENVIRONMENTAL - SAN DIEGO</b>	Address: 6970 Flanders Drive	TEL: ( 858 ) 558-6100
Attn: <u>Christ King</u>	City: San Diego State: CA Zip Code: 92121	FAX: ( 858 ) 558-8437

Project Name: <u>P+S South</u>	Project #: <u>09100-06-419</u>	Sampler: <u>IGD/SCA</u> (Printed Name)	(Signature) <u>[Signature]</u>
Relinquished by: (Signature and Printed Name) <u>Chris</u>	Date: _____ Time: _____	Received by: (Signature and Printed Name) <u>[Signature]</u>	Date: <u>7/16/02</u> Time: <u>11:34 AM</u>
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: <u>Christ King 7/16/02</u> P/Int Name Date	Send Report To: Attn: _____ Co: <u>Client</u> Address _____ City _____ State _____ Zip _____	Bill To: Attn: _____ Co: <u>Client</u> Address _____ City _____ State _____ Zip _____	Special Instructions/Comments: <u>See Page 2</u>
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Unless otherwise requested, all samples will be disposed 45 days after receipt.	Sample Archive/Disposal: <input type="checkbox"/> Laboratory Standard <input type="checkbox"/> Other _____ <input type="checkbox"/> Return To: _____ * \$10.00 FEE PER HAZARDOUS SAMPLE DISPOSAL.	Circle or Add Analysis(es) Requested 8081 / 8082 (Pesticides/PCB-GC) 8230 (Volatile GC/MS) 625 / 8270 (BVA-GC/MS) Metals: Total (CAC-8070 / 7090) 8015M TPH/GBTEX (COMBINATION) 8015M TPH/D (Diesel-GC) <u>Leach / LSH / Calc</u>	CIRCLE APPROPRIATE MATRIX SOLID (SOIL • SLUDGE) OIL • SOLVENT • LIQUID WATER • WASTEWATER DRINKING WATER AIR WIPE • FILTER OTHER _____ TAT _____	Container(s) # _____ Type _____	<b>QA/QC</b> PRESERVATION RTNE <input type="checkbox"/> RWQCB <input type="checkbox"/> WIP <input type="checkbox"/> NAVY <input type="checkbox"/> CT <input type="checkbox"/> OTHER _____
ITEM	LAB USE ONLY: Batch #: Lab No.	Sample Description Sample I.D.      Date      Time			REMARKS
	21	S114-5	7-16	9:58	
	22	S114-1		9:02	
	23	S114-2		9:06	
	24	S114-3		9:10	
	25	S115-5		9:15	
	26	S115-1		9:19	
	27	S115-2		9:23	
	28	S115-3		9:27	
	29	S116-5		9:25	
	30	S116-1		9:29	(X) (A)

• TAT starts 8 a.m. following day if samples received after 5 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 <sub>3</sub> S=H <sub>2</sub> SO <sub>4</sub> C=4°C Z=Zn(AC) <sub>2</sub> O=NaOH T=Na <sub>2</sub> S <sub>2</sub> O <sub>8</sub>
Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal						

# CHAIN OF CUSTODY RECORD

<p><b>Advanced Technology Laboratories</b></p> <p>3275 Walnut Avenue Signal Hill, CA 90807 (562) 989-4045 • FAX (562) 989-4040</p>	<b>FOR LABORATORY USE ONLY:</b>		
	P.O.#: _____  Logged By: <u>[Signature]</u> Date: <u>7/16/02</u> Time: _____	Method of Transport Walk-in <input checked="" type="checkbox"/> Courier <input type="checkbox"/> UPS <input type="checkbox"/> FED. EXP. <input type="checkbox"/> ATL <input type="checkbox"/>	Sample Condition Upon Receipt 1. CHILLED      Y <input type="checkbox"/> N <input checked="" type="checkbox"/> 4. SEALED      Y <input type="checkbox"/> N <input checked="" type="checkbox"/> 2. HEADSPACE (VOA)      Y <input type="checkbox"/> N <input type="checkbox"/> 5. # OF SPLS MATCH COC      Y <input checked="" type="checkbox"/> N <input type="checkbox"/> 3. CONTAINER INTACT      Y <input checked="" type="checkbox"/> N <input type="checkbox"/> 6. PRESERVED      Y <input type="checkbox"/> N <input checked="" type="checkbox"/>

Client: <b>GEOCON ENVIRONMENTAL - SAN DIEGO</b>	Address: 6970 Flanders Drive	TEL: ( 858 ) 558-6100
Attn: <u>Christ King</u>	City: San Diego      State: CA      Zip Code: 92121	FAX: ( 858 ) 558-8437

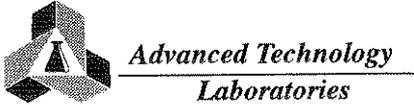
Project Name: <u>Rt 5 South</u>	Project #: <u>0900-0645</u>	Sampler: <u>[Signature]</u> (Signature)
Relinquished by: <u>[Signature]</u> (Signature and Printed Name)	Date: <u>7-16-02</u>	Time: _____
Relinquished by: _____ (Signature and Printed Name)	Date: _____	Time: _____
Relinquished by: _____ (Signature and Printed Name)	Date: _____	Time: _____

I hereby authorize ATL to perform the work indicated below: Project Mgr /Submitter: <u>Chris King</u> <u>7-16-02</u> Print Name      Date <u>[Signature]</u> Signature	Send Report To: Attn: _____ Co: <u>Client</u> Address _____ City _____ State _____ Zip _____	Bill To: Attn: _____ Co: <u>Client</u> Address _____ City _____ State _____ Zip _____	Special Instructions/Comments:  <p style="font-size: 2em; text-align: center;">SSS Page 1</p>
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Unless otherwise requested, all samples will be disposed 45 days after receipt.	Sample Archive/Disposal: <input type="checkbox"/> Laboratory Standard <input type="checkbox"/> Other _____ <input type="checkbox"/> Return To: _____ * \$10.00 FEE PER HAZARDOUS SAMPLE DISPOSAL.	Circle or Add Analysis(es) Requested 8081 / 8082 (Pesticides/PCB-GC) 8250 (VOCs/GC/MS) 8251 / 8270 (BVA-GC/MS) Metals: Total (CAC-8070 / 7000) 8015M TPH/BTEX (COMBINATION) 8015M TPH/D (Diesel/GC) <u>10741 / 10742 / 10743</u>	CIRCLE APPROPRIATE MATRIX SOLIDS • SOILS • SLUDGE OIL • SOLVENT • LIQUID WATER • WASTEWATER DRINKING WATER AIR WIPE • FILTER OTHER _____ TAT # _____ Type _____	PRESERVATION RTNE <input type="checkbox"/> RWQCB <input type="checkbox"/> WIP <input type="checkbox"/> NAVY <input type="checkbox"/> CT <input type="checkbox"/> OTHER _____		
I T E M LAB USE ONLY: Batch #: Lab No.	Sample Description Sample I.D.      Date      Time			REMARKS		
31	S117-5	7-16	928	X	E 1 JC	
32	S117-1		932		X X X	
33	S117-2		936			⊕
34	S118-5		941			
35	S118-1		945			⊕ ⊕
36	S119-5		940			
37	S119-1		944			
38	S119-2		948			
39	S119-3		952			
40	S120-5		948			

• TAT starts 8 a.m. following day if samples received after 5 p.m.	TAT: A= <input type="checkbox"/> Overnight ≤ 24 hr      B= <input type="checkbox"/> Emergency Next workday      C= <input type="checkbox"/> Critical 2 Workdays      D= <input type="checkbox"/> Urgent 3 Workdays      E= <input type="checkbox"/> Routine 7 Workdays	Preservatives: H=HCl N=HNO <sub>3</sub> S=H <sub>2</sub> SO <sub>4</sub> C=4°C Z=Zn(AC) O=NaOH T=Na <sub>2</sub> S <sub>2</sub> O <sub>8</sub>
Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal		

# CHAIN OF CUSTODY RECORD



3275 Walnut Avenue  
Signal Hill, CA 90807  
(562) 989-4045 • FAX (562) 989-4040

## FOR LABORATORY USE ONLY:

P.O.#: _____	Method of Transport: Walk-in <input checked="" type="checkbox"/> Courier <input type="checkbox"/> UPS <input type="checkbox"/> FED. EXP. <input type="checkbox"/> ATL <input type="checkbox"/>	Sample Condition Upon Receipt: 1. CHILLED Y <input type="checkbox"/> N <input checked="" type="checkbox"/> 4. SEALED Y <input type="checkbox"/> N <input checked="" type="checkbox"/> 2. HEADSPACE (VOA) Y <input type="checkbox"/> N <input checked="" type="checkbox"/> 5. # OF SPLS MATCH COC Y <input checked="" type="checkbox"/> N <input type="checkbox"/> 3. CONTAINER INTACT Y <input checked="" type="checkbox"/> N <input type="checkbox"/> 6. PRESERVED Y <input type="checkbox"/> N <input checked="" type="checkbox"/>
Logged By: <u>SK</u>	Date: <u>7/16/02</u> Time: _____	

Client: <b>GEOCON ENVIRONMENTAL - SAN DIEGO</b>	Address: 6970 Flanders Drive	TEL: ( 858 ) 558-6100
Attn: <u>Chris King</u>	City: San Diego State: CA Zip Code: 92121	FAX: ( 858 ) 558-8437

Project Name: <u>R+5 South</u>	Project #: <u>09100-06-49</u>	Sampler: <u>CGB/CCO</u>	Date: <u>7/16/02</u> Time: <u>11:34 AM</u>
Relinquished by: <u>Chad Brauer</u>	Received by: <u>Subj. M</u>	Date: <u>7/16/02</u>	Time: <u>11:34 AM</u>

I hereby authorize ATL to perform the work indicated below: Project Mgr /Submitter: <u>Chris King</u> <u>7/16/02</u> Signature: _____ Date: _____	Send Report To: Attn: <u>Client</u> Co: <u>Client</u> Address: _____ City: _____ State: _____ Zip: _____	Bill To: Attn: <u>Client</u> Co: <u>Client</u> Address: _____ City: _____ State: _____ Zip: _____	Special Instructions/Comments: <u>SEE PAGE 1</u>
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Unless otherwise requested, all samples will be disposed 45 days after receipt.	Sample Archive/Disposal: <input type="checkbox"/> Laboratory Standard <input type="checkbox"/> Other _____ <input type="checkbox"/> Return To: _____ * \$10.00 FEE PER HAZARDOUS SAMPLE DISPOSAL.	Circle or Add Analysis(es) Requested: <u>8091 / 8092 (Pesticides-PCB-OC) 8090 (Volatiles-OC/MS) 823 / 8270 (BVA-GC/MS) Metals-Total (CAC-8010 / T000) 8015M TPHGBTEX (COMBINATION) 8015M TPHD (Diesel-GC) TOTAL / 5 AD/OC</u>	CIRCLE APPROPRIATE MATRIX: <u>SOLID • SOIL • SLUDGE OIL • SOLVENT • LIQUID WATER • WASTEWATER DRINKING WATER AIR WIPE • FILTER OTHER</u>	PRESERVATION RTNE <input type="checkbox"/> RWQCB <input type="checkbox"/> WIP <input type="checkbox"/> NAVY <input type="checkbox"/> CT <input type="checkbox"/> OTHER _____
LAB USE ONLY: Batch #: Lab No.	Sample Description Sample I.D.      Date      Time	Container(s) #      Type	TAT	REMARKS
41	S120-1	7/16	950	E 1 J 6
42	S120-2	7/16	954	X X X X
43	S120-3	7/16	957	X X X X

• TAT starts 8 a.m. following day if samples received after 5 p.m.	TAT: A= <u>Overnight</u> ≤ 24 hr      B= <u>Emergency</u> Next workday      C= <u>Critical</u> 2 Workdays      D= <u>Urgent</u> 3 Workdays      E= <u>Routine</u> 7 Workdays	Preservatives: H=HCl N=HNO <sub>3</sub> S=H <sub>2</sub> SO <sub>4</sub> C=4°C Z=Zn(AC) <sub>2</sub> O=NaOH T=Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub>
Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal		

# CHAIN OF CUSTODY RECORD

**Advanced Technology Laboratories**  
 3275 Walnut Avenue  
 Signal Hill, CA 90807  
 (562) 989-4045 • FAX (562) 989-4040

## FOR LABORATORY USE ONLY:

P.O.#: _____	Method of Transport: Walk-in <input checked="" type="checkbox"/> Courier <input type="checkbox"/> UPS <input type="checkbox"/> FED. EXP. <input type="checkbox"/> ATL <input type="checkbox"/>	Sample Condition Upon Receipt: 1. CHILLED Y <input type="checkbox"/> N <input checked="" type="checkbox"/> 4. SEALED Y <input type="checkbox"/> N <input checked="" type="checkbox"/> 2. HEADSPACE (VOA) Y <input type="checkbox"/> N <input checked="" type="checkbox"/> 5. # OF SPLS MATCH COC Y <input checked="" type="checkbox"/> N <input type="checkbox"/> 3. CONTAINER INTACT Y <input checked="" type="checkbox"/> N <input type="checkbox"/> 6. PRESERVED Y <input type="checkbox"/> N <input checked="" type="checkbox"/>
Logged By: <u>[Signature]</u>	Date: <u>7/16/02</u> Time: _____	

Client: <b>GEOCON ENVIRONMENTAL - SAN DIEGO</b>	Address: 6970 Flanders Drive	TEL: ( 858 ) 558-6100
Attn: <u>Chris King</u>	City: San Diego State: CA Zip Code: 92121	FAX: ( 858 ) 558-8437

Project Name: <u>Rt-5 South</u>	Project #: <u>CG100-0649</u>	Sampler: <u>[Signature]</u> (Signature)	Date: <u>7-16-02</u> Time: <u>11:30 AM</u>
Relinquished by: <u>[Signature]</u>	Date: _____ Time: _____	Received by: <u>[Signature]</u>	Date: _____ Time: _____
Relinquished by: _____	Date: _____ Time: _____	Received by: _____	Date: _____ Time: _____
Relinquished by: _____	Date: _____ Time: _____	Received by: _____	Date: _____ Time: _____

I hereby authorize ATL to perform the work indicated below: Project Mgr /Submitter: <u>[Signature]</u> <u>7-16-02</u> Print Name Date <u>[Signature]</u> Signature	Send Report To: Attn: _____ Co: <u>[Signature]</u> Address _____ City _____ State _____ Zip _____	Bill To: Attn: _____ Co: <u>Client</u> Address _____ City _____ State _____ Zip _____	Special Instructions/Comments: <u>SEE PAGE 1</u>
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Unless otherwise requested, all samples will be disposed 45 days after receipt.	Sample Archive/Disposal: <input type="checkbox"/> Laboratory Standard <input type="checkbox"/> Other _____ <input type="checkbox"/> Return To: _____ * \$10.00 FEE PER HAZARDOUS SAMPLE DISPOSAL.	Circle or Add Analysis(es) Requested: 8061 / 8062 (Pesticides/PCB-GC) 8050 (Volatiles-GC/MS) 8051 / 8070 (BVA-GC/MS) Metals: Total (CAC-8010 / TOPO) 8015M TPH/GIBTEX (COMBINATION) 8015M TPH/D (Diesel-GC) <u>ICM / 5 AD Lab</u>	CIRCLE APPROPRIATE MATRIX: SOLID • SOIL • SLUDGE OIL • SOLVENT • LIQUID WATER • WASTEWATER DRINKING WATER AIR WIPE • FILTER OTHER _____ TAT # _____ Type _____	QA/QC RTNE <input type="checkbox"/> RWQCB <input type="checkbox"/> WIP <input type="checkbox"/> NAVY <input type="checkbox"/> CT <input type="checkbox"/> OTHER _____					
ITEM	LAB USE ONLY: Batch #: Lab No.	Sample Description Sample I.D.	Date	Time	Analysis Requested	Matrix	Container(s) # Type	PRESERVATION	REMARKS
	44	EB-45	7/16	8:59			E	I P D C	
	45	EB-46		9:09			X	X X X	
	46	EB-47		9:29					
	47	EB-48		9:51					
	48	EB-49		9:58					

• TAT starts 8 a.m. following day if samples received after 5 p.m.	TAT: A= <u>Overnight</u> ≤ 24 hr	B= <u>Emergency</u> Next workday	C= <u>Critical</u> 2 Workdays	D= <u>Urgent</u> 3 Workdays	E= <u>Routine</u> 7 Workdays	Preservatives: H=Hcl N=HNO <sub>3</sub> S=H <sub>2</sub> SO <sub>4</sub> C=4°C Z=Zn(AC) <sub>2</sub> O=NaOH T=Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub>
Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal						

**LEAD BY ICP  
EPA 6010B**

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057942
<b>Project:</b>	Rt 5 South, 09100-06-49	<b>Date Received:</b>	7/16/2002 11:34:
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	RQ

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057942-001A	S109-S	560	mg/Kg	9621	5	1	7/16/2002	7/18/2002
057942-002A	S109-1	850	mg/Kg	9621	5	1	7/16/2002	7/18/2002
057942-003A	S109-2	230	mg/Kg	9621	5	1	7/16/2002	7/18/2002
057942-004A	S109-3	110	mg/Kg	9621	5	1	7/16/2002	7/18/2002
057942-005A	S110-S	220	mg/Kg	9621	5	1	7/16/2002	7/18/2002
057942-006A	S110-1	1100	mg/Kg	9621	5	1	7/16/2002	7/18/2002
057942-007A	S110-2	130	mg/Kg	9621	5	1	7/16/2002	7/18/2002
057942-008A	S110-3	190	mg/Kg	9621	5	1	7/16/2002	7/18/2002
057942-009A	S111-S	340	mg/Kg	9622	5	1	7/16/2002	7/18/2002
057942-010A	S111-1	850	mg/Kg	9622	5	1	7/16/2002	7/18/2002
057942-011A	S111-2	43	mg/Kg	9622	5	1	7/16/2002	7/18/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



**LEAD BY ICP  
EPA 6010B**

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057942
<b>Project:</b>	Rt 5 South, 09100-06-49	<b>Date Received:</b>	7/16/2002 11:34:
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	RQ

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057942-012A	S111-3	28	mg/Kg	9622	5	1	7/16/2002	7/18/2002
057942-013A	S112-S	510	mg/Kg	9622	5	1	7/16/2002	7/18/2002
057942-014A	S112-1	210	mg/Kg	9622	5	1	7/16/2002	7/18/2002
057942-015A	S112-2	53	mg/Kg	9622	5	1	7/16/2002	7/18/2002
057942-016A	S112-3	130	mg/Kg	9622	5	1	7/16/2002	7/18/2002
057942-017A	S113-S	1000	mg/Kg	9622	5	1	7/16/2002	7/18/2002
057942-018A	S113-1	630	mg/Kg	9622	5	1	7/16/2002	7/18/2002
057942-019A	S113-2	100	mg/Kg	9622	5	1	7/16/2002	7/18/2002
057942-020A	S113-3	48	mg/Kg	9622	5	1	7/16/2002	7/18/2002
057942-021A	S114-S	140	mg/Kg	9622	5	1	7/16/2002	7/18/2002
057942-022A	S114-1	150	mg/Kg	9622	5	1	7/16/2002	7/18/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



**Advanced Technology Laboratories**

Date: 7/29/2002

**LEAD BY ICP  
EPA 6010B**

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057942
<b>Project:</b>	Rt 5 South, 09100-06-49	<b>Date Received:</b>	7/16/2002 11:34:
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	RQ

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057942-023A	S114-2	150	mg/Kg	9622	5	1	7/16/2002	7/18/2002
057942-024A	S114-3	29	mg/Kg	9622	5	1	7/16/2002	7/18/2002
057942-025A	S115-S	280	mg/Kg	9622	5	1	7/16/2002	7/18/2002
057942-026A	S115-1	52	mg/Kg	9622	5	1	7/16/2002	7/18/2002
057942-027A	S115-2	130	mg/Kg	9622	5	1	7/16/2002	7/18/2002
057942-028A	S115-3	22	mg/Kg	9622	5	1	7/16/2002	7/18/2002
057942-029A	S116-S	310	mg/Kg	9625	5	1	7/16/2002	7/18/2002
057942-030A	S116-1	260	mg/Kg	9625	5	1	7/16/2002	7/18/2002
057942-031A	S117-S	190	mg/Kg	9625	5	1	7/16/2002	7/18/2002
057942-032A	S117-1	170	mg/Kg	9625	5	1	7/16/2002	7/18/2002
057942-033A	S117-2	110	mg/Kg	9625	5	1	7/16/2002	7/18/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



**Advanced Technology Laboratories**

Date: 7/29/2002

**LEAD BY ICP  
EPA 6010B**

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057942
<b>Project:</b>	Rt 5 South, 09100-06-49	<b>Date Received:</b>	7/16/2002 11:34:
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	RQ

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057942-034A	S118-S	120	mg/Kg	9625	5	1	7/16/2002	7/18/2002
057942-035A	S118-1	67	mg/Kg	9625	5	1	7/16/2002	7/18/2002
057942-036A	S119-S	260	mg/Kg	9625	5	1	7/16/2002	7/18/2002
057942-037A	S119-1	18	mg/Kg	9625	5	1	7/16/2002	7/18/2002
057942-038A	S119-2	ND	mg/Kg	9625	5	1	7/16/2002	7/18/2002
057942-039A	S119-3	6.2	mg/Kg	9625	5	1	7/16/2002	7/18/2002
057942-040A	S120-S	66	mg/Kg	9625	5	1	7/16/2002	7/18/2002
057942-041A	S120-1	15	mg/Kg	9625	5	1	7/16/2002	7/18/2002
057942-042A	S120-2	11	mg/Kg	9625	5	1	7/16/2002	7/18/2002
057942-043A	S120-3	9.3	mg/Kg	9625	5	1	7/16/2002	7/18/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



ICP METALS  
EPA 6010B

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057942
<b>Project:</b>	Rt 5 South, 09100-06-49	<b>Date Received:</b>	7/16/2002 11:34:
<b>Project No:</b>		<b>Matrix:</b>	Water
<b>PO No:</b>		<b>Analyst:</b>	RQ

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057942-044A	EB-45	0.0052	mg/L	9646	0.005	1	7/16/2002	7/18/2002
057942-045A	EB-46	0.010	mg/L	9646	0.005	1	7/16/2002	7/18/2002
057942-046A	EB-47	0.0057	mg/L	9646	0.005	1	7/16/2002	7/18/2002
057942-047A	EB-48	0.0073	mg/L	9646	0.005	1	7/16/2002	7/18/2002
057942-048A	EB-49	ND	mg/L	9646	0.005	1	7/16/2002	7/18/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



pH  
EPA 9045C

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057942
<b>Project:</b>	Rt 5 South, 09100-06-49	<b>Date Received:</b>	7/16/2002 11:34:
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	JT

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057942-001A	S109-S	6.57	pH Units	R19605	0.1	1	7/16/2002	7/21/2002
057942-010A	S111-1	7.11	pH Units	R19605	0.1	1	7/16/2002	7/21/2002
057942-020A	S113-3	7.81	pH Units	R19605	0.1	1	7/16/2002	7/21/2002
057942-030A	S116-1	8.30	pH Units	R19605	0.1	1	7/16/2002	7/21/2002
057942-040A	S120-S	8.29	pH Units	R19605	0.1	1	7/16/2002	7/21/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



LEAD BY ATOMIC ABSORPTION  
WET/ EPA 7420

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057942
<b>Project:</b>	Rt 5 South, 09100-06-49	<b>Date Received:</b>	7/16/2002 11:34:
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	JT

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057942-001A	S109-S	51	mg/L	9790	1.6	8	7/16/2002	7/27/2002
057942-002A	S109-1	110	mg/L	9790	4	20	7/16/2002	7/27/2002
057942-003A	S109-2	21	mg/L	9790	0.8	4	7/16/2002	7/27/2002
057942-004A	S109-3	7.6	mg/L	9790	0.2	1	7/16/2002	7/27/2002
057942-005A	S110-S	20	mg/L	9790	0.8	4	7/16/2002	7/27/2002
057942-007A	S110-2	18	mg/L	9790	0.4	2	7/16/2002	7/27/2002
057942-008A	S110-3	16	mg/L	9790	0.4	2	7/16/2002	7/27/2002
057942-009A	S111-S	36	mg/L	9791	0.8	4	7/16/2002	7/26/2002
057942-010A	S111-1	120	mg/L	9791	4	20	7/16/2002	7/26/2002
057942-013A	S112-S	57	mg/L	9791	2	10	7/16/2002	7/26/2002
057942-014A	S112-1	26	mg/L	9791	0.8	4	7/16/2002	7/26/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



LEAD BY ATOMIC ABSORPTION  
WET/ EPA 7420

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057942
<b>Project:</b>	Rt 5 South, 09100-06-49	<b>Date Received:</b>	7/16/2002 11:34:
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	JT

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057942-015A	S112-2	7.1	mg/L	9791	0.2	1	7/16/2002	7/26/2002
057942-016A	S112-3	8.0	mg/L	9791	0.2	1	7/16/2002	7/26/2002
057942-018A	S113-1	92	mg/L	9791	2	10	7/16/2002	7/26/2002
057942-019A	S113-2	7.4	mg/L	9791	0.2	1	7/16/2002	7/26/2002
057942-021A	S114-S	13	mg/L	9791	0.4	2	7/16/2002	7/26/2002
057942-022A	S114-1	14	mg/L	9791	0.4	2	7/16/2002	7/26/2002
057942-023A	S114-2	13	mg/L	9791	0.4	2	7/16/2002	7/26/2002
057942-025A	S115-S	32	mg/L	9791	0.8	4	7/16/2002	7/26/2002
057942-026A	S115-1	3.0	mg/L	9791	0.2	1	7/16/2002	7/26/2002
057942-027A	S115-2	6.8	mg/L	9791	0.2	1	7/16/2002	7/26/2002
057942-029A	S116-S	17	mg/L	9791	0.8	4	7/16/2002	7/26/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



**LEAD BY ATOMIC ABSORPTION  
WET/ EPA 7420**

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057942
<b>Project:</b>	Rt 5 South, 09100-06-49	<b>Date Received:</b>	7/16/2002 11:34:
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	JT

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057942-030A	S116-1	16	mg/L	9791	0.4	2	7/16/2002	7/26/2002
057942-031A	S117-S	20	mg/L	9791	0.4	2	7/16/2002	7/26/2002
057942-032A	S117-1	28	mg/L	9791	0.8	4	7/16/2002	7/26/2002
057942-033A	S117-2	12	mg/L	9791	0.4	2	7/16/2002	7/26/2002
057942-034A	S118-S	6.8	mg/L	9791	0.2	1	7/16/2002	7/26/2002
057942-035A	S118-1	5.9	mg/L	9792	0.2	1	7/16/2002	7/26/2002
057942-036A	S119-S	28	mg/L	9792	0.8	4	7/16/2002	7/26/2002
057942-040A	S120-S	6.2	mg/L	9792	0.2	1	7/16/2002	7/26/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



LEAD BY ATOMIC ABSORPTION  
EPA 1311/ 7420

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057942
<b>Project:</b>	Rt 5 South, 09100-06-49	<b>Date Received:</b>	7/16/2002 11:34:
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	JT

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057942-006A	S110-1	4.9	mg/L	9853	0.2	1	7/16/2002	7/26/2002
057942-017A	S113-S	5.9	mg/L	9853	0.2	1	7/16/2002	7/26/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



**LEAD BY ATOMIC ABSORPTION  
WET DI/ EPA 7420**

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057942
<b>Project:</b>	Rt 5 South, 09100-06-49	<b>Date Received:</b>	7/16/2002 11:34:
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	JT

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057942-001A	S109-S	0.55	mg/L	9781	0.2	1	7/16/2002	7/28/2002
057942-002A	S109-1	4.4	mg/L	9781	0.2	1	7/16/2002	7/28/2002
057942-003A	S109-2	1.5	mg/L	9781	0.2	1	7/16/2002	7/28/2002
057942-004A	S109-3	0.51	mg/L	9781	0.2	1	7/16/2002	7/28/2002
057942-005A	S110-S	ND	mg/L	9781	0.2	1	7/16/2002	7/28/2002
057942-007A	S110-2	1.6	mg/L	9781	0.2	1	7/16/2002	7/28/2002
057942-008A	S110-3	1.6	mg/L	9781	0.2	1	7/16/2002	7/28/2002
057942-009A	S111-S	0.59	mg/L	9781	0.2	1	7/16/2002	7/28/2002
057942-010A	S111-1	5.4	mg/L	9781	0.2	1	7/16/2002	7/28/2002
057942-013A	S112-S	0.52	mg/L	9781	0.2	1	7/16/2002	7/28/2002
057942-014A	S112-1	ND	mg/L	9782	0.2	1	7/16/2002	7/28/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	I - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



LEAD BY ATOMIC ABSORPTION  
WET DI/ EPA 7420

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057942
<b>Project:</b>	Rt 5 South, 09100-06-49	<b>Date Received:</b>	7/16/2002 11:34:
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	JT

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057942-015A	S112-2	ND	mg/L	9782	0.2	1	7/16/2002	7/28/2002
057942-016A	S112-3	0.50	mg/L	9782	0.2	1	7/16/2002	7/28/2002
057942-018A	S113-1	4.0	mg/L	9782	0.2	1	7/16/2002	7/28/2002
057942-019A	S113-2	0.28	mg/L	9782	0.2	1	7/16/2002	7/28/2002
057942-021A	S114-S	ND	mg/L	9782	0.2	1	7/16/2002	7/28/2002
057942-022A	S114-1	ND	mg/L	9782	0.2	1	7/16/2002	7/28/2002
057942-023A	S114-2	ND	mg/L	9782	0.2	1	7/16/2002	7/28/2002
057942-025A	S115-S	ND	mg/L	9782	0.2	1	7/16/2002	7/28/2002
057942-027A	S115-2	ND	mg/L	9782	0.2	1	7/16/2002	7/28/2002
057942-029A	S116-S	0.83	mg/L	9782	0.2	1	7/16/2002	7/28/2002
057942-030A	S116-1	0.42	mg/L	9782	0.2	1	7/16/2002	7/28/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



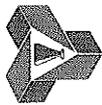
LEAD BY ATOMIC ABSORPTION  
WET DI/ EPA 7420

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057942
<b>Project:</b>	Rt 5 South, 09100-06-49	<b>Date Received:</b>	7/16/2002 11:34:
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	JT

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057942-031A	S117-S	0.21	mg/L	9782	0.2	1	7/16/2002	7/28/2002
057942-032A	S117-1	0.24	mg/L	9782	0.2	1	7/16/2002	7/28/2002
057942-033A	S117-2	ND	mg/L	9782	0.2	1	7/16/2002	7/28/2002
057942-034A	S118-S	ND	mg/L	9782	0.2	1	7/16/2002	7/28/2002
057942-035A	S118-1	ND	mg/L	9782	0.2	1	7/16/2002	7/28/2002
057942-036A	S119-S	0.26	mg/L	9782	0.2	1	7/16/2002	7/28/2002
057942-040A	S120-S	ND	mg/L	9782	0.2	1	7/16/2002	7/28/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified





Advanced Technology Laboratories

Date: 29-Jul-02

CLIENT: Geocon Environmental
Work Order: 057942
Project: Rt 5 South, 09100-06-49

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010\_SPB

Table with 13 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, (EPA 3050M), Analysis Date, SeqNo, Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual. Row 1: MB-9621A, MBLK, 6010\_SPB, mg/Kg, 7/17/2002, ICP5\_020718H, ZZZZZ, 9621, EPA 6010B, (EPA 3050M), 7/18/2002, 301410, Lead, ND, 5.0

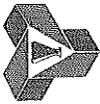
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Table with 13 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, (EPA 3050M), Analysis Date, SeqNo, Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual. Row 1: MB-9622A, MBLK, 6010\_SPB, mg/Kg, 7/17/2002, ICP5\_020718I, ZZZZZ, 9622, EPA 6010B, (EPA 3050M), 7/18/2002, 301438, Lead, ND, 5.0

Table with 13 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, (EPA 3050M), Analysis Date, SeqNo, Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual. Row 1: MB-9622B, MBLK, 6010\_SPB, mg/Kg, 7/17/2002, ICP5\_020718I, ZZZZZ, 9622, EPA 6010B, (EPA 3050M), 7/18/2002, 301439, Lead, ND, 5.0

Table with 13 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, (EPA 3050M), Analysis Date, SeqNo, Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual. Row 1: MB-9625A, MBLK, 6010\_SPB, mg/Kg, 7/17/2002, ICP5\_020718J, ZZZZZ, 9625, EPA 6010B, (EPA 3050M), 7/18/2002, 301471, Lead, ND, 5.0

Qualifiers: ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits DO- Surrogate dilute out
J - Analyte detected below quantitation limits B - Analyte detected in the associated Method Blank H - Sample exceeded holding time
R - RPD outside accepted recovery limits Calculations are based on raw values



CLIENT: Geocon Environmental  
Work Order: 057942  
Project: Rt 5 South, 09100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 6010\_SPB

Sample ID	MB-9625B	SampType:	MBLK	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/17/2002	Run ID:	ICP5_020718J
Client ID:	ZZZZZ	Batch ID:	9625	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/18/2002	SeqNo:	301472
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	ND	5.0									
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Sample ID	LCS-9621	SampType:	LCS	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/17/2002	Run ID:	ICP5_020718H
Client ID:	ZZZZZ	Batch ID:	9621	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/18/2002	SeqNo:	301409
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	230.4	5.0	250	0	92.2	80	120	0	0		
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Sample ID	LCS-9622	SampType:	LCS	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/17/2002	Run ID:	ICP5_020718I
Client ID:	ZZZZZ	Batch ID:	9622	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/18/2002	SeqNo:	301437
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	231.2	5.0	250	0	92.5	80	120	0	0		
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Sample ID	LCS-9625	SampType:	LCS	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/17/2002	Run ID:	ICP5_020718J
Client ID:	ZZZZZ	Batch ID:	9625	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/18/2002	SeqNo:	301470
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	223.4	5.0	250	0	89.3	80	120	0	0		
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Sample ID	057941-010AMS	SampType:	MS	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/17/2002	Run ID:	ICP5_020718H
Client ID:	ZZZZZ	Batch ID:	9621	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/18/2002	SeqNo:	301395
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	747	5.0	250	429.8	127	47	128	0	0		
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Qualifiers: ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 R - RPD outside accepted recovery limits  
 S - Spike Recovery outside accepted recovery limits  
 B - Analyte detected in the associated Method Blank  
 Calculations are based on raw values  
 DO- Surrogate dilute out  
 H - Sample exceeded holding time



CLIENT: Geocon Environmental  
Work Order: 057942  
Project: Rt 5 South, 09100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 6010\_SPB

Sample ID	057942-008AMS	SampType:	MS	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/17/2002	Run ID:	ICP5_020718H
Client ID:	S110-3	Batch ID:	9621	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/18/2002	SeqNo:	301407
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	295.2	5.0	250	194.8	40.2	47	128	0	0		S
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Sample ID	057942-018AMS	SampType:	MS	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/17/2002	Run ID:	ICP5_020718I
Client ID:	S113-1	Batch ID:	9622	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/18/2002	SeqNo:	301423
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	877.9	5.0	250	633.6	97.7	47	128	0	0		
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Sample ID	057942-028AMS	SampType:	MS	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/17/2002	Run ID:	ICP5_020718I
Client ID:	S115-3	Batch ID:	9622	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/18/2002	SeqNo:	301435
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	181.4	5.0	250	21.61	63.9	47	128	0	0		
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Sample ID	057942-038AMS	SampType:	MS	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/17/2002	Run ID:	ICP5_020718J
Client ID:	S119-2	Batch ID:	9625	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/18/2002	SeqNo:	301455
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	152.1	5.0	250	4.7	59	47	128	0	0		
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Sample ID	057948-006AMS	SampType:	MS	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/17/2002	Run ID:	ICP5_020718J
Client ID:	ZZZZZ	Batch ID:	9625	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/18/2002	SeqNo:	301468
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	164.4	5.0	250	39.81	49.8	47	128	0	0		
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Qualifiers: ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



CLIENT: Geocon Environmental  
Work Order: 057942  
Project: Rt 5 South, 09100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 6010\_SPB

Sample ID	057941-010ADUP	SampType:	DUP	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/17/2002	Run ID:	ICP5_020718H		
Client ID:	ZZZZZ	Batch ID:	9621	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/18/2002	SeqNo:	301394		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	653.3	5.0	0	0	0	0	0	0	429.8	41.3	30	R
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Sample ID	057942-008ADUP	SampType:	DUP	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/17/2002	Run ID:	ICP5_020718H		
Client ID:	S110-3	Batch ID:	9621	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/18/2002	SeqNo:	301406		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	172.2	5.0	0	0	0	0	0	0	194.8	12.3	30
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Sample ID	057942-018ADUP	SampType:	DUP	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/17/2002	Run ID:	ICP5_020718I		
Client ID:	S113-1	Batch ID:	9622	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/18/2002	SeqNo:	301422		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	831	5.0	0	0	0	0	0	0	633.6	27.0	30
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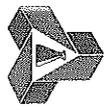
Sample ID	057942-028ADUP	SampType:	DUP	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/17/2002	Run ID:	ICP5_020718I		
Client ID:	S115-3	Batch ID:	9622	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/18/2002	SeqNo:	301434		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	32.65	5.0	0	0	0	0	0	0	21.61	40.7	30	R
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Sample ID	057942-038ADUP	SampType:	DUP	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/17/2002	Run ID:	ICP5_020718J		
Client ID:	S119-2	Batch ID:	9625	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/18/2002	SeqNo:	301454		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	6.823	5.0	0	0	0	0	0	0	4.7	36.8	30	R
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Qualifiers: ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO - Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



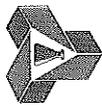
CLIENT: Geocon Environmental  
Work Order: 057942  
Project: Rt 5 South, 09100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 6010\_SPB

Sample ID: 057948-006ADUP	SampType: DUP	TestCode: 6010_SPB	Units: mg/Kg	Prep Date: 7/17/2002	Run ID: ICP5_020718J						
Client ID: ZZZZZ	Batch ID: 9625	TestNo: EPA 6010B (EPA 3050M)		Analysis Date: 7/18/2002	SeqNo: 301467						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	31.02	5.0	0	0	0	0	0	39.81	24.8	30	

Qualifiers: ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      **Calculations are based on raw values**



**CLIENT:** Geocon Environmental  
**Work Order:** 057942  
**Project:** Rt 5 South, 09100-06-49

### ANALYTICAL QC SUMMARY REPORT

**TestCode: 6010\_WPB**

Sample ID <b>MB-9646</b>	SampType: <b>MBLK</b>	TestCode: <b>6010_WPB</b>	Units: <b>mg/L</b>	Prep Date: <b>7/17/2002</b>	Run ID: <b>ICP2_020718C</b>						
Client ID: <b>ZZZZZ</b>	Batch ID: <b>9646</b>	TestNo: <b>EPA 6010B (EPA 3010A)</b>		Analysis Date: <b>7/18/2002</b>	SeqNo: <b>300952</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead ND 0.0050

Sample ID <b>LCS-9646</b>	SampType: <b>LCS</b>	TestCode: <b>6010_WPB</b>	Units: <b>mg/L</b>	Prep Date: <b>7/17/2002</b>	Run ID: <b>ICP2_020718C</b>						
Client ID: <b>ZZZZZ</b>	Batch ID: <b>9646</b>	TestNo: <b>EPA 6010B (EPA 3010A)</b>		Analysis Date: <b>7/18/2002</b>	SeqNo: <b>300953</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 1 0.0050 1 0 100 80 120 0 0

Sample ID <b>057942-048AMS</b>	SampType: <b>MS</b>	TestCode: <b>6010_WPB</b>	Units: <b>mg/L</b>	Prep Date: <b>7/17/2002</b>	Run ID: <b>ICP2_020718C</b>						
Client ID: <b>EB-49</b>	Batch ID: <b>9646</b>	TestNo: <b>EPA 6010B (EPA 3010A)</b>		Analysis Date: <b>7/18/2002</b>	SeqNo: <b>300961</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 2.58 0.0050 2.5 0.00471 103 66 118 0 0

Sample ID <b>057942-048AMSD</b>	SampType: <b>MSD</b>	TestCode: <b>6010_WPB</b>	Units: <b>mg/L</b>	Prep Date: <b>7/17/2002</b>	Run ID: <b>ICP2_020718C</b>						
Client ID: <b>EB-49</b>	Batch ID: <b>9646</b>	TestNo: <b>EPA 6010B (EPA 3010A)</b>		Analysis Date: <b>7/18/2002</b>	SeqNo: <b>300962</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 2.47 0.0050 2.5 0.00471 98.6 66 118 2.58 4.36 20

Sample ID <b>057942-048ADUP</b>	SampType: <b>DUP</b>	TestCode: <b>6010_WPB</b>	Units: <b>mg/L</b>	Prep Date: <b>7/17/2002</b>	Run ID: <b>ICP2_020718C</b>						
Client ID: <b>EB-49</b>	Batch ID: <b>9646</b>	TestNo: <b>EPA 6010B (EPA 3010A)</b>		Analysis Date: <b>7/18/2002</b>	SeqNo: <b>300960</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead ND 0.0050 0 0 0 0 0 0 0.00471 0 30

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



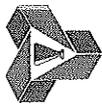
**CLIENT:** Geocon Environmental  
**Work Order:** 057942  
**Project:** Rt 5 South, 09100-06-49

### ANALYTICAL QC SUMMARY REPORT

**TestCode:** 9045\_S

Sample ID	057948-024A-DUP	SampType:	DUP	TestCode:	9045_S	Units:	pH Units	Prep Date:	7/21/2002	Run ID:	WETCHEM_020721A		
Client ID:	ZZZZZ	Batch ID:	R19605	TestNo:	EPA 9045C			Analysis Date:	7/21/2002	SeqNo:	302534		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
pH		8.085		0.10	0	0	0	0	0	8.086	0.0124	20	

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



Advanced Technology Laboratories

Date: 29-Jul-02

CLIENT: Geocon Environmental
Work Order: 057942
Project: Rt 5 South, 09100-06-49

ANALYTICAL QC SUMMARY REPORT

TestCode: 7420\_ST

Table with 13 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, Analysis Date, SeqNo, Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual. Row 1: MB-9792, MBLK, 7420\_ST, mg/L, 7/26/2002, AA2\_020726F, ZZZZZ, 9792, WET/ EPA 74 (WET), 7/26/2002, 307047, Lead, ND, 0.20

Table with 13 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, Analysis Date, SeqNo, Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual. Row 1: MB-9792A, MBLK, 7420\_ST, mg/L, 7/23/2002, AA2\_020726F, ZZZZZ, 9792, WET/ EPA 74 (WET), 7/26/2002, 307050, Lead, ND, 0.20

Table with 13 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, Analysis Date, SeqNo, Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual. Row 1: MB-9792B, MBLK, 7420\_ST, mg/L, 7/23/2002, AA2\_020726F, ZZZZZ, 9792, WET/ EPA 74 (WET), 7/26/2002, 307062, Lead, 0.08255, 0.20

Table with 13 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, Analysis Date, SeqNo, Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual. Row 1: MB-9791, MBLK, 7420\_ST, mg/L, 7/26/2002, AA2\_020726K, ZZZZZ, 9791, WET/ EPA 74 (WET), 7/26/2002, 307446, Lead, 0.07198, 0.20, J

Table with 13 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, Analysis Date, SeqNo, Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual. Row 1: MB-9791A, MBLK, 7420\_ST, mg/L, 7/23/2002, AA2\_020726K, ZZZZZ, 9791, WET/ EPA 74 (WET), 7/26/2002, 307447, Lead, ND, 0.20

Qualifiers: ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits DO- Surrogate dilute out
J - Analyte detected below quantitation limits B - Analyte detected in the associated Method Blank H - Sample exceeded holding time
R - RPD outside accepted recovery limits Calculations are based on raw values



CLIENT: Geocon Environmental  
Work Order: 057942  
Project: Rt 5 South, 09100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 7420\_ST

Sample ID	MB-9791B	SampType:	MBLK	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020726K			
Client ID:	ZZZZZ	Batch ID:	9791	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/26/2002	SeqNo:	307460			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 0.05903 0.20 J

Sample ID	MB-9790	SampType:	MBLK	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/27/2002	Run ID:	AA2_020727B			
Client ID:	ZZZZZ	Batch ID:	9790	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/27/2002	SeqNo:	307885			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead ND 0.20

Sample ID	MB-9790A	SampType:	MBLK	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020727B			
Client ID:	ZZZZZ	Batch ID:	9790	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/27/2002	SeqNo:	307886			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead ND 0.20

Sample ID	MB-9790B	SampType:	MBLK	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020727B			
Client ID:	ZZZZZ	Batch ID:	9790	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/27/2002	SeqNo:	307899			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 0.0481 0.20

Sample ID	LCS-9792	SampType:	LCS	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/26/2002	Run ID:	AA2_020726F			
Client ID:	ZZZZZ	Batch ID:	9792	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/26/2002	SeqNo:	307076			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 7.472 0.20 7.5 0 99.6 80 120 0 0

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



CLIENT: Geocon Environmental  
Work Order: 057942  
Project: Rt 5 South, 09100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 7420\_ST

Sample ID	LCS-9791	SampType:	LCS	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/26/2002	Run ID:	AA2_020726K
Client ID:	ZZZZZ	Batch ID:	9791	TestNo:	WET/ EPA 74 (WET)	Analysis Date:	7/26/2002	SeqNo:	307474		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	7.687	0.20	7.5	0	102	80	120	0	0		
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Sample ID	LCS-9790	SampType:	LCS	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/27/2002	Run ID:	AA2_020727B
Client ID:	ZZZZZ	Batch ID:	9790	TestNo:	WET/ EPA 74 (WET)	Analysis Date:	7/27/2002	SeqNo:	307913		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	7.422	0.20	7.5	0	99	80	120	0	0		
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Sample ID	057948-012AMS	SampType:	MS	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/26/2002	Run ID:	AA2_020726F
Client ID:	ZZZZZ	Batch ID:	9792	TestNo:	WET/ EPA 74 (WET)	Analysis Date:	7/26/2002	SeqNo:	307061		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	33.04	0.80	20	13.4	98.2	80	120	0	0		
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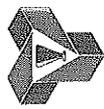
Sample ID	057948-048AMS	SampType:	MS	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/26/2002	Run ID:	AA2_020726F
Client ID:	ZZZZZ	Batch ID:	9792	TestNo:	WET/ EPA 74 (WET)	Analysis Date:	7/26/2002	SeqNo:	307074		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	74.97	2.0	50	22.91	104	80	120	0	0		
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Sample ID	057942-022AMS	SampType:	MS	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/26/2002	Run ID:	AA2_020726K
Client ID:	S114-1	Batch ID:	9791	TestNo:	WET/ EPA 74 (WET)	Analysis Date:	7/26/2002	SeqNo:	307459		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	33.98	0.80	20	13.82	101	80	120	0	0		
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**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      **Calculations are based on raw values**



CLIENT: Geocon Environmental  
Work Order: 057942  
Project: Rt 5 South, 09100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 7420\_ST

Sample ID	057942-034AMS	SampType:	MS	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/26/2002	Run ID:	AA2_020726K			
Client ID:	S118-S	Batch ID:	9791	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/26/2002	SeqNo:	307472			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 16.75 0.40 10 6.833 99.1 80 120 0 0

Sample ID	057941-006AMS	SampType:	MS	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/27/2002	Run ID:	AA2_020727B			
Client ID:	ZZZZZ	Batch ID:	9790	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/27/2002	SeqNo:	307898			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 62.75 1.6 40 26.6 90.4 80 120 0 0

Sample ID	057942-008AMS	SampType:	MS	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/27/2002	Run ID:	AA2_020727B			
Client ID:	S110-3	Batch ID:	9790	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/27/2002	SeqNo:	307911			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 34.06 0.80 20 15.64 92.1 80 120 0 0

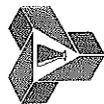
Sample ID	057948-012ADUP	SampType:	DUP	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020726F			
Client ID:	ZZZZZ	Batch ID:	9792	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/26/2002	SeqNo:	307060			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 13.47 0.40 0 0 0 0 0 0 13.4 0.486 30

Sample ID	057948-048ADUP	SampType:	DUP	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020726F			
Client ID:	ZZZZZ	Batch ID:	9792	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/26/2002	SeqNo:	307073			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 22.43 0.80 0 0 0 0 0 0 22.91 2.08 30

Qualifiers: ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



CLIENT: Geocon Environmental  
Work Order: 057942  
Project: Rt 5 South, 09100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 7420\_ST

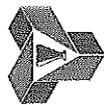
Sample ID	057942-022ADUP	SampType:	DUP	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020726K			
Client ID:	S114-1	Batch ID:	9791	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/26/2002	SeqNo:	307458			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead		14.58		0.40	0	0		0	0	0	13.82	5.38	30	

Sample ID	057942-034ADUP	SampType:	DUP	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020726K			
Client ID:	S118-S	Batch ID:	9791	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/26/2002	SeqNo:	307471			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead		7.738		0.20	0	0		0	0	0	6.833	12.4	30	

Sample ID	057941-006ADUP	SampType:	DUP	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020727B			
Client ID:	ZZZZZ	Batch ID:	9790	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/27/2002	SeqNo:	307897			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead		26.35		0.80	0	0		0	0	0	26.6	0.961	30	

Sample ID	057942-008ADUP	SampType:	DUP	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020727B			
Client ID:	S110-3	Batch ID:	9790	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/27/2002	SeqNo:	307910			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead		15.58		0.40	0	0		0	0	0	15.64	0.443	30	

Qualifiers: ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



Advanced Technology Laboratories

Date: 29-Jul-02

CLIENT: Geocon Environmental
Work Order: 057942
Project: Rt 5 South, 09100-06-49

ANALYTICAL QC SUMMARY REPORT

TestCode: 7420\_TC

Table with 13 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, Analysis Date, SeqNo, Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual. Row 1: MB-9853, MBLK, 7420\_TC, mg/L, 7/25/2002, AA2\_020726D, ZZZZZ, 9853, EPA 1311/ 74 (EPA 3010A), 7/26/2002, 306802, Lead, 0.05538, 0.20

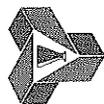
Table with 13 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, Analysis Date, SeqNo, Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual. Row 1: MB-9848-TCLP, MBLK, 7420\_TC, mg/L, 7/25/2002, AA2\_020726D, ZZZZZ, 9853, EPA 1311/ 74 (EPA 3010A), 7/26/2002, 306803, Lead, 0.0763, 0.20

Table with 13 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, Analysis Date, SeqNo, Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual. Row 1: LCS-9853, LCS, 7420\_TC, mg/L, 7/25/2002, AA2\_020726D, ZZZZZ, 9853, EPA 1311/ 74 (EPA 3010A), 7/26/2002, 306810, Lead, 1.157, 0.20, 1, 0, 116, 80, 120, 0, 0

Table with 13 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, Analysis Date, SeqNo, Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual. Row 1: 057942-017AMS, MS, 7420\_TC, mg/L, 7/25/2002, AA2\_020726D, S113-S, 9853, EPA 1311/ 74 (EPA 3010A), 7/26/2002, 306808, Lead, 5.563, 0.20, 2.5, 5.86, -11.9, 80, 120, 0, 0, S

Table with 13 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, Analysis Date, SeqNo, Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual. Row 1: 057942-017ADUP, DUP, 7420\_TC, mg/L, 7/25/2002, AA2\_020726D, S113-S, 9853, EPA 1311/ 74 (EPA 3010A), 7/26/2002, 306807, Lead, 6.433, 0.20, 0, 0, 0, 0, 0, 5.86, 9.31, 30

Qualifiers: ND - Not Detected at the Reporting Limit, S - Spike Recovery outside accepted recovery limits, DO - Surrogate dilute out, J - Analyte detected below quantitation limits, B - Analyte detected in the associated Method Blank, H - Sample exceeded holding time, R - RPD outside accepted recovery limits, Calculations are based on raw values



# Advanced Technology Laboratories

Date: 29-Jul-02

**CLIENT:** Geocon Environmental  
**Work Order:** 057942  
**Project:** Rt 5 South, 09100-06-49

## ANALYTICAL QC SUMMARY REPORT

**TestCode:** 7420\_DI

Sample ID <b>MB-9781</b>	SampType: <b>MBLK</b>	TestCode: <b>7420_DI</b>	Units: <b>mg/L</b>	Prep Date: <b>7/28/2002</b>	Run ID: <b>AA2_020728L</b>						
Client ID: <b>ZZZZZ</b>	Batch ID: <b>9781</b>	TestNo: <b>WET DI/ EPA (WET)</b>		Analysis Date: <b>7/28/2002</b>	SeqNo: <b>308554</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	0.08497	0.20									

Sample ID <b>MB-9781A</b>	SampType: <b>MBLK</b>	TestCode: <b>7420_DI</b>	Units: <b>mg/L</b>	Prep Date: <b>7/23/2002</b>	Run ID: <b>AA2_020728L</b>						
Client ID: <b>ZZZZZ</b>	Batch ID: <b>9781</b>	TestNo: <b>WET DI/ EPA (WET)</b>		Analysis Date: <b>7/28/2002</b>	SeqNo: <b>308555</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.20									

Sample ID <b>MB-9781B</b>	SampType: <b>MBLK</b>	TestCode: <b>7420_DI</b>	Units: <b>mg/L</b>	Prep Date: <b>7/23/2002</b>	Run ID: <b>AA2_020728L</b>						
Client ID: <b>ZZZZZ</b>	Batch ID: <b>9781</b>	TestNo: <b>WET DI/ EPA (WET)</b>		Analysis Date: <b>7/28/2002</b>	SeqNo: <b>308568</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.20									

Sample ID <b>MB-9782</b>	SampType: <b>MBLK</b>	TestCode: <b>7420_DI</b>	Units: <b>mg/L</b>	Prep Date: <b>7/28/2002</b>	Run ID: <b>AA2_020728M</b>						
Client ID: <b>ZZZZZ</b>	Batch ID: <b>9782</b>	TestNo: <b>WET DI/ EPA (WET)</b>		Analysis Date: <b>7/28/2002</b>	SeqNo: <b>308583</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.20									

Sample ID <b>MB-9782A</b>	SampType: <b>MBLK</b>	TestCode: <b>7420_DI</b>	Units: <b>mg/L</b>	Prep Date: <b>7/23/2002</b>	Run ID: <b>AA2_020728M</b>						
Client ID: <b>ZZZZZ</b>	Batch ID: <b>9782</b>	TestNo: <b>WET DI/ EPA (WET)</b>		Analysis Date: <b>7/28/2002</b>	SeqNo: <b>308584</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.20									

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO - Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



CLIENT: Geocon Environmental  
Work Order: 057942  
Project: Rt 5 South, 09100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 7420\_DI

Sample ID	MB-9782B	SampType:	MBLK	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020728M			
Client ID:	ZZZZZ	Batch ID:	9782	TestNo:	WET DI/ EPA (WET)			Analysis Date:	7/28/2002	SeqNo:	308597			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead		ND		0.20										
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Sample ID	LCS-9781	SampType:	LCS	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/28/2002	Run ID:	AA2_020728L			
Client ID:	ZZZZZ	Batch ID:	9781	TestNo:	WET DI/ EPA (WET)			Analysis Date:	7/28/2002	SeqNo:	308582			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead		7.49		0.20	7.5	0		99.9	80	120	0	0		
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Sample ID	LCS-9782	SampType:	LCS	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/28/2002	Run ID:	AA2_020728M			
Client ID:	ZZZZZ	Batch ID:	9782	TestNo:	WET DI/ EPA (WET)			Analysis Date:	7/28/2002	SeqNo:	308611			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead		7.444		0.20	7.5	0		99.3	80	120	0	0		
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Sample ID	057941-011AMS	SampType:	MS	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/28/2002	Run ID:	AA2_020728L			
Client ID:	ZZZZZ	Batch ID:	9781	TestNo:	WET DI/ EPA (WET)			Analysis Date:	7/28/2002	SeqNo:	308567			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead		6.296		0.20	5	1.277		100	80	120	0	0		
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Sample ID	057942-013AMS	SampType:	MS	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/28/2002	Run ID:	AA2_020728L			
Client ID:	S112-S	Batch ID:	9781	TestNo:	WET DI/ EPA (WET)			Analysis Date:	7/28/2002	SeqNo:	308580			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead		5.719		0.20	5	0.5237		104	80	120	0	0		
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**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO - Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



**CLIENT:** Geocon Environmental  
**Work Order:** 057942  
**Project:** Rt 5 South, 09100-06-49

### ANALYTICAL QC SUMMARY REPORT

**TestCode:** 7420\_DI

Sample ID	057942-026AMS	SampType:	MS	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/28/2002	Run ID:	AA2_020728M			
Client ID:	S115-1	Batch ID:	9782	TestNo:	WET DI/ EPA (WET)			Analysis Date:	7/28/2002	SeqNo:	308596			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead		5.233		0.20	5	0		105	80	120	0		0	
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Sample ID	057942-040AMS	SampType:	MS	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/28/2002	Run ID:	AA2_020728M			
Client ID:	S120-S	Batch ID:	9782	TestNo:	WET DI/ EPA (WET)			Analysis Date:	7/28/2002	SeqNo:	308609			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead		5.246		0.20	5	0.071		104	80	120	0		0	
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Sample ID	057941-011ADUP	SampType:	DUP	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020728L			
Client ID:	ZZZZZ	Batch ID:	9781	TestNo:	WET DI/ EPA (WET)			Analysis Date:	7/28/2002	SeqNo:	308566			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead		1.094		0.20	0	0		0	0	0	1.277		15.4	30
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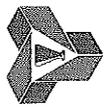
Sample ID	057942-013ADUP	SampType:	DUP	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020728L			
Client ID:	S112-S	Batch ID:	9781	TestNo:	WET DI/ EPA (WET)			Analysis Date:	7/28/2002	SeqNo:	308579			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead		0.6276		0.20	0	0		0	0	0	0.5237		18.0	30
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Sample ID	057942-026ADUP	SampType:	DUP	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020728M			
Client ID:	S115-1	Batch ID:	9782	TestNo:	WET DI/ EPA (WET)			Analysis Date:	7/28/2002	SeqNo:	308595			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead		ND		0.20	0	0		0	0	0	0		0	30
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**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO - Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



**CLIENT:** Geocon Environmental  
**Work Order:** 057942  
**Project:** Rt 5 South, 09100-06-49

### ANALYTICAL QC SUMMARY REPORT

**TestCode:** 7420\_DI

Sample ID: <b>057942-040ADUP</b>	SampType: <b>DUP</b>	TestCode: <b>7420_DI</b>	Units: <b>mg/L</b>	Prep Date: <b>7/23/2002</b>	Run ID: <b>AA2_020728M</b>						
Client ID: <b>S120-S</b>	Batch ID: <b>9782</b>	TestNo: <b>WET DI/ EPA (WET)</b>	Analysis Date: <b>7/28/2002</b>	SeqNo: <b>308608</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	0.1694	0.20	0	0	0	0	0	0.071	0	30	J

**Qualifiers:** ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
R - RPD outside accepted recovery limits

S - Spike Recovery outside accepted recovery limits  
B - Analyte detected in the associated Method Blank  
Calculations are based on raw values

DO- Surrogate dilute out  
H - Sample exceeded holding time

All samples → total lead (6010)

total lead > 50 mg/kg → WET-Citric

WET-CITRIC > 5 mg/L → WET-DI

Total lead > 1,000 mg/kg → TCLP

10% → soil pH (9045)

Please call when all totals have been run. I will instruct what samples should be run for Title 22 metals.

Thanks - Chris King

REVISIONS  
BY \_\_\_\_\_ DATE \_\_\_\_\_  
BY \_\_\_\_\_ DATE \_\_\_\_\_

BY \_\_\_\_\_ DATE \_\_\_\_\_  
CHECKED BY \_\_\_\_\_

**Diane**

---

**From:** Chris King [king@geoconinc.com]  
**Sent:** Monday, July 22, 2002 10:57 AM  
**To:** 'Diane'  
**Subject:** 09100-06-49

Diane - please run the 15 samples with the highest total lead content for Title 22 metals. Please do this for each direction (northbound and southbound), so the total number of tests will be 30. Thank you and please call me if you have any questions.

Christopher S. King  
Senior Staff Engineer  
Geocon Consultants, Inc.

7/22/2002

July 18, 2002

Chris King  
Geocon Environmental  
6970 Flanders Drive  
San Diego, CA 92121  
TEL: (858) 558-6100  
FAX: (858) 558-8437

RE: Rte 5-SB, 09100-06-49

Attention: Chris King

ELAP No.: 1838

NELAP No.: 02107CA

Workorder No.: 057872

Enclosed are the results for sample(s) received on July 10, 2002 by Advanced Technology Laboratories and tested for the parameters indicated in the enclosed chain of custody.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (562)989-4045 if I can be of further assistance to your company.

Sincerely,



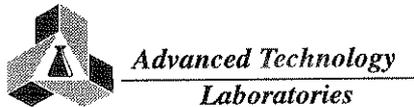
Eddie F. Rodriguez  
Laboratory Director

AUG 02 2002

This cover letter is an integral part of this analytical report.



# CHAIN OF CUSTODY RECORD



3275 Walnut Avenue  
Signal Hill, CA 90807  
(562) 989-4045 • FAX (562) 989-4040

## FOR LABORATORY USE ONLY:

P.O.#: _____	Method of Transport Walk-in <input type="checkbox"/> Courier <input type="checkbox"/> UPS <input type="checkbox"/> FED. EXP. <input type="checkbox"/> ATL <input checked="" type="checkbox"/>	Sample Condition Upon Receipt 1. CHILLED Y <input type="checkbox"/> N <input type="checkbox"/> 4. SEALED Y <input type="checkbox"/> N <input checked="" type="checkbox"/> 2. HEADSPACE (VOA) Y <input type="checkbox"/> N <input type="checkbox"/> 5. # OF SPLS MATCH COC Y <input checked="" type="checkbox"/> N <input type="checkbox"/> 3. CONTAINER INTACT Y <input checked="" type="checkbox"/> N <input type="checkbox"/> 6. PRESERVED Y <input type="checkbox"/> N <input type="checkbox"/>
Logged By: <u>[Signature]</u>	Date: <u>7/10/02</u> Time: _____	

Client: <b>GEOCON ENVIRONMENTAL - SAN DIEGO</b>	Address: 6970 Flanders Drive	TEL: ( 858 ) 558-6100
Attn: <u>CHRIS KING</u>	City: San Diego State: CA Zip Code: 92121	FAX: ( 858 ) 558-8437

Project Name: <u>PE5-SB</u>	Project #: <u>09100-06-49</u>	Sampler: <u>[Signature]</u>	(Printed Name) _____
Relinquished by: <u>[Signature]</u>	Date: <u>7/10/02</u> Time: <u>7:00</u>	Received by: <u>[Signature]</u>	Date: <u>7-10-02</u> Time: <u>7:00</u>
Relinquished by: <u>[Signature]</u>	Date: <u>7-10-02</u> Time: <u>7:35</u>	Received by: <u>[Signature]</u>	Date: <u>7/10/02</u> Time: <u>7:35</u>
Relinquished by: _____	Date: _____ Time: _____	Received by: _____	Date: _____ Time: _____

I hereby authorize ATL to perform the work indicated below: Project Mgr /Submitter: <u>[Signature]</u> <u>7/10/02</u> Print Name Date	Send Report To: Attn: _____ Co: <u>Client</u> Address _____ City _____ State _____ Zip _____	Bill To: Attn: _____ Co: <u>Client</u> Address _____ City _____ State _____ Zip _____	Special Instructions/Comments: <u>Attached</u> <u>See [Signature]</u>
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Unless otherwise requested, all samples will be disposed 45 days after receipt.

Sample Archive/Disposal:  
 Laboratory Standard  
 Other \_\_\_\_\_  
 Return To: \_\_\_\_\_

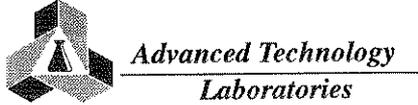
\* \$10.00 FEE PER HAZARDOUS SAMPLE DISPOSAL.

Circle or Add Analysis(es) Requested 8091 / 8092 (Pesticides/PCB/OC) 8290 (Volatiles/GC/MS) 833 / 8270 (BVA-GC/MS) Metals: Total (CAC-8010 / 7000) 8015M TPH/G/TEXT (COMBINATION) 8015M TPH/D (Diesel/GC)	CIRCLE APPROPRIATE MATRIX SOLID / SOIL / SLUDGE OIL / SOLVENT / LIQUID WATER / WASTEWATER DRINKING WATER AIR WIPE / FILTER OTHER	PRESERVATION RTNE <input type="checkbox"/> RWQCB <input type="checkbox"/> WIP <input type="checkbox"/> NAVY <input type="checkbox"/> CT <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>
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ITEM	LAB USE ONLY:		Sample Description				Container(s)	TAT	#	Type	REMARKS
	Batch #:	Lab No.	Sample I.D.	Date	Time						
		057892-001	S-13-5	7/10	956					E 156	
		2	S13-1		1000						
		3	S13-2		1004						
		4	S13-3		1008						
		5	S14-5		1018						
		6	S14-1		1020						
		7	S14-2		1022						
		8	S14-3		1024						
		9	S15-5		1036						
		10	S15-1		1040						

• TAT starts 8 a.m. following day if samples received after 5 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 <sub>3</sub> S=H <sub>2</sub> SO <sub>4</sub> C=4°C Z=Zn(AC) <sub>2</sub> O=NaOH T=Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub>
Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal						

# CHAIN OF CUSTODY RECORD



3275 Walnut Avenue  
Signal Hill, CA 90807  
(562) 989-4045 • FAX (562) 989-4040

## FOR LABORATORY USE ONLY:

P.O.#: _____	Method of Transport Walk-in <input type="checkbox"/> Courier <input type="checkbox"/> UPS <input type="checkbox"/> FED. EXP. <input type="checkbox"/> ATL <input checked="" type="checkbox"/>	Sample Condition Upon Receipt 1. CHILLED <input type="checkbox"/> N <input type="checkbox"/> 4. SEALED <input type="checkbox"/> N <input checked="" type="checkbox"/> 2. HEADSPACE (VOA) <input type="checkbox"/> N <input type="checkbox"/> 5. # OF SPLS MATCH COC <input checked="" type="checkbox"/> N <input type="checkbox"/> 3. CONTAINER INTACT <input checked="" type="checkbox"/> N <input type="checkbox"/> 6. PRESERVED <input type="checkbox"/> N <input type="checkbox"/>
Logged By: <u>[Signature]</u>	Date: <u>7/11/02</u> Time: _____	

Client: <b>GEOCON ENVIRONMENTAL - SAN DIEGO</b>	Address: 6970 Flanders Drive	TEL: ( 858 ) 558-6100
Attn: <u>CHRIS KING</u>	City: San Diego State: CA Zip Code: 92121	FAX: ( 858 ) 558-8437

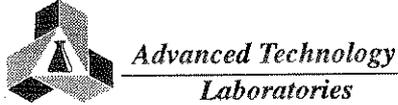
Project Name: <u>St 5-SB</u>	Project #: <u>09100-06-49</u>	Sampler: <u>CSC/GRA</u>	(Signature) _____
Relinquished by: <u>[Signature]</u> Date: <u>7/9/02</u> Time: <u>2:00p</u>	Received by: <u>[Signature]</u> Date: <u>7-10-02</u> Time: <u>7:00p</u>		
Relinquished by: <u>[Signature]</u> Date: <u>7-10-02</u> Time: <u>7:35p</u>	Received by: <u>[Signature]</u> Date: <u>7/10/02</u> Time: <u>7:35p</u>		
Relinquished by: _____ Date: _____ Time: _____	Received by: _____ Date: _____ Time: _____		

I hereby authorize ATL to perform the work indicated below: Project Mgr /Submitter: <u>[Signature]</u> <u>7/9/02</u> Date	Send Report To: Attn: _____ Co: <u>[Signature]</u> Address _____ City _____ State _____ Zip _____	Bill To: Attn: _____ Co: <u>[Signature]</u> Address _____ City _____ State _____ Zip _____	Special Instructions/Comments: <u>See page 1</u>
--	---	--	---

Unless otherwise requested, all samples will be disposed 45 days after receipt.	Sample Archive/Disposal: <input type="checkbox"/> Laboratory Standard <input type="checkbox"/> Other _____ <input type="checkbox"/> Return To: _____ * \$10.00 FEE PER HAZARDOUS SAMPLE DISPOSAL.	Circle or Add Analysis(es) Requested 8081 / 8082 (Pesticides/PCB-GC) 8230 (Volatile-GC/MS) 8231 / 8270 (BVA-GC/MS) Metals Total (CAC-8070 / 7000) 8015M TPHGBTEX (COMBINATION) 8015M TPHVD (Diesel/GC) <u>Lead 100/5010</u>	CIRCLE APPROPRIATE MATRIX SOLID • POW • SLUDGE OIL • SOLVENT • LIQUID WATER • WASTEWATER DRINKING WATER AIR WIPE • FILTER OTHER _____ TAT # _____ Type _____	PRESERVATION RTNE <input type="checkbox"/> RWQCB <input type="checkbox"/> WIP <input type="checkbox"/> NAVY <input type="checkbox"/> CT <input checked="" type="checkbox"/> OTHER _____	QA/QC REMARKS
I T E M LAB USE ONLY: Batch #: Lab No.	Sample Description Sample I.D.	Date Time	Container(s) # Type		
11	S15-2	7/9	1046	E	156
12	S15-3		1052		
13	S16-5		1035		
14	S16-1		1045		
15	S16-2		1051		
16	S16-3		1055		
17	S17-5		1125		
18	S17-1		1131		
19	S17-2		1138		
20	S17-3		1144		

• TAT starts 8 a.m. following day if samples received after 5 p.m.	TAT: A= <input type="checkbox"/> Overnight ≤ 24 hr	B= <input type="checkbox"/> Emergency Next workday	C= <input type="checkbox"/> Critical 2 Workdays	D= <input type="checkbox"/> Urgent 3 Workdays	E= <input type="checkbox"/> Routine 7 Workdays	Preservatives: H=HCl N=HNO <sub>3</sub> S=H <sub>2</sub> SO <sub>4</sub> C=4°C Z=Zn(AC) <sub>2</sub> O=NaOH T=Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub>
Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal						

# CHAIN OF CUSTODY RECORD



3275 Walnut Avenue  
Signal Hill, CA 90807  
(562) 989-4045 • FAX (562) 989-4040

## FOR LABORATORY USE ONLY:

P.O.#: \_\_\_\_\_

Logged By: [Signature] Date: 7/10/02 Time: \_\_\_\_\_

### Method of Transport

- Walk-in
- Courier
- UPS
- FED. EXP.
- ATL

### 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 ENVIRONMENTAL - SAN DIEGO**

Address: 6970 Flanders Drive

TEL: ( 858 ) 558-6100

Attn: CHRIS KING

City San Diego

State CA

Zip Code 92121

FAX: ( 858 ) 558-8437

Project Name: 265-SB

Project #: 09100-06-49

Sampler: \_\_\_\_\_ (Printed Name)

CSK/GCA (Signature)

Relinquished by: \_\_\_\_\_ (Signature and Printed Name)

Date: 7/10/02

Time: 7:00p

Received by: \_\_\_\_\_ (Signature and Printed Name)

Date: 7/10/02

Time: 7:00p

Relinquished by: \_\_\_\_\_ (Signature and Printed Name)

Date: 7-12-02

Time: 7:35p

Received by: \_\_\_\_\_ (Signature and Printed Name)

Date: 7/10/02

Time: 7:35p

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:

Send Report To:

Bill To:

Special Instructions/Comments:

Project Mgr /Submitter:

Attn: Chris

Attn: Chris

CSK 7/10/02  
Print Name Date

Co: \_\_\_\_\_  
Address \_\_\_\_\_  
City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Co: \_\_\_\_\_  
Address \_\_\_\_\_  
City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Unless otherwise requested, all samples will be disposed 45 days after receipt.

Sample Archive/Disposal:  
 Laboratory Standard  
 Other \_\_\_\_\_  
 Return To: \_\_\_\_\_  
\* \$10.00 FEE PER HAZARDOUS SAMPLE DISPOSAL.

Circle or Add Analysis(es) Requested 8091 / 8092 (Pesticides/PCB-GC) 8250 (Volatiles-GC/MS) 8251 / 8270 (BVA-GC/MS) Metals Total (CAC-8010 / 7000) 8015M TPH/GBTEX (COMBINATION) 8015M TPH/D (Diesel-GC) <u>10/12/02 6:00p</u>	CIRCLE APPROPRIATE MATRIX SOLID (SOIL) • SLUDGE OIL • SOLVENT • LIQUID WATER • WASTEWATER DRINKING WATER AIR WIPE • FILTER OTHER TAT	Container(s) # Type	PRESERVATION RTNE <input type="checkbox"/> RWQCB <input type="checkbox"/> WIP <input type="checkbox"/> NAVY <input type="checkbox"/> CT <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>	QA/QC REMARKS
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ITEM	LAB USE ONLY:		Sample Description			
	Batch #:	Lab No.	Sample I.D.	Date	Time	
		21	S18-S	7/10	1141	
		22	S18-1		1144	
		23	S18-2		1158	
		24	S18-3		1204	
		25	S19-35		1144	
		26	S19-1		1158	
		27	S19-2		1200	
		28	S19-3		1205	
		29	S20-5		1210	
		30	S20-1		1215	

• TAT starts 8 a.m. following day if samples received after 5 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<sub>3</sub> S=H<sub>2</sub>SO<sub>4</sub> C=4°C    Z=Zn(AC)<sub>2</sub> O=NaOH T=Na<sub>2</sub>S<sub>2</sub>O<sub>3</sub>

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal



# CHAIN OF CUSTODY RECORD



**Advanced Technology  
Laboratories**

3275 Walnut Avenue  
Signal Hill, CA 90807  
(562) 989-4045 • FAX (562) 989-4040

## FOR LABORATORY USE ONLY:

P.O.#: _____	Method of Transport Walk-in <input type="checkbox"/> Courier <input type="checkbox"/> UPS <input type="checkbox"/> FED. EXP. <input type="checkbox"/> ATL <input checked="" type="checkbox"/>	Sample Condition Upon Receipt 1. CHILLED Y <input type="checkbox"/> N <input checked="" type="checkbox"/> 4. SEALED Y <input type="checkbox"/> N <input checked="" type="checkbox"/> 2. HEADSPACE (VOA) Y <input type="checkbox"/> N <input checked="" type="checkbox"/> 5. # OF SPLS MATCH COC Y <input type="checkbox"/> N <input checked="" type="checkbox"/> 3. CONTAINER INTACT Y <input checked="" type="checkbox"/> N <input type="checkbox"/> 6. PRESERVED Y <input type="checkbox"/> N <input type="checkbox"/>
Logged By: <u>[Signature]</u>	Date: <u>7/10/02</u> Time: _____	

Client: <b>GEOCON ENVIRONMENTAL - SAN DIEGO</b>	Address: 6970 Flanders Drive	TEL: ( 858 ) 558-6100
Attn: <u>CHRIS KING</u>	City San Diego State CA Zip Code 92121	FAX: ( 858 ) 558-8437

Project Name: <u>Pte 5-SB</u>	Project #: <u>09100-06-49</u>	Sampler: <u>CSK/GCA</u> (Printed Name)	(Signature) <u>[Signature]</u>
Relinquished by: <u>[Signature]</u> (Signature and Printed Name)	Date: <u>7/10/02</u> Time: <u>2:00P</u>	Received by: <u>[Signature]</u> (Signature and Printed Name)	Date: <u>7-10-02</u> Time: <u>7:00P</u>
Relinquished by: <u>[Signature]</u> (Signature and Printed Name)	Date: <u>7-10-02</u> Time: <u>7:35P</u>	Received by: <u>[Signature]</u> (Signature and Printed Name)	Date: <u>7/10/02</u> Time: <u>7:35P</u>
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: <u>[Signature]</u> <u>7/10/02</u> Print Name _____ Date _____ Signature _____	Send Report To: Attn: _____ Co: <u>Client</u> Address _____ City _____ State _____ Zip _____	Bill To: Attn: _____ Co: <u>Client</u> Address _____ City _____ State _____ Zip _____	Special Instructions/Comments: <u>See Page 1</u>
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Unless otherwise requested, all samples will be disposed 45 days after receipt.

Sample Archive/Disposal:  
 Laboratory Standard  
 Other \_\_\_\_\_  
 Return To: \_\_\_\_\_

\* \$10.00 FEE PER HAZARDOUS SAMPLE DISPOSAL.

Circle or Add Analysis(es) Requested 8081 / 8082 (Pesticides/PCR-GC) 8260 (Nolates-GC/MS) 8251 / 8270 (BNA-GC/MS) Metals Total (CAC-6010 / 7000) 8015M TPH(G)/BTEX (COMBINATION) 8015M TPHID (Diesel-GC) <u>Total Lead 6010</u>	CIRCLE APPROPRIATE MATRIX SOLID • SOIL • SLUDGE OIL • SOLVENT • LIQUID WATER • WASTEWATER DRINKING WATER AIR WIPE • FILTER OTHER _____	QA/QC RTNE <input type="checkbox"/> RWQCB <input type="checkbox"/> WIP <input type="checkbox"/> NAVY <input type="checkbox"/> CT <input checked="" type="checkbox"/> OTHER _____
--	---	--

ITEM	LAB USE ONLY:		Sample Description				TAT	#	Type	REMARKS
	Batch #:	Lab No.	Sample I.D.	Date	Time	Container(s)				
		41	523-5	7/10/02	1151		1	56		
		42	523-1		1156					
		43	523-2		1200					
		44	523-3		1205					
		45	524-5		1226					
		46	524-1		1232					
		47	524-2		1238					
		48	524-3		1243					
		49	525-5		1251					
		50	525-1		1256					

• TAT starts 8 a.m. following day if samples received after 5 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<sub>3</sub> S=H<sub>2</sub>SO<sub>4</sub> C=4°C    Z=Zn(AC)<sub>2</sub> O=NaOH T=Na<sub>2</sub>S<sub>2</sub>O<sub>8</sub>

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

# CHAIN OF CUSTODY RECORD



3275 Walnut Avenue  
Signal Hill, CA 90807  
(562) 989-4045 • FAX (562) 989-4040

## FOR LABORATORY USE ONLY:

P.O.#: _____	Method of Transport: Walk-in <input type="checkbox"/> Courier <input type="checkbox"/> UPS <input type="checkbox"/> FED. EXP. <input type="checkbox"/> ATL <input checked="" type="checkbox"/>	Sample Condition Upon Receipt: 1. CHILLED Y <input type="checkbox"/> N <input type="checkbox"/> 4. SEALED Y <input type="checkbox"/> N <input checked="" type="checkbox"/> 2. HEADSPACE (VOA) Y <input type="checkbox"/> N <input type="checkbox"/> 5. # OF SPLS MATCH COC Y <input checked="" type="checkbox"/> N <input type="checkbox"/> 3. CONTAINER INTACT Y <input checked="" type="checkbox"/> N <input type="checkbox"/> 6. PRESERVED Y <input type="checkbox"/> N <input type="checkbox"/>
Logged By: <u>[Signature]</u>	Date: <u>7/10/02</u>	

Client: <b>GEOCON ENVIRONMENTAL - SAN DIEGO</b>	Address: 6970 Flanders Drive	TEL: ( 858 ) 558-6100
Attn: <u>CHRIS KING</u>	City: San Diego State: CA Zip Code: 92121	FAX: ( 858 ) 558-8437

Project Name: <u>Rte 5 - SB</u>	Project #: <u>09100-06-49</u>	Sampler: <u>CSK</u> (Printed Name)	(Signature)
Relinquished by: <u>[Signature]</u> (Signature and Printed Name)	Date: <u>7/10/02</u>	Time: <u>7:00P</u>	Received by: <u>[Signature]</u> (Signature and Printed Name)
Relinquished by: <u>[Signature]</u> (Signature and Printed Name)	Date: <u>7-10-02</u>	Time: <u>7:35P</u>	Received by: <u>[Signature]</u> (Signature and Printed Name)
Relinquished by: <u>[Signature]</u> (Signature and Printed Name)	Date: _____	Time: _____	Received by: <u>[Signature]</u> (Signature and Printed Name)

I hereby authorize ATL to perform the work indicated below: Project Mgr /Submitter: <u>[Signature]</u> <u>7/10/02</u> Print Name Date	Send Report To: Attn: _____ Co: <u>Client</u> Address _____ City _____ State _____ Zip _____	Bill To: Attn: _____ Co: <u>Client</u> Address _____ City _____ State _____ Zip _____	Special Instructions/Comments: <u>See Page 1</u>
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Unless otherwise requested, all samples will be disposed 45 days after receipt.

Sample Archive/Disposal:  
 Laboratory Standard  
 Other  
 Return To: \_\_\_\_\_

\* \$10.00 FEE PER HAZARDOUS SAMPLE DISPOSAL.

Circle or Add Analysis(es) Requested: 8081 / 8082 (Pesticides/PCB-GC) 8280 (Volatiles-GCMS) 625 / 8270 (BNA-GCMS) Metals-Total (CAC-8010 / 7000) 8015M TPH(G)TEX (COMBINATION) 8015M TPH(D)Diesel-GC <u>4014 / 4016 / 6010</u>	CIRCLE APPROPRIATE MATRIX: SOLID SOIL • SLUDGE OIL • SOLVENT • LIQUID WATER • WASTEWATER DRINKING WATER AIR WIPE • FILTER OTHER _____	Container(s) # _____ Type _____	PRESERVATION: RTNE <input type="checkbox"/> RWQCB <input type="checkbox"/> WIP <input type="checkbox"/> NAVY <input type="checkbox"/> CT <input checked="" type="checkbox"/> OTHER _____
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I T E M	LAB USE ONLY:		Sample Description				TAT	#	Type	REMARKS
	Batch #:	Lab No.	Sample I.D.	Date	Time	Container(s)				
		51	S25-2	7/10/02	12:38					
		52	S25-3		12:52					
		53	S26-5		12:46					
		54	S26-1		12:51					
		55	S26-2		12:55					
		56	S26-3		1:00					
		57	S27-5		1:03					
		58	S27-1		1:08					
		59	S27-2		1:09					
		60	S27-3		1:10					

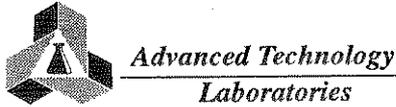
• TAT starts 8 a.m. following day if samples received after 5 p.m.

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<sub>3</sub> S=H<sub>2</sub>SO<sub>4</sub> C=4°C  
Z=Zn(AC)<sub>2</sub> O=NaOH T=Na<sub>2</sub>S<sub>2</sub>O<sub>8</sub>

# CHAIN OF CUSTODY RECORD



3275 Walnut Avenue  
Signal Hill, CA 90807  
(562) 989-4045 • FAX (562) 989-4040

## FOR LABORATORY USE ONLY:

P.O.#: _____	Method of Transport Walk-in <input type="checkbox"/> Courier <input type="checkbox"/> UPS <input type="checkbox"/> FED. EXP. <input type="checkbox"/> ATL <input checked="" type="checkbox"/>	Sample Condition Upon Receipt 1. CHILLED Y <input type="checkbox"/> N <input type="checkbox"/> 4. SEALED Y <input type="checkbox"/> N <input checked="" type="checkbox"/> 2. HEADSPACE (VOA) Y <input type="checkbox"/> N <input type="checkbox"/> 5. # OF SPLS MATCH COC Y <input checked="" type="checkbox"/> N <input type="checkbox"/> 3. CONTAINER INTACT Y <input type="checkbox"/> N <input checked="" type="checkbox"/> 6. PRESERVED Y <input type="checkbox"/> N <input type="checkbox"/>
Logged By: <u>[Signature]</u>	Date: <u>7/10/02</u> Time: _____	

Client: <b>GEOCON ENVIRONMENTAL - SAN DIEGO</b>	Address: 6970 Flanders Drive	TEL: ( 858 ) 558-6100
Attn: <u>CHRIS KING</u>	City: San Diego State: CA Zip Code: 92121	FAX: ( 858 ) 558-8437

Project Name: <u>ptc-5-SB</u>	Project #: <u>09100-06-49</u>	Sampler: (Printed Name) <u>CSK/GCA</u> (Signature) <u>[Signature]</u>	
Relinquished by: (Signature and Printed Name) <u>[Signature]</u> <u>S. King</u>	Date: <u>7/10/02</u> Time: <u>7:00p</u>	Received by: (Signature and Printed Name) <u>[Signature]</u>	Date: <u>7-10-02</u> Time: <u>7:00p</u>
Relinquished by: (Signature and Printed Name) <u>[Signature]</u>	Date: <u>7-10-02</u> Time: <u>7:27p</u>	Received by: (Signature and Printed Name) <u>[Signature]</u>	Date: <u>7/10/02</u> Time: <u>9:35p</u>
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: <u>CSK</u> <u>7/10/02</u> Print Name Date <u>[Signature]</u> Signature	Send Report To: Attn: _____ Co: <u>Chart</u> Address _____ City _____ State _____ Zip _____	Bill To: Attn: _____ Co: <u>Chart</u> Address _____ City _____ State _____ Zip _____	Special Instructions/Comments: <u>See Page 1</u>
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Unless otherwise requested, all samples will be disposed 45 days after receipt.	Sample Archive/Disposal: <input type="checkbox"/> Laboratory Standard <input type="checkbox"/> Other _____ <input type="checkbox"/> Return To: _____ * \$10.00 FEE PER HAZARDOUS SAMPLE DISPOSAL.
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Circle or Add Analysis(es) Requested <u>8981 / 8982 (Pesticides) PCB-GC</u> <u>8950 (Volatiles) GC/MS</u> <u>8951 / 8970 (BVA) GC/MS</u> <u>Metals Total (CAC-6010 / 7000)</u> <u>8915M TPH-G/ETEX (COMBINATION)</u> <u>8915M TPH-D (Diesel) GC</u> <u>A Total Test 600</u>	CIRCLE APPROPRIATE MATRIX SOLID • SOIL • SLUDGE OIL • SOLVENT • LIQUID WATER • WASTEWATER DRINKING WATER AIR WIFE • FILTER OTHER TAT # Type	PRESERVATION RTNE <input type="checkbox"/> RWQCB <input type="checkbox"/> WIP <input type="checkbox"/> NAVY <input type="checkbox"/> CT <input checked="" type="checkbox"/> OTHER _____
--	---	---

ITEM	LAB USE ONLY:		Sample Description				Analysis	Matrix	TAT	#	Type	REMARKS	
	Batch #:	Lab No.	Sample I.D.	Date	Time	Container(s)							
			61	S28-S		7/10	1:10				1	56	
			62	S28-1			1:15						
			63	S28-2			1:21						
			64	S28-3			1:26						
			65	S29-5			1:13						
			66	S29-1			1:19						
			67	S29-2			1:24						
			68	S29-3			1:29						
			69	S30-5			1:33						
			70	S30-1			1:37						

• TAT starts 8 a.m. following day if samples received after 5 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 <sub>3</sub> S=H <sub>2</sub> SO <sub>4</sub> C=4°C Z=Zn(AC) <sub>2</sub> O=NaOH T=Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub>
Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal						

# CHAIN OF CUSTODY RECORD



**Advanced Technology  
Laboratories**

3275 Walnut Avenue  
Signal Hill, CA 90807  
(562) 989-4045 • FAX (562) 989-4040

**FOR LABORATORY USE ONLY:**

P.O.#: _____	Method of Transport: Walk-in <input type="checkbox"/> Courier <input type="checkbox"/> UPS <input type="checkbox"/> FED. EXP. <input type="checkbox"/> ATL <input checked="" type="checkbox"/>	Sample Condition Upon Receipt: 1. CHILLED Y <input type="checkbox"/> N <input type="checkbox"/> 4. SEALED Y <input type="checkbox"/> N <input checked="" type="checkbox"/> 2. HEADSPACE (VOA) Y <input type="checkbox"/> N <input type="checkbox"/> 5. # OF SPLS MATCH COC Y <input type="checkbox"/> N <input checked="" type="checkbox"/> 3. CONTAINER INTACT Y <input type="checkbox"/> N <input checked="" type="checkbox"/> 6. PRESERVED Y <input type="checkbox"/> N <input type="checkbox"/>
Logged By: <u>MM</u> Date: <u>7/10/02</u> Time: _____		

Client: <b>GEOCON ENVIRONMENTAL - SAN DIEGO</b>	Address: 6970 Flanders Drive	TEL: ( 858 ) 558-6100
Attn: <u>CHRIS KING</u>	City: San Diego State: CA Zip Code: 92121	FAX: ( 858 ) 558-8437

Project Name: <u>RT-5-SB</u>	Project #: <u>09100-0649</u>	Sampler: <u>CSK/GCA</u>	(Signature) _____
Relinquished by: _____	Date: <u>7/10/02</u> Time: <u>7:00P</u>	Received by: _____	Date: <u>7-10-02</u> Time: <u>7:00P</u>
Relinquished by: _____	Date: <u>7-10-02</u> Time: <u>7:35P</u>	Received by: _____	Date: <u>7/10/02</u> Time: <u>7:35P</u>
Relinquished by: _____	Date: _____ Time: _____	Received by: _____	Date: _____ Time: _____

I hereby authorize ATL to perform the work indicated below: Project Mgr /Submitter: <u>CSK</u> <u>7/10/02</u> Print Name Date Signature	Send Report To: Attn: _____ Co: <u>Client</u> Address _____ City _____ State _____ Zip _____	Bill To: Attn: _____ Co: <u>Client</u> Address _____ City _____ State _____ Zip _____	Special Instructions/Comments: <u>See Page 1</u>
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Unless otherwise requested, all samples will be disposed 45 days after receipt.	Sample Archive/Disposal: <input type="checkbox"/> Laboratory Standard <input type="checkbox"/> Other _____ <input type="checkbox"/> Return To: _____ * \$10.00 FEE PER HAZARDOUS SAMPLE DISPOSAL.	Circle or Add Analysis(es) Requested: <u>8091 / 8092 (Pesticides) (PCA-CC)</u> <u>8280 (Volatiles) (GC/MS)</u> <u>625 / 8270 (BVA-GC/MS)</u> <u>Metals Total (CAC-8010 / 7000)</u> <u>8015M TPH(BTEX) (COMBINATION)</u> <u>8015M TPH(Diesel) (GC)</u> <u>Total Lead 6010</u>
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ITEM	LAB USE ONLY:		Sample Description				CIRCLE APPROPRIATE MATRIX										PRESERVATION	REMARKS					
	Batch #:	Lab No.	Sample I.D.	Date	Time	8091 / 8092 (Pesticides) (PCA-CC)	8280 (Volatiles) (GC/MS)	625 / 8270 (BVA-GC/MS)	Metals Total (CAC-8010 / 7000)	8015M TPH(BTEX) (COMBINATION)	8015M TPH(Diesel) (GC)	SOLID (SOB) • SLUDGE	OIL • SOLVENT • LIQUID	WATER • WASTEWATER	DRINKING WATER	AIR			WIPE • FILTER	OTHER	TAT	Container(s) #	Type
		71	S30-2	7/10	130						X											156	
		72	S30-3		140																		
		73	S31-5		136																		
		74	S31-1		140																		
		75	S31-2		143																		
		76	S31-3		148																		
		77	S32-5		146																		
		78	S32-1		150																		
		79	S32-2		155																		
		80	S32-3		2:00																		

• TAT starts 8 a.m. following day if samples received after 5 p.m.	TAT: A= <u>Overnight</u> ≤ 24 hr	B= <u>Emergency</u> Next workday	C= <u>Critical</u> 2 Workdays	D= <u>Urgent</u> 3 Workdays	E= <u>Routine</u> 7 Workdays	Preservatives: H=HCl N=HNO <sub>3</sub> S=H <sub>2</sub> SO <sub>4</sub> C=4°C Z=Zn(Ac) <sub>2</sub> O=NaOH T=Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub>
Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal						

# CHAIN OF CUSTODY RECORD



**Advanced Technology  
Laboratories**

3275 Walnut Avenue  
Signal Hill, CA 90807  
(562) 989-4045 • FAX (562) 989-4040

## FOR LABORATORY USE ONLY:

P.O.#: _____	Method of Transport: Walk-in <input type="checkbox"/> Courier <input type="checkbox"/> UPS <input type="checkbox"/> FED. EXP. <input type="checkbox"/> ATL <input checked="" type="checkbox"/>	Sample Condition Upon Receipt: 1. CHILLED Y <input type="checkbox"/> N <input type="checkbox"/> 4. SEALED Y <input type="checkbox"/> N <input checked="" type="checkbox"/> 2. HEADSPACE (VOA) Y <input type="checkbox"/> N <input type="checkbox"/> 5. # OF SPLS MATCH COC Y <input checked="" type="checkbox"/> N <input type="checkbox"/> 3. CONTAINER INTACT Y <input checked="" type="checkbox"/> N <input type="checkbox"/> 6. PRESERVED Y <input type="checkbox"/> N <input type="checkbox"/>
Logged By: <u>[Signature]</u>	Date: <u>9/10/02</u> Time: _____	

Client: <b>GEOCON ENVIRONMENTAL - SAN DIEGO</b>	Address: 6970 Flanders Drive	TEL: ( 858 ) 558-6100
Attn: <u>CHRIS KING</u>	City: San Diego State: CA Zip Code: 92121	FAX: ( 858 ) 558-8437

Project Name: <u>Rte 5-SB</u>	Project #: <u>09100-06-49</u>	Sampler: <u>CSK/GCA</u> (Printed Name)	(Signature) _____
Relinquished by: <u>[Signature]</u> (Signature and Printed Name)	Date: <u>7/10/02</u> Time: <u>7:00p</u>	Received by: <u>[Signature]</u> (Signature and Printed Name)	Date: <u>7-10-02</u> Time: <u>7:00p</u>
Relinquished by: <u>[Signature]</u> (Signature and Printed Name)	Date: <u>7-10-02</u> Time: <u>7:35p</u>	Received by: <u>[Signature]</u> (Signature and Printed Name)	Date: <u>7/10/02</u> Time: <u>7:35p</u>
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: <u>[Signature]</u> <u>7/10/02</u> Print Name Date Signature	Send Report To: Attn: _____ Co: <u>Client</u> Address _____ City _____ State _____ Zip _____	Bill To: Attn: _____ Co: <u>Client</u> Address _____ City _____ State _____ Zip _____	Special Instructions/Comments: <u>See Page 1</u>
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Unless otherwise requested, all samples will be disposed 45 days after receipt.	Sample Archive/Disposal: <input type="checkbox"/> Laboratory Standard <input type="checkbox"/> Other <input type="checkbox"/> Return To: _____ * \$10.00 FEE PER HAZARDOUS SAMPLE DISPOSAL.	Circle or Add Analysis(es) Requested: 8081 / 8082 (Pesticides/PCE-EC) 8200 (Volatiles-GC/MS) 625 / 8270 (BVA-GC/MS) Metals-Total (CAC-8010 / 7000) 8015M TPH/GRTX (COMBINATION) 8015M TPH/ID (Diesel-GC) <u>Total Lead 6010</u>	CIRCLE APPROPRIATE MATRIX: SOLID • SOIL • SLUDGE OIL • SOLVENT • LIQUID WATER • WASTEWATER DRINKING WATER AIR WIPE • FILTER OTHER	Container(s) TAT # Type	Q A / Q C RTNE <input type="checkbox"/> RWQCB <input type="checkbox"/> WIP <input type="checkbox"/> NAVY <input type="checkbox"/> CT <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>
LAB USE ONLY: Batch #: Lab No.	Sample Description Sample I.D.	Date	Time		REMARKS
81	533-5	7/9	154	X	156
82	533-1		158		
83	533-2		203		
84	533-3		205		

• TAT starts 8 a.m. following day if samples received after 5 p.m.	TAT: A= <u>Overnight</u> ≤ 24 hr	B= <u>Emergency</u> Next workday	C= <u>Critical</u> 2 Workdays	D= <u>Urgent</u> 3 Workdays	E= <u>Routine</u> 7 Workdays	Preservatives: H=HCl N=HNO <sub>3</sub> S=H <sub>2</sub> SO <sub>4</sub> C=4°C Z=Zn(AC) <sub>2</sub> O=NaOH T=Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub>
Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal						

# CHAIN OF CUSTODY RECORD



3275 Walnut Avenue  
Signal Hill, CA 90807  
(562) 989-4045 • FAX (562) 989-4040

## FOR LABORATORY USE ONLY:

P.O.#: _____	Method of Transport Walk-in <input type="checkbox"/> Courier <input type="checkbox"/> UPS <input type="checkbox"/> FED. EXP. <input type="checkbox"/> ATL <input checked="" type="checkbox"/>	Sample Condition Upon Receipt 1. CHILLED <input checked="" type="checkbox"/> <input type="checkbox"/> N <input type="checkbox"/> 4. SEALED <input type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> 2. HEADSPACE (VOA) <input type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> 5. # OF SPLS MATCH COC <input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> 3. CONTAINER INTACT <input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> 6. PRESERVED <input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/>
Logged By: <u>[Signature]</u>	Date: <u>7/10/02</u> Time: _____	

Client: <b>GEOCON ENVIRONMENTAL - SAN DIEGO</b>	Address: 6970 Flanders Drive	TEL: ( 858 ) 558-6100
Attn: <u>CHRIS KING</u>	City: San Diego State: CA Zip Code: 92121	FAX: ( 858 ) 558-8437

Project Name: <u>Rte 5-SB</u>	Project #: <u>09100-06-49</u>	Sampler: <u>CSK/GCA</u> (Printed Name)	(Signature)
Relinquished by: <u>[Signature]</u> Date: <u>7/10/02</u> Time: <u>7:00p</u>	Received by: <u>[Signature]</u> Date: <u>7-10-02</u> Time: <u>7:00p</u>	Relinquished by: <u>[Signature]</u> Date: <u>7-10-02</u> Time: <u>7:35p</u>	Received by: <u>[Signature]</u> Date: <u>7/10/02</u> Time: <u>7:35p</u>

I hereby authorize ATL to perform the work indicated below: Project Mgr /Submitter: <u>[Signature]</u> <u>7/10/02</u> Print Name Date	Send Report To: Attn: _____ Co: <u>Client</u> Address _____ City _____ State _____ Zip _____	Bill To: Attn: _____ Co: <u>Client</u> Address _____ City _____ State _____ Zip _____	Special Instructions/Comments:
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Unless otherwise requested, all samples will be disposed 45 days after receipt.	Sample Archive/Disposal: <input type="checkbox"/> Laboratory Standard <input type="checkbox"/> Other _____ <input type="checkbox"/> Return To: _____ * \$10.00 FEE PER HAZARDOUS SAMPLE DISPOSAL.	Circle or Add Analysis(es) Requested 806 / 19082 (Pesticides/PCB-GC) 8260 (Volatiles-GC/MS) 825 / 8270 (BNA-GC/MS) Metals Total (CAC-GCMS) 8015M TPH/G/TEX (COMBINATION) 8015M TPH/D (Diesel/GC) <u>State / Fed 6010</u>	CIRCLE APPROPRIATE MATRIX SOLID • SOIL • SLUDGE OIL • SOLVENT • LIQUID WATER • WASTEWATER DRINKING WATER AIR WIPE • FILTER OTHER _____ TAT # Type	QA/QC RTNE <input type="checkbox"/> RWQCB <input type="checkbox"/> WIP <input type="checkbox"/> NAVY <input type="checkbox"/> CT <input checked="" type="checkbox"/> OTHER _____							
LAB USE ONLY: Batch #:		Sample Description									
I T E M	Lab No.	Sample I.D.	Date	Time	TAT	#	Type	PRESERVATION	REMARKS	PRESERVATION	REMARKS
	85	EB-6	7/10	10:16			E I P P C				
	86	EB-7	7/10	11:00							
	87	EB-8		12:24							
	88	EB-9		12:33							
	89	EB-10		1:02							
	90	EB-11		1:15							
	91	EB-12		1:31							
	92	EB-13		1:44							
	93	EB-14		2:08							

• TAT starts 8 a.m. following day if samples received after 5 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 <sub>3</sub> S=H <sub>2</sub> SO <sub>4</sub> C=4°C Z=Zn(AC) <sub>2</sub> O=NaOH T=Na <sub>2</sub> S <sub>2</sub> O <sub>8</sub>
Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal						

**Advanced Technology Laboratories**

Date: 7/18/2002

**LEAD BY ICP  
EPA 6010B**

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057872
<b>Project:</b>	Rte 5-SB, 09100-06-49	<b>Date Received:</b>	7/10/2002 7:35:0
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	RQ

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057872-001A	S-13-S	110	mg/Kg	9523	5	1	7/10/2002	7/15/2002
057872-002A	S13-1	160	mg/Kg	9523	5	1	7/10/2002	7/15/2002
057872-003A	S13-2	300	mg/Kg	9523	5	1	7/10/2002	7/15/2002
057872-004A	S13-3	25	mg/Kg	9523	5	1	7/10/2002	7/15/2002
057872-005A	S14-S	86	mg/Kg	9523	5	1	7/10/2002	7/15/2002
057872-006A	S14-1	61	mg/Kg	9523	5	1	7/10/2002	7/15/2002
057872-007A	S14-2	5.5	mg/Kg	9523	5	1	7/10/2002	7/15/2002
057872-008A	S14-3	21	mg/Kg	9523	5	1	7/10/2002	7/15/2002
057872-009A	S15-S	360	mg/Kg	9523	5	1	7/10/2002	7/15/2002
057872-010A	S15-1	390	mg/Kg	9523	5	1	7/10/2002	7/15/2002
057872-011A	S15-2	260	mg/Kg	9523	5	1	7/10/2002	7/15/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



**Advanced Technology Laboratories**

Date: 7/18/2002

**LEAD BY ICP  
EPA 6010B**

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057872
<b>Project:</b>	Rte 5-SB, 09100-06-49	<b>Date Received:</b>	7/10/2002 7:35:0
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	RQ

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057872-012A	S15-3	99	mg/Kg	9523	5	1	7/10/2002	7/15/2002
057872-013A	S16-S	490	mg/Kg	9523	5	1	7/10/2002	7/15/2002
057872-014A	S16-1	150	mg/Kg	9523	5	1	7/10/2002	7/15/2002
057872-015A	S16-2	130	mg/Kg	9523	5	1	7/10/2002	7/15/2002
057872-016A	S16-3	54	mg/Kg	9523	5	1	7/10/2002	7/15/2002
057872-017A	S17-S	49	mg/Kg	9523	5	1	7/10/2002	7/15/2002
057872-018A	S17-1	45	mg/Kg	9523	5	1	7/10/2002	7/15/2002
057872-019A	S17-2	45	mg/Kg	9523	5	1	7/10/2002	7/15/2002
057872-020A	S17-3	45	mg/Kg	9523	5	1	7/10/2002	7/15/2002
057872-021A	S18-S	73	mg/Kg	9524	5	1	7/10/2002	7/15/2002
057872-022A	S18-1	20	mg/Kg	9524	5	1	7/10/2002	7/15/2002

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike/Surrogate outside of limits due to matrix interfere  
 J - Analyte detected below quantitation limits      H - Sample exceeded analytical holding time  
 B - Analyte detected in the associated Method Blank      E - Value above quantitation range  
 DO - Surrogate Diluted Out      Results are wet unless otherwise specified



**LEAD BY ICP  
EPA 6010B**

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057872
<b>Project:</b>	Rte 5-SB, 09100-06-49	<b>Date Received:</b>	7/10/2002 7:35:0
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	RQ

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057872-023A	S18-2	8.7	mg/Kg	9524	5	1	7/10/2002	7/15/2002
057872-024A	S18-3	12	mg/Kg	9524	5	1	7/10/2002	7/15/2002
057872-025A	S19-S	240	mg/Kg	9524	5	1	7/10/2002	7/15/2002
057872-026A	S19-1	130	mg/Kg	9524	5	1	7/10/2002	7/15/2002
057872-027A	S19-2	30	mg/Kg	9524	5	1	7/10/2002	7/15/2002
057872-028A	S19-3	65	mg/Kg	9524	5	1	7/10/2002	7/15/2002
057872-029A	S20-S	91	mg/Kg	9524	5	1	7/10/2002	7/15/2002
057872-030A	S20-1	160	mg/Kg	9524	5	1	7/10/2002	7/15/2002
057872-031A	S20-2	44	mg/Kg	9524	5	1	7/10/2002	7/15/2002
057872-032A	S20-3	15	mg/Kg	9524	5	1	7/10/2002	7/15/2002
057872-033A	S21-S	470	mg/Kg	9524	5	1	7/10/2002	7/15/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



**LEAD BY ICP  
EPA 6010B**

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057872
<b>Project:</b>	Rte 5-SB, 09100-06-49	<b>Date Received:</b>	7/10/2002 7:35:0
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	RQ

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057872-034A	S21-1	210	mg/Kg	9524	5	1	7/10/2002	7/15/2002
057872-035A	S21-2	24	mg/Kg	9524	5	1	7/10/2002	7/15/2002
057872-036A	S21-3	11	mg/Kg	9524	5	1	7/10/2002	7/15/2002
057872-037A	S22-S	93	mg/Kg	9524	5	1	7/10/2002	7/15/2002
057872-038A	S22-1	21	mg/Kg	9524	5	1	7/10/2002	7/15/2002
057872-039A	S22-2	55	mg/Kg	9524	5	1	7/10/2002	7/15/2002
057872-040A	S22-3	350	mg/Kg	9524	5	1	7/10/2002	7/15/2002
057872-041A	S23-S	45	mg/Kg	9537	5	1	7/10/2002	7/15/2002
057872-042A	S23-1	13	mg/Kg	9537	5	1	7/10/2002	7/15/2002
057872-043A	S23-2	220	mg/Kg	9537	5	1	7/10/2002	7/15/2002
057872-044A	S23-3	13	mg/Kg	9537	5	1	7/10/2002	7/15/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



**LEAD BY ICP  
EPA 6010B**

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057872
<b>Project:</b>	Rte 5-SB, 09100-06-49	<b>Date Received:</b>	7/10/2002 7:35:0
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	RQ

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057872-045A	S24-S	15	mg/Kg	9537	5	1	7/10/2002	7/15/2002
057872-046A	S24-1	6.4	mg/Kg	9537	5	1	7/10/2002	7/15/2002
057872-047A	S24-2	170	mg/Kg	9537	5	1	7/10/2002	7/15/2002
057872-048A	S24-3	22	mg/Kg	9537	5	1	7/10/2002	7/15/2002
057872-049A	S25-S	55	mg/Kg	9537	5	1	7/10/2002	7/15/2002
057872-050A	S25-1	35	mg/Kg	9537	5	1	7/10/2002	7/15/2002
057872-051A	S25-2	9.1	mg/Kg	9537	5	1	7/10/2002	7/15/2002
057872-052A	S25-3	7.2	mg/Kg	9537	5	1	7/10/2002	7/15/2002
057872-053A	S26-S	28	mg/Kg	9537	5	1	7/10/2002	7/15/2002
057872-054A	S26-1	300	mg/Kg	9537	5	1	7/10/2002	7/15/2002
057872-055A	S26-2	330	mg/Kg	9537	5	1	7/10/2002	7/15/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



**LEAD BY ICP  
EPA 6010B**

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057872
<b>Project:</b>	Rte 5-SB, 09100-06-49	<b>Date Received:</b>	7/10/2002 7:35:0
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	RQ

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057872-056A	S26-3	110	mg/Kg	9537	5	1	7/10/2002	7/15/2002
057872-057A	S27-S	110	mg/Kg	9537	5	1	7/10/2002	7/15/2002
057872-058A	S27-1	74	mg/Kg	9537	5	1	7/10/2002	7/15/2002
057872-059A	S27-2	32	mg/Kg	9537	5	1	7/10/2002	7/15/2002
057872-060A	S27-3	34	mg/Kg	9537	5	1	7/10/2002	7/15/2002
057872-061A	S28-S	59	mg/Kg	9538	5	1	7/10/2002	7/15/2002
057872-062A	S28-1	46	mg/Kg	9538	5	1	7/10/2002	7/15/2002
057872-063A	S28-2	12	mg/Kg	9538	5	1	7/10/2002	7/15/2002
057872-064A	S28-3	23	mg/Kg	9538	5	1	7/10/2002	7/15/2002
057872-065A	S29-S	84	mg/Kg	9538	5	1	7/10/2002	7/15/2002
057872-066A	S29-1	270	mg/Kg	9538	5	1	7/10/2002	7/15/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



**LEAD BY ICP  
EPA 6010B**

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057872
<b>Project:</b>	Rte 5-SB, 09100-06-49	<b>Date Received:</b>	7/10/2002 7:35:0
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	RQ

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057872-067A	S29-2	42	mg/Kg	9538	5	1	7/10/2002	7/15/2002
057872-068A	S29-3	ND	mg/Kg	9538	5	1	7/10/2002	7/15/2002
057872-069A	S30-S	280	mg/Kg	9538	5	1	7/10/2002	7/15/2002
057872-070A	S30-1	160	mg/Kg	9538	5	1	7/10/2002	7/15/2002
057872-071A	S30-2	99	mg/Kg	9538	5	1	7/10/2002	7/15/2002
057872-072A	S30-3	5.6	mg/Kg	9538	5	1	7/10/2002	7/15/2002
057872-073A	S31-S	1100	mg/Kg	9538	5	1	7/10/2002	7/15/2002
057872-074A	S31-1	590	mg/Kg	9538	5	1	7/10/2002	7/15/2002
057872-075A	S31-2	1000	mg/Kg	9538	5	1	7/10/2002	7/15/2002
057872-076A	S31-3	30	mg/Kg	9538	5	1	7/10/2002	7/15/2002
057872-077A	S32-S	1000	mg/Kg	9538	5	1	7/10/2002	7/15/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



**Advanced Technology Laboratories**

Date: 7/18/2002

**LEAD BY ICP  
EPA 6010B**

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057872
<b>Project:</b>	Rte 5-SB, 09100-06-49	<b>Date Received:</b>	7/10/2002 7:35:0
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	RQ

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057872-078A	S32-1	810	mg/Kg	9538	5	1	7/10/2002	7/15/2002
057872-079A	S32-2	240	mg/Kg	9538	5	1	7/10/2002	7/15/2002
057872-080A	S32-3	210	mg/Kg	9538	5	1	7/10/2002	7/15/2002
057872-081A	S33-S	350	mg/Kg	9539	5	1	7/10/2002	7/15/2002
057872-082A	S33-1	730	mg/Kg	9539	5	1	7/10/2002	7/15/2002
057872-083A	S33-2	370	mg/Kg	9539	5	1	7/10/2002	7/15/2002
057872-084A	S33-3	320	mg/Kg	9539	5	1	7/10/2002	7/15/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



ICP METALS  
EPA 6010B

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057872
<b>Project:</b>	Rte 5-SB, 09100-06-49	<b>Date Received:</b>	7/10/2002 7:35:0
<b>Project No:</b>		<b>Matrix:</b>	Water
<b>PO No:</b>		<b>Analyst:</b>	RQ

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057872-085A	EB-6	ND	mg/L	9533	0.005	1	7/10/2002	7/16/2002
057872-086A	EB-7	ND	mg/L	9533	0.005	1	7/10/2002	7/16/2002
057872-087A	EB-8	0.0052	mg/L	9533	0.005	1	7/10/2002	7/16/2002
057872-088A	EB-9	0.0066	mg/L	9533	0.005	1	7/10/2002	7/16/2002
057872-089A	EB-10	ND	mg/L	9533	0.005	1	7/10/2002	7/16/2002
057872-090A	EB-11	ND	mg/L	9533	0.005	1	7/10/2002	7/16/2002
057872-091A	EB-12	ND	mg/L	9533	0.005	1	7/10/2002	7/16/2002
057872-092A	EB-13	ND	mg/L	9533	0.005	1	7/10/2002	7/16/2002
057872-093A	EB-14	0.0058	mg/L	9533	0.005	1	7/10/2002	7/16/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



pH  
EPA 9045C

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057872
<b>Project:</b>	Rte 5-SB, 09100-06-49	<b>Date Received:</b>	7/10/2002 7:35:0
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	JT

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057872-001A	S-13-S	6.73	pH Units	R19397	0.1	1	7/10/2002	7/12/2002
057872-010A	S15-1	6.65	pH Units	R19311	0.1	1	7/10/2002	7/11/2002
057872-020A	S17-3	8.11	pH Units	R19311	0.1	1	7/10/2002	7/11/2002
057872-030A	S20-1	8.58	pH Units	R19311	0.1	1	7/10/2002	7/11/2002
057872-040A	S22-3	7.14	pH Units	R19311	0.1	1	7/10/2002	7/11/2002
057872-050A	S25-1	7.34	pH Units	R19312	0.1	1	7/10/2002	7/11/2002
057872-060A	S27-3	7.55	pH Units	R19312	0.1	1	7/10/2002	7/11/2002
057872-070A	S30-1	7.06	pH Units	R19312	0.1	1	7/10/2002	7/11/2002
057872-080A	S32-3	7.80	pH Units	R19312	0.1	1	7/10/2002	7/11/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



LEAD BY ATOMIC ABSORPTION  
WET/ EPA 7420

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057872
<b>Project:</b>	Rte 5-SB, 09100-06-49	<b>Date Received:</b>	7/10/2002 7:35:0
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	JT

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057872-001A	S-13-S	5.4	mg/L	9712	0.2	1	7/10/2002	7/23/2002
057872-002A	S13-1	12	mg/L	9712	0.2	1	7/10/2002	7/23/2002
057872-003A	S13-2	23	mg/L	9712	0.4	2	7/10/2002	7/23/2002
057872-005A	S14-S	5.6	mg/L	9712	0.2	1	7/10/2002	7/23/2002
057872-006A	S14-1	3.3	mg/L	9712	0.2	1	7/10/2002	7/23/2002
057872-009A	S15-S	25	mg/L	9712	0.4	2	7/10/2002	7/23/2002
057872-010A	S15-1	29	mg/L	9712	0.4	2	7/10/2002	7/23/2002
057872-011A	S15-2	22	mg/L	9712	0.4	2	7/10/2002	7/23/2002
057872-012A	S15-3	8.3	mg/L	9712	0.2	1	7/10/2002	7/23/2002
057872-013A	S16-S	38	mg/L	9712	0.8	4	7/10/2002	7/23/2002
057872-014A	S16-1	10	mg/L	9712	0.2	1	7/10/2002	7/23/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



LEAD BY ATOMIC ABSORPTION  
WET/ EPA 7420

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057872
<b>Project:</b>	Rte 5-SB, 09100-06-49	<b>Date Received:</b>	7/10/2002 7:35:0
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	JT

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057872-015A	S16-2	9.0	mg/L	9712	0.2	1	7/10/2002	7/23/2002
057872-016A	S16-3	3.4	mg/L	9712	0.2	1	7/10/2002	7/23/2002
057872-021A	S18-S	4.1	mg/L	9712	0.2	1	7/10/2002	7/23/2002
057872-025A	S19-S	19	mg/L	9712	0.4	2	7/10/2002	7/23/2002
057872-026A	S19-1	8.3	mg/L	9712	0.2	1	7/10/2002	7/23/2002
057872-028A	S19-3	6.1	mg/L	9717	0.2	1	7/10/2002	7/23/2002
057872-029A	S20-S	7.1	mg/L	9717	0.2	1	7/10/2002	7/23/2002
057872-030A	S20-1	14	mg/L	9717	0.2	1	7/10/2002	7/23/2002
057872-033A	S21-S	19	mg/L	9717	0.4	2	7/10/2002	7/23/2002
057872-034A	S21-1	18	mg/L	9717	0.4	2	7/10/2002	7/23/2002
057872-037A	S22-S	5.3	mg/L	9717	0.2	1	7/10/2002	7/23/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



LEAD BY ATOMIC ABSORPTION  
WET/ EPA 7420

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057872
<b>Project:</b>	Rte 5-SB, 09100-06-49	<b>Date Received:</b>	7/10/2002 7:35:0
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	JT

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057872-039A	S22-2	5.9	mg/L	9717	0.2	1	7/10/2002	7/23/2002
057872-040A	S22-3	17	mg/L	9717	0.4	2	7/10/2002	7/23/2002
057872-043A	S23-2	25	mg/L	9717	0.4	2	7/10/2002	7/23/2002
057872-047A	S24-2	15	mg/L	9717	0.2	1	7/10/2002	7/23/2002
057872-049A	S25-S	4.2	mg/L	9717	0.2	1	7/10/2002	7/23/2002
057872-054A	S26-1	23	mg/L	9717	0.4	2	7/10/2002	7/23/2002
057872-055A	S26-2	41	mg/L	9717	0.8	4	7/10/2002	7/23/2002
057872-056A	S26-3	3.3	mg/L	9717	0.2	1	7/10/2002	7/23/2002
057872-057A	S27-S	1.9	mg/L	9717	0.2	1	7/10/2002	7/23/2002
057872-058A	S27-1	7.9	mg/L	9717	0.2	1	7/10/2002	7/23/2002
057872-061A	S28-S	4.0	mg/L	9717	0.2	1	7/10/2002	7/23/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



LEAD BY ATOMIC ABSORPTION  
WET/ EPA 7420

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057872
<b>Project:</b>	Rte 5-SB, 09100-06-49	<b>Date Received:</b>	7/10/2002 7:35:0
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	JT

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057872-065A	S29-S	6.8	mg/L	9717	0.2	1	7/10/2002	7/23/2002
057872-066A	S29-1	38	mg/L	9717	0.6	3	7/10/2002	7/23/2002
057872-069A	S30-S	20	mg/L	9717	0.4	2	7/10/2002	7/23/2002
057872-070A	S30-1	14	mg/L	9718	0.2	1	7/10/2002	7/23/2002
057872-071A	S30-2	7.3	mg/L	9718	0.2	1	7/10/2002	7/23/2002
057872-074A	S31-1	50	mg/L	9718	0.8	4	7/10/2002	7/23/2002
057872-078A	S32-1	89	mg/L	9718	2	10	7/10/2002	7/23/2002
057872-079A	S32-2	17	mg/L	9718	0.4	2	7/10/2002	7/23/2002
057872-080A	S32-3	25	mg/L	9718	0.4	2	7/10/2002	7/23/2002
057872-081A	S33-S	90	mg/L	9718	2	10	7/10/2002	7/23/2002
057872-082A	S33-1	94	mg/L	9718	2	10	7/10/2002	7/23/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



**LEAD BY ATOMIC ABSORPTION  
WET/ EPA 7420**

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057872
<b>Project:</b>	Rte 5-SB, 09100-06-49	<b>Date Received:</b>	7/10/2002 7:35:0
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	JT

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057872-083A	S33-2	85	mg/L	9718	2	10	7/10/2002	7/23/2002
057872-084A	S33-3	54	mg/L	9718	0.8	4	7/10/2002	7/23/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



LEAD BY ATOMIC ABSORPTION  
EPA 1311/ 7420

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057872
<b>Project:</b>	Rte 5-SB, 09100-06-49	<b>Date Received:</b>	7/10/2002 7:35:0
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	NS

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057872-073A	S31-S	0.89	mg/L	9759	0.2	1	7/10/2002	7/24/2002
057872-075A	S31-2	0.51	mg/L	9759	0.2	1	7/10/2002	7/24/2002
057872-077A	S32-S	1.6	mg/L	9760	0.2	1	7/10/2002	7/24/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



**LEAD BY ATOMIC ABSORPTION  
WET DI/ EPA 7420**

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057872
<b>Project:</b>	Rte 5-SB, 09100-06-49	<b>Date Received:</b>	7/10/2002 7:35:0
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	JT

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057872-001A	S-13-S	ND	mg/L	9672	0.2	1	7/10/2002	7/22/2002
057872-002A	S13-1	ND	mg/L	9672	0.2	1	7/10/2002	7/22/2002
057872-003A	S13-2	ND	mg/L	9672	0.2	1	7/10/2002	7/22/2002
057872-005A	S14-S	ND	mg/L	9672	0.2	1	7/10/2002	7/22/2002
057872-009A	S15-S	0.27	mg/L	9672	0.2	1	7/10/2002	7/22/2002
057872-010A	S15-1	1.4	mg/L	9672	0.2	1	7/10/2002	7/22/2002
057872-011A	S15-2	0.58	mg/L	9672	0.2	1	7/10/2002	7/22/2002
057872-012A	S15-3	0.33	mg/L	9672	0.2	1	7/10/2002	7/22/2002
057872-013A	S16-S	0.32	mg/L	9672	0.2	1	7/10/2002	7/22/2002
057872-014A	S16-1	ND	mg/L	9673	0.2	1	7/10/2002	7/22/2002
057872-015A	S16-2	ND	mg/L	9673	0.2	1	7/10/2002	7/22/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



LEAD BY ATOMIC ABSORPTION  
WET DI/ EPA 7420

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057872
<b>Project:</b>	Rte 5-SB, 09100-06-49	<b>Date Received:</b>	7/10/2002 7:35:0
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	JT

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057872-025A	S19-S	0.27	mg/L	9673	0.2	1	7/10/2002	7/22/2002
057872-026A	S19-1	ND	mg/L	9673	0.2	1	7/10/2002	7/22/2002
057872-028A	S19-3	ND	mg/L	9673	0.2	1	7/10/2002	7/22/2002
057872-029A	S20-S	ND	mg/L	9673	0.2	1	7/10/2002	7/22/2002
057872-030A	S20-1	0.30	mg/L	9673	0.2	1	7/10/2002	7/22/2002
057872-033A	S21-S	0.37	mg/L	9673	0.2	1	7/10/2002	7/22/2002
057872-034A	S21-1	0.37	mg/L	9673	0.2	1	7/10/2002	7/22/2002
057872-037A	S22-S	ND	mg/L	9673	0.2	1	7/10/2002	7/22/2002
057872-039A	S22-2	0.23	mg/L	9673	0.2	1	7/10/2002	7/22/2002
057872-040A	S22-3	0.50	mg/L	9673	0.2	1	7/10/2002	7/22/2002
057872-043A	S23-2	0.31	mg/L	9673	0.2	1	7/10/2002	7/22/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



**LEAD BY ATOMIC ABSORPTION  
WET DI/ EPA 7420**

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057872
<b>Project:</b>	Rte 5-SB, 09100-06-49	<b>Date Received:</b>	7/10/2002 7:35:0
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	JT

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057872-047A	S24-2	0.28	mg/L	9673	0.2	1	7/10/2002	7/22/2002
057872-054A	S26-1	0.50	mg/L	9673	0.2	1	7/10/2002	7/22/2002
057872-055A	S26-2	0.38	mg/L	9673	0.2	1	7/10/2002	7/22/2002
057872-058A	S27-1	ND	mg/L	9674	0.2	1	7/10/2002	7/22/2002
057872-065A	S29-S	ND	mg/L	9674	0.2	1	7/10/2002	7/22/2002
057872-066A	S29-1	ND	mg/L	9674	0.2	1	7/10/2002	7/22/2002
057872-069A	S30-S	ND	mg/L	9674	0.2	1	7/10/2002	7/22/2002
057872-070A	S30-1	ND	mg/L	9674	0.2	1	7/10/2002	7/22/2002
057872-071A	S30-2	ND	mg/L	9674	0.2	1	7/10/2002	7/22/2002
057872-074A	S31-1	ND	mg/L	9674	0.2	1	7/10/2002	7/22/2002
057872-078A	S32-1	1.6	mg/L	9674	0.2	1	7/10/2002	7/22/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



**LEAD BY ATOMIC ABSORPTION  
WET DI/ EPA 7420**

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057872
<b>Project:</b>	Rte 5-SB, 09100-06-49	<b>Date Received:</b>	7/10/2002 7:35:0
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	JT

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057872-079A	S32-2	0.55	mg/L	9674	0.2	1	7/10/2002	7/22/2002
057872-080A	S32-3	1.0	mg/L	9674	0.2	1	7/10/2002	7/22/2002
057872-081A	S33-S	3.2	mg/L	9674	0.2	1	7/10/2002	7/22/2002
057872-082A	S33-1	2.8	mg/L	9674	0.2	1	7/10/2002	7/22/2002
057872-083A	S33-2	2.9	mg/L	9674	0.2	1	7/10/2002	7/22/2002
057872-084A	S33-3	2.3	mg/L	9674	0.2	1	7/10/2002	7/22/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified





Advanced Technology Laboratories

Date: 18-Jul-02

CLIENT: Geocon Environmental
Work Order: 057872
Project: Rte 5-SB, 09100-06-49

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010\_SPB

Table with 13 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, (EPA 3050M), Analysis Date, SeqNo, Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual. Row 1: MB-9523, MBLK, 6010\_SPB, mg/Kg, 7/12/2002, ICP5\_020715A, ZZZZZ, 9523, EPA 6010B, (EPA 3050M), 7/15/2002, 299006, Lead, ND, 5.0

Table with 13 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, (EPA 3050M), Analysis Date, SeqNo, Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual. Row 1: MB-9523B, MBLK, 6010\_SPB, mg/Kg, 7/12/2002, ICP5\_020715A, ZZZZZ, 9523, EPA 6010B, (EPA 3050M), 7/15/2002, 299007, Lead, ND, 5.0

Table with 13 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, (EPA 3050M), Analysis Date, SeqNo, Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual. Row 1: MB-9524, MBLK, 6010\_SPB, mg/Kg, 7/12/2002, ICP5\_020715B, ZZZZZ, 9524, EPA 6010B, (EPA 3050M), 7/15/2002, 299034, Lead, ND, 5.0

Table with 13 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, (EPA 3050M), Analysis Date, SeqNo, Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual. Row 1: MB-9524B, MBLK, 6010\_SPB, mg/Kg, 7/12/2002, ICP5\_020715B, ZZZZZ, 9524, EPA 6010B, (EPA 3050M), 7/15/2002, 299035, Lead, ND, 5.0

Table with 13 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, (EPA 3050M), Analysis Date, SeqNo, Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual. Row 1: MB-9538, MBLK, 6010\_SPB, mg/Kg, 7/12/2002, ICP5\_020715C, ZZZZZ, 9538, EPA 6010B, (EPA 3050M), 7/15/2002, 299106, Lead, ND, 5.0

Qualifiers: ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits DO- Surrogate dilute out
J - Analyte detected below quantitation limits B - Analyte detected in the associated Method Blank H - Sample exceeded holding time
R - RPD outside accepted recovery limits Calculations are based on raw values



CLIENT: Geocon Environmental  
Work Order: 057872  
Project: Rte 5-SB, 09100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 6010\_SPB

Sample ID	MB-9538B	SampType:	MBLK	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/12/2002	Run ID:	ICP5_020715C			
Client ID:	ZZZZZ	Batch ID:	9538	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/15/2002	SeqNo:	299107			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead		0.274		5.0										
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Sample ID	MB-9537	SampType:	MBLK	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/12/2002	Run ID:	ICP5_020715D			
Client ID:	ZZZZZ	Batch ID:	9537	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/15/2002	SeqNo:	299170			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead		ND		5.0										
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Sample ID	MB-9537B	SampType:	MBLK	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/12/2002	Run ID:	ICP5_020715D			
Client ID:	ZZZZZ	Batch ID:	9537	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/15/2002	SeqNo:	299171			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead		ND		5.0										
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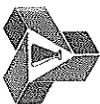
Sample ID	MB-9539	SampType:	MBLK	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/12/2002	Run ID:	ICP5_020715E			
Client ID:	ZZZZZ	Batch ID:	9539	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/15/2002	SeqNo:	299184			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead		ND		5.0										
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Sample ID	LCS-9523	SampType:	LCS	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/12/2002	Run ID:	ICP5_020715A			
Client ID:	ZZZZZ	Batch ID:	9523	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/15/2002	SeqNo:	299005			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead		221.7		5.0	250	0		88.7	80	120	0	0		
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**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO - Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



**CLIENT:** Geocon Environmental  
**Work Order:** 057872  
**Project:** Rte 5-SB, 09100-06-49

### ANALYTICAL QC SUMMARY REPORT

**TestCode: 6010\_SPB**

Sample ID	<b>LCS-9524</b>	SampType:	<b>LCS</b>	TestCode:	<b>6010_SPB</b>	Units:	<b>mg/Kg</b>	Prep Date:	<b>7/12/2002</b>	Run ID:	<b>ICP5_020715B</b>		
Client ID:	<b>ZZZZZ</b>	Batch ID:	<b>9524</b>	TestNo:	<b>EPA 6010B (EPA 3050M)</b>			Analysis Date:	<b>7/15/2002</b>	SeqNo:	<b>299033</b>		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead		237.3		5.0	250	0	94.9	80	120	0	0		
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Sample ID	<b>LCS-9538</b>	SampType:	<b>LCS</b>	TestCode:	<b>6010_SPB</b>	Units:	<b>mg/Kg</b>	Prep Date:	<b>7/12/2002</b>	Run ID:	<b>ICP5_020715C</b>		
Client ID:	<b>ZZZZZ</b>	Batch ID:	<b>9538</b>	TestNo:	<b>EPA 6010B (EPA 3050M)</b>			Analysis Date:	<b>7/15/2002</b>	SeqNo:	<b>299105</b>		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead		203.8		5.0	250	0	81.5	80	120	0	0		
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Sample ID	<b>LCS-9537</b>	SampType:	<b>LCS</b>	TestCode:	<b>6010_SPB</b>	Units:	<b>mg/Kg</b>	Prep Date:	<b>7/12/2002</b>	Run ID:	<b>ICP5_020715D</b>		
Client ID:	<b>ZZZZZ</b>	Batch ID:	<b>9537</b>	TestNo:	<b>EPA 6010B (EPA 3050M)</b>			Analysis Date:	<b>7/15/2002</b>	SeqNo:	<b>299169</b>		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead		211.4		5.0	250	0	84.6	80	120	0	0		
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Sample ID	<b>LCS-9539</b>	SampType:	<b>LCS</b>	TestCode:	<b>6010_SPB</b>	Units:	<b>mg/Kg</b>	Prep Date:	<b>7/12/2002</b>	Run ID:	<b>ICP5_020715E</b>		
Client ID:	<b>ZZZZZ</b>	Batch ID:	<b>9539</b>	TestNo:	<b>EPA 6010B (EPA 3050M)</b>			Analysis Date:	<b>7/15/2002</b>	SeqNo:	<b>299183</b>		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead		213.1		5.0	250	0	85.2	80	120	0	0		
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Sample ID	<b>057872-010AMS</b>	SampType:	<b>MS</b>	TestCode:	<b>6010_SPB</b>	Units:	<b>mg/Kg</b>	Prep Date:	<b>7/12/2002</b>	Run ID:	<b>ICP5_020715A</b>		
Client ID:	<b>S15-1</b>	Batch ID:	<b>9523</b>	TestNo:	<b>EPA 6010B (EPA 3050M)</b>			Analysis Date:	<b>7/15/2002</b>	SeqNo:	<b>298990</b>		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead		535.3		5.0	250	392.9	57	47	128	0	0		
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**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



**CLIENT:** Geocon Environmental  
**Work Order:** 057872  
**Project:** Rte 5-SB, 09100-06-49

### ANALYTICAL QC SUMMARY REPORT

**TestCode: 6010\_SPB**

Sample ID: <b>057872-020AMS</b>	SampType: <b>MS</b>	TestCode: <b>6010_SPB</b>	Units: <b>mg/Kg</b>	Prep Date: <b>7/12/2002</b>	Run ID: <b>ICP5_020715A</b>						
Client ID: <b>S17-3</b>	Batch ID: <b>9523</b>	TestNo: <b>EPA 6010B (EPA 3050M)</b>		Analysis Date: <b>7/15/2002</b>	SeqNo: <b>299003</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	210.3	5.0	250	45.42	66	47	128	0	0		
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Sample ID: <b>057872-030AMS</b>	SampType: <b>MS</b>	TestCode: <b>6010_SPB</b>	Units: <b>mg/Kg</b>	Prep Date: <b>7/12/2002</b>	Run ID: <b>ICP5_020715B</b>						
Client ID: <b>S20-1</b>	Batch ID: <b>9524</b>	TestNo: <b>EPA 6010B (EPA 3050M)</b>		Analysis Date: <b>7/15/2002</b>	SeqNo: <b>299019</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	419.7	5.0	250	162.9	103	47	128	0	0		
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Sample ID: <b>057872-040AMS</b>	SampType: <b>MS</b>	TestCode: <b>6010_SPB</b>	Units: <b>mg/Kg</b>	Prep Date: <b>7/12/2002</b>	Run ID: <b>ICP5_020715B</b>						
Client ID: <b>S22-3</b>	Batch ID: <b>9524</b>	TestNo: <b>EPA 6010B (EPA 3050M)</b>		Analysis Date: <b>7/15/2002</b>	SeqNo: <b>299031</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	469.8	5.0	250	350.4	47.8	47	128	0	0		
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Sample ID: <b>057872-070AMS</b>	SampType: <b>MS</b>	TestCode: <b>6010_SPB</b>	Units: <b>mg/Kg</b>	Prep Date: <b>7/12/2002</b>	Run ID: <b>ICP5_020715C</b>						
Client ID: <b>S30-1</b>	Batch ID: <b>9538</b>	TestNo: <b>EPA 6010B (EPA 3050M)</b>		Analysis Date: <b>7/15/2002</b>	SeqNo: <b>299091</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	253.5	5.0	250	164.9	35.4	47	128	0	0		S
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Sample ID: <b>057872-080AMS</b>	SampType: <b>MS</b>	TestCode: <b>6010_SPB</b>	Units: <b>mg/Kg</b>	Prep Date: <b>7/12/2002</b>	Run ID: <b>ICP5_020715C</b>						
Client ID: <b>S32-3</b>	Batch ID: <b>9538</b>	TestNo: <b>EPA 6010B (EPA 3050M)</b>		Analysis Date: <b>7/15/2002</b>	SeqNo: <b>299103</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	406.4	5.0	250	214	77	47	128	0	0		
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**Qualifiers:** ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
R - RPD outside accepted recovery limits

S - Spike Recovery outside accepted recovery limits  
B - Analyte detected in the associated Method Blank  
Calculations are based on raw values

DO- Surrogate dilute out  
H - Sample exceeded holding time



CLIENT: Geocon Environmental  
Work Order: 057872  
Project: Rte 5-SB, 09100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 6010\_SPB

Sample ID	057872-050AMS	SampType:	MS	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/12/2002	Run ID:	ICP5_020715D
Client ID:	S25-1	Batch ID:	9537	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/15/2002	SeqNo:	299155
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	173.6	5.0	250	35.45	55.3	47	128	0	0		

Sample ID	057872-060AMS	SampType:	MS	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/12/2002	Run ID:	ICP5_020715D
Client ID:	S27-3	Batch ID:	9537	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/15/2002	SeqNo:	299167
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	173.5	5.0	250	34.34	55.7	47	128	0	0		

Sample ID	057872-084AMS	SampType:	MS	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/12/2002	Run ID:	ICP5_020715E
Client ID:	S33-3	Batch ID:	9539	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/15/2002	SeqNo:	299181
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	626.7	5.0	250	319.8	123	47	128	0	0		

Sample ID	057872-010ADUP	SampType:	DUP	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/12/2002	Run ID:	ICP5_020715A
Client ID:	S15-1	Batch ID:	9523	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/15/2002	SeqNo:	298989
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	388.2	5.0	0	0	0	0	0	392.9	1.19	30	

Sample ID	057872-020ADUP	SampType:	DUP	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/12/2002	Run ID:	ICP5_020715A
Client ID:	S17-3	Batch ID:	9523	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/15/2002	SeqNo:	299002
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	58.09	5.0	0	0	0	0	0	45.42	24.5	30	

Qualifiers: ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



**CLIENT:** Geocon Environmental  
**Work Order:** 057872  
**Project:** Rte 5-SB, 09100-06-49

## ANALYTICAL QC SUMMARY REPORT

**TestCode: 6010\_SPB**

Sample ID: <b>057872-030ADUP</b>	SampType: <b>DUP</b>	TestCode: <b>6010_SPB</b>	Units: <b>mg/Kg</b>	Prep Date: <b>7/12/2002</b>	Run ID: <b>ICP5_020715B</b>						
Client ID: <b>S20-1</b>	Batch ID: <b>9524</b>	TestNo: <b>EPA 6010B</b>	(EPA 3050M)	Analysis Date: <b>7/15/2002</b>	SeqNo: <b>299018</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	178.9	5.0	0	0	0	0	0	162.9	9.37	30
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Sample ID: <b>057872-040ADUP</b>	SampType: <b>DUP</b>	TestCode: <b>6010_SPB</b>	Units: <b>mg/Kg</b>	Prep Date: <b>7/12/2002</b>	Run ID: <b>ICP5_020715B</b>						
Client ID: <b>S22-3</b>	Batch ID: <b>9524</b>	TestNo: <b>EPA 6010B</b>	(EPA 3050M)	Analysis Date: <b>7/15/2002</b>	SeqNo: <b>299030</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	187.7	5.0	0	0	0	0	0	350.4	60.4	30	R
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Sample ID: <b>057872-070ADUP</b>	SampType: <b>DUP</b>	TestCode: <b>6010_SPB</b>	Units: <b>mg/Kg</b>	Prep Date: <b>7/12/2002</b>	Run ID: <b>ICP5_020715C</b>						
Client ID: <b>S30-1</b>	Batch ID: <b>9538</b>	TestNo: <b>EPA 6010B</b>	(EPA 3050M)	Analysis Date: <b>7/15/2002</b>	SeqNo: <b>299090</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	164.2	5.0	0	0	0	0	0	164.9	0.436	30
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Sample ID: <b>057872-080ADUP</b>	SampType: <b>DUP</b>	TestCode: <b>6010_SPB</b>	Units: <b>mg/Kg</b>	Prep Date: <b>7/12/2002</b>	Run ID: <b>ICP5_020715C</b>						
Client ID: <b>S32-3</b>	Batch ID: <b>9538</b>	TestNo: <b>EPA 6010B</b>	(EPA 3050M)	Analysis Date: <b>7/15/2002</b>	SeqNo: <b>299102</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	216.4	5.0	0	0	0	0	0	214	1.09	30
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Sample ID: <b>057872-050ADUP</b>	SampType: <b>DUP</b>	TestCode: <b>6010_SPB</b>	Units: <b>mg/Kg</b>	Prep Date: <b>7/12/2002</b>	Run ID: <b>ICP5_020715D</b>						
Client ID: <b>S25-1</b>	Batch ID: <b>9537</b>	TestNo: <b>EPA 6010B</b>	(EPA 3050M)	Analysis Date: <b>7/15/2002</b>	SeqNo: <b>299154</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	45.47	5.0	0	0	0	0	0	35.45	24.8	30
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<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike Recovery outside accepted recovery limits	DO- Surrogate dilute out
	J - Analyte detected below quantitation limits	B - Analyte detected in the associated Method Blank	H - Sample exceeded holding time
	R - RPD outside accepted recovery limits	Calculations are based on raw values	



CLIENT: Geocon Environmental  
Work Order: 057872  
Project: Rte 5-SB, 09100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 6010\_SPB

Sample ID	057872-060ADUP	SampType:	DUP	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/12/2002	Run ID:	ICP5_020715D		
Client ID:	S27-3	Batch ID:	9537	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/15/2002	SeqNo:	299166		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	39.06	5.0	0	0	0	0	0	0	0	34.34	12.9	30	
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Sample ID	057872-084ADUP	SampType:	DUP	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/12/2002	Run ID:	ICP5_020715E		
Client ID:	S33-3	Batch ID:	9539	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/15/2002	SeqNo:	299180		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	549.2	5.0	0	0	0	0	0	0	0	319.8	52.8	30	R
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Qualifiers: ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



CLIENT: Geocon Environmental  
Work Order: 057872  
Project: Rte 5-SB, 09100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 6010\_WPB

Sample ID	MB-9533	SampType:	MBLK	TestCode:	6010_WPB	Units:	mg/L	Prep Date:	7/12/2002	Run ID:	ICP5_020716A			
Client ID:	ZZZZZ	Batch ID:	9533	TestNo:	EPA 6010B (EPA 3010A)			Analysis Date:	7/16/2002	SeqNo:	299368			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 0.004764 0.0050

Sample ID	LCS-9533	SampType:	LCS	TestCode:	6010_WPB	Units:	mg/L	Prep Date:	7/12/2002	Run ID:	ICP5_020716A			
Client ID:	ZZZZZ	Batch ID:	9533	TestNo:	EPA 6010B (EPA 3010A)			Analysis Date:	7/16/2002	SeqNo:	299367			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 1.102 0.0050 1 0 110 80 120 0 0

Sample ID	057872-093AMS	SampType:	MS	TestCode:	6010_WPB	Units:	mg/L	Prep Date:	7/12/2002	Run ID:	ICP5_020716A			
Client ID:	EB-14	Batch ID:	9533	TestNo:	EPA 6010B (EPA 3010A)			Analysis Date:	7/16/2002	SeqNo:	299364			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 2.578 0.0050 2.5 0.005825 103 66 118 0 0

Sample ID	057872-093ADUP	SampType:	DUP	TestCode:	6010_WPB	Units:	mg/L	Prep Date:	7/12/2002	Run ID:	ICP5_020716A			
Client ID:	EB-14	Batch ID:	9533	TestNo:	EPA 6010B (EPA 3010A)			Analysis Date:	7/16/2002	SeqNo:	299363			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 0.004899 0.0050 0 0 0 0 0 0.005825 0 30 J

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



CLIENT: Geocon Environmental  
Work Order: 057872  
Project: Rte 5-SB, 09100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 9045\_S

Sample ID	057872-040ADUP	SampType:	DUP	TestCode:	9045_S	Units:	pH Units	Prep Date:	7/11/2002	Run ID:	WETCHEM_020711D		
Client ID:	S22-3	Batch ID:	R19311	TestNo:	EPA 9045C			Analysis Date:	7/11/2002	SeqNo:	297628		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

pH		7.02		0.10	0	0	0	0	0	7.14	1.69	20	
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Sample ID	057872-001ADUP	SampType:	DUP	TestCode:	9045_S	Units:	pH Units	Prep Date:	7/12/2002	Run ID:	WETCHEM_020712B		
Client ID:	S-13-S	Batch ID:	R19397	TestNo:	EPA 9045C			Analysis Date:	7/12/2002	SeqNo:	298954		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

pH		6.64		0.10	0	0	0	0	0	6.73	1.35	20	
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**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      **Calculations are based on raw values**



Advanced Technology Laboratories

Date: 24-Jul-02

CLIENT: Geocon Environmental
Work Order: 057872
Project: Rte 5-SB, 09100-06-49

ANALYTICAL QC SUMMARY REPORT

TestCode: 7420\_ST

Table with 12 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, Analysis Date, SeqNo, Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual. Row 1: MB-9712, MBLK, 7420\_ST, mg/L, 7/23/2002, AA2\_020723K, ZZZZZ, 9712, WET/ EPA 74 (WET), 7/23/2002, 304656, Lead, ND, 0.20

Table with 12 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, Analysis Date, SeqNo, Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual. Row 1: MB-9712A, MBLK, 7420\_ST, mg/L, 7/19/2002, AA2\_020723K, ZZZZZ, 9712, WET/ EPA 74 (WET), 7/23/2002, 304657, Lead, ND, 0.20

Table with 12 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, Analysis Date, SeqNo, Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual. Row 1: MB-9712B, MBLK, 7420\_ST, mg/L, 7/19/2002, AA2\_020723K, ZZZZZ, 9712, WET/ EPA 74 (WET), 7/23/2002, 304670, Lead, 0.08661, 0.20

Table with 12 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, Analysis Date, SeqNo, Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual. Row 1: MB-9717, MBLK, 7420\_ST, mg/L, 7/23/2002, AA2\_020723O, ZZZZZ, 9717, WET/ EPA 74 (WET), 7/23/2002, 304883, Lead, ND, 0.20

Table with 12 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, Analysis Date, SeqNo, Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual. Row 1: MB-9717A, MBLK, 7420\_ST, mg/L, 7/19/2002, AA2\_020723O, ZZZZZ, 9717, WET/ EPA 74 (WET), 7/23/2002, 304885, Lead, ND, 0.20

Qualifiers: ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits DO- Surrogate dilute out
J - Analyte detected below quantitation limits B - Analyte detected in the associated Method Blank H - Sample exceeded holding time
R - RPD outside accepted recovery limits Calculations are based on raw values



CLIENT: Geocon Environmental  
Work Order: 057872  
Project: Rte 5-SB, 09100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 7420\_ST

Sample ID	MB-9717B	SampType:	MBLK	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/19/2002	Run ID:	AA2_020723O			
Client ID:	ZZZZZ	Batch ID:	9717	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/23/2002	SeqNo:	304903			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 0.07281 0.20

Sample ID	MB-9718A	SampType:	MBLK	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/19/2002	Run ID:	AA2_020723P			
Client ID:	ZZZZZ	Batch ID:	9718	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/23/2002	SeqNo:	304918			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead ND 0.20

Sample ID	MB-9718B	SampType:	MBLK	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/19/2002	Run ID:	AA2_020723P			
Client ID:	ZZZZZ	Batch ID:	9718	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/23/2002	SeqNo:	304931			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead ND 0.20

Sample ID	MB-9718	SampType:	MBLK	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020723P			
Client ID:	ZZZZZ	Batch ID:	9718	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/23/2002	SeqNo:	304946			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead ND 0.20

Sample ID	LCS-9712	SampType:	LCS	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020723K			
Client ID:	ZZZZZ	Batch ID:	9712	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/23/2002	SeqNo:	304684			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 7.072 0.20 7.5 0 94.3 80 120 0 0

**Qualifiers:** ND - Not Detected at the Reporting Limit    S - Spike Recovery outside accepted recovery limits    DO- Surrogate dilute out  
 I - Analyte detected below quantitation limits    B - Analyte detected in the associated Method Blank    H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits    Calculations are based on raw values



CLIENT: Geocon Environmental  
Work Order: 057872  
Project: Rte 5-SB, 09100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 7420\_ST

Sample ID	LCS-9717	SampType:	LCS	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020723O			
Client ID:	ZZZZZ	Batch ID:	9717	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/23/2002	SeqNo:	304917			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead		7.468		0.20	7.5	0		99.6	80	120	0		0	
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Sample ID	LCS-9718	SampType:	LCS	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020723P			
Client ID:	ZZZZZ	Batch ID:	9718	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/23/2002	SeqNo:	304945			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead		7.342		0.20	7.5	0		97.9	80	120	0		0	
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Sample ID	057872-009AMS	SampType:	MS	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020723K			
Client ID:	S15-S	Batch ID:	9712	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/23/2002	SeqNo:	304669			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead		44.51		0.80	20	24.78		98.7	80	120	0		0	
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Sample ID	057872-026AMS	SampType:	MS	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020723K			
Client ID:	S19-1	Batch ID:	9712	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/23/2002	SeqNo:	304682			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead		12.35		0.20	5	8.343		80.2	80	120	0		0	
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Sample ID	057872-047AMS	SampType:	MS	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020723O			
Client ID:	S24-2	Batch ID:	9717	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/23/2002	SeqNo:	304902			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead		24.94		0.40	10	14.96		99.8	80	120	0		0	
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**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



CLIENT: Geocon Environmental  
Work Order: 057872  
Project: Rte 5-SB, 09100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 7420\_ST

Sample ID	057872-069AMS	SampType:	MS	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020723O		
Client ID:	S30-S	Batch ID:	9717	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/23/2002	SeqNo:	304915		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 33.77 0.60 15 20.16 90.8 80 120 0 0

Sample ID	057872-084AMS	SampType:	MS	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020723P		
Client ID:	S33-3	Batch ID:	9718	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/23/2002	SeqNo:	304930		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 99.77 2.0 50 53.66 92.2 80 120 0 0

Sample ID	057890-016AMS	SampType:	MS	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/23/2002	Run ID:	AA2_020723P		
Client ID:	ZZZZZ	Batch ID:	9718	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/23/2002	SeqNo:	304943		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 7.758 0.20 5 3.127 92.6 80 120 0 0

Sample ID	057872-009ADUP	SampType:	DUP	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/19/2002	Run ID:	AA2_020723K		
Client ID:	S15-S	Batch ID:	9712	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/23/2002	SeqNo:	304668		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 23.55 0.40 0 0 0 0 0 0 24.78 5.08 30

Sample ID	057872-026ADUP	SampType:	DUP	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/19/2002	Run ID:	AA2_020723K		
Client ID:	S19-1	Batch ID:	9712	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/23/2002	SeqNo:	304681		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 8.295 0.20 0 0 0 0 0 0 8.343 0.576 30

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO - Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



**CLIENT:** Geocon Environmental  
**Work Order:** 057872  
**Project:** Rte 5-SB, 09100-06-49

### ANALYTICAL QC SUMMARY REPORT

**TestCode:** 7420\_ST

Sample ID	057872-047ADUP	SampType:	DUP	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/19/2002	Run ID:	AA2_020723O		
Client ID:	S24-2	Batch ID:	9717	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/23/2002	SeqNo:	304901		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead		13.84		0.20	0	0	0	0	0	14.96	7.81	30	

Sample ID	057872-069ADUP	SampType:	DUP	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/19/2002	Run ID:	AA2_020723O		
Client ID:	S30-S	Batch ID:	9717	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/23/2002	SeqNo:	304914		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead		20.21		0.40	0	0	0	0	0	20.16	0.259	30	

Sample ID	057872-084ADUP	SampType:	DUP	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/19/2002	Run ID:	AA2_020723P		
Client ID:	S33-3	Batch ID:	9718	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/23/2002	SeqNo:	304929		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead		59.62		0.80	0	0	0	0	0	53.66	10.5	30	

Sample ID	057890-016ADUP	SampType:	DUP	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/19/2002	Run ID:	AA2_020723P		
Client ID:	ZZZZZ	Batch ID:	9718	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/23/2002	SeqNo:	304942		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead		4.332		0.20	0	0	0	0	0	3.127	32.3	30	R

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



Advanced Technology Laboratories

Date: 26-Jul-02

CLIENT: Geocon Environmental
Work Order: 057872
Project: Rte 5-SB, 09100-06-49

ANALYTICAL QC SUMMARY REPORT

TestCode: 7420\_TC

Table with 12 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, Analysis Date, SeqNo, Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual. Row 1: MB-9759, MBLK, 7420\_TC, mg/L, 7/22/2002, AA2\_020724G, ZZZZZ, 9759, EPA 1311/ 74 (EPA 3010A), 7/24/2002, 304789, Lead, 0.06796, 0.20, J

Table with 12 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, Analysis Date, SeqNo, Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual. Row 1: MB-9700-TCLP, MBLK, 7420\_TC, mg/L, 7/22/2002, AA2\_020724G, ZZZZZ, 9759, EPA 1311/ 74 (EPA 3010A), 7/24/2002, 304790, Lead, 0.04971, 0.20, J

Table with 12 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, Analysis Date, SeqNo, Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual. Row 1: MB-9760, mblk, 7420\_TC, mg/L, 7/22/2002, AA2\_020724I, ZZZZZ, 9760, EPA 1311/ 74 (EPA 3010A), 7/24/2002, 305895, Lead, ND, 0.20

Table with 12 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, Analysis Date, SeqNo, Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual. Row 1: MB-9701-TCLP, mblk, 7420\_TC, mg/L, 7/22/2002, AA2\_020724I, ZZZZZ, 9760, EPA 1311/ 74 (EPA 3010A), 7/24/2002, 305896, Lead, ND, 0.20

Table with 12 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, Analysis Date, SeqNo, Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual. Row 1: LCS-9759, LCS, 7420\_TC, mg/L, 7/22/2002, AA2\_020724G, ZZZZZ, 9759, EPA 1311/ 74 (EPA 3010A), 7/24/2002, 304804, Lead, 1.094, 0.20, 1, 0, 109, 80, 120, 0, 0

Qualifiers: ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits DO- Surrogate dilute out
J - Analyte detected below quantitation limits B - Analyte detected in the associated Method Blank H - Sample exceeded holding time
R - RPD outside accepted recovery limits Calculations are based on raw values



CLIENT: Geocon Environmental  
Work Order: 057872  
Project: Rte 5-SB, 09100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 7420\_TC

Sample ID	LCS-9760	SampType:	Ics	TestCode:	7420_TC	Units:	mg/L	Prep Date:	7/22/2002	Run ID:	AA2_020724I			
Client ID:	ZZZZZ	Batch ID:	9760	TestNo:	EPA 1311/ 74 (EPA 3010A)			Analysis Date:	7/24/2002	SeqNo:	305910			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 0.9348 0.20 1 0 93.5 80 120 0 0

Sample ID	057872-075AMS	SampType:	MS	TestCode:	7420_TC	Units:	mg/L	Prep Date:	7/22/2002	Run ID:	AA2_020724G			
Client ID:	S31-2	Batch ID:	9759	TestNo:	EPA 1311/ 74 (EPA 3010A)			Analysis Date:	7/24/2002	SeqNo:	304802			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 3.317 0.20 2.5 0.5134 112 80 120 0 0

Sample ID	057890-041AMS	SampType:	MS	TestCode:	7420_TC	Units:	mg/L	Prep Date:	7/22/2002	Run ID:	AA2_020724I			
Client ID:	ZZZZZ	Batch ID:	9760	TestNo:	EPA 1311/ 74 (EPA 3010A)			Analysis Date:	7/24/2002	SeqNo:	305908			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 7.809 0.20 3.125 4.323 112 80 120 0 0

Sample ID	057872-075ADUP	SampType:	DUP	TestCode:	7420_TC	Units:	mg/L	Prep Date:	7/22/2002	Run ID:	AA2_020724G			
Client ID:	S31-2	Batch ID:	9759	TestNo:	EPA 1311/ 74 (EPA 3010A)			Analysis Date:	7/24/2002	SeqNo:	304801			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 0.532 0.20 0 0 0 0 0 0.5134 3.55 30

Sample ID	057890-041ADUP	SampType:	DUP	TestCode:	7420_TC	Units:	mg/L	Prep Date:	7/22/2002	Run ID:	AA2_020724I			
Client ID:	ZZZZZ	Batch ID:	9760	TestNo:	EPA 1311/ 74 (EPA 3010A)			Analysis Date:	7/24/2002	SeqNo:	305907			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 4.248 0.20 0 0 0 0 0 4.323 1.75 30

Qualifiers: ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



Advanced Technology Laboratories

Date: 24-Jul-02

CLIENT: Geocon Environmental
Work Order: 057872
Project: Rte 5-SB, 09100-06-49

ANALYTICAL QC SUMMARY REPORT

TestCode: 7420\_DI

Table with 13 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, Analysis Date, SeqNo, Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual. Row 1: MB-9672, MBLK, 7420\_DI, mg/L, 7/22/2002, AA2\_020722G, ZZZZZ, 9672, WET DI/ EPA (WET), 7/22/2002, 303973, Lead, 0.06228, 0.20

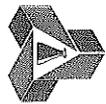
Table with 13 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, Analysis Date, SeqNo, Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual. Row 1: MB-9672A, MBLK, 7420\_DI, mg/L, 7/18/2002, AA2\_020722G, ZZZZZ, 9672, WET DI/ EPA (WET), 7/22/2002, 303974, Lead, 0.06745, 0.20

Table with 13 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, Analysis Date, SeqNo, Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual. Row 1: MB-9672B, MBLK, 7420\_DI, mg/L, 7/18/2002, AA2\_020722G, ZZZZZ, 9672, WET DI/ EPA (WET), 7/22/2002, 303987, Lead, ND, 0.20

Table with 13 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, Analysis Date, SeqNo, Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual. Row 1: LCS-9672, MBLK, 7420\_DI, mg/L, 7/22/2002, AA2\_020722G, ZZZZZ, 9672, WET DI/ EPA (WET), 7/22/2002, 304001, Lead, 7.094, 0.20

Table with 13 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, Analysis Date, SeqNo, Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual. Row 1: MB-9673, MBLK, 7420\_DI, mg/L, 7/22/2002, AA2\_020722H, ZZZZZ, 9673, WET DI/ EPA (WET), 7/22/2002, 304147, Lead, 0.04981, 0.20

Qualifiers: ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits DO- Surrogate dilute out
J - Analyte detected below quantitation limits B - Analyte detected in the associated Method Blank H - Sample exceeded holding time
R - RPD outside accepted recovery limits Calculations are based on raw values



CLIENT: Geocon Environmental  
Work Order: 057872  
Project: Rte 5-SB, 09100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 7420\_DI

Sample ID	MB-9673A	SampType:	MBLK	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/18/2002	Run ID:	AA2_020722H			
Client ID:	ZZZZZ	Batch ID:	9673	TestNo:	WET DI/ EPA (WET)			Analysis Date:	7/22/2002	SeqNo:	304148			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead ND 0.20

Sample ID	MB-9673B	SampType:	MBLK	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/18/2002	Run ID:	AA2_020722H			
Client ID:	ZZZZZ	Batch ID:	9673	TestNo:	WET DI/ EPA (WET)			Analysis Date:	7/22/2002	SeqNo:	304161			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead ND 0.20

Sample ID	MB-9674	SampType:	MBLK	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/22/2002	Run ID:	AA2_020722I			
Client ID:	ZZZZZ	Batch ID:	9674	TestNo:	WET DI/ EPA (WET)			Analysis Date:	7/22/2002	SeqNo:	304191			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead ND 0.20

Sample ID	MB-9674A	SampType:	MBLK	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/18/2002	Run ID:	AA2_020722I			
Client ID:	ZZZZZ	Batch ID:	9674	TestNo:	WET DI/ EPA (WET)			Analysis Date:	7/22/2002	SeqNo:	304192			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead ND 0.20

Sample ID	MB-9674B	SampType:	MBLK	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/18/2002	Run ID:	AA2_020722I			
Client ID:	ZZZZZ	Batch ID:	9674	TestNo:	WET DI/ EPA (WET)			Analysis Date:	7/22/2002	SeqNo:	304206			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead ND 0.20

Qualifiers: ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



CLIENT: Geocon Environmental  
Work Order: 057872  
Project: Rte 5-SB, 09100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 7420\_DI

Sample ID	LCS-9673	SampType:	LCS	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/22/2002	Run ID:	AA2_020722H			
Client ID:	ZZZZZ	Batch ID:	9673	TestNo:	WET DI/ EPA (WET)			Analysis Date:	7/22/2002	SeqNo:	304175			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	7.13	0.20	7.5	0	95.1	80	120	0	0					
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Sample ID	LCS-9674	SampType:	LCS	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/22/2002	Run ID:	AA2_020722I			
Client ID:	ZZZZZ	Batch ID:	9674	TestNo:	WET DI/ EPA (WET)			Analysis Date:	7/22/2002	SeqNo:	304220			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	7.047	0.20	7.5	0	94	80	120	0	0					
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Sample ID	057871-064AMS	SampType:	MS	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/22/2002	Run ID:	AA2_020722G			
Client ID:	ZZZZZ	Batch ID:	9672	TestNo:	WET DI/ EPA (WET)			Analysis Date:	7/22/2002	SeqNo:	303986			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	5.665	0.20	5	0.8686	95.9	80	120	0	0					
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Sample ID	057872-013AMS	SampType:	MS	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/22/2002	Run ID:	AA2_020722G			
Client ID:	S16-S	Batch ID:	9672	TestNo:	WET DI/ EPA (WET)			Analysis Date:	7/22/2002	SeqNo:	303999			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	4.918	0.20	5	0.3208	91.9	80	120	0	0					
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Sample ID	057872-033AMS	SampType:	MS	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/22/2002	Run ID:	AA2_020722H			
Client ID:	S21-S	Batch ID:	9673	TestNo:	WET DI/ EPA (WET)			Analysis Date:	7/22/2002	SeqNo:	304160			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	5.276	0.20	5	0.3661	98.2	80	120	0	0					
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**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      HI - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



CLIENT: Geocon Environmental  
Work Order: 057872  
Project: Rte 5-SB, 09100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 7420\_DI

Sample ID	057872-056AMS	SampType:	MS	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/22/2002	Run ID:	AA2_020722H			
Client ID:	S26-3	Batch ID:	9673	TestNo:	WET DI/ EPA (WET)			Analysis Date:	7/22/2002	SeqNo:	304173			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead		4.942		0.20	5	0		98.8	80	120	0		0	
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Sample ID	057890-006AMS	SampType:	MS	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/22/2002	Run ID:	AA2_020722I			
Client ID:	ZZZZZ	Batch ID:	9674	TestNo:	WET DI/ EPA (WET)			Analysis Date:	7/22/2002	SeqNo:	304218			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead		6.668		0.20	5	1.863		96.1	80	120	0		0	
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Sample ID	057872-078AMS	SampType:	MS	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/22/2002	Run ID:	AA2_020722I			
Client ID:	S32-1	Batch ID:	9674	TestNo:	WET DI/ EPA (WET)			Analysis Date:	7/22/2002	SeqNo:	304327			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead		6.549		0.20	5	1.567		99.6	80	120	0		0	
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Sample ID	057871-064ADUP	SampType:	DUP	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/18/2002	Run ID:	AA2_020722G			
Client ID:	ZZZZZ	Batch ID:	9672	TestNo:	WET DI/ EPA (WET)			Analysis Date:	7/22/2002	SeqNo:	303985			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead		0.3454		0.20	0	0		0	0	0	0.8686		86.2	30	R
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Sample ID	057872-013ADUP	SampType:	DUP	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/18/2002	Run ID:	AA2_020722G			
Client ID:	S16-S	Batch ID:	9672	TestNo:	WET DI/ EPA (WET)			Analysis Date:	7/22/2002	SeqNo:	303998			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead		0.2826		0.20	0	0		0	0	0	0.3208		12.7	30	
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**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



CLIENT: Geocon Environmental  
Work Order: 057872  
Project: Rte 5-SB, 09100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 7420\_DI

Sample ID	057872-033ADUP	SampType:	DUP	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/18/2002	Run ID:	AA2_020722H			
Client ID:	S21-S	Batch ID:	9673	TestNo:	WET DI/ EPA (WET)			Analysis Date:	7/22/2002	SeqNo:	304159			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead		0.2719		0.20	0	0		0	0	0	0.3661	29.5	30	
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Sample ID	057872-056ADUP	SampType:	DUP	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/18/2002	Run ID:	AA2_020722H			
Client ID:	S26-3	Batch ID:	9673	TestNo:	WET DI/ EPA (WET)			Analysis Date:	7/22/2002	SeqNo:	304172			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead		ND		0.20	0	0		0	0	0	0	0	30	
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Sample ID	057890-006ADUP	SampType:	DUP	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/18/2002	Run ID:	AA2_020722I			
Client ID:	ZZZZZ	Batch ID:	9674	TestNo:	WET DI/ EPA (WET)			Analysis Date:	7/22/2002	SeqNo:	304217			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead		1.47		0.20	0	0		0	0	0	1.863	23.6	30	
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Sample ID	057872-078ADUP	SampType:	DUP	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/18/2002	Run ID:	AA2_020722I			
Client ID:	S32-1	Batch ID:	9674	TestNo:	WET DI/ EPA (WET)			Analysis Date:	7/22/2002	SeqNo:	304300			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead		1.372		0.20	0	0		0	0	0	1.567	13.3	30	
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Qualifiers: ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values

REVISIONS  
BY \_\_\_\_\_ DATE \_\_\_\_\_  
BY \_\_\_\_\_ DATE \_\_\_\_\_

BY \_\_\_\_\_ DATE \_\_\_\_\_  
CHECKED BY \_\_\_\_\_

All samples → total lead (6010)  
total lead > 50 mg/kg → WET-Citric  
WET-CITRIC > 5 mg/L → WET-DI  
Total lead > 1,000 mg/kg → TCLP  
10% → soil pH (9045)

Please call when all totals have been run. I will instruct what samples should be run for Title 22 metals.

Thanks - Chris King

**Diane**

---

**From:** Chris King [king@geoconinc.com]  
**Sent:** Monday, July 22, 2002 10:57 AM  
**To:** 'Diane'  
**Subject:** 09100-06-49

Diane - please run the 15 samples with the highest total lead content for Title 22 metals. Please do this for each direction (northbound and southbound), so the total number of tests will be 30. Thank you and please call me if you have any questions.

Christopher S. King  
Senior Staff Engineer  
Geocon Consultants, Inc.

7/22/2002

July 12, 2002

Chris King  
Geocon Environmental  
6970 Flanders Drive  
San Diego, CA 92121  
TEL: (858) 558-6100  
FAX: (858) 558-8437

RE: Route 5-Southbound, 09100-06-49

Attention: Chris King

ELAP No.: 1838

NELAP No.: 02107CA

Workorder No.: 057841

Enclosed are the results for sample(s) received on July 09, 2002 by Advanced Technology Laboratories and tested for the parameters indicated in the enclosed chain of custody.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (562)989-4045 if I can be of further assistance to your company.

Sincerely,



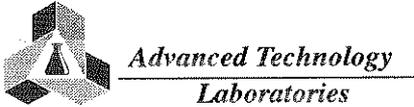
Eddie F. Rodriguez  
Laboratory Director

JUL 26 2002

This cover letter is an integral part of this analytical report.



# CHAIN OF CUSTODY RECORD



3275 Walnut Avenue  
Signal Hill, CA 90807  
(562) 989-4045 • FAX (562) 989-4040

## FOR LABORATORY USE ONLY:

P.O.#: _____	Method of Transport Walk-in <input type="checkbox"/> Courier <input type="checkbox"/> UPS <input type="checkbox"/> FED. EXP. <input type="checkbox"/> ATL <input checked="" type="checkbox"/>	Sample Condition Upon Receipt 1. CHILLED Y <input type="checkbox"/> N <input checked="" type="checkbox"/> 4. SEALED Y <input type="checkbox"/> N <input checked="" type="checkbox"/> 2. HEADSPACE (VOA) Y <input type="checkbox"/> N <input type="checkbox"/> 5. # OF SPLS MATCH COC Y <input checked="" type="checkbox"/> N <input type="checkbox"/> 3. CONTAINER INTACT Y <input checked="" type="checkbox"/> N <input type="checkbox"/> 6. PRESERVED Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
Logged By: <u>MM</u>	Date: <u>7/9/02</u> Time: _____	

Client: <b>GEOCON ENVIRONMENTAL - SAN DIEGO</b>	Address: 6970 Flanders Drive	TEL: ( 858 ) 558-6100
Attn: <u>CHRIS KING</u>	City: San Diego State: CA Zip Code: 92121	FAX: ( 858 ) 558-8437

Project Name: <u>Route 5 - Southbound</u>	Project #: <u>09100-06-49</u>	Sampler: <u>CSK/GCA</u> (Printed Name)	(Signature)
Relinquished by: <u>CSK</u> (Signature and Printed Name)	Date: <u>7/9/02</u>	Time: <u>4:30</u>	Received by: <u>[Signature]</u> (Signature and Printed Name)
Relinquished by: <u>[Signature]</u> (Signature and Printed Name)	Date: <u>7-9-02</u>	Time: <u>7:44</u>	Received by: <u>[Signature]</u> (Signature and Printed Name)
Relinquished by: _____ (Signature and Printed Name)	Date: _____	Time: _____	Received by: _____ (Signature and Printed Name)

I hereby authorize ATL to perform the work indicated below. Project Mgr /Submitter: <u>CSK</u> (Signature) Date: <u>7/9/02</u>	Send Report To: Attn: _____ Co: <u>Client</u> Address: _____ City: _____ State: _____ Zip: _____	Bill To: Attn: _____ Co: <u>Client</u> Address: _____ City: _____ State: _____ Zip: _____	Special Instructions/Comments: <u>See Attached</u>
---	--	---	---

Unless otherwise requested, all samples will be disposed 45 days after receipt.

Sample Archive/Disposal:  
 Laboratory Standard  
 Other \_\_\_\_\_  
 Return To: \_\_\_\_\_

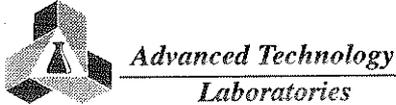
\* \$10.00 FEE PER HAZARDOUS SAMPLE DISPOSAL.

Circle or Add Analysis(es) Requested 8081 / 8082 (Pesticides/PCB-SO) 8260 (Volatiles-GC/MS) 825 / 8270 (BNA-GC/MS) Metals Total (CAC-8010 / 7000) 8015M TPH/G/BTEX (COMBINATION) 8015M TPH-ID (Diesel/GC) <u>TOT / Lead / Cad / Zn / Cu</u>	CIRCLE APPROPRIATE MATRIX SOLID • <u>POB</u> • SLUDGE OIL • SOLVENT • LIQUID WATER • WASTEWATER DRINKING WATER AIR WIFE • FILTER OTHER	Container(s) TAT # Type <u>E 156</u>
--	---	--

ITEM	LAB USE ONLY:		Sample Description			
	Batch #:	Lab No.	Sample I.D.	Date	Time	
		057841-001	S1-S	7/9	1113	
		2	S1-1		1115	
		3	S1-2		1118	
		4	S2-S		1123	
		5	S2-1		1125	
		6	S2-2		1131	
		7	S2-3		1135	
		8	S3-S		1146	
		9	S3-1		1155	
		10	S3-2		1200	

• TAT starts 8 a.m. following day if samples received after 5 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 <sub>3</sub> S=H <sub>2</sub> SO <sub>4</sub> C=4°C Z=Zn(AC) <sub>2</sub> O=NaOH T=Na <sub>2</sub> S <sub>2</sub> O <sub>8</sub>
Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal						

# CHAIN OF CUSTODY RECORD



**Advanced Technology Laboratories**  
 3275 Walnut Avenue  
 Signal Hill, CA 90807  
 (562) 989-4045 • FAX (562) 989-4040

## FOR LABORATORY USE ONLY:

P.O.#: _____	Method of Transport Walk-in <input type="checkbox"/> Courier <input type="checkbox"/> UPS <input type="checkbox"/> FED. EXP. <input type="checkbox"/> ATL <input checked="" type="checkbox"/>	Sample Condition Upon Receipt 1. CHILLED Y <input type="checkbox"/> N <input checked="" type="checkbox"/> 4. SEALED Y <input type="checkbox"/> N <input checked="" type="checkbox"/> 2. HEADSPACE (VOA) Y <input type="checkbox"/> N <input checked="" type="checkbox"/> 5. # OF SPLS MATCH COC Y <input checked="" type="checkbox"/> N <input type="checkbox"/> 3. CONTAINER INTACT Y <input checked="" type="checkbox"/> N <input type="checkbox"/> 6. PRESERVED Y <input type="checkbox"/> N <input checked="" type="checkbox"/>
Logged By: <u>DM</u>	Date: <u>7/9/02</u> Time: _____	

Client: <b>GEOCON ENVIRONMENTAL - SAN DIEGO</b>	Address: 6970 Flanders Drive	TEL: ( 858 ) 558-6100
Attn: <u>CHRIS KING</u>	City: San Diego State: CA Zip Code: 92121	FAX: ( 858 ) 558-8437

Project Name: <u>RS-5-SB</u>	Project #: <u>09100-06-49</u>	Sampler: (Printed Name) <u>CSK/GCA</u>	(Signature) _____
Relinquished by: (Signature and Printed Name) <u>C. King</u>	Date: <u>7/9/02</u> Time: <u>4:50</u>	Received by: (Signature and Printed Name) _____	Date: <u>7-9-02</u> Time: <u>5:00</u>
Relinquished by: (Signature and Printed Name) <u>W.S.</u>	Date: <u>7-9-02</u> Time: <u>12:44</u>	Received by: (Signature and Printed Name) <u>DM</u>	Date: <u>7/9/02</u> Time: <u>12:44</u>
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: <u>PSX</u> Print Name	Send Report To: Attn: _____ Co: <u>Client</u> Address _____ City _____ State _____ Zip _____	Bill To: Attn: _____ Co: <u>Client</u> Address _____ City _____ State _____ Zip _____	Special Instructions/Comments: <u>See Page 1</u>
Signature: _____ Date: <u>7/9/02</u>			

Unless otherwise requested, all samples will be disposed 45 days after receipt.	Sample Archive/Disposal: <input type="checkbox"/> Laboratory Standard <input type="checkbox"/> Other _____ <input type="checkbox"/> Return To: _____ * \$10.00 FEE PER HAZARDOUS SAMPLE DISPOSAL.	Circle or Add Analysis(es) Requested 8061 / 8082 (Pesticides/PCB-GC) 8260 (Volatiles-GC/MS) 825 / 8270 (BNA-GC/MS) Metals Total (CAC-8010 / 7000) 8015M TPH/G/TEXT (COMBINATION) 8015M TPH/G/TEXT (Diesel/GC) <u>X Total lead 6010</u>	CIRCLE APPROPRIATE MATRIX SOLID • SOIL • SLUDGE OIL • SOLVENT • LIQUID WATER • WASTEWATER DRINKING WATER AIR WIPE • FILTER OTHER _____	PRESERVATION RTNE <input type="checkbox"/> RWOCB <input type="checkbox"/> WIP <input type="checkbox"/> NAVY <input type="checkbox"/> CT <input checked="" type="checkbox"/> OTHER <input checked="" type="checkbox"/>
LAB USE ONLY: Batch #:	Sample Description			
Lab No.	Sample I.D.	Date	Time	Container(s) # Type
11	54-5	7/9	1146	E 1 56
12	54-1		1150	
13	54-2		1151	
14	54-3		1201	
15	55-5		1207	
16	55-1		1212	
17	55-2		1215	
18	55-3		1219	
19	56-5		1226	
20	56-1		1239	

• TAT starts 8 a.m. following day if samples received after 5 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 <sub>3</sub> S=H <sub>2</sub> SO <sub>4</sub> C=4°C Z=Zn(AC) <sub>2</sub> O=NaOH T=Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub>
Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Teclar G=Glass P=Plastic M=Metal						

# CHAIN OF CUSTODY RECORD



3275 Walnut Avenue  
Signal Hill, CA 90807  
(562) 989-4045 • FAX (562) 989-4040

## FOR LABORATORY USE ONLY:

P.O.#: _____	Method of Transport Walk-in <input type="checkbox"/> Courier <input type="checkbox"/> UPS <input type="checkbox"/> FED. EXP. <input type="checkbox"/> ATL <input checked="" type="checkbox"/>	Sample Condition Upon Receipt 1. CHILLED Y <input type="checkbox"/> N <input checked="" type="checkbox"/> 4. SEALED Y <input type="checkbox"/> N <input checked="" type="checkbox"/> 2. HEADSPACE (VOA) Y <input type="checkbox"/> N <input checked="" type="checkbox"/> 5. # OF SPLS MATCH COC Y <input checked="" type="checkbox"/> N <input type="checkbox"/> 3. CONTAINER INTACT Y <input checked="" type="checkbox"/> N <input type="checkbox"/> 6. PRESERVED Y <input type="checkbox"/> N <input checked="" type="checkbox"/>
Logged By: <u>[Signature]</u>	Date: <u>7/9/02</u> Time: _____	

Client: <b>GEOCON ENVIRONMENTAL - SAN DIEGO</b>	Address: 6970 Flanders Drive	TEL: ( 858 ) 558-6100
Attn: <u>CHRIS KING</u>	City: San Diego State: CA Zip Code: 92121	FAX: ( 858 ) 558-8437

Project Name: <u>PT 5-SB</u>	Project #: <u>09100-06-49</u>	Sampler: <u>CSK/KA</u>	(Signature) _____
Relinquished by: <u>[Signature]</u> C. King	Date: <u>7/9/02</u> Time: <u>4:50</u>	Received by: <u>[Signature]</u>	Date: <u>7-9-02</u> Time: <u>5P</u>
Relinquished by: <u>[Signature]</u>	Date: <u>7-9-02</u> Time: <u>4:44</u>	Received by: <u>[Signature]</u>	Date: <u>7/9/02</u> Time: <u>1:44</u>
Relinquished by: _____	Date: _____ Time: _____	Received by: _____	Date: _____ Time: _____

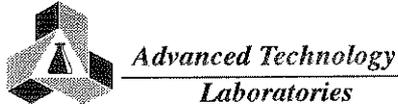
I hereby authorize ATL to perform the work indicated below: Project Mgr /Submitter: <u>[Signature]</u> <u>7/9/02</u> Print Name _____ Date _____ Signature _____	Send Report To: Attn: _____ Co: <u>[Signature]</u> Address _____ City _____ State _____ Zip _____	Bill To: Attn: _____ Co: <u>[Signature]</u> Address _____ City _____ State _____ Zip _____	Special Instructions/Comments: <u>See page 1</u>
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Unless otherwise requested, all samples will be disposed 45 days after receipt.	Sample Archive/Disposal: <input type="checkbox"/> Laboratory Standard <input type="checkbox"/> Other _____ <input type="checkbox"/> Return To: _____ * \$10.00 FEE PER HAZARDOUS SAMPLE DISPOSAL.	Circle or Add Analysis(es) Requested <u>8061 / 8082 (Pesticides/PCB-COC)</u> <u>8260 (Volatile GC/MS)</u> <u>8257 / 8270 (BVA-GC/MS)</u> <u>Metals Total (CAC-8070 / 7000)</u> <u>8015M TPH/GETEX (COMBINATION)</u> <u>8015M TPH/D (Diesel GC)</u> <u>Total Lead 600</u>
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ITEM	LAB USE ONLY:		Sample Description				CIRCLE APPROPRIATE MATRIX										PRESERVATION	REMARKS
	Batch #:	Lab No.	Sample I.D.	Date	Time													
		21	56-2	7/9	1247											RTNE <input type="checkbox"/>		
		22	56-3		1250											RWQCB <input type="checkbox"/>		
		23	57-5		1231											WIP <input type="checkbox"/>		
		24	57-1		1237											NAVY <input type="checkbox"/>		
		25	57-2		1248											CT <input checked="" type="checkbox"/>		
		26	57-3		1253											OTHER <input type="checkbox"/>		
		27	58-5		110													
		28	58-1		119													
		29	59-5		120													
		30	59-1		126													

• TAT starts 8 a.m. following day if samples received after 5 p.m.	TAT: A= <input type="checkbox"/> Overnight ≤ 24 hr	B= <input type="checkbox"/> Emergency Next workday	C= <input type="checkbox"/> Critical 2 Workdays	D= <input type="checkbox"/> Urgent 3 Workdays	E= <input type="checkbox"/> Routine 7 Workdays	Preservatives: H=HCl N=HNO <sub>3</sub> S=H <sub>2</sub> SO <sub>4</sub> C=4°C Z=Zn(AC) <sub>2</sub> O=NaOH T=Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub>
Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal						

# CHAIN OF CUSTODY RECORD



3275 Walnut Avenue  
Signal Hill, CA 90807  
(562) 989-4045 • FAX (562) 989-4040

## FOR LABORATORY USE ONLY:

P.O.#: _____	Method of Transport Walk-in <input type="checkbox"/> Courier <input type="checkbox"/> UPS <input type="checkbox"/> FED. EXP. <input type="checkbox"/> ATL <input checked="" type="checkbox"/>	Sample Condition Upon Receipt 1. CHILLED Y <input type="checkbox"/> N <input checked="" type="checkbox"/> 4. SEALED Y <input type="checkbox"/> N <input checked="" type="checkbox"/> 2. HEADSPACE (VOA) Y <input type="checkbox"/> N <input checked="" type="checkbox"/> 5. # OF SPLS MATCH COC Y <input checked="" type="checkbox"/> N <input type="checkbox"/> 3. CONTAINER INTACT <input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input checked="" type="checkbox"/> 6. PRESERVED Y <input type="checkbox"/> N <input checked="" type="checkbox"/>
Logged By: <u>MM</u>	Date: <u>7/9/02</u> Time: _____	

Client: <b>GEOCON ENVIRONMENTAL - SAN DIEGO</b>	Address: 6970 Flanders Drive	TEL: ( 858 ) 558-6100
Attn: <u>Charles King</u>	City: San Diego State: CA Zip Code: 92121	FAX: ( 858 ) 558-8437

Project Name: <u>RT65-SB</u>	Project #: <u>07100-06-49</u>	Sampler: _____ (Printed Name)	_____ (Signature)
Relinquished by: _____ (Signature and Printed Name)	Date: <u>7/9/02</u> Time: <u>4:50</u>	Received by: <u>MM</u> (Signature and Printed Name)	Date: <u>7-9-02</u> Time: <u>5P</u>
Relinquished by: <u>WLS</u> (Signature and Printed Name)	Date: <u>7-9-02</u> Time: <u>18:04</u>	Received by: <u>MM</u> (Signature and Printed Name)	Date: <u>7/9/02</u> Time: <u>1844</u>
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: <u>CSL</u> (Signature) Date: <u>7/9/02</u>	Send Report To: Attn: _____ Co: <u>Client</u> Address: _____ City: _____ State: _____ Zip: _____	Bill To: Attn: _____ Co: <u>Client</u> Address: _____ City: _____ State: _____ Zip: _____	Special Instructions/Comments: <u>See Page 1</u>
--	--	---	---

Unless otherwise requested, all samples will be disposed 45 days after receipt.

Sample Archive/Disposal:  
 Laboratory Standard  
 Other  
 Return To: \_\_\_\_\_

\* \$10.00 FEE PER HAZARDOUS SAMPLE DISPOSAL.

Circle or Add Analysis(es) Requested 8061 / 8062 (Pesticides/POB-GC) 8260 (Volatiles-GCMS) 825 / 8270 (BVA-GCMS) Metals Total (CAC-GCMS) 8015M TPH/G/BTEX (COMBINATION) 8015M TPH/D (Diesel/GC) <u>Total Lead Gold</u>	CIRCLE APPROPRIATE MATRIX SOLID (S) • SLUDGE OIL • SOLVENT • LIQUID WATER • WASTEWATER DRINKING WATER AIR WIPE • FILTER OTHER TAT # Type	<b>QA/QC</b> PRESERVATION RTNE <input type="checkbox"/> RWQCB <input type="checkbox"/> WIP <input type="checkbox"/> NAVY <input type="checkbox"/> CT <input checked="" type="checkbox"/> OTHER _____ REMARKS
---	--	--

ITEM	LAB USE ONLY:		Sample Description			
	Batch #:	Sample I.D.	Date	Time		
	31	S9-2	7/9	130		
	32	S9-3		138		
	33	S10-5		126		
	34	S10-1		130		
	35	S10-2		136		
	36	S10-3		142		
	37	S11-5		141		
	38	S11-1		145		
	39	S11-2		148		
	40	S11-3		150		

• TAT starts 8 a.m. following day if samples received after 5 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<sub>3</sub> S=H<sub>2</sub>SO<sub>4</sub> C=4°C  
Z=Zn(AC)<sub>2</sub> O=NaOH T=Na<sub>2</sub>S<sub>2</sub>O<sub>3</sub>

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

# CHAIN OF CUSTODY RECORD



3275 Walnut Avenue  
Signal Hill, CA 90807  
(562) 989-4045 • FAX (562) 989-4040

## FOR LABORATORY USE ONLY:

P.O.#: \_\_\_\_\_

Logged By: [Signature] Date: 7/9/02 Time: \_\_\_\_\_

### Method of Transport

- Walk-in
- Courier
- UPS
- FED. EXP.
- ATL

### 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 ENVIRONMENTAL - SAN DIEGO**

Address: 6970 Flanders Drive

TEL: ( 858 ) 558-6100

Attn: CHRIS KING

City San Diego

State CA

Zip Code 92121

FAX: ( 858 ) 558-8437

Project Name: RT 5 - SB

Project #: 09100-06-49

Sampler: CSK/GCA

Relinquished by: [Signature]

Date: 7/9/02 Time: 4:50

Received by: [Signature]

Date: 7-9-02 Time: 5:10

Relinquished by: [Signature]

Date: 7-9-02 Time: 18:44

Received by: [Signature]

Date: 7/9/02 Time: 18:44

Relinquished by: \_\_\_\_\_

Date: \_\_\_\_\_ Time: \_\_\_\_\_

Received by: \_\_\_\_\_

Date: \_\_\_\_\_ Time: \_\_\_\_\_

I hereby authorize ATL to perform the work indicated below:

Send Report To:

Bill To:

Special Instructions/Comments:

Project Mgr/Submitter:

Attn: [Signature]

Attn: [Signature]

See page 1

Print Name: \_\_\_\_\_ Date: \_\_\_\_\_  
Signature: \_\_\_\_\_

Co: \_\_\_\_\_  
Address: \_\_\_\_\_  
City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Co: \_\_\_\_\_  
Address: \_\_\_\_\_  
City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Unless otherwise requested, all samples will be disposed 45 days after receipt.

Sample Archive/Disposal:

- Laboratory Standard
- Other \_\_\_\_\_
- Return To: \_\_\_\_\_

\* \$10.00 FEE PER HAZARDOUS SAMPLE DISPOSAL.

Circle or Add Analysis(es) Requested

- 8001 / 8082 (Pesticides/POB-GC)
- 8200 (Volatiles-GC/MS)
- 8251 / 8270 (BVA-GC/MS)
- Metals Total (CAC-GC/MS)
- 8015M TPH/G/TEX (COMBINATION)
- 8015M TPH/D (Diesel/GC)
- Total / each 6010

CIRCLE APPROPRIATE MATRIX

- SOLID
- OIL • SOLVENT • SLUDGE
- WATER • WASTEWATER
- DRINKING WATER
- AIR
- WIPE • FILTER
- OTHER

- QA/QC**
- RTNE
  - RWOCB
  - WIP
  - NAVY
  - CT
  - OTHER

ITEM	LAB USE ONLY:		Sample Description			
	Batch #:	Lab No.	Sample I.D.	Date	Time	
		41	SR-5	7/9	151	
		42	SR-1		156	
		43	SR-2		200	
		44	SR-3		203	

PRESERVATION	CONTAINER(S)		REMARKS
	#	Type	
	1	56	

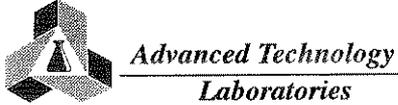
• TAT starts 8 a.m. following day if samples received after 5 p.m.

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<sub>3</sub> S=H<sub>2</sub>SO<sub>4</sub> C=4°C  
Z=Zn(AC)<sub>2</sub> O=NaOH T=Na<sub>2</sub>S<sub>2</sub>O<sub>3</sub>

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Teclar G=Glass P=Plastic M=Metal

# CHAIN OF CUSTODY RECORD



3275 Walnut Avenue  
Signal Hill, CA 90807  
(562) 989-4045 • FAX (562) 989-4040

## FOR LABORATORY USE ONLY:

P.O.#: _____	Method of Transport Walk-in <input type="checkbox"/> Courier <input type="checkbox"/> UPS <input type="checkbox"/> FED. EXP. <input type="checkbox"/> ATL <input checked="" type="checkbox"/>	Sample Condition Upon Receipt 1. CHILLED Y <input type="checkbox"/> N <input checked="" type="checkbox"/> 4. SEALED Y <input type="checkbox"/> N <input checked="" type="checkbox"/> 2. HEADSPACE (VOA) Y <input type="checkbox"/> N <input type="checkbox"/> 5. # OF SPLS MATCH COC Y <input checked="" type="checkbox"/> N <input type="checkbox"/> 3. CONTAINER INTACT Y <input checked="" type="checkbox"/> N <input type="checkbox"/> 6. PRESERVED Y <input type="checkbox"/> N <input type="checkbox"/>
Logged By: <u>[Signature]</u>	Date: <u>7/9/02</u> Time: _____	

Client: <b>GEOCON ENVIRONMENTAL - SAN DIEGO</b>	Address: 6970 Flanders Drive	TEL: ( 858 ) 558-6100
Attn: <u>CHRIS KING</u>	City: San Diego State: CA Zip Code: 92121	FAX: ( 858 ) 558-8437

Project Name: <u>RES SB</u>	Project #: <u>09100-06-49</u>	Sampler: <u>C. King</u> (Printed Name)	(Signature) <u>[Signature]</u>
Relinquished by: <u>[Signature]</u> C. King	Date: <u>7/9/02</u> Time: <u>4:50</u>	Received by: <u>[Signature]</u>	Date: <u>7-9-02</u> Time: <u>5P</u>
Relinquished by: <u>[Signature]</u> <u>WBR</u>	Date: <u>7-9-02</u> Time: <u>18:44</u>	Received by: <u>[Signature]</u>	Date: <u>7/9/02</u> Time: <u>18:44</u>
Relinquished by: _____	Date: _____ Time: _____	Received by: _____	Date: _____ Time: _____

I hereby authorize ATL to perform the work indicated below: Project Mgr/Submitter: <u>[Signature]</u> <u>7/9/02</u>	Send Report To: Attn: <u>Client</u> Co: <u>Client</u> Address: _____ City: _____ State: _____ Zip: _____	Bill To: Attn: <u>Client</u> Co: <u>Client</u> Address: _____ City: _____ State: _____ Zip: _____	Special Instructions/Comments:
--	--	---	--------------------------------

Unless otherwise requested, all samples will be disposed 45 days after receipt.

Sample Archive/Disposal:  
 Laboratory Standard  
 Other  
 Return To: \_\_\_\_\_

\* \$10.00 FEE PER HAZARDOUS SAMPLE DISPOSAL.

Circle or Add Analysis(es) Requested 8081 / 8082 (Pesticides/PCB-GC) 8280 (Volatiles-GC/MS) 825 / 8270 (BNA-GC/MS) Metals Total (CAC-GC/MS) 8015M TPH/G/TEXT (COMBINATION) 8015M TPH/D (Diesel-GC) <u>Total / Real 6070</u>	CIRCLE APPROPRIATE MATRIX SOLID • SOIL • SLUDGE OIL • SOLVENT • LIQUID WATER • WASTEWATER DRINKING WATER AIR WIFE • FILTER OTHER TAT # Type	QA/QC RTNE <input type="checkbox"/> RWQCB <input type="checkbox"/> WIP <input type="checkbox"/> NAVY <input type="checkbox"/> CT <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> PRESERVATION REMARKS
--	---	--

ITEM	LAB USE ONLY:		Sample Description			
	Batch #:	Lab No.	Sample I.D.	Date	Time	
↓		45	EB1	7/9	1203	
		46	EB2		1220	
		47	EB3		145	
		48	EB4		155	
		49	EB5		201	

• TAT starts 8 a.m. following day if samples received after 5 p.m.	TAT: A= <input type="checkbox"/> Overnight ≤ 24 hr	B= <input type="checkbox"/> Emergency Next workday	C= <input type="checkbox"/> Critical 2 Workdays	D= <input type="checkbox"/> Urgent 3 Workdays	E= <input type="checkbox"/> Routine 7 Workdays	Preservatives: H=HCl N=HNO <sub>3</sub> S=H <sub>2</sub> SO <sub>4</sub> C=4°C Z=Zn(AC) <sub>2</sub> O=NaOH T=Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub>
Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Teclar G=Glass P=Plastic M=Metal						

**Advanced Technology Laboratories**

Date: 7/12/2002

**LEAD BY ICP  
EPA 6010B**

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057841
<b>Project:</b>	Route 5-Southbound, 09100-06-49	<b>Date Received:</b>	7/9/2002 6:44:00
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	RQ

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057841-001A	S1-S	1400	mg/Kg	9476	5	1	7/9/2002	7/11/2002
057841-002A	S1-1	190	mg/Kg	9476	5	1	7/9/2002	7/11/2002
057841-003A	S1-2	33	mg/Kg	9476	5	1	7/9/2002	7/11/2002
057841-004A	S2-S	240	mg/Kg	9476	5	1	7/9/2002	7/11/2002
057841-005A	S2-1	85	mg/Kg	9476	5	1	7/9/2002	7/11/2002
057841-006A	S2-2	71	mg/Kg	9476	5	1	7/9/2002	7/11/2002
057841-007A	S2-3	76	mg/Kg	9476	5	1	7/9/2002	7/11/2002
057841-008A	S3-S	750	mg/Kg	9476	5	1	7/9/2002	7/11/2002
057841-009A	S3-1	340	mg/Kg	9476	5	1	7/9/2002	7/11/2002
057841-010A	S3-2	170	mg/Kg	9476	5	1	7/9/2002	7/11/2002
057841-011A	S4-S	230	mg/Kg	9476	5	1	7/9/2002	7/11/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



**LEAD BY ICP  
EPA 6010B**

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057841
<b>Project:</b>	Route 5-Southbound, 09100-06-49	<b>Date Received:</b>	7/9/2002 6:44:00
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	RQ

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057841-012A	S4-1	110	mg/Kg	9476	5	1	7/9/2002	7/11/2002
057841-013A	S4-2	21	mg/Kg	9476	5	1	7/9/2002	7/11/2002
057841-014A	S4-3	32	mg/Kg	9476	5	1	7/9/2002	7/11/2002
057841-015A	S5-S	340	mg/Kg	9476	5	1	7/9/2002	7/11/2002
057841-016A	S5-1	20	mg/Kg	9476	5	1	7/9/2002	7/11/2002
057841-017A	S5-2	6.6	mg/Kg	9476	5	1	7/9/2002	7/11/2002
057841-018A	S5-3	6.2	mg/Kg	9476	5	1	7/9/2002	7/11/2002
057841-019A	S6-S	210	mg/Kg	9476	5	1	7/9/2002	7/11/2002
057841-020A	S6-1	220	mg/Kg	9476	5	1	7/9/2002	7/11/2002
057841-021A	S6-2	110	mg/Kg	9477	5	1	7/9/2002	7/11/2002
057841-022A	S6-3	110	mg/Kg	9477	5	1	7/9/2002	7/11/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



**LEAD BY ICP  
EPA 6010B**

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057841
<b>Project:</b>	Route 5-Southbound, 09100-06-49	<b>Date Received:</b>	7/9/2002 6:44:00
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	RQ

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057841-023A	S7-S	57	mg/Kg	9477	5	1	7/9/2002	7/11/2002
057841-024A	S7-1	70	mg/Kg	9477	5	1	7/9/2002	7/11/2002
057841-025A	S7-2	13	mg/Kg	9477	5	1	7/9/2002	7/11/2002
057841-026A	S7-3	5.3	mg/Kg	9477	5	1	7/9/2002	7/11/2002
057841-027A	S8-S	310	mg/Kg	9477	5	1	7/9/2002	7/11/2002
057841-028A	S8-1	490	mg/Kg	9477	5	1	7/9/2002	7/11/2002
057841-029A	S9-S	220	mg/Kg	9477	5	1	7/9/2002	7/11/2002
057841-030A	S9-1	91	mg/Kg	9477	5	1	7/9/2002	7/11/2002
057841-031A	S9-2	76	mg/Kg	9477	5	1	7/9/2002	7/11/2002
057841-032A	S9-3	9.0	mg/Kg	9477	5	1	7/9/2002	7/11/2002
057841-033A	S10-S	200	mg/Kg	9477	5	1	7/9/2002	7/11/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



**LEAD BY ICP  
EPA 6010B**

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057841
<b>Project:</b>	Route 5-Southbound, 09100-06-49	<b>Date Received:</b>	7/9/2002 6:44:00
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	RQ

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057841-034A	S10-1	130	mg/Kg	9477	5	1	7/9/2002	7/11/2002
057841-035A	S10-2	23	mg/Kg	9477	5	1	7/9/2002	7/11/2002
057841-036A	S10-3	5.6	mg/Kg	9477	5	1	7/9/2002	7/11/2002
057841-037A	S11-S	300	mg/Kg	9477	5	1	7/9/2002	7/11/2002
057841-038A	S11-1	75	mg/Kg	9477	5	1	7/9/2002	7/11/2002
057841-039A	S11-2	6.0	mg/Kg	9477	5	1	7/9/2002	7/11/2002
057841-040A	S11-3	6.0	mg/Kg	9477	5	1	7/9/2002	7/11/2002
057841-041A	S12-S	1100	mg/Kg	9479	5	1	7/9/2002	7/11/2002
057841-042A	S12-1	47	mg/Kg	9479	5	1	7/9/2002	7/11/2002
057841-043A	S12-2	40	mg/Kg	9479	5	1	7/9/2002	7/11/2002
057841-044A	S12-3	7.2	mg/Kg	9479	5	1	7/9/2002	7/11/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



**Advanced Technology Laboratories**

Date: 7/23/2002

**ICP METALS  
EPA 6010B**

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057841
<b>Project:</b>	Route 5-Southbound, 09100-06-49	<b>Date Received:</b>	7/9/2002 6:44:00
<b>Project No:</b>		<b>Matrix:</b>	Water
<b>PO No:</b>		<b>Analyst:</b>	RQ

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057841-045A	EB1	ND	mg/L	9747	0.005	1	7/9/2002	7/22/2002
057841-045A	EB1	0.10	mg/L	9484	0.005	1	7/9/2002	7/11/2002
057841-046A	EB2	ND	mg/L	9484	0.005	1	7/9/2002	7/11/2002
057841-047A	EB3	ND	mg/L	9484	0.005	1	7/9/2002	7/11/2002
057841-048A	EB4	ND	mg/L	9484	0.005	1	7/9/2002	7/11/2002
057841-049A	EB5	ND	mg/L	9484	0.005	1	7/9/2002	7/11/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



**pH  
EPA 9045C**

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057841
<b>Project:</b>	Route 5-Southbound, 09100-06-49	<b>Date Received:</b>	7/9/2002 6:44:00
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	JT

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057841-001A	S1-S	6.44	pH Units	R19309	0.1	1	7/9/2002	7/11/2002
057841-010A	S3-2	7.59	pH Units	R19309	0.1	1	7/9/2002	7/11/2002
057841-020A	S6-1	7.30	pH Units	R19309	0.1	1	7/9/2002	7/11/2002
057841-030A	S9-1	7.95	pH Units	R19309	0.1	1	7/9/2002	7/11/2002
057841-040A	S11-3	8.23	pH Units	R19309	0.1	1	7/9/2002	7/11/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



LEAD BY ATOMIC ABSORPTION  
WET/ EPA 7420

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057841
<b>Project:</b>	Route 5-Southbound, 09100-06-49	<b>Date Received:</b>	7/9/2002 6:44:00
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	JT

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057841-002A	S1-1	13	mg/L	9550	0.2	1	7/9/2002	7/17/2002
057841-004A	S2-S	19	mg/L	9550	0.4	2	7/9/2002	7/17/2002
057841-005A	S2-1	6.6	mg/L	9550	0.2	1	7/9/2002	7/17/2002
057841-006A	S2-2	5.3	mg/L	9550	0.2	1	7/9/2002	7/17/2002
057841-007A	S2-3	4.2	mg/L	9550	0.2	1	7/9/2002	7/17/2002
057841-008A	S3-S	52	mg/L	9550	1	5	7/9/2002	7/17/2002
057841-009A	S3-1	25	mg/L	9550	0.4	2	7/9/2002	7/17/2002
057841-010A	S3-2	14	mg/L	9550	0.2	1	7/9/2002	7/17/2002
057841-011A	S4-S	18	mg/L	9550	0.4	2	7/9/2002	7/17/2002
057841-012A	S4-1	9.1	mg/L	9550	0.2	1	7/9/2002	7/17/2002
057841-015A	S5-S	19	mg/L	9550	0.4	2	7/9/2002	7/17/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



**LEAD BY ATOMIC ABSORPTION  
WET/ EPA 7420**

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057841
<b>Project:</b>	Route 5-Southbound, 09100-06-49	<b>Date Received:</b>	7/9/2002 6:44:00
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	JT

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057841-019A	S6-S	14	mg/L	9550	0.2	1	7/9/2002	7/17/2002
057841-020A	S6-1	15	mg/L	9550	0.2	1	7/9/2002	7/17/2002
057841-021A	S6-2	8.1	mg/L	9550	0.2	1	7/9/2002	7/17/2002
057841-022A	S6-3	5.8	mg/L	9550	0.2	1	7/9/2002	7/17/2002
057841-023A	S7-S	5.7	mg/L	9550	0.2	1	7/9/2002	7/17/2002
057841-024A	S7-1	3.7	mg/L	9550	0.2	1	7/9/2002	7/17/2002
057841-027A	S8-S	21	mg/L	9550	0.4	2	7/9/2002	7/17/2002
057841-028A	S8-1	35	mg/L	9550	0.8	4	7/9/2002	7/17/2002
057841-029A	S9-S	18	mg/L	9550	0.4	2	7/9/2002	7/17/2002
057841-030A	S9-1	4.1	mg/L	9551	0.2	1	7/9/2002	7/17/2002
057841-031A	S9-2	5.0	mg/L	9551	0.2	1	7/9/2002	7/17/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



**LEAD BY ATOMIC ABSORPTION  
WET/ EPA 7420**

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057841
<b>Project:</b>	Route 5-Southbound, 09100-06-49	<b>Date Received:</b>	7/9/2002 6:44:00
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	JT

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057841-033A	S10-S	11	mg/L	9551	0.2	1	7/9/2002	7/17/2002
057841-034A	S10-1	6.3	mg/L	9551	0.2	1	7/9/2002	7/17/2002
057841-037A	S11-S	17	mg/L	9551	0.4	2	7/9/2002	7/17/2002
057841-038A	S11-1	3.1	mg/L	9551	0.2	1	7/9/2002	7/17/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



LEAD BY ATOMIC ABSORPTION  
EPA 1311/ 7420

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057841
<b>Project:</b>	Route 5-Southbound, 09100-06-49	<b>Date Received:</b>	7/9/2002 6:44:00
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	JT

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057841-001A	S1-S	0.85	mg/L	9562	0.2	1	7/9/2002	7/16/2002
057841-041A	S12-S	1.8	mg/L	9562	0.2	1	7/9/2002	7/16/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



LEAD BY ATOMIC ABSORPTION  
WET DI/ EPA 7420

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057841
<b>Project:</b>	Route 5-Southbound, 09100-06-49	<b>Date Received:</b>	7/9/2002 6:44:00
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	JT

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057841-002A	S1-1	ND	mg/L	9554	0.2	1	7/9/2002	7/16/2002
057841-004A	S2-S	1.5	mg/L	9554	0.2	1	7/9/2002	7/16/2002
057841-005A	S2-1	0.85	mg/L	9554	0.2	1	7/9/2002	7/16/2002
057841-006A	S2-2	0.78	mg/L	9554	0.2	1	7/9/2002	7/16/2002
057841-008A	S3-S	4.4	mg/L	9554	0.2	1	7/9/2002	7/16/2002
057841-009A	S3-1	2.5	mg/L	9554	0.2	1	7/9/2002	7/16/2002
057841-010A	S3-2	1.9	mg/L	9554	0.2	1	7/9/2002	7/16/2002
057841-011A	S4-S	0.43	mg/L	9554	0.2	1	7/9/2002	7/16/2002
057841-012A	S4-1	0.82	mg/L	9554	0.2	1	7/9/2002	7/16/2002
057841-015A	S5-S	ND	mg/L	9554	0.2	1	7/9/2002	7/16/2002
057841-019A	S6-S	0.49	mg/L	9554	0.2	1	7/9/2002	7/16/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified



**LEAD BY ATOMIC ABSORPTION  
WET DI/ EPA 7420**

<b>CLIENT:</b>	Geocon Environmental	<b>Lab Order:</b>	057841
<b>Project:</b>	Route 5-Southbound, 09100-06-49	<b>Date Received:</b>	7/9/2002 6:44:00
<b>Project No:</b>		<b>Matrix:</b>	Soil
<b>PO No:</b>		<b>Analyst:</b>	JT

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
057841-020A	S6-1	0.42	mg/L	9554	0.2	1	7/9/2002	7/16/2002
057841-021A	S6-2	0.56	mg/L	9554	0.2	1	7/9/2002	7/16/2002
057841-022A	S6-3	ND	mg/L	9554	0.2	1	7/9/2002	7/16/2002
057841-023A	S7-S	ND	mg/L	9554	0.2	1	7/9/2002	7/16/2002
057841-027A	S8-S	ND	mg/L	9554	0.2	1	7/9/2002	7/16/2002
057841-028A	S8-1	ND	mg/L	9554	0.2	1	7/9/2002	7/16/2002
057841-029A	S9-S	ND	mg/L	9554	0.2	1	7/9/2002	7/16/2002
057841-031A	S9-2	ND	mg/L	9555	0.2	1	7/9/2002	7/16/2002
057841-033A	S10-S	0.43	mg/L	9555	0.2	1	7/9/2002	7/16/2002
057841-034A	S10-1	0.61	mg/L	9555	0.2	1	7/9/2002	7/16/2002
057841-037A	S11-S	ND	mg/L	9555	0.2	1	7/9/2002	7/16/2002

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	Results are wet unless otherwise specified





Advanced Technology Laboratories

Date: 12-Jul-02

CLIENT: Geocon Environmental
Work Order: 057841
Project: Route 5-Southbound, 09100-06-49

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010\_SPB

Table with 13 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, Analysis Date, SeqNo, Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual. Row 1: MB-9476, MBLK, 6010\_SPB, mg/Kg, 7/10/2002, ICP5\_020711B, ZZZZZ, 9476, EPA 6010B (EPA 3050M), 7/11/2002, 297529, Lead, ND, 5.0

Table with 13 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, Analysis Date, SeqNo, Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual. Row 1: MB-9476B, MBLK, 6010\_SPB, mg/Kg, 7/10/2002, ICP5\_020711B, ZZZZZ, 9476, EPA 6010B (EPA 3050M), 7/11/2002, 297530, Lead, ND, 5.0

Table with 13 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, Analysis Date, SeqNo, Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual. Row 1: MB-9477, MBLK, 6010\_SPB, mg/Kg, 7/10/2002, ICP5\_020711C, ZZZZZ, 9477, EPA 6010B (EPA 3050M), 7/11/2002, 297557, Lead, ND, 5.0

Table with 13 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, Analysis Date, SeqNo, Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual. Row 1: MB-9477B, MBLK, 6010\_SPB, mg/Kg, 7/10/2002, ICP5\_020711C, ZZZZZ, 9477, EPA 6010B (EPA 3050M), 7/11/2002, 297558, Lead, ND, 5.0

Table with 13 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, Analysis Date, SeqNo, Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual. Row 1: MB-9479, MBLK, 6010\_SPB, mg/Kg, 7/10/2002, ICP5\_020711D, ZZZZZ, 9479, EPA 6010B (EPA 3050M), 7/11/2002, 297568, Lead, ND, 5.0

Qualifiers: ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits DO - Surrogate dilute out
J - Analyte detected below quantitation limits B - Analyte detected in the associated Method Blank H - Sample exceeded holding time
R - RPD outside accepted recovery limits Calculations are based on raw values



CLIENT: Geocon Environmental  
Work Order: 057841  
Project: Route 5-Southbound, 09100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 6010\_SPB

Sample ID	LCS-9476	SampType:	LCS	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/10/2002	Run ID:	ICP5_020711B		
Client ID:	ZZZZZ	Batch ID:	9476	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/11/2002	SeqNo:	297528		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead		263.6		5.0	250	0	105	80	120	0	0		
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Sample ID	LCS-9477	SampType:	LCS	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/10/2002	Run ID:	ICP5_020711C		
Client ID:	ZZZZZ	Batch ID:	9477	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/11/2002	SeqNo:	297556		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead		270.4		5.0	250	0	108	80	120	0	0		
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Sample ID	LCS-9479	SampType:	LCS	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/10/2002	Run ID:	ICP5_020711D		
Client ID:	ZZZZZ	Batch ID:	9479	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/11/2002	SeqNo:	297567		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead		275.2		5.0	250	0	110	80	120	0	0		
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Sample ID	057841-010AMS	SampType:	MS	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/10/2002	Run ID:	ICP5_020711B		
Client ID:	S3-2	Batch ID:	9476	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/11/2002	SeqNo:	297514		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead		358		5.0	250	172.6	74.1	47	128	0	0		
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Sample ID	057841-020AMS	SampType:	MS	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/10/2002	Run ID:	ICP5_020711B		
Client ID:	S6-1	Batch ID:	9476	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/11/2002	SeqNo:	297526		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead		423.7		5.0	250	224.2	79.8	47	128	0	0		
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**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO - Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



CLIENT: Geocon Environmental  
Work Order: 057841  
Project: Route 5-Southbound, 09100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 6010\_SPB

Sample ID	057841-030AMS	SampType:	MS	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/10/2002	Run ID:	ICP5_020711C		
Client ID:	S9-1	Batch ID:	9477	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/11/2002	SeqNo:	297542		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	263.6	5.0	250	90.64	69.2	47	128	0	0				
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Sample ID	057841-040AMS	SampType:	MS	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/10/2002	Run ID:	ICP5_020711C		
Client ID:	S11-3	Batch ID:	9477	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/11/2002	SeqNo:	297554		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	170.6	5.0	250	6.043	65.8	47	128	0	0				
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Sample ID	057841-044AMS	SampType:	MS	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/10/2002	Run ID:	ICP5_020711D		
Client ID:	S12-3	Batch ID:	9479	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/11/2002	SeqNo:	297564		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	181.8	5.0	250	7.234	69.8	47	128	0	0				
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Sample ID	057841-010ADUP	SampType:	DUP	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/10/2002	Run ID:	ICP5_020711B		
Client ID:	S3-2	Batch ID:	9476	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/11/2002	SeqNo:	297513		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	213.1	5.0	0	0	0	0	0	0	172.6	21.0	30		
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Sample ID	057841-020ADUP	SampType:	DUP	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/10/2002	Run ID:	ICP5_020711B		
Client ID:	S6-1	Batch ID:	9476	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/11/2002	SeqNo:	297525		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	195.7	5.0	0	0	0	0	0	0	224.2	13.6	30		
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**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO - Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



CLIENT: Geocon Environmental  
Work Order: 057841  
Project: Route 5-Southbound, 09100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 6010\_SPB

Sample ID	057841-030ADUP	SampType:	DUP	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/10/2002	Run ID:	ICP5_020711C		
Client ID:	S9-1	Batch ID:	9477	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/11/2002	SeqNo:	297541		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead		76.51		5.0	0	0	0	0	0	0	90.64	16.9	30
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Sample ID	057841-040ADUP	SampType:	DUP	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/10/2002	Run ID:	ICP5_020711C		
Client ID:	S11-3	Batch ID:	9477	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/11/2002	SeqNo:	297553		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead		5.552		5.0	0	0	0	0	0	6.043	8.47	30	
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Sample ID	057841-044ADUP	SampType:	DUP	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	7/10/2002	Run ID:	ICP5_020711D		
Client ID:	S12-3	Batch ID:	9479	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	7/11/2002	SeqNo:	297563		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead		7.625		5.0	0	0	0	0	0	7.234	5.25	30	
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Qualifiers: ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



CLIENT: Geocon Environmental  
Work Order: 057841  
Project: Route 5-Southbound, 09100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 6010\_WPB

Sample ID	MB-9484	SampType:	MBLK	TestCode:	6010_WPB	Units:	mg/L	Prep Date:	7/10/2002	Run ID:	ICP2_020711F			
Client ID:	ZZZZZ	Batch ID:	9484	TestNo:	EPA 6010B (EPA 3010A)			Analysis Date:	7/11/2002	SeqNo:	297603			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead ND 0.0050

Sample ID	LCS-9484	SampType:	LCS	TestCode:	6010_WPB	Units:	mg/L	Prep Date:	7/10/2002	Run ID:	ICP2_020711F			
Client ID:	ZZZZZ	Batch ID:	9484	TestNo:	EPA 6010B (EPA 3010A)			Analysis Date:	7/11/2002	SeqNo:	297604			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 0.99 0.0050 1 0 99 80 120 0 0

Sample ID	057842-055AMS	SampType:	MS	TestCode:	6010_WPB	Units:	mg/L	Prep Date:	7/10/2002	Run ID:	ICP2_020711F			
Client ID:	ZZZZZ	Batch ID:	9484	TestNo:	EPA 6010B (EPA 3010A)			Analysis Date:	7/11/2002	SeqNo:	297618			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 2.51 0.0050 2.5 0 100 66 118 0 0

Sample ID	057842-055ADUP	SampType:	DUP	TestCode:	6010_WPB	Units:	mg/L	Prep Date:	7/10/2002	Run ID:	ICP2_020711F			
Client ID:	ZZZZZ	Batch ID:	9484	TestNo:	EPA 6010B (EPA 3010A)			Analysis Date:	7/11/2002	SeqNo:	297616			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead ND 0.0050 0 0 0 0 0 0 0 0 0 30

Qualifiers: ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



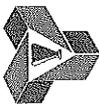
CLIENT: Geocon Environmental  
Work Order: 057841  
Project: Route 5-Southbound, 09100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 9045\_S

Sample ID: 057842-050ADUP	SampType: DUP	TestCode: 9045_S	Units: pH Units	Prep Date: 7/11/2002	Run ID: WETCHEM_020711C						
Client ID: ZZZZZ	Batch ID: R19309	TestNo: EPA 9045C		Analysis Date: 7/11/2002	SeqNo: 297600						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
pH	8.03	0.10	0	0	0	0	0	8.01	0.249	20	

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



Advanced Technology Laboratories

Date: 18-Jul-02

CLIENT: Geocon Environmental
Work Order: 057841
Project: Route 5-Southbound, 09100-06-49

ANALYTICAL QC SUMMARY REPORT

TestCode: 7420\_ST

Table with 13 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, Analysis Date, SeqNo, Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual. Row 1: MB-9550, MBLK, 7420\_ST, mg/L, 7/17/2002, AA2\_020717A, ZZZZZ, 9550, WET/ EPA 74 (WET), 7/17/2002, 300401, Lead, ND, 0.20

Table with 13 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, Analysis Date, SeqNo, Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual. Row 1: MB-9550A, MBLK, 7420\_ST, mg/L, 7/13/2002, AA2\_020717A, ZZZZZ, 9550, WET/ EPA 74 (WET), 7/17/2002, 300402, Lead, ND, 0.20

Table with 13 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, Analysis Date, SeqNo, Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual. Row 1: MB-9550B, MBLK, 7420\_ST, mg/L, 7/13/2002, AA2\_020717A, ZZZZZ, 9550, WET/ EPA 74 (WET), 7/17/2002, 300415, Lead, ND, 0.20

Table with 13 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, Analysis Date, SeqNo, Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual. Row 1: MB-9551, MBLK, 7420\_ST, mg/L, 7/17/2002, AA2\_020717B, ZZZZZ, 9551, WET/ EPA 74 (WET), 7/17/2002, 300430, Lead, ND, 0.20

Table with 13 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, Analysis Date, SeqNo, Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual. Row 1: MB-9551A, MBLK, 7420\_ST, mg/L, 7/13/2002, AA2\_020717B, ZZZZZ, 9551, WET/ EPA 74 (WET), 7/17/2002, 300431, Lead, 0.07002, 0.20

Qualifiers: ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits DO- Surrogate dilute out
J - Analyte detected below quantitation limits B - Analyte detected in the associated Method Blank H - Sample exceeded holding time
R - RPD outside accepted recovery limits Calculations are based on raw values



**CLIENT:** Geocon Environmental  
**Work Order:** 057841  
**Project:** Route 5-Southbound, 09100-06-49

### ANALYTICAL QC SUMMARY REPORT

**TestCode:** 7420\_ST

Sample ID	MB-9551B	SampType:	MBLK	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/13/2002	Run ID:	AA2_020717B			
Client ID:	ZZZZZ	Batch ID:	9551	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/17/2002	SeqNo:	300444			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead		Result	ND	PQL	0.20									
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Sample ID	LCS-9550	SampType:	LCS	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/17/2002	Run ID:	AA2_020717A			
Client ID:	ZZZZZ	Batch ID:	9550	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/17/2002	SeqNo:	300429			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead		Result	7.491	PQL	0.20	SPK value	7.5	SPK Ref Val	0	%REC	99.9	LowLimit	80	HighLimit	120	RPD Ref Val	0	%RPD	0	RPDLimit		Qual	
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Sample ID	LCS-9551	SampType:	LCS	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/17/2002	Run ID:	AA2_020717B			
Client ID:	ZZZZZ	Batch ID:	9551	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/17/2002	SeqNo:	300458			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead		Result	7.471	PQL	0.20	SPK value	7.5	SPK Ref Val	0	%REC	99.6	LowLimit	80	HighLimit	120	RPD Ref Val	0	%RPD	0	RPDLimit		Qual	
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Sample ID	057841-012AMS	SampType:	MS	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/17/2002	Run ID:	AA2_020717A			
Client ID:	S4-1	Batch ID:	9550	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/17/2002	SeqNo:	300414			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead		Result	14.03	PQL	0.20	SPK value	5	SPK Ref Val	9.102	%REC	98.6	LowLimit	80	HighLimit	120	RPD Ref Val	0	%RPD	0	RPDLimit		Qual	
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Sample ID	057841-029AMS	SampType:	MS	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/17/2002	Run ID:	AA2_020717A			
Client ID:	S9-S	Batch ID:	9550	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/17/2002	SeqNo:	300427			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead		Result	27.94	PQL	0.40	SPK value	10	SPK Ref Val	18.1	%REC	98.4	LowLimit	80	HighLimit	120	RPD Ref Val	0	%RPD	0	RPDLimit		Qual	
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**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DQ - Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



CLIENT: Geocon Environmental  
Work Order: 057841  
Project: Route 5-Southbound, 09100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 7420\_ST

Sample ID	057842-007AMS	SampType:	MS	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/17/2002	Run ID:	AA2_020717B
Client ID:	ZZZZZ	Batch ID:	9551	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/17/2002	SeqNo:	300443
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	8.479	0.20	5	3.853	92.5	80	120	0	0		
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Sample ID	057842-032AMS	SampType:	MS	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/17/2002	Run ID:	AA2_020717B
Client ID:	ZZZZZ	Batch ID:	9551	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/17/2002	SeqNo:	300456
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	67.84	1.0	25	46.92	83.7	80	120	0	0		
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Sample ID	057841-012ADUP	SampType:	DUP	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/13/2002	Run ID:	AA2_020717A
Client ID:	S4-1	Batch ID:	9550	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/17/2002	SeqNo:	300413
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	8.149	0.20	0	0	0	0	0	9.102	11.0	30	
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Sample ID	057841-029ADUP	SampType:	DUP	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/13/2002	Run ID:	AA2_020717A
Client ID:	S9-S	Batch ID:	9550	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/17/2002	SeqNo:	300426
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	14.96	0.40	0	0	0	0	0	18.1	19.0	30	
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Sample ID	057842-007ADUP	SampType:	DUP	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/13/2002	Run ID:	AA2_020717B
Client ID:	ZZZZZ	Batch ID:	9551	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/17/2002	SeqNo:	300442
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	3.95	0.20	0	0	0	0	0	3.853	2.48	30	
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Qualifiers: ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



CLIENT: Geocon Environmental  
Work Order: 057841  
Project: Route 5-Southbound, 09100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 7420\_ST

Sample ID	057842-032ADUP	SampType:	DUP	TestCode:	7420_ST	Units:	mg/L	Prep Date:	7/13/2002	Run ID:	AA2_020717B		
Client ID:	ZZZZZ	Batch ID:	9551	TestNo:	WET/ EPA 74 (WET)			Analysis Date:	7/17/2002	SeqNo:	300455		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead		48.39		0.80	0	0	0	0	0	46.92	3.09	30	

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



Advanced Technology Laboratories

Date: 18-Jul-02

CLIENT: Geocon Environmental
Work Order: 057841
Project: Route 5-Southbound, 09100-06-49

ANALYTICAL QC SUMMARY REPORT

TestCode: 7420\_TC

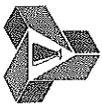
Table with 12 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, Analysis Date, SeqNo, Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual. Row 1: MB-9562, MBLK, 7420\_TC, mg/L, 7/14/2002, AA2\_020716A, ZZZZZ, 9562, EPA 1311/ 74 (EPA 3010A), 7/16/2002, 299992, Lead, ND, 0.20

Table with 12 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, Analysis Date, SeqNo, Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual. Row 1: MB-9559-TCLP, MBLK, 7420\_TC, mg/L, 7/14/2002, AA2\_020716A, ZZZZZ, 9562, EPA 1311/ 74 (EPA 3010A), 7/16/2002, 299993, Lead, ND, 0.20

Table with 12 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, Analysis Date, SeqNo, Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual. Row 1: LCS-9562, LCS, 7420\_TC, mg/L, 7/14/2002, AA2\_020716A, ZZZZZ, 9562, EPA 1311/ 74 (EPA 3010A), 7/16/2002, 299999, Lead, 1.053, 0.20, 1, 0, 105, 80, 120, 0, 0

Table with 12 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, Analysis Date, SeqNo, Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual. Row 1: 057841-041AMS, MS, 7420\_TC, mg/L, 7/14/2002, AA2\_020716A, S12-S, 9562, EPA 1311/ 74 (EPA 3010A), 7/16/2002, 299997, Lead, 4.023, 0.20, 2.5, 1.796, 89.1, 80, 120, 0, 0

Qualifiers: ND - Not Detected at the Reporting Limit, S - Spike Recovery outside accepted recovery limits, DO- Surrogate dilute out, J - Analyte detected below quantitation limits, B - Analyte detected in the associated Method Blank, H - Sample exceeded holding time, R - RPD outside accepted recovery limits, Calculations are based on raw values



Advanced Technology Laboratories

Date: 18-Jul-02

CLIENT: Geocon Environmental
Work Order: 057841
Project: Route 5-Southbound, 09100-06-49

ANALYTICAL QC SUMMARY REPORT

TestCode: 7420\_DI

Table with 13 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, Analysis Date, SeqNo, Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual. Row 1: MB-9554, MBLK, 7420\_DI, mg/L, 7/16/2002, AA2\_020716B, ZZZZZ, 9554, WET DI/ EPA (WET), 7/16/2002, 300000, Lead, ND, 0.20

Table with 13 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, Analysis Date, SeqNo, Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual. Row 1: MB-9554A, MBLK, 7420\_DI, mg/L, 7/13/2002, AA2\_020716B, ZZZZZ, 9554, WET DI/ EPA (WET), 7/16/2002, 300001, Lead, ND, 0.20

Table with 13 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, Analysis Date, SeqNo, Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual. Row 1: MB-9554B, MBLK, 7420\_DI, mg/L, 7/13/2002, AA2\_020716B, ZZZZZ, 9554, WET DI/ EPA (WET), 7/16/2002, 300014, Lead, ND, 0.20

Table with 13 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, Analysis Date, SeqNo, Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual. Row 1: MB-9555, MBLK, 7420\_DI, mg/L, 7/16/2002, AA2\_020716C, ZZZZZ, 9555, WET DI/ EPA (WET), 7/16/2002, 300044, Lead, ND, 0.20

Table with 13 columns: Sample ID, SampType, TestCode, Units, Prep Date, Run ID, Client ID, Batch ID, TestNo, Analysis Date, SeqNo, Analyte, Result, PQL, SPK value, SPK Ref Val, %REC, LowLimit, HighLimit, RPD Ref Val, %RPD, RPDLimit, Qual. Row 1: MB-9555A, MBLK, 7420\_DI, mg/L, 7/13/2002, AA2\_020716C, ZZZZZ, 9555, WET DI/ EPA (WET), 7/16/2002, 300045, Lead, ND, 0.20

Qualifiers: ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits DO- Surrogate dilute out
J - Analyte detected below quantitation limits B - Analyte detected in the associated Method Blank H - Sample exceeded holding time
R - RPD outside accepted recovery limits Calculations are based on raw values



CLIENT: Geocon Environmental  
Work Order: 057841  
Project: Route 5-Southbound, 09100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 7420\_DI

Sample ID	MB-9555B	SampType:	MBLK	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/13/2002	Run ID:	AA2_020716C
Client ID:	ZZZZZ	Batch ID:	9555	TestNo:	WET DI/ EPA (WET)	Analysis Date:	7/16/2002	SeqNo:	300058		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	ND	0.20									
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Sample ID	LCS-9554	SampType:	LCS	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/16/2002	Run ID:	AA2_020716B
Client ID:	ZZZZZ	Batch ID:	9554	TestNo:	WET DI/ EPA (WET)	Analysis Date:	7/16/2002	SeqNo:	300028		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	7.518	0.20	7.5	0	100	80	120	0	0		
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Sample ID	LCS-9555	SampType:	LCS	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/16/2002	Run ID:	AA2_020716C
Client ID:	ZZZZZ	Batch ID:	9555	TestNo:	WET DI/ EPA (WET)	Analysis Date:	7/16/2002	SeqNo:	300072		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	7.689	0.20	7.5	0	103	80	120	0	0		
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Sample ID	057841-012AMS	SampType:	MS	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/16/2002	Run ID:	AA2_020716B
Client ID:	S4-1	Batch ID:	9554	TestNo:	WET DI/ EPA (WET)	Analysis Date:	7/16/2002	SeqNo:	300013		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	5.993	0.20	5	0.822	103	80	120	0	0		
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Sample ID	057841-029AMS	SampType:	MS	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/16/2002	Run ID:	AA2_020716B
Client ID:	S9-S	Batch ID:	9554	TestNo:	WET DI/ EPA (WET)	Analysis Date:	7/16/2002	SeqNo:	300026		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	5.466	0.20	5	0.1222	107	80	120	0	0		
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**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



CLIENT: Geocon Environmental  
Work Order: 057841  
Project: Route 5-Southbound, 09100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 7420\_DI

Sample ID	057842-007AMS	SampType:	MS	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/16/2002	Run ID:	AA2_020716C
Client ID:	ZZZZZ	Batch ID:	9555	TestNo:	WET DI/ EPA (WET)			Analysis Date:	7/16/2002	SeqNo:	300057
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	5.464	0.20	5	0	109	80	120	0	0		
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Sample ID	057842-032AMS	SampType:	MS	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/16/2002	Run ID:	AA2_020716C
Client ID:	ZZZZZ	Batch ID:	9555	TestNo:	WET DI/ EPA (WET)			Analysis Date:	7/16/2002	SeqNo:	300070
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	20.55	0.40	10	10.22	103	80	120	0	0		
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Sample ID	057841-012ADUP	SampType:	DUP	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/13/2002	Run ID:	AA2_020716B
Client ID:	S4-1	Batch ID:	9554	TestNo:	WET DI/ EPA (WET)			Analysis Date:	7/16/2002	SeqNo:	300012
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	0.6426	0.20	0	0	0	0	0	0.822	24.5	30	
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Sample ID	057841-029ADUP	SampType:	DUP	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/13/2002	Run ID:	AA2_020716B
Client ID:	S9-S	Batch ID:	9554	TestNo:	WET DI/ EPA (WET)			Analysis Date:	7/16/2002	SeqNo:	300025
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	0.2461	0.20	0	0	0	0	0	0.1222	67.3	30	R
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Sample ID	057842-007ADUP	SampType:	DUP	TestCode:	7420_DI	Units:	mg/L	Prep Date:	7/13/2002	Run ID:	AA2_020716C
Client ID:	ZZZZZ	Batch ID:	9555	TestNo:	WET DI/ EPA (WET)			Analysis Date:	7/16/2002	SeqNo:	300056
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	ND	0.20	0	0	0	0	0	0	0	30	
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Qualifiers: ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values



CLIENT: Geocon Environmental  
Work Order: 057841  
Project: Route 5-Southbound, 09100-06-49

### ANALYTICAL QC SUMMARY REPORT

TestCode: 7420\_DI

Sample ID: 057842-032ADUP	SampType: DUP	TestCode: 7420_DI	Units: mg/L	Prep Date: 7/13/2002	Run ID: AA2_020716C						
Client ID: ZZZZZ	Batch ID: 9555	TestNo: WET DI/ EPA (WET)		Analysis Date: 7/16/2002	SeqNo: 300069						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	10.59	0.20	0	0	0	0	0	10.22	3.58	30	

Qualifiers: ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      Calculations are based on raw values

REVISIONS

BY \_\_\_\_\_ DATE \_\_\_\_\_  
BY \_\_\_\_\_ DATE \_\_\_\_\_

All samples → total lead (6010)  
Total lead  $\gamma$ , 50 mg/kg → WET-Citric  
WET-Citric  $\gamma$ , 5 mg/L → WET-DI  
Total lead  $\gamma$ , 1000 mg/kg → TCLP  
10% → Soil pH (9045)

Please call me when all totals have been run. I will instruct you on which samples should be run for Title 22 metals.

Thank you -  
Chris King

BY \_\_\_\_\_ DATE \_\_\_\_\_  
CHECKED BY \_\_\_\_\_

**Diane**

---

**From:** Chris King [king@geoconinc.com]  
**Sent:** Friday, July 19, 2002 11:21 AM  
**To:** 'Diane'  
**Subject:** 09100-06-49

Could you please rerun sample EB1 (057841-045A) for total lead. Thank You.

Christopher S. King  
Senior Staff Engineer  
Geocon Consultants, Inc.

7/19/2002

**Diane**

---

**From:** Chris King [king@geoconinc.com]

**Sent:** Monday, July 22, 2002 10:57 AM

**To:** 'Diane'

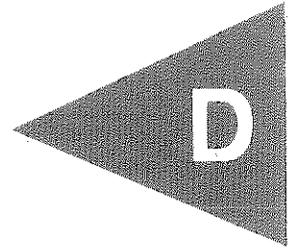
**Subject:** 09100-06-49

Diane - please run the 15 samples with the highest total lead content for Title 22 metals. Please do this for each direction (northbound and southbound), so the total number of tests will be 30. Thank you and please call me if you have any questions.

Christopher S. King  
Senior Staff Engineer  
Geocon Consultants, Inc.

7/22/2002

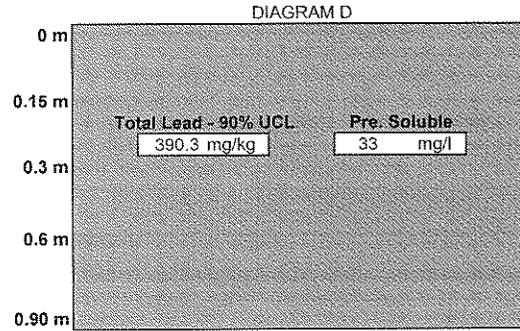
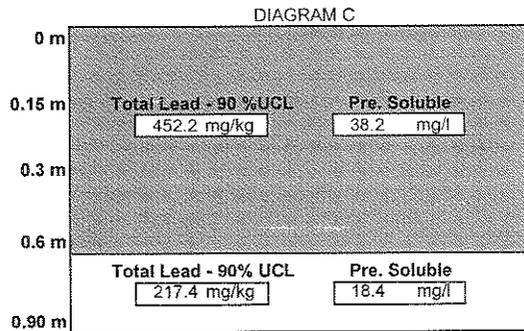
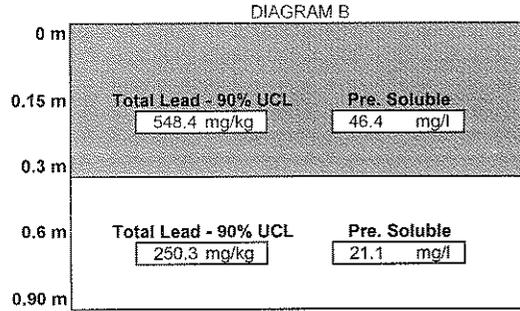
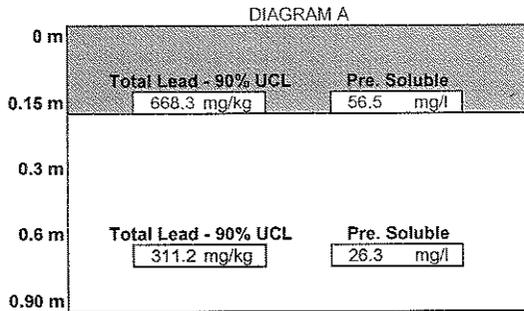
APPENDIX



D

Task Order Number: 07-2159A0-RR  
 EA: 2159A0  
 Project Name: Route 5 - Southbound  
 Project No.: 09100-06-49

**Block Diagrams For Potential Caltrans Right-Of-Way Re-Use  
 One-Tailed 90% UCLs for Arcsine Transformation**

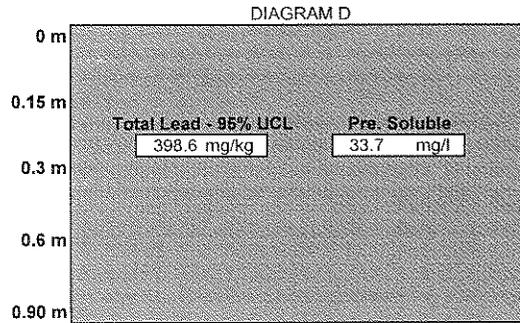
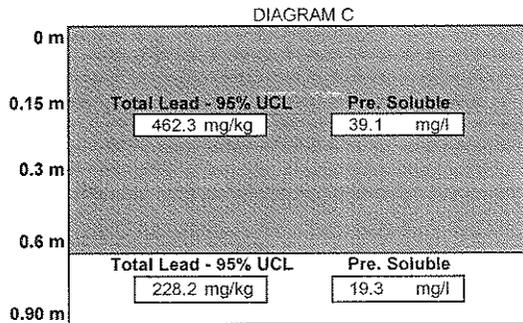
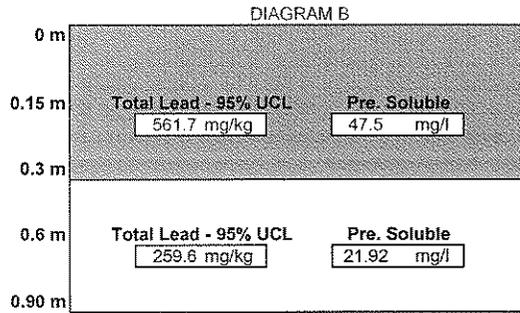
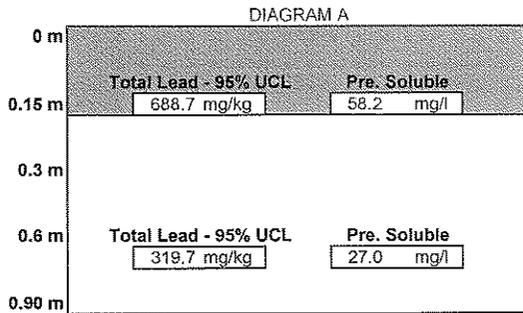


- DIAGRAM A -- Separate the top 0.15 m of soil from the remaining underlying soil
- DIAGRAM B -- Separate the top 0.30 m of soil from the remaining underlying soil
- DIAGRAM C -- Separate the top 0.60 m of soil from the remaining underlying soil
- DIAGRAM D -- Treat the entire section as a single unit

The above diagrams show the total and predicted soluble lead concentrations in each grouping of soil depending on how the various levels of soil are segregated. For instance, Diagram A shows a scenario where the top 0.15 m of soil is excavated and kept separate from the underlying soil. In this case, the top 0.15 m of soil would be expected to exhibit a total lead concentration of 668.3 mg/kg. The underlying soil would be expected to exhibit a total lead concentration of 311.2 mg/kg.

Task Order Number: 07-2159A0-RR  
 EA: 2159A0  
 Project Name: Route 5 - Southbound  
 Project No.: 09100-06-49

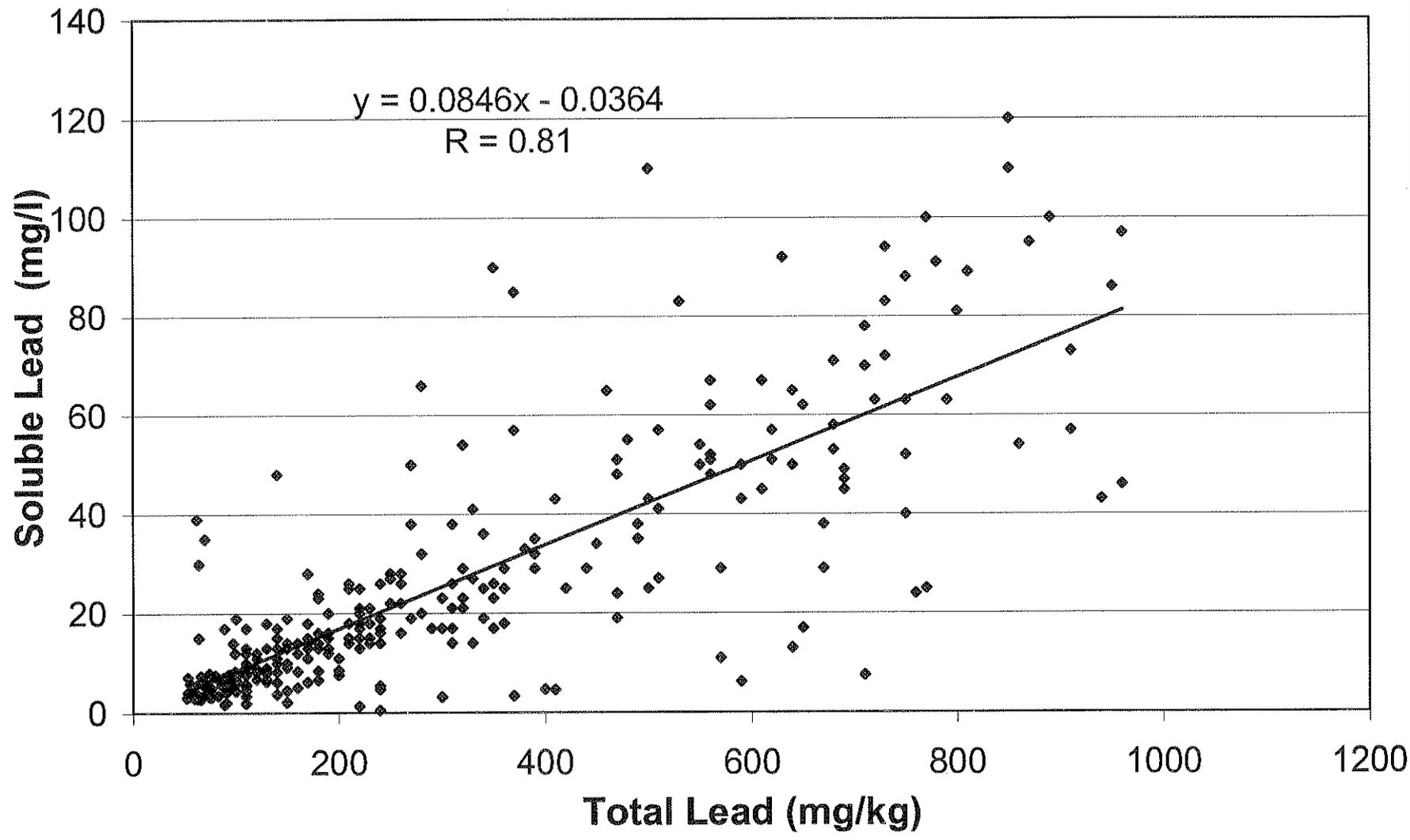
**Block Diagrams For Potential Disposal or Relinquishment to Contractor  
 One-Tailed 95% UCLs for Arcsine Transformation**



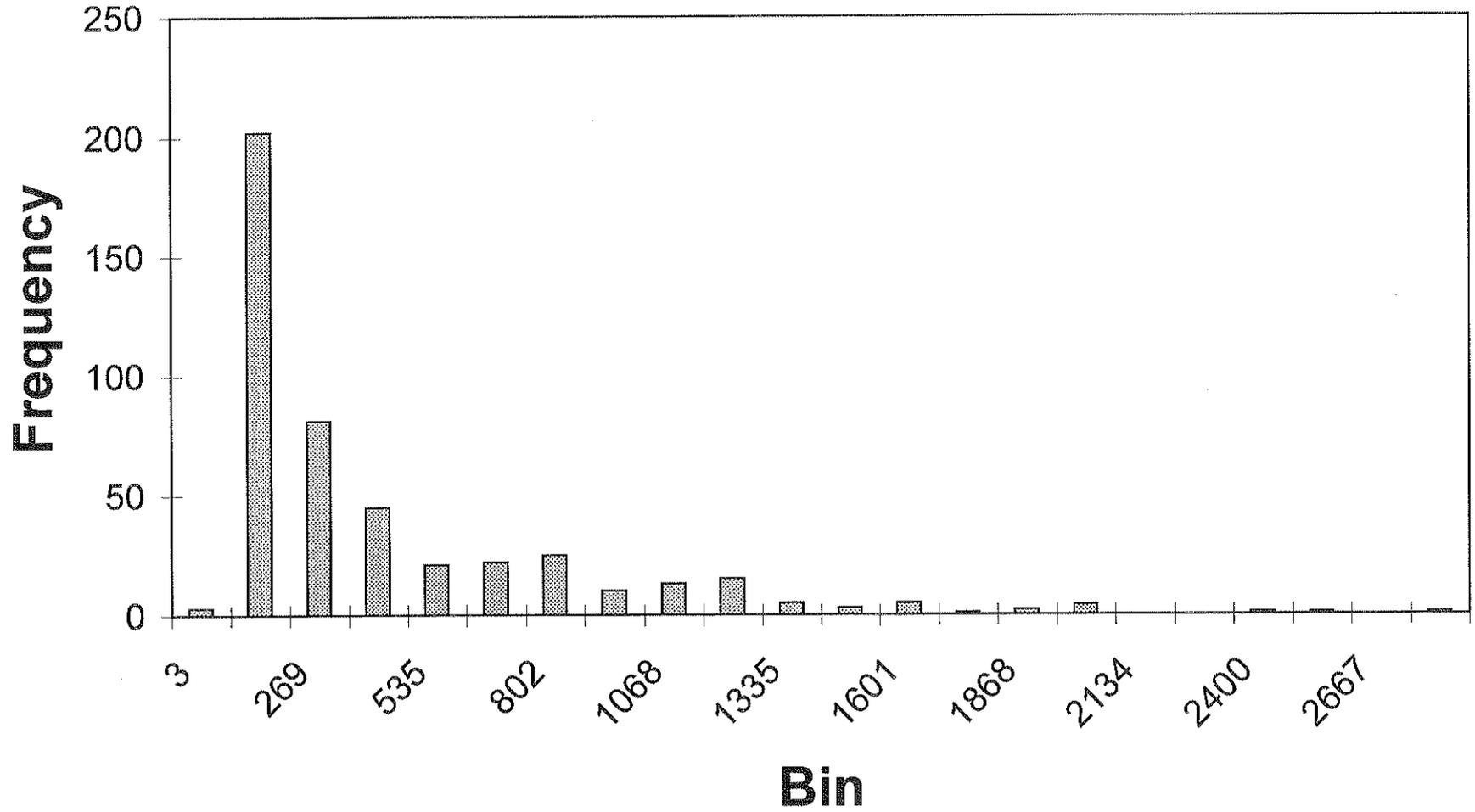
- DIAGRAM A -- Separate the top 0.15 m of soil from the remaining underlying soil
- DIAGRAM B -- Separate the top 0.30 m of soil from the remaining underlying soil
- DIAGRAM C -- Separate the top 0.60 m of soil from the remaining underlying soil
- DIAGRAM D -- Treat the entire section as a single unit

The above diagrams show the total and predicted soluble lead concentrations in each grouping of soil depending on how the various levels of soil are segregated. For instance, Diagram A shows a scenario where the top 0.15 m of soil is excavated and kept separate from the underlying soil. In this case, the top 0.15 m of soil would be expected to exhibit a total lead concentration of 688.7 mg/kg. The underlying soil would be expected to exhibit a total lead concentration of 319.7 mg/kg.

### Regression Analysis Route 5 Southbound

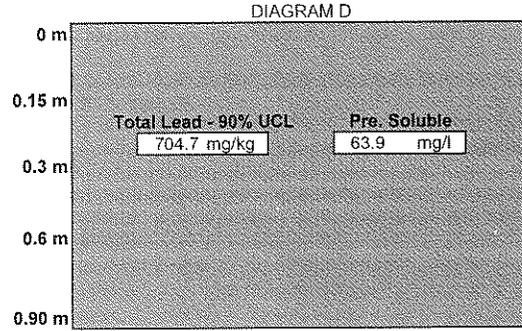
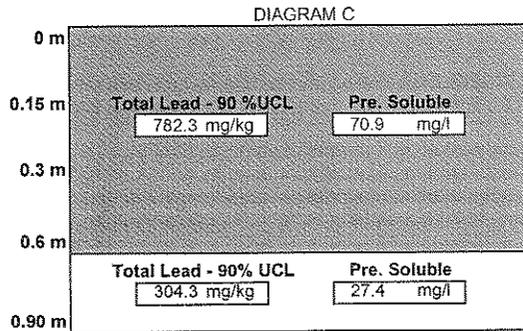
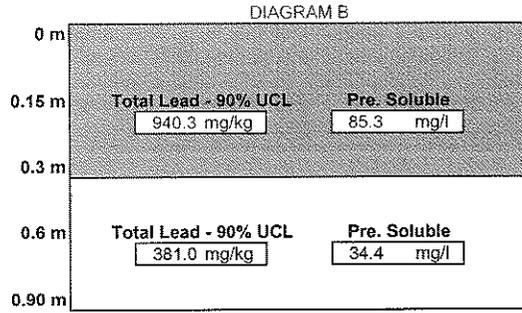
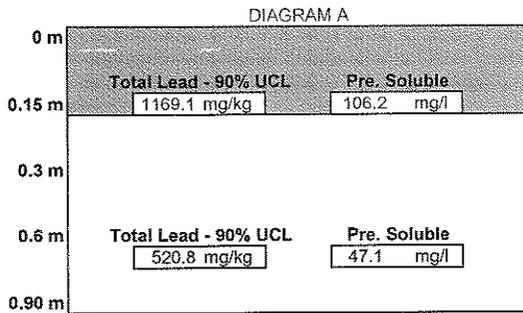


# Histogram for Route 5 Southbound



Task Order Number: 07-2159A0-RR  
 EA: 2159A0  
 Project Name: Route 5 - Northbound  
 Project No.: 09100-06-49

**Block Diagrams For Potential Caltrans Right-Of-Way Re-Use  
 One-Tailed 90% UCLs for Arcsine Transformation**

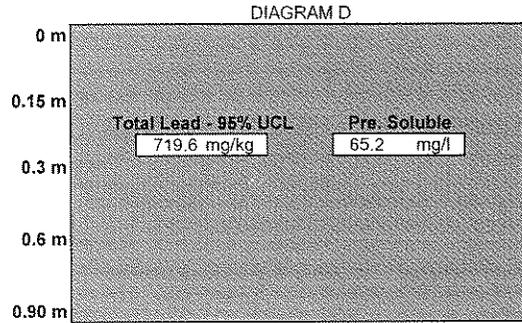
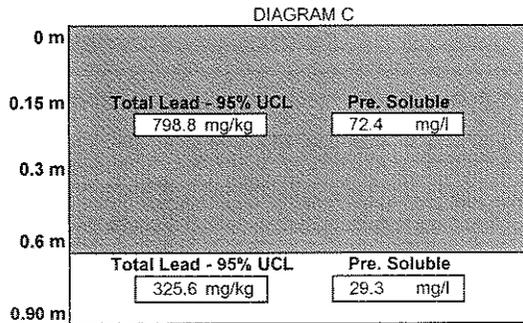
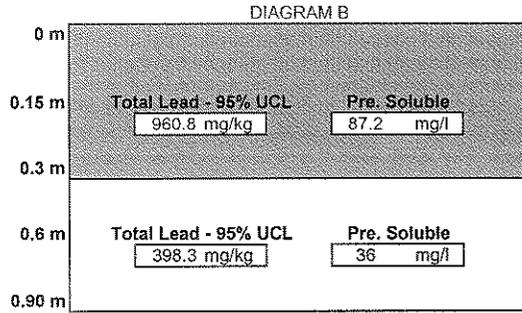
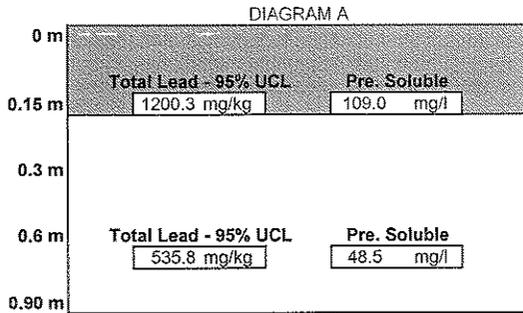


- DIAGRAM A -- Separate the top 0.15 m of soil from the remaining underlying soil
- DIAGRAM B -- Separate the top 0.30 m of soil from the remaining underlying soil
- DIAGRAM C -- Separate the top 0.60 m of soil from the remaining underlying soil
- DIAGRAM D -- Treat the entire section as a single unit

The above diagrams show the total and predicted soluble lead concentrations in each grouping of soil depending on how the various levels of soil are segregated. For instance, Diagram A shows a scenario where the top 0.15 m of soil is excavated and kept separate from the underlying soil. In this case, the top 0.15 m of soil would be expected to exhibit a total lead concentration of 1169.1 mg/kg. The underlying soil would be expected to exhibit a total lead concentration of 520.8 mg/kg.

Task Order Number: 07-2159A0-RR  
 EA: 2159A0  
 Project Name: Route 5 - Northbound  
 Project No.: 09100-06-49

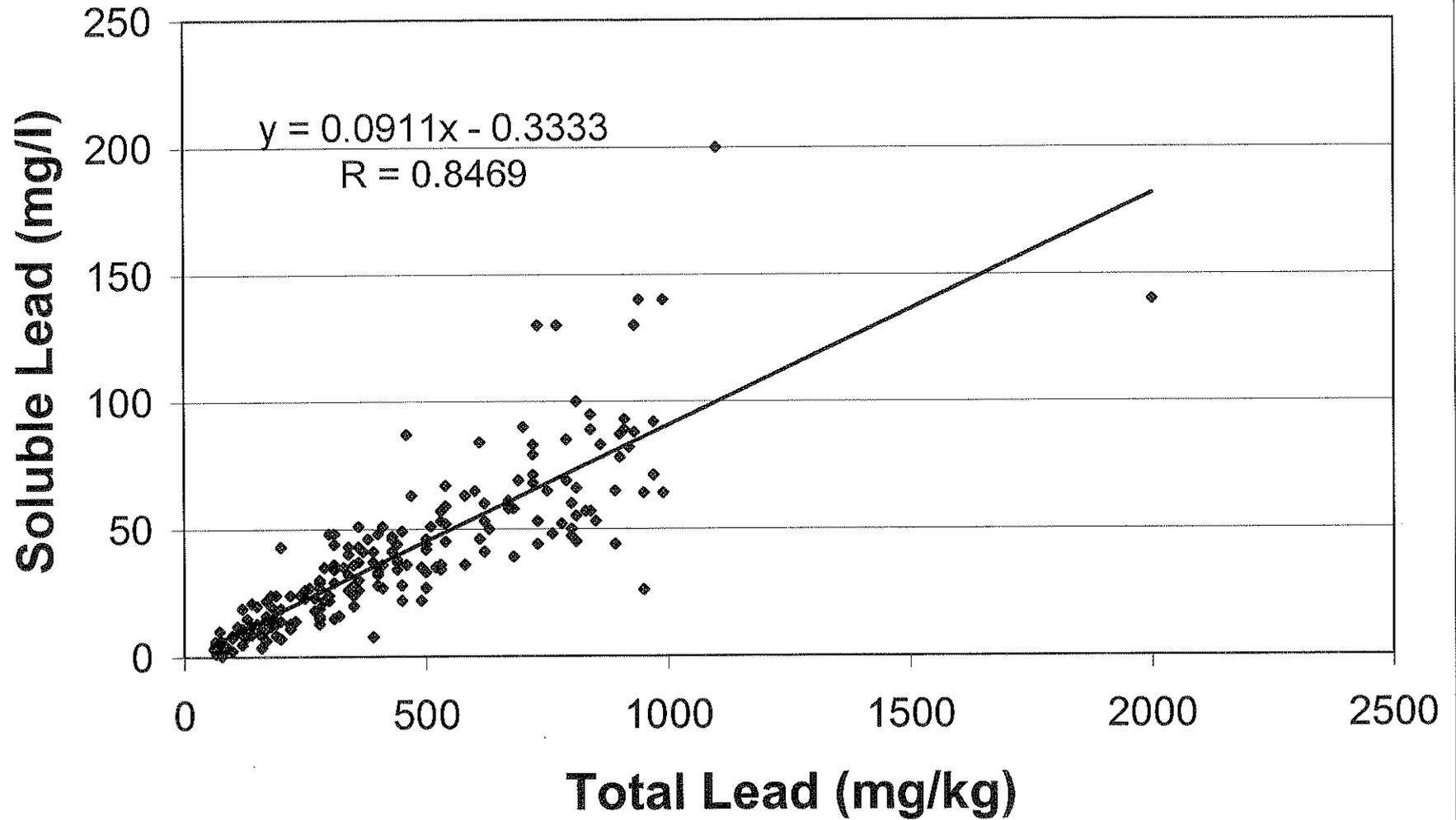
Block Diagrams For Potential Disposal or Relinquishment to Contractor  
 One-Tailed 95% UCLs for Arcsine Transformation



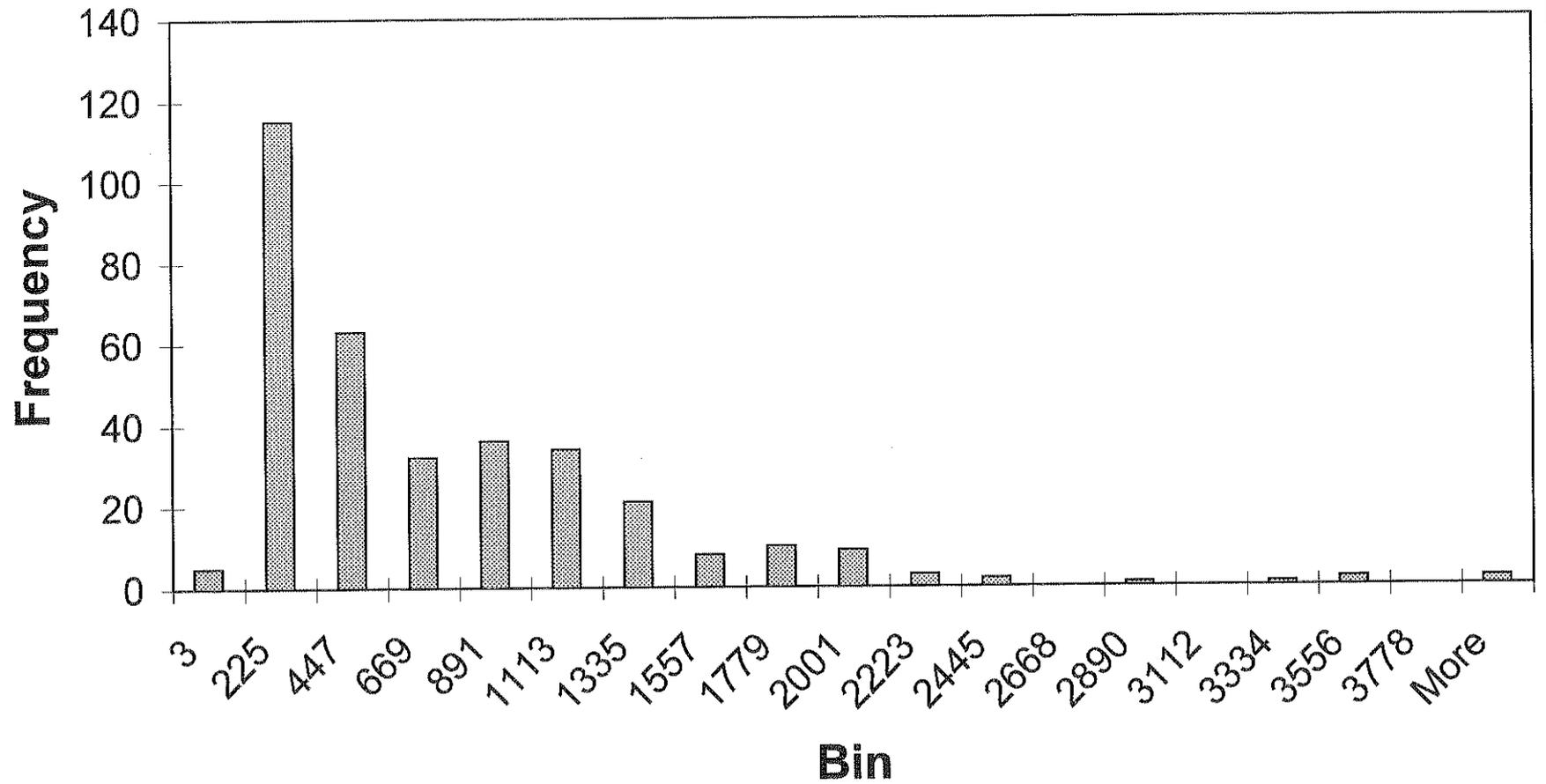
- DIAGRAM A -- Separate the top 0.15 m of soil from the remaining underlying soil
- DIAGRAM B -- Separate the top 0.30 m of soil from the remaining underlying soil
- DIAGRAM C -- Separate the top 0.60 m of soil from the remaining underlying soil
- DIAGRAM D -- Treat the entire section as a single unit

The above diagrams show the total and predicted soluble lead concentrations in each grouping of soil depending on how the various levels of soil are segregated. For instance, Diagram A shows a scenario where the top 0.15 m of soil is excavated and kept separate from the underlying soil. In this case, the top 0.15 m of soil would be expected to exhibit a total lead concentration of 1200.3 mg/kg. The underlying soil would be expected to exhibit a total lead concentration of 535.8 mg/kg.

## Regression Analysis Route 5 Northbound



# Histogram for Route 5 Northbound



# Fiber Optic System As-Built Drawings

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109	Route 5/19 Separation Br. No. 53-640
110	Manzanar Ave. Ped. UC Br. No. 53-884
111	Paramount Blvd. UC Br. No. 53-765
112	Rio Hondo Bridge Br. No. 53-639
113	Slauson Ave. OH Br. No. 53-638
114	Garfield Ave. UC Br. No. 53-637
115	Washington Blvd. UC Br. No. 53-635
116	Eastman Ave. Ped. UC Br. No. 53-278M
117	Indiana Street UC Br. No. 53-604

**END WORK AND CONSTRUCTION  
STA 160 + 00 PM 1.8**

118	Euclid Ave. UC Br. No. 53-601
119	Marietta Street UC Br. No. 53-600
120	First Street UC Br. No. 53-582
121-122	Mission Road UC Br. No. 53-555L
123	Los Angeles River Br. OH Br. No. 53-405
124	Figueroa Street UC Br. No. 53-623L

**ARCHITECTURAL WORK**

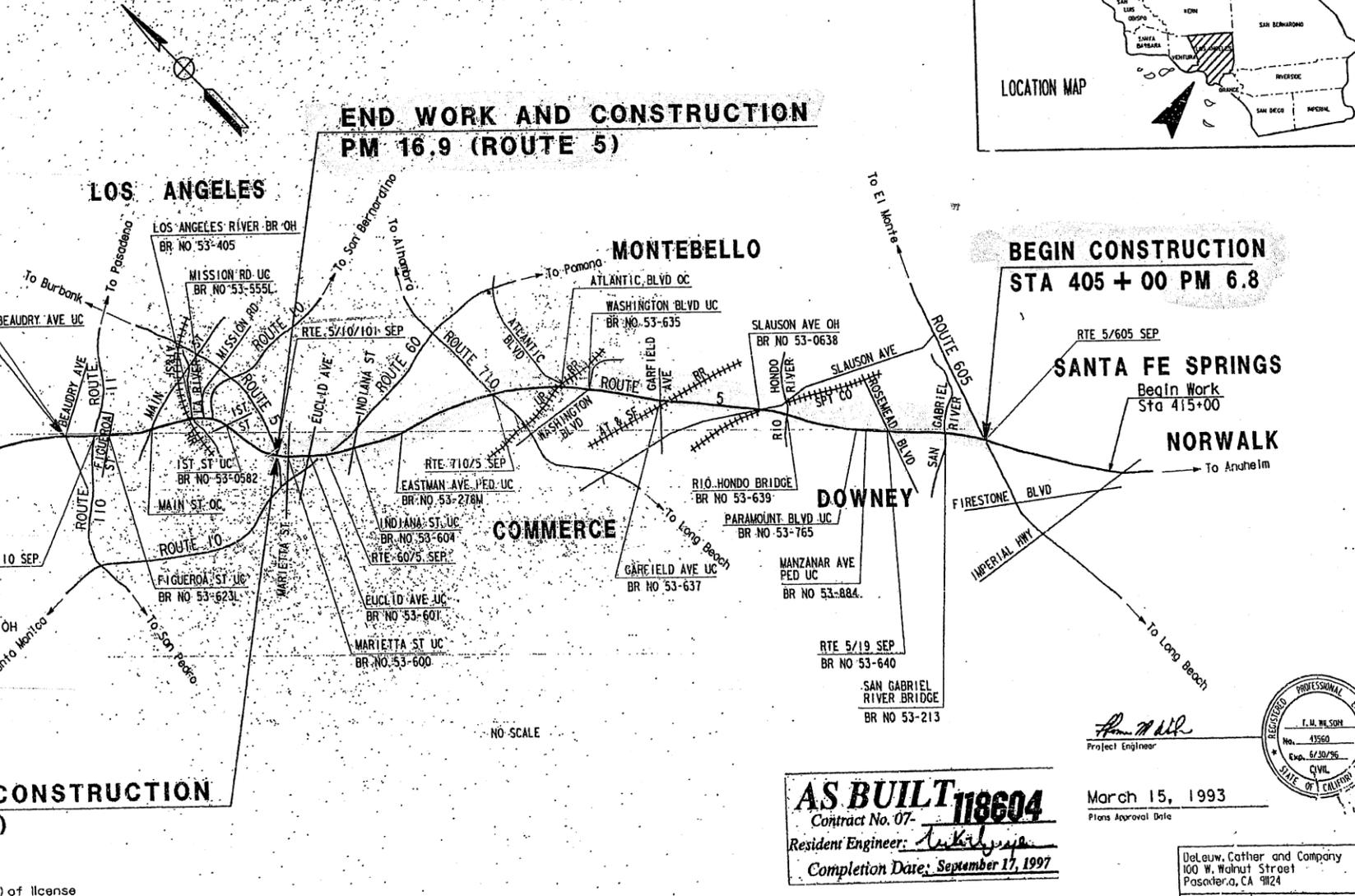
125-133	BUILDING (SA 069)
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**BEGIN WORK AND CONSTRUCTION  
PM 0.0 (ROUTE 101)**

STATE OF CALIFORNIA  
DEPARTMENT OF TRANSPORTATION  
NH-3041(104)

**STATE OF CALIFORNIA  
DEPARTMENT OF TRANSPORTATION  
PROJECT PLANS FOR  
CONSTRUCTION ON STATE HIGHWAY IN  
LOS ANGELES COUNTY IN DOWNEY, COMMERCE AND LOS ANGELES  
ON ROUTE 5 FROM ROUTE 5/605 SEPARATION  
TO THE ROUTE 5/10/101 SEPARATION AND ON  
ROUTE 101 FROM THE ROUTE 5/10/101 SEPARATION TO  
BEAUDRY AVENUE UNDERCROSSING**

To be supplemented by Standard Plans dated July, 1992



DIST	COUNTY	ROUTE	POST MILE TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
07	LA	5, 101	6.8/16.9, 0.0/1.8	1	133



DATE: 3/15/93  
PROJECT NO.: C034536  
DESIGNED BY: [Signature]

**AS BUILT 118604**  
Contract No. 07-118604  
Resident Engineer: [Signature]  
Completion Date: September 17, 1997

March 15, 1993  
Plans Approval Date

[Signature]  
Project Engineer

REGISTERED PROFESSIONAL ENGINEER  
I. M. NELSON  
No. 41560  
Exp. 6/30/96  
CIVIL  
STATE OF CALIFORNIA

DeLuw, Cather and Company  
100 W. Walnut Street  
Pasadena, CA 9124  
Contract No. 07-118604

FOR REDUCED PLANS  
ORIGINAL SCALE IS IN INCHES

CU 07387 EA 118601

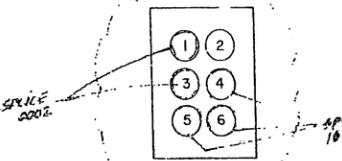
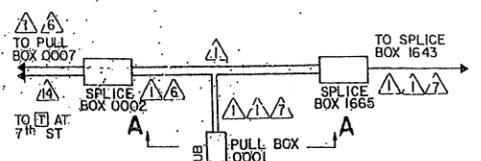


DESIGN OVERSIGHT	DESIGNED BY	DATE	REVISOR
TRAFFIC DESIGN	CHECKED BY	DATE	REVISOR
	EC		
	DESIGNED BY	DATE	REVISOR
	CHECKED BY	DATE	REVISOR

FOR EXISTING UTILITIES SEE SHEET U 5.

- PROJECT NOTES:
1. INSTALL CONDUIT IN SLOPED EMBANKMENT.
  2. INSTALL CONDUIT IN SLOPED EMBANKMENT.
  3. JACK CONDUIT UNDER FREEWAY.

NOTE: FOR COMPLETE RIGHT OF WAY AND ACCURATE ACCESS DATA, SEE RIGHT OF WAY RECORD MAPS AT DISTRICT OFFICE.



**DETAIL "A"**  
CONDUIT ROUTING  
FOR BOXES 0001, 0002, & 1665  
AT E.L.A. HUB LOCATION

**SECTION A-A**  
PULL BOX 0001  
NORTH EAST WALL

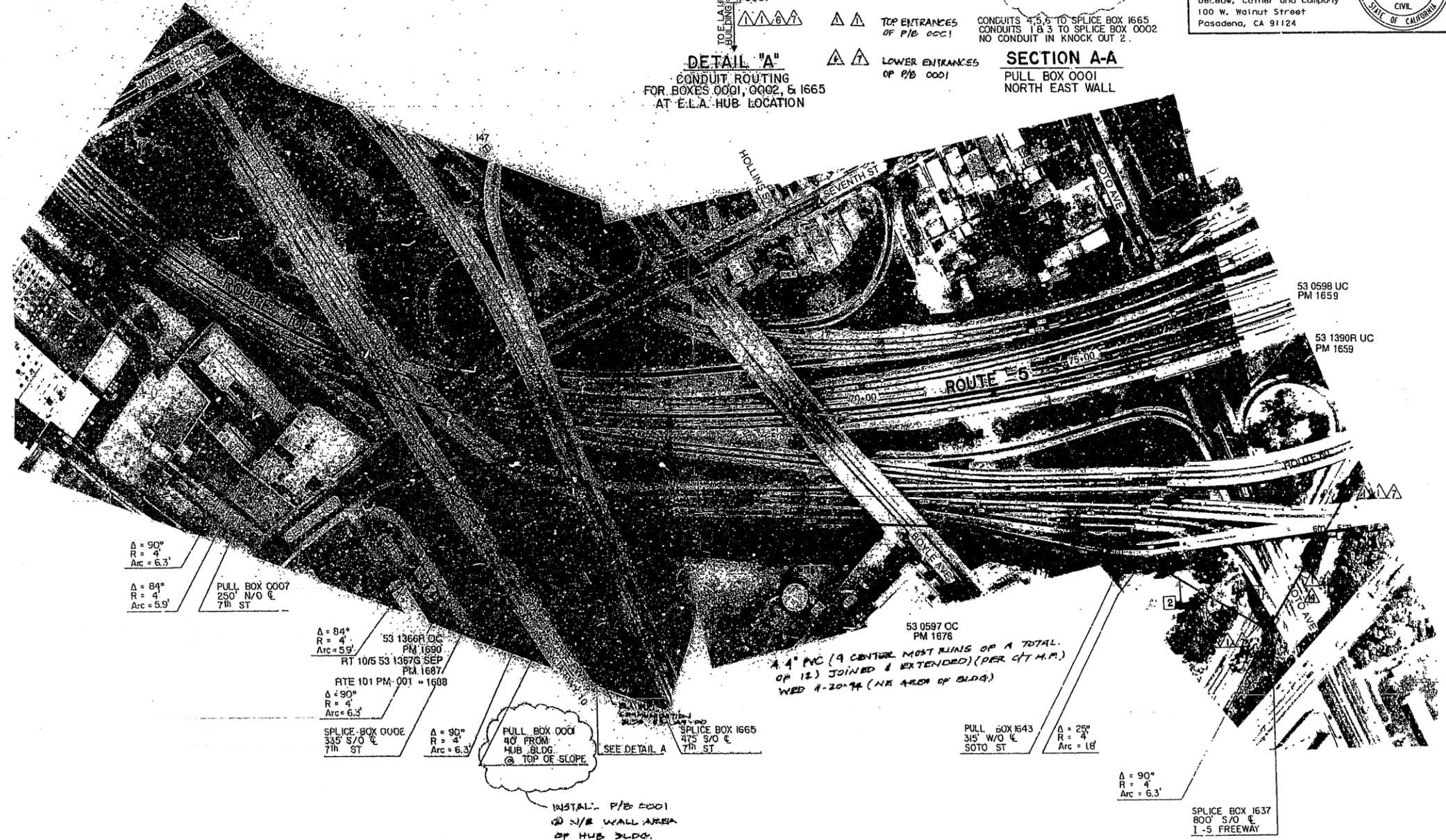
TOP ENTRANCES OF P/B 0001  
LOWER ENTRANCES OF P/B 0001

CONDUITS 4, 5, 6 TO SPLICE BOX 1665  
CONDUITS 1 & 3 TO SPLICE BOX 0002  
NO CONDUIT IN KNOCK OUT 2.

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
07	LA	5,101	6.8116.9 0.0/1.8	36	133

REGISTERED CIVIL ENGINEER  
T.M. WILSON  
No. 43560  
Exp. 6/30/96  
CIVIL  
STATE OF CALIFORNIA

PLANS APPROVAL DATE: 4/17/92  
DeLaun, Cether and Company  
100 W. Walnut Street  
Pasadena, CA 91124



$\Delta = 90^\circ$   
 $R = 4'$   
 $Arc = 6.3'$

$\Delta = 84^\circ$   
 $R = 4'$   
 $Arc = 5.9'$

PULL BOX 0007  
250' N/O  $\epsilon$   
7th ST

$\Delta = 84^\circ$   
 $R = 4'$   
 $Arc = 5.9'$

53 1366P OC  
PM 1690  
RT 10/5 53 1367G SEP  
PM 1687  
RTE 101 PM 001 = 1608

$\Delta = 90^\circ$   
 $R = 4'$   
 $Arc = 6.3'$

SPLICE BOX 0002  
335' S/O  $\epsilon$   
7th ST

$\Delta = 90^\circ$   
 $R = 4'$   
 $Arc = 6.3'$

PULL BOX 0001  
40' FROM  
HUB BLDG.  
@ TOP OF SLOPE

$\Delta = 90^\circ$   
 $R = 4'$   
 $Arc = 6.3'$

SPLICE BOX 1665  
475' S/O  $\epsilon$   
7th ST

INSTALL P/B 0001  
@ N/E WALL AREA  
OF HUB BLDG.

53 0597 OC  
PM 1676

4.4" MC (9 CENTER MOST RINGS OF A TOTAL  
OF 12) JOINED & EXTENDED (PER C/T M.P.)  
WED 4-20-92 (NR AREA OF BLDG.)

$\Delta = 25^\circ$   
 $R = 4'$   
 $Arc = 1.6'$

PULL BOX 1643  
315' W/O  $\epsilon$   
SOTO ST

$\Delta = 90^\circ$   
 $R = 4'$   
 $Arc = 6.3'$

SPLICE BOX 1637  
800' S/O  $\epsilon$   
I-5 FREEWAY

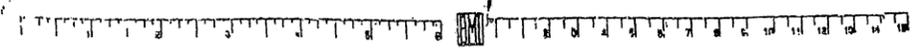
**AS BUILT 118604**  
Contract No. 07-**118604**  
Resident Engineer: **Luke Nguyen**  
Completion Date: **September 17, 1997**

COMMUNICATION ROUTING PLAN

SCALE 1" = 100'  
E-6

NOTE: THIS PLAN ACCURATE FOR ELECTRICAL WORK ONLY.

FOR REDUCED PLANS ORIGINAL SCALE IS IN INCHES



CU 07387

EAT118601





DESIGNED BY	REVISOR	DATE	REVISOR	DATE
CHECKED BY	DESIGNED BY	DATE	REVISOR	DATE
DESIGN OVERSIGHT	DESIGNED BY	DATE	REVISOR	DATE
DEPARTMENT OF TRANSPORTATION	DESIGNED BY	DATE	REVISOR	DATE
TRAFFIC DESIGN	DESIGNED BY	DATE	REVISOR	DATE

FOR EXISTING UTILITIES  
SEE SHEET U 8

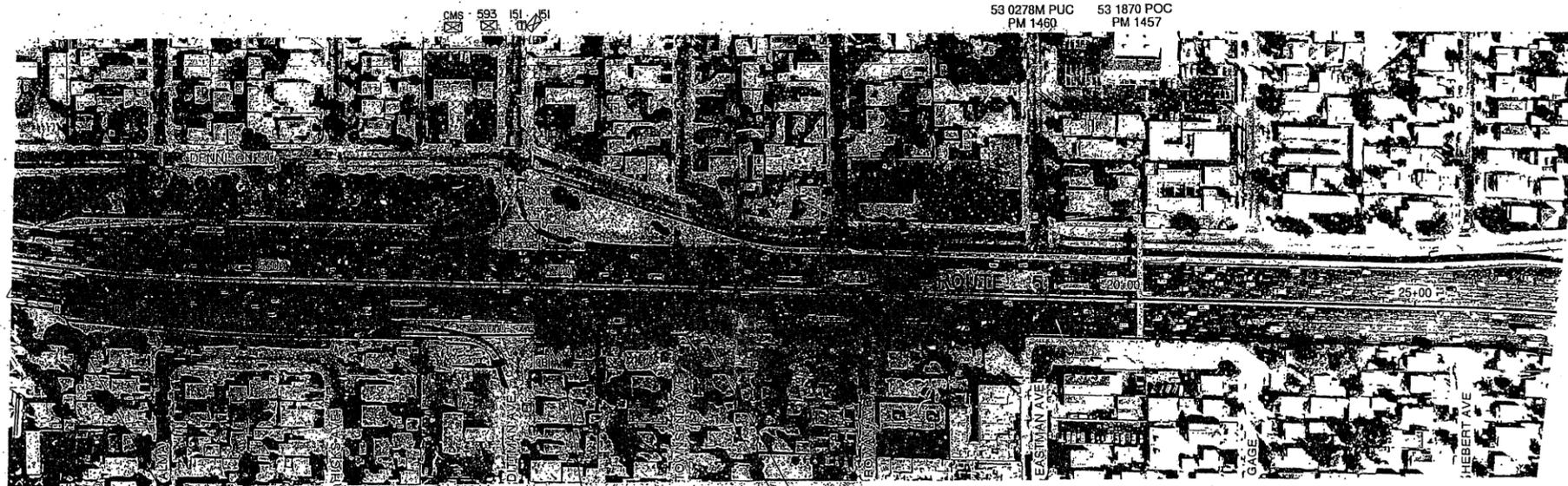
PROJECT NOTES: 1 JACK CONDUIT UNDER FREEWAY.  
2 INSTALL COMMUNICATION DISTRIBUTION CABLE IN EXISTING CONDUIT.

NOTE: FOR COMPLETE RIGHT OF WAY AND ACCURATE ACCESS DATA, SEE RIGHT OF WAY RECORD MAPS AT DISTRICT OFFICE.

DIST	COUNTY	ROUTE	POST MILES TO TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
07	LA	5, 101	6.81/6.9, 0.0/1.8	39	133

REGISTERED CIVIL ENGINEER  
I.M. WILSON  
No. 43560  
Exp. 8/30/86  
CIVIL  
STATE OF CALIFORNIA

3-15-93  
PLANS APPROVAL DATE  
DeLeuw, Cather and Company  
100 W. Walnut Street  
Pasadena, CA 91124

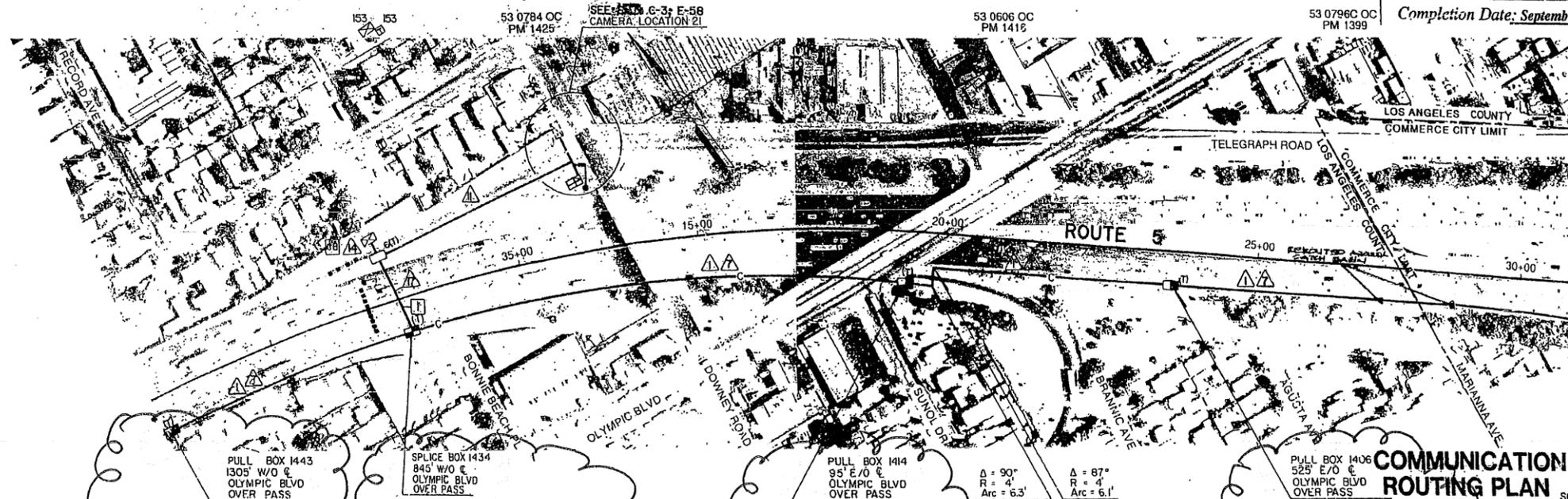


PULL BOX 1431  
815' W/O E  
DITMAN AVE

SPLICE BOX 1472  
110' E/O E  
DITMAN AVE  
 $\Delta = 29^\circ$   
 $R = 40'$   
 $Arc = 20'$   
 $\Delta = 29^\circ$   
 $R = 40'$   
 $Arc = 20'$

NOTE: THIS PLAN ACCURATE FOR ELECTRICAL WORK ONLY

**AS BUILT**  
Contract No. 07-118604  
Resident Engineer: Luke Nguyen  
Completion Date: September 17, 1997



PULL BOX 1443  
1305' W/O E  
OLYMPIC BLVD  
OVER PASS

SPLICE BOX 1434  
845' W/O E  
OLYMPIC BLVD  
OVER PASS

PULL BOX 1414  
95' E/O E  
OLYMPIC BLVD  
OVER PASS  
 $\Delta = 90^\circ$   
 $R = 4'$   
 $Arc = 6.3'$

$\Delta = 87^\circ$   
 $R = 4'$   
 $Arc = 6.1'$

PULL BOX 1406  
525' E/O E  
OLYMPIC BLVD  
OVER PASS

**COMMUNICATION ROUTING PLAN**

E-9

SCALE 1" = 100'

Com. PB      Splice Vault      Com. PB      Com. PB

HOLLYWOOD, SANTA ANA FREEWAY      CU 07387      EA 118601

FOR EXISTING UTILITIES  
SEE SHEET U-9

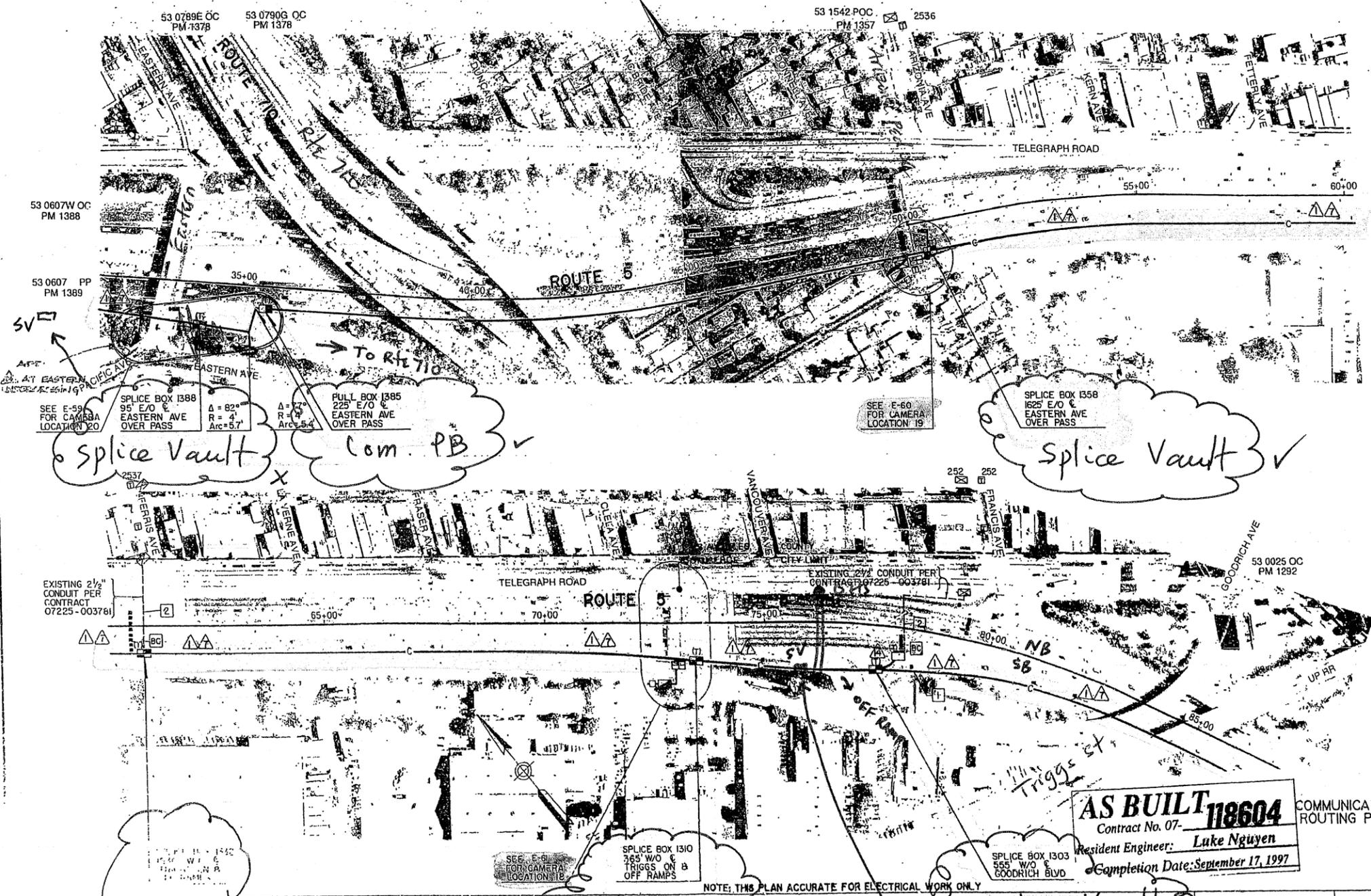
PROJECT NOTES: 1) INSTALL CONDUIT IN PAVEMENT.  
2) ADD ONE (1) COMMUNICATION DISTRIBUTION CABLE IN EXISTING CONDUIT.

NOTE FOR COMPLETE RIGHT OF WAY AND ACCURATE ACCESS DATA, SEE RIGHT OF WAY RECORD MAPS AT DISTRICT OFFICE.

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
07	LA	5,101	6.8/6.9, 0.0/1.8	40	133

*T.M. Wilson*  
 REGISTERED CIVIL ENGINEER  
 4/17/92  
 3-15-93  
 PLANS APPROVAL DATE  
 DeLoux, Guther and Company  
 100 W. Walnut Street  
 Pasadena, CA 91124

DESIGN OVERSIGHT: GLORIA GWYNNE  
 CALCULATED/DESIGNED BY: EC  
 CHECKED BY: EC  
 DATE REVISOR: DATE REVISOR  
 DEPARTMENT OF TRANSPORTATION  
 TRAFFIC DESIGN



**AS BUILT 118604**  
 Contract No. 07-  
 Resident Engineer: **Luke Nguyen**  
 Completion Date: **September 17, 1997**

COMMUNICATION ROUTING PLAN  
 E-10  
 SCALE 1" = 100'

FOR REDUCED PLANS ORIGINAL SCALE IS IN INCHES  
 0 1 2 3

Splice Vault ✓  
 @ Triggs St. off-ramp

Splice Vault ✓  
 @ Gore

Splice Vault ✓  
 @ Triggs St. off-ramp

SHEET 40 OF 133





FOR EXISTING UTILITIES  
SEE SHEET U 12

NOTE: FOR COMPLETE RIGHT OF WAY AND  
ACCURATE ACCESS DATA, SEE RIGHT  
OF WAY RECORD MAPS AT DISTRICT OFFICE.

Field Trip on 07/23/2013

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
07	LA	5,101	6.8/6.9, 0.0/1.8	43	133

REGISTERED CIVIL ENGINEER  
4/11/92  
T.M. WILSON  
No. 43580  
Exp. 5/30/96  
CIVIL  
STATE OF CALIFORNIA

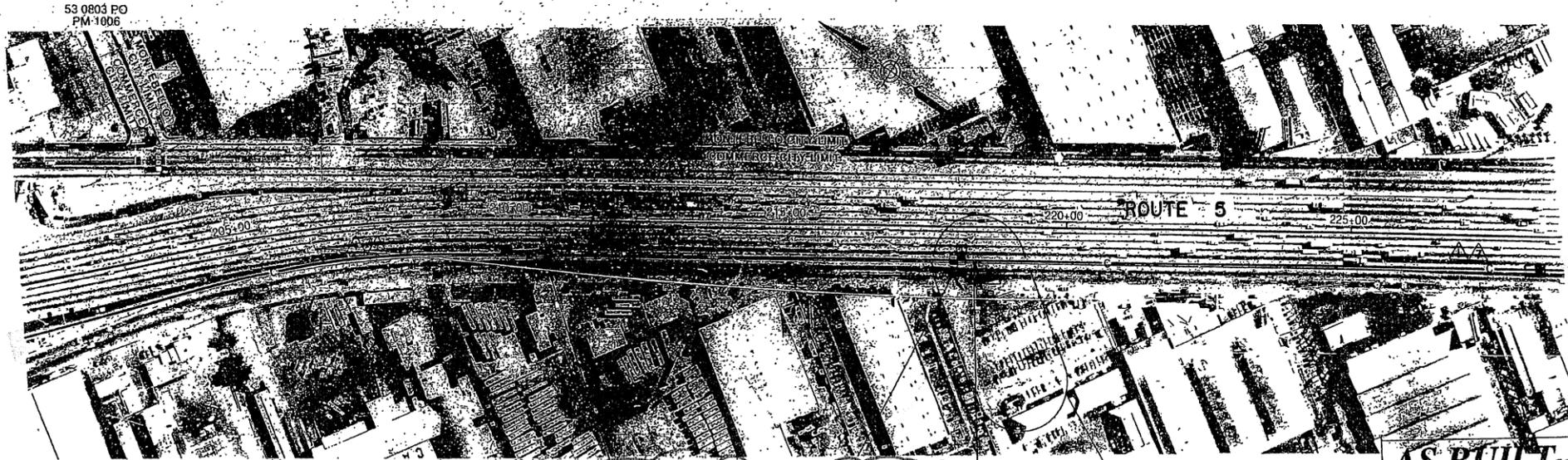
3-15-93  
PLANS APPROVAL DATE  
DeLeuw, Cather and Company  
100 W. Walnut Street  
Pasadena, CA 91124

DESIGN OVERSIGHT  
TRANSPORTATION  
TRAFFIC DESIGN

DESIGNED BY  
Gloria Gwynne

REVISOR  
DATE

REVISIONS  
DATE



P/B 1020 PER C/T  
ADDED P/B PER C/T  
DUE TO DISTANCE  
BTWN BOXES ALSO  
DUE TO DELETION  
OF P/B'S @ HOPE ST  
ON RAMP  
SHEET B-2

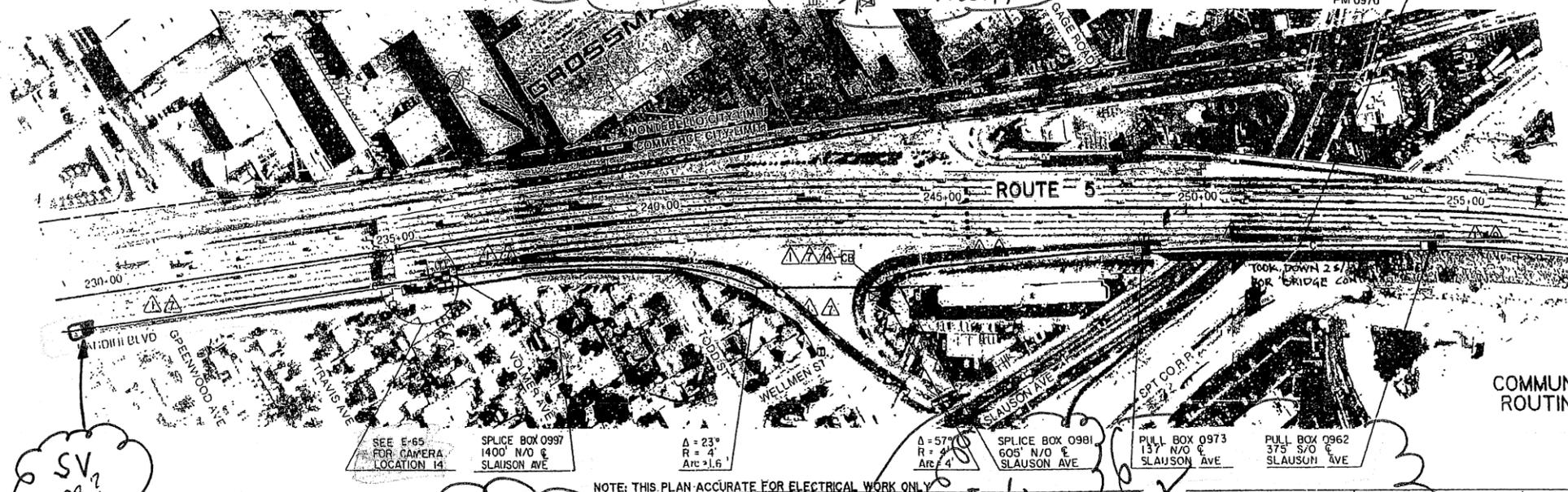
**AS BUILT 118604**  
Contract No. 07-  
Resident Engineer: Luke Nguyen  
Completion Date: September 17, 1997

PULL BOX 1054  
810' S/O @  
GARFIELD AVE  
Cam. PB

SPLICE BOX 1041  
2520' S/O @  
GARFIELD AVE  
Δ = 69°  
R = 4'  
Arc = 48'

SEE EOC  
CONDUIT DETAIL SHT E-47  
INSTALLED 2 ADDITIONAL STUB-OUTS  
@ N/S OF P/B, 4.5 STUB-OUTS @  
S/S OF P/B PER MIKE FARON (C/T)  
REQUEST

53 0638 UC  
PM 0970  
SLAUSON AVE OH  
SEE BR DETAILS BR NO 53-638



COMMUNICATION  
ROUTING PLAN  
E-13  
SCALF 1" = 100'

SV  
PB?

SEE E-65  
FOR CAMERA  
LOCATION 14

SPLICE BOX 0997  
1400' N/O @  
SLAUSON AVE  
Δ = 23°  
R = 4'  
Arc = 1.6'

Δ = 57°  
R = 4'  
Arc = 4'

SPLICE BOX 0981  
605' N/O @  
SLAUSON AVE

PULL BOX 0973  
137' N/O @  
SLAUSON AVE

PULL BOX 0962  
375' S/O @  
SLAUSON AVE

NOTE: THIS PLAN ACCURATE FOR ELECTRICAL WORK ONLY  
FOR REDUCED PLANS  
ORIGINAL SCALE IS IN INCHES

Splice  
Vault

Splice  
Vault

Com. PB  
SV

SLAUSON AVE. could not locate