

# **APPENDIX E2**

## *Soil Profiling Summary Report*

<b>Type of Services</b>	<b>Soil Profiling Summary Report</b>
<b>Location</b>	<b>95 South Almaden Avenue San Jose, California</b>
<b>Client</b>	<b>JP DiNapoli Companies, Inc.</b>
<b>Client Address</b>	<b>99 Almaden Blvd., Suite 595 San Jose, California 95113</b>
<b>Project Number</b>	<b>510-29-2</b>
<b>Date</b>	<b>October 30, 2019</b>

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Table of Contents

**SECTION 1: INTRODUCTION .....1**

1.1 SITE DESCRIPTION ..... 1

1.2 PURPOSE..... 1

1.3 SCOPE OF WORK..... 1

**SECTION 2: BACKGROUND .....2**

2.1 PHASE I ENVIRONMENTAL SITE ASSESSMENT (2019)..... 2

**SECTION 3: SUBSURFACE INVESTIGATION .....3**

3.1 PRE-FIELD ACTIVITIES..... 3

3.2 EXPLORATORY BORINGS..... 3

3.2.1 Subsurface Materials..... 3

3.2.2 Organic Vapor Readings..... 4

3.3 SOIL SAMPLE COLLECTION AND LABORATORY ANALYSES..... 4

**SECTION 4: SUMMARY OF ENVIRONMENTAL ANALYTICAL DATA .....6**

4.1 SUMMARY OF SOIL ANALYTICAL DATA ..... 7

4.1.1 Metals and Asbestos ..... 7

4.1.2 TPH ..... 8

4.1.3 VOCs..... 8

4.1.4 SVOCs ..... 8

4.1.5 OCPs..... 9

4.1.6 PCBs..... 9

4.2 GEOTECHNICAL PARAMETERS..... 9

**SECTION 5: CONCLUSIONS AND RECOMMENDATIONS .....9**

5.1 BASE ROCK QUALITY ..... 9

5.2 FILL QUALITY..... 10

5.3 NATURALLY OCCURRING ASBESTOS ..... 10

5.4 NATIVE SOIL QUALITY ..... 11

5.5 SOIL MANAGEMENT PLAN ..... 11

5.6 HEALTH AND SAFETY PLAN ..... 11

5.7 VOLUNTARY CLEANUP PROGRAM..... 12

5.8 COORDINATION WITH DEH REGARDING OPEN LUST CASE..... 12

5.9 REMOVAL OF EXISTING DIESEL USTS..... 12

5.10 GENERAL CONCLUSION..... 12

**SECTION 6: LIMITATIONS.....13**

**FIGURES**

FIGURE 1 – VICINITY MAP

FIGURE 2 – SITE PLAN

**DATA TABLES**

DATA TABLE A – METALS & ASBESTOS

DATA TABLE B – TPH & VOCs

DATA TABLE C – SVOCs

DATA TABLE D – OCPs & PCBs

**APPENDICES**

APPENDIX A – BORING LOGS AND GEOTECHNICAL PARAMETERS

APPENDIX B – LABORATORY ANALYTICAL REPORTS

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<b>Type of Services</b>	<b>Soil Profiling Summary Report</b>
<b>Location</b>	<b>95 South Almaden Avenue San Jose, California</b>

## **SECTION 1: INTRODUCTION**

This report presents the soil sampling and profiling work recently performed at 95 South Almaden Avenue in San Jose, California (Site) as shown on Figures 1 and 2. This work was performed for JP DiNapoli Companies, Incorporated (JPDC) in accordance with our Agreement dated September 11, 2019 (Agreement).

### **1.1 SITE DESCRIPTION**

The 0.9899 acre Site is bound by Post Street to the north, South Almaden Avenue to the east, South Almaden Boulevard to the west, and a commercial building owned and operated by AT&T to the south. The Site is currently an at grade parking lot with associated landscaping. A single story at grade structure used as an office for facility maintenance on the south side of the Site. Diesel is stored on-Site within three 20,000 gallon USTs on the western margin of the Site that were installed in 1992. Below ground piping extends from the USTs to a fuel pump enclosure on the northwest exterior side of the off-Site AT&T building; the fuel subsequently is pumped to two emergency generators located on the roof of the AT&T building. To facilitate development of the Site, we understand that removal of the USTs is planned. This work should be coordinated with the Santa Clara County Department of Environmental Health (DEH) and San Jose Fire Department (SJFD). Along the east side of the Site exists Bloom Energy fuel cells.

### **1.2 PURPOSE**

The proposed development will include the construction of a subterranean parking structure. To accommodate the parking structure construction, excavation cuts up to approximately 40 feet are anticipated. The excavated soil will require off-Site disposal. The purpose of the scope of work presented in this report was to provide the analytical and geotechnical data for preliminary soil profiling purposes. Please note that this scope of work did not include sampling and analyses of soil vapor or groundwater.

### **1.3 SCOPE OF WORK**

The scope of work performed for this investigation included the following:

- Drilling and logging three exploratory borings to an approximate depth of 40 feet and one additional boring to a depth of approximately 70 feet;
- Collection of 28 soil samples from the exploratory borings for environmental laboratory analyses;

- Collection of 18 soil samples from exploratory borings for geotechnical analyses; and
- Preparation of this report.

Cornerstone's Geotechnical Engineering team, under the supervision of Senior Principal Engineer Danh Tran, P.E., is providing a separate Preliminary Geotechnical Investigation (prepared under separate cover), of which the field sampling portion was implemented concurrently with the Environmental scope presented in this report.

The limitations for this investigation are presented in Section 6.

## **SECTION 2: BACKGROUND**

### **2.1 PHASE I ENVIRONMENTAL SITE ASSESSMENT (2019)**

In July 2019, Cornerstone prepared a Phase I Environmental Site Assessment (ESA) (issued in draft) for the Site. Based on the historical review, the Site was occupied by multiple dwellings and associated outbuildings from the late 1800s. By 1891, the Site was occupied by Garden City Lumber. In 1915 the lumber business had been removed, and the Site was bisected by Westminster Place. The Site occupants included several dwellings, a wagon maker, a printing business, an iron works facility, and a horse shoeing business. Between 1939 and 1956 there were several dwellings and commercial structures around Westminster Place. By 1950 most of the previous structures were demolished and the Site was occupied by a Pacific Greyhound Inc. storage garage, used auto sales business, and what appeared to be a single-story printing business.

Between 1968 and 2012 the prior on-Site structures were all demolished except for the single-story structure that is currently used as an office by the facility maintenance staff. The Site is currently used mainly as a parking lot associated with the adjacent (off-Site) AT&T building.

The Phase I ESA identified the following Recognized Environmental Conditions (RECs) at the Site:

- The Site is an open case on the Leaking Underground Storage Tank (LUST) database under regulatory oversight of the DEH. Five 10,000 gallon diesel USTs were removed from the Site in 1992, and subsequent studies have identified petroleum hydrocarbons in on-Site soil and groundwater. The source of the detected petroleum hydrocarbons at the Site has not been definitively established. Potential sources include the former on-Site USTs operated by AT&T and activities associated with the former on-Site Pacific Greyhound Inc. garage. Additionally, recently collected data from off-Site locations (APTIM, 2018) suggests that an off-Site source located southwest of the Site (across Almaden Boulevard) may have contributed to the identified impacts.
- Low concentrations of volatile organic compounds (VOCs) may be present in groundwater at the Site as a result of documented up-gradient, off-Site releases.
- Based on the long-developed history of the Site, there is an increased potential for residual contaminants (such as metals, petroleum hydrocarbons and pesticides) to be present in soil at the Site.

## **SECTION 3: SUBSURFACE INVESTIGATION**

### **3.1 PRE-FIELD ACTIVITIES**

Cornerstone contacted Underground Service Alert more than 48 hours before beginning drilling activities and retained Underground Locating Specialists in San Leandro to “clear” the boring locations for subsurface utilities. Additionally, Cornerstone coordinated with Exploration Geoservices Inc. of San Jose, California, a licensed drilling contractor possessing a C-57 water well contractor's license issued by the State of California, to schedule the sampling activities.

### **3.2 EXPLORATORY BORINGS**

On September 28 and 29, 2019, our staff engineer, directed a subsurface investigation, continuously logged in general accordance with the Unified Soil Classification System (ASTM D-2487) and sampled four exploratory borings (EB-1 through EB-4) at the Site (Figure 2). Three of the borings (EB-1 through EB-3) were advanced to an approximate depth of 40 feet. One boring (EB-4) was advanced to a depth of approximately 70 feet for geotechnical engineering purposes.

The borings were advanced using a truck mounted drilling rig with an 8-inch hollow stem auger, which involves rotating a hollow stem auger column as it drills into the ground; it is designed to push soil up and out of the boring along the outside of the auger. The auger itself is driven by a hydraulically powered drill rig. A plug is placed through the auger to help prevent soil from rising through the hollow portion of the stem. Samples are retrieved by retracting the plug and lowering the sample collection tube through the auger. Representative soil samples were obtained from the borings at selected depths using a 3-inch O.D. split-spoon sampler driven 18 inches by dropping a 140-pound hammer through a 30-inch free fall. The boring locations were selected across the Site to evaluate potential soil impacts due to historical Site uses. Twenty-eight soil samples were collected from depths of just below the pavement section to approximately 40 feet below the ground surface.

Upon the same day of completion, the borings were tremie grouted without delays from the base of the boring through the casing as it was raised to the surface; no boring was left open overnight.

Downhole drilling and sampling equipment were steam cleaned with a pressure washer prior to commencement of drilling and between each well borehole. Drill cuttings and decontamination waste were temporarily stored on-Site in 55-gallon steel drums for future disposal by JPDC.

#### **3.2.1 Subsurface Materials**

Based on the exploratory borings advanced at the Site, pavement section thickness ranged between approximately 3 inches (2 inches asphalt and 1 inch base rock) to 11 inches (3 inches asphalt and 8 inches base rock). Undocumented fill soil consisting predominantly of lean clays with varying amounts of sand and clayey sand with gravel was encountered below the pavement section to depths ranging between approximately 3 and 5 feet. Brick and concrete fragments were observed in the fill. The fill was underlain by lean clay with variable amounts of sand and silt, extending to depths of approximately 6 to 8½ feet. Below the lean clay were silty sands that extended to the approximate depths of 8 to 13½ feet. Underlying silty sands were lean clays and fat clays which extended to depths of approximately 17 to 19½ feet. Sands with

varying amounts of clay, silt and gravel and poorly graded sands with silt extending to depths of approximately 27 to 33 feet. Underlying the sands were predominantly lean clays with some fat clay and silt extending to the maximum depth explored of approximately 40 to 41½ feet in borings EB-1 through EB-3. In boring EB-4, the lean clay extended to a depth of approximately 42 feet where it transitioned to a more granular sequence of silty sand, poorly graded sand with silt and gravel, poorly graded gravel with sand and a poorly graded sand with silt which extended to a depth of approximately 54½ feet. At this depth, a lean clay with varying amounts of sand was encountered which existed to a maximum depth explored of approximately 70 feet.

Groundwater was initially encountered in the borings at depths ranging between approximately 20 and 24 feet below ground surface, corresponding to silty sands and poorly graded sands observed between approximately 17 and 33 feet. This sandy horizon is interpreted to be the upper A-zone aquifer. The saturated sand and gravel units encountered between approximately 42 and 54½ feet are interpreted to be the deeper B-zone aquifer.

For further detail, soil boring logs are attached in Appendix A.

### **3.2.2 Organic Vapor Readings**

Soil samples retrieved from the borings were monitored with a MiniRAE 3000 Organic Vapor Meter (OVM) to record VOC vapors. Organic vapor readings ranged from 0 to 668 part per million by volume (ppm<sub>v</sub>). The greatest OVM readings were recorded in boring EB-1 (within the general area of reported fuel impacts to soil and groundwater) between the approximate depths of 1 and 5 feet (5 to 424 ppm<sub>v</sub>) and between the approximate depths of 18 and 29 feet (5 to 668 ppm<sub>v</sub>). The OVM readings for the remainder of the borings did not exceed typical background concentrations. OVM readings are listed on the boring logs presented in Appendix A.

### **3.3 SOIL SAMPLE COLLECTION AND LABORATORY ANALYSES**

Soil samples were collected into stainless steel liners from the exploratory borings based on the sampling and analysis plan shown in Table 1 and Table 2. Twenty-eight soil samples were collected in new (clean) stain-less steel liners for environmental analysis and 18 samples were collected for geotechnical analysis. Ends of soil samples collected for environmental analytical analysis were covered in a Teflon film, fitted with plastic end caps, taped, and labeled with a unique sample identification number. Samples for laboratory analyses were placed in an ice-chilled cooler and transported to a state-certified laboratory with chain of custody documentation. The soil samples were analyzed for the chemical suites as shown below in Table 1. The analytical results were reported on a dry-weight basis.

Samples collected for geotechnical analysis were fitted with end caps and labeled with a unique sample identification number. The samples were tested for the geotechnical analyses listed below in Table 2.

**Table 1. Environmental Laboratory Testing Plan**

Boring ID	Approximate Boring Depth (feet)	Sample Depth (feet)	Sample Analysis							
			Asbestos <sup>1</sup>	CAM-17 <sup>2</sup>	TPHd/o <sup>3</sup>	VOCs + TPHg <sup>4</sup>	PCBs <sup>5</sup>	OCPs <sup>6</sup>	SVOCs <sup>7</sup>	PAHs <sup>8</sup>
EB-1	40	0-0.5	X	X	X	X	X	X	X	X
		0.5-1*	X	X	X	X	X	X	X	X
		3-3.5	X	X	X	X	X	X	X	X
		4.5-5	X	X	X	X	X	X	X	X
		9-9.5	X	X	X	X	X	X	X	X
		24-24.5		X	X	X				
		39-39.5		X	X	X				
EB-2	40	0.5-1	X	X	X	X	X	X	X	X
		1-1.5*	X	X	X	X	X	X	X	X
		3-3.5	X	X	X	X	X	X	X	X
		5.5-6	X	X	X	X	X	X	X	X
		9-9.5	X	X	X	X	X	X	X	X
		24-24.5		X	X	X				
		39-39.5		X	X	X				
EB-3	41½	0-0.5	X	X	X	X	X	X	X	X
		0.5-1*	X	X	X	X	X	X	X	X
		3-3.5	X	X	X	X	X	X	X	X
		5.5-6	X	X	X	X	X	X	X	X
		9-9.5	X	X	X	X	X	X	X	X
		24-24.5		X	X	X				
		39-39.5		X	X	X				
EB-4	70	0-0.5	X	X	X	X	X	X	X	X
		0.5-1*	X	X	X	X	X	X	X	X
		3-3.5	X	X	X	X	X	X	X	X
		5.5-6	X	X	X	X	X	X	X	X
		9-9.5	X	X	X	X	X	X	X	X
		24-24.5		X	X	X				
		39-39.5		X	X	X				
<b>Analyses Totals:</b>			<b>20</b>	<b>28</b>	<b>28</b>	<b>28</b>	<b>20</b>	<b>20</b>	<b>20</b>	<b>20</b>

- \* Sample collected within approximate upper 1 foot of first encountered soil.
- 1 Asbestos by Polarized Light Microscopy (PLM) and 400 Point Count with California Air Resources Board (CARB) 435 Preparation.
- 2 The 17 California Assessment Manual (CAM-17) by EPA Test Method 6010B/7471A.
- 3 Total Petroleum Hydrocarbons (TPH) as diesel and oil (TPHd/o) by EPA Test Method 8015B.
- 4 VOCs and TPH as gasoline (TPHg) by EPA Test Methods 8260B.
- 5 Polychlorinated Biphenyls (PCBs) by EPA Test Method 8082.
- 6 Organochlorine Pesticides (OCPs) by EPA Test Method 8081A.
- 7 Semi-Volatile Organic Compounds (SVOCs) by EPA Test Method 8270C.
- 8 Polynuclear Aromatic Hydrocarbons (PAHs) by EPA Test Method 8270 SIM.



**Table 2. Geotechnical Laboratory Testing Plan**

Boring ID	Approximate Boring Depth (feet)	Sample Depth (feet)	Plasticity Index <sup>1</sup>	Sieve Analysis <sup>2</sup>
EB-1	40	6.0	X	
		8.0		X
		23.5		X
		39.5	X	
EB-2	40	1.0	X	X
		8.5		X
		18.5		X
		14.5	X	
		19.5	X	
EB-3	40	11	X	
		14.5	X	
		18.5		X
		23.5		X
		34.5	X	
EB-4	70	3	X	X
		8.5		X
		9.5	X	
		28.5		X
<b>Analyses Totals:</b>			<b>10</b>	<b>10</b>

1 Plasticity Index (PI) by ASTM Test Method D4319

2 Sieve Analysis (Particle Size Analysis) by ASTM Test Method D422. Hydrometer testing not performed.

## SECTION 4: SUMMARY OF ENVIRONMENTAL ANALYTICAL DATA

Detected compound concentrations are presented in Table A (metals and asbestos), Table B (TPH and VOCs), Table C (SVOCs), and Table D (OCPs and PCBs) included in the Data Summary Tables Section of this Report. Chain of custody documentation and laboratory analytical reports are presented in Appendix B. Cornerstone compared the analytical results to Tier 1 Environmental Screening Levels (ESLs) established by the San Francisco Bay Regional Water Quality Control Board (RWQCB, January 2019). Metal concentrations were also compared to their respective natural background/ambient levels established for the San Francisco Bay Region (Bradford, et.al. 1996, and Scott 1991). Arsenic concentrations were compared to the natural background concentration for arsenic developed by Duverge<sup>1</sup> (2011).

<sup>1</sup> Natural background concentrations of arsenic are often above established environmental screening criteria; however, the California EPA generally does not require cleanup of metals in soil to below background levels. Bradford et.al. (1996) estimated that background arsenic concentrations in California soil types range from 0.6 mg/kg to 11 mg/kg. Scott (1991) documented background arsenic concentrations ranging up to 20 mg/kg. Duverge (2011) concluded that the upper estimate (the 99<sup>th</sup> percentile) for background arsenic levels in the San Francisco Bay Region is 11 mg/kg.

Detected analyte concentrations were also compared to their respective Total Threshold Limit Concentration (TTLC) regulatory values established by Title 22 of the California Code of Regulations (CCR). Analytical results of soil samples selected for additional Soluble Threshold Limit Concentration (STLC) testing were compared to their respective STLC regulatory values established by Title 22 of the CCR. The TTLC and STLC regulatory value for a constituent is the level at which a solid waste is considered hazardous in the State of California. Analytical results of soil samples selected for Toxicity Characteristic Leaching Procedure (TCLP) testing were compared to their respective TCLP regulatory values established by the Federal Resources Conservation and Recovery Act (RCRA). The TCLP regulatory value for a constituent is the level at which a solid waste is considered hazardous at the federal level.

Asbestos concentrations were compared to the California Air Resources Board Asbestos Toxic Control Measure (CARB ATCM) regulatory threshold screening level of 0.25 percent.

#### **4.1 SUMMARY OF SOIL ANALYTICAL DATA**

##### **4.1.1 Metals and Asbestos**

- Arsenic was detected in 23 of 28 soil samples analyzed at concentrations ranging from 1.31 to 24.3 milligrams per kilogram (mg/kg). One sample collected from fill and two samples collected from native soil contained arsenic concentrations above its established natural background/ambient level of 11 mg/kg (Duverge, 2011).
- Chromium was detected in 28 of 28 soil samples analyzed at concentrations ranging from 43.2 to 319 mg/kg. Three soil samples collected from base rock contained a chromium concentration that exceeded its Tier 1 ESL of 160 mg/kg. Twenty-four soil samples (collected from base rock, fill and native soil) were selected for additional STLC chromium analysis. STLC chromium was detected in 9 of 24 soil samples analyzed at concentrations ranging from 0.252 to 0.62 milligrams per liter (mg/L). These concentrations were below chromium's STLC regulatory value of 5 mg/L.
- Cobalt was detected in 28 of 28 soil samples analyzed at concentrations ranging from 8.5 to 54.7 mg/kg. Three samples collected from base rock and 1 sample collected from fill contained a cobalt concentration that exceeded its Tier 1 ESL of 23 mg/kg.
- Lead was detected in 28 of 28 soil samples analyzed at concentrations ranging from 4.2 to 288 mg/kg. One sample collected from base rock and five samples collected from fill contained a lead concentration that exceeded its Tier 1 ESL of 32 mg/kg. The five fill samples were selected for additional STLC lead analysis. STLC lead was detected in 5 of 5 soil samples analyzed at concentrations ranging from 2.88 to 17.7 mg/L. Samples EB-1 (0.5-1), EB-2 (1-1.5), EB-3 (0.5-1) and EB-3 (3-3.5) contained a soluble lead concentration that exceeded its STLC regulatory value of 5 mg/L. The four samples that failed STLC lead analysis were additionally analyzed for TCLP lead. TCLP lead was not detected above laboratory reporting limits.
- Nickel was detected in 28 of 28 soil samples analyzed at concentrations ranging from 66.9 to 959 mg/kg. The four samples collected from base rock samples and 5 samples collected from fill contained nickel concentrations that exceeded its Tier 1 ESL of 86 mg/kg. Ten samples collected from native soil also contained nickel concentrations in exceedance of its Tier 1 ESL. Four base rock samples and 1 fill sample were selected

for additional STLC nickel analysis. STLC nickel was detected in the five samples at concentrations ranging from 2.42 to 6.86 mg/L. These concentrations of nickel did not exceed its STLC regulatory value of 20 mg/L.

- Vanadium was detected in 28 of 28 soil samples analyzed at concentrations ranging from 30 to 59.4 mg/kg. Concentrations of vanadium in samples collected from base rock, fill and native soil exceeded its Tier 1 ESL of 18 mg/kg; however, the concentrations were within vanadium's report natural background levels for the region (Bradford, et.al. 1996, and Scott 1991).
- Asbestos was detected in 2 of 20 soil samples analyzed. Sample EB-3 (0-0.5) collected from base rock and sample EB-3 (0.5-1) collected from fill contained asbestos concentrations of 0.75 percent and 1.25 percent, respectively. Both these concentrations exceeded the CARB ATCM screening level of 0.25 percent.

#### **4.1.2 TPH**

- TPHo was detected in 16 of the 28 soil samples analyzed at concentrations ranging from 11.5 to 2,530 mg/kg. Soil sample EB-3 (0-0.5) collected from base rock contained a TPHo concentration (2,530 mg/kg) that exceeded its Tier 1 ESL of 1,600 mg/kg.
- TPHd was detected in 15 of the 28 soil samples analyzed at concentrations ranging from 2.01 to 717 mg/kg. Samples EB-1 (0.5-1) collected from fill contained a TPHd concentration that exceeded its Tier 1 ESL of 260 mg/kg.
- TPHg was detected in 5 of 28 soil samples analyzed at concentrations ranging from 0.223 to 4,820 mg/kg. Sample EB-1 (0.5-1) collected from fill and sample EB-1 (24-24.5) collected from native soil contained TPHg concentrations that exceeded its Tier 1 ESL of 100 mg/kg.

#### **4.1.3 VOCs**

- Tert-Butyl Alcohol (TBA) was detected in 4 of 28 soil samples analyzed at concentrations ranging from 0.0595 to 0.163 mg/kg. Samples EB-2 (9-9.5) and EB-2 (24-24.5) collected from native soil contained TBA concentrations that exceeded its Tier 1 ESL of 0.075 mg/kg.
- No other VOCs were detected above their respective Tier 1 ESL.

#### **4.1.4 SVOCs**

- Benzo(a)pyrene was detected in 9 of 28 soil samples analyzed at concentrations ranging from 0.011 to 0.2 mg/kg. Sample EB-1 (0.5-1) collected from fill contained a benzo(a)pyrene concentration that exceeded its Tier 1 ESL of 0.11 mg/kg.
- Naphthalene was detected in 6 of 28 soil samples analyzed at concentrations ranging from 0.0028 to 0.32 mg/kg. Sample EB-1 (0-0.5) collected from base rock and sample EB-1 (0.5-1) collected from fill contained concentrations of naphthalene that exceeded its Tier 1 ESL of 0.042 mg/kg.

- No other SVOCs were detected above their respective Tier 1 ESL. SVOC impacts appear limited to base rock and fill. With the exception of low-level detections (below Tier 1 ESLs) of naphthalene in sample EB-1 (3-3.5) and phenanthrene EB-1 (9-9.5), no SVOCs were detected above laboratory reporting limits in native soil.

#### **4.1.5 OCPs**

- 4,4-DDT was detected in 4 of 20 samples analyzed at concentrations ranging from 0.00539 to 0.03 mg/kg, which exceeded its Tier 1 ESL of 0.0011 mg/kg. All detections of 4,4-DDT were from samples collected from base rock and fill.
- Dieldrin was detected in 2 of 20 soil samples analyzed at concentrations of 0.0154 and 0.0032 mg/kg, which both exceeded its Tier 1 ESL of 0.00046 mg/kg. All detections of dieldrin were from samples collected from base rock and fill.
- No other OCPs were detected above their respective Tier 1 ESLs. OCPs were not detected above laboratory reporting limits in native soil samples analyzed.

#### **4.1.6 PCBs**

- The PCB compound Aroclor 1260 was detected in 2 of 60 soil samples analyzed at concentrations of 0.117 mg/kg and 0.603 mg/kg. Sample EB-3 (0-0.5) collected from base rock contained an Aroclor 1260 concentration that exceeded its Tier 1 ESL of 0.23 mg/kg.
- No other PCBs were detected in the soil samples.

### **4.2 GEOTECHNICAL PARAMETERS**

Eighteen soil samples were selected from the exploratory borings for geotechnical laboratory analyses to provide a preliminary geotechnical soil profile in the approximate upper 40 feet of soil at the Site. Of the samples collected, 10 samples were selected for sieve analysis and 10 samples were selected for plasticity index (PI) analysis. The results of geotechnical testing are presented in Appendix A.

## **SECTION 5: CONCLUSIONS AND RECOMMENDATIONS**

We understand that the planned Site redevelopment will include excavations of up to 40 feet to accommodate construction of a multi-level subterranean parking structure. The excavated soil will require off-Site disposal. Cornerstone advanced exploratory borings EB-1 through EB-3 to the approximate depths of 40 to 41½ feet and EB-4 to an approximate depth of 70 feet. Soil samples were collected from the upper approximate 40 feet of soil for environmental and geotechnical testing to generate a preliminary soil profile.

### **5.1 BASE ROCK QUALITY**

Base rock was observed at depths ranging from 1 to 8 inches beneath the pavement. The contaminants of concern (COCs) consist of PCBs, TPHd, TPHo, PAHs, and metals. Based on the available data, it appears that base rock material may be acceptable at a class II landfill

facility. However, it may be difficult to segregate this material from the underlying fill (which appears to require Class I landfill disposal as discussed in Section 5.2).

## **5.2 FILL QUALITY**

Fill was observed at depths ranging from approximately 3 to 5 feet. Lead appears to be the most significant COC. Based on the STLC lead testing, it appears that the fill at the Site likely would require disposal as a Class I California hazardous waste, significantly increasing the cost of disposal. TCLP lead testing has indicated that fill does not classify as a Federal RCRA hazardous waste at this time.

TPH, PAHs/SVOCs and OCP contamination also was detected in the fill; note that TPH impacts also are present at depth in native soils near the former Pacific Greyhound garage and within the shallow water yielding zone in the western area of the Site (discussed in Section 5.4).

## **5.3 NATURALLY OCCURRING ASBESTOS**

Naturally occurring asbestos (NOA) occurs in ultramafic rock (such as serpentine) and may be present in soils associated with the erosion and transport of sediments derived from these rock types. Information reviewed by CARB has shown that activities associated with construction, grading, quarrying, and surface mining operations in materials known to have NOA can release asbestos-containing dust. Exposure to asbestos can result in health ailments such as lung cancer, mesothelioma (cancer of the linings of the lungs and abdomen) and asbestosis (scarring of lung tissues that results in constricted breathing).

Asbestos was detected in one base rock sample and one fill sample (boring EB-3) at concentrations of 1.25 and 0.75 percent, respectively, which was above the CARB ATCM regulatory screening level of 0.25 percent. NOA was not detected in the other three borings advanced at the Site. Additionally, NOA was not detected in the native soil samples analyzed. It appears that at least some portion of the base rock and fill at the Site contain NOA.

The Bay Area Air Quality Management District (BAAQMD) locally enforces the CARB ATCM regulation. BAAQMD requires project sites that contain greater than 0.25 percent asbestos have an Asbestos Dust Mitigation Plan (ADMP). Prior to Site redevelopment, we recommend retaining an appropriately qualified environmental professional to prepare the required ADMP. The ADMP should provide the necessary mitigation measures, procedures and protocols to minimize exposure of human receptors (both on-Site and off-Site) to NOA during Site redevelopment. The risk posed by the disturbance of NOA containing materials during planned redevelopment activities can be reduced and/or minimized by dust mitigation measures that address specific emission sources, such as track-out onto paved public roads, active storage piles, inactive disturbed surface areas and storage piles, traffic on unpaved on-Site roads, earthmoving activities, and off-Site transport of materials.

Please note that for project sites equal to or greater than 1 acre in size, the ADMP is required to be submitted to BAAQMD for review and comment. We understand that the area of the Site is 0.9899 acres (43,122 square feet). Based on the provided information, it appears that the ADMP will not require BAAQMD review/approval and regulatory oversight during construction will not be necessary. If the area of the Site becomes 1 acre or greater, the ADMP will require BAAQMD review and the Site will require oversight from the BAAQMD.

## 5.4 NATIVE SOIL QUALITY

Nineteen samples of the native soil underlying the existing fill soil were collected from the exploratory borings for laboratory analyses. Although several samples contained concentrations of chromium and vanadium that were above their respective Tier 1 ESLs; concentrations of chromium and vanadium were within their reported natural background concentration ranges (Bradford, et.al. 1996, and Scott 1991). All other metal concentrations also appeared to be within background ranges with exception of arsenic, which was detected at elevated concentrations (18.5 mg/kg and 24.3 mg/kg) in samples collected at approximate depths of 9 and 24 feet in boring EB-2.

TPHg was detected at an elevated concentration (4,820 mg/kg) in soil sample EB-1 (24-24.5). Boring EB-1 was advanced in a location of known TPH impacted soil and groundwater.

The VOC compound TBA was detected in soil samples EB-2 (9-9.5) and EB-2 (24-24.5) above Tier 1 ESLs. TBA was historically used as an oxygenate in fuels such as gasoline and is therefore commonly associated with fuel releases. The source of TBA is not known.

All other VOCs, PAHs/SVOCs, OCPs, PCBs and NOA constituents were not detected above laboratory reporting limits in the native soil samples analyzed with exception of low-level detections (below Tier 1 ESLs) of naphthalene in sample EB-1 (3-3.5) and phenanthrene EB-1 (9-9.5).

The TPH contamination at depth appeared localized in the general area of the former Pacific Greyhound garage and in the groundwater yielding zone in the western area of the Site. Native soils within the groundwater yielding zone (approximate depth of 17 to 33 feet) in the western half of the Site likely will require Class II disposal. The native soils in the eastern portion of the Site likely can be disposed at a permitted (non-landfill) facility.

## 5.5 SOIL MANAGEMENT PLAN

Cornerstone recommends the preparation of a Soil Management Plan (SMP) to provide the necessary operational measures and management practices to mitigate the risks associated with the excavation, handling, and off-Site disposal of the known impacted soil identified and described in this report and any unanticipated impacted soil or otherwise hazardous materials and structures encountered during construction.

Soils likely requiring Class I disposal consist of the on-Site fills. Soils likely requiring Class II landfill disposal include: 1) native soils impacted with the reported fuel release (western area of the Site); and 2) soils within the groundwater yielding zone (approximate depth of 17 to 33 feet) in the western half of the Site. The native soils in the eastern portion of the Site likely can be handled through disposal at a permitted (non-landfill) facility.

## 5.6 HEALTH AND SAFETY PLAN

We recommend the preparation of a Site specific Health and Safety Plan (HSP) by a certified industrial hygienist. The HSP will inform workers of general safety hazards along with the nature and toxicity information for COCs present at the Site. The HSP will describe specific

worker safety requirements and training necessary to protect their health and well-being during construction activities.

## **5.7 VOLUNTARY CLEANUP PROGRAM**

Due to the identified presence of fill soil impacted by several COCs including lead, we recommend JPDC enter into the DEH Voluntary Cleanup Program (VCP) by executing a Remedial Action Agreement (RAA) with DEH. The Voluntary Cleanup Program oversees cleanup of properties contaminated by hazardous materials that are not the result of leaking underground petroleum storage tanks (LUST Case described further below). The development plans, on-Site environmental concerns, mitigation approaches, and Site management objectives for the proposed development should be discussed with DEH. We recommend retaining a qualified environmental professional to facilitate DEH coordination.

Please note that the DEH is required to notify the DTSC and Regional Water Quality Control Board (Water Board) to determine if they have any regulatory involvement with the Site. The selection of a single oversight agency is intended to facilitate expedient and cost-effective investigation, mitigation, and reuse of the Site while protecting public human health and the environment. The lead agency will be responsible for overseeing and directing all Site investigation and mitigation activities in a manner that ensures that the standards and requirements of the State of California are fully addressed. It is likely that the DEH will maintain the role of lead oversight agency. Within this process, DEH will review, comment and approve the previously described SMP and provide agency oversight for Site remedial activities.

## **5.8 COORDINATION WITH DEH REGARDING OPEN LUST CASE**

The Site is currently an open LUST case under regulatory oversight from the DEH. Future Site redevelopment activities will require coordination with DEH and the responsible party (AT&T). We recommend that this report be submitted to DEH for their review. We recommend discussing these results with the DEH to determine their requirements for redevelopment of Site and to further evaluate the case closure process. Site development plans will need to be coordinated with the DEH and responsible parties.

## **5.9 REMOVAL OF EXISTING DIESEL USTS**

We understand that three existing 20,000 gallon USTs are planned to be removed from the Site by AT&T. This work should be coordinated under permit from the DEH and SJFD. DEH will require soil sampling beneath the storage tanks after their removal. If elevated concentrations are detected, we recommend that AT&T over-excavate and appropriately dispose of these soils. If groundwater is present within the excavation, the groundwater will also require sampling. Soil sampling will also be required under all associated piping. An environmental professional should be retained to facilitate UST removal and sampling activities.

## **5.10 GENERAL CONCLUSION**

We recommend providing this report and analytical data to the selected disposal facility for comparison to their acceptance criteria. The disposal facility likely would require additional testing prior to acceptance.

## **SECTION 6: LIMITATIONS**

Cornerstone performed this investigation to support JP DiNapoli Companies Incorporated in evaluation of soil, quality beneath the Site. JP DiNapoli Companies Incorporated understands that the extent of soil data obtained is based on the reasonable limits of time and budgetary constraints. In addition, the chemical information presented in this report can change over time and is only valid at the time of this investigation and for the locations sampled.

This report, an instrument of professional service, was prepared for the sole use of the JP DiNapoli Companies Inc. and may not be reproduced or distributed without written authorization from Cornerstone. Cornerstone makes no warranty, expressed or implied, except that our services have been performed in accordance with the environmental principles generally accepted at this time and location.

DRAFT



**FIGURES**

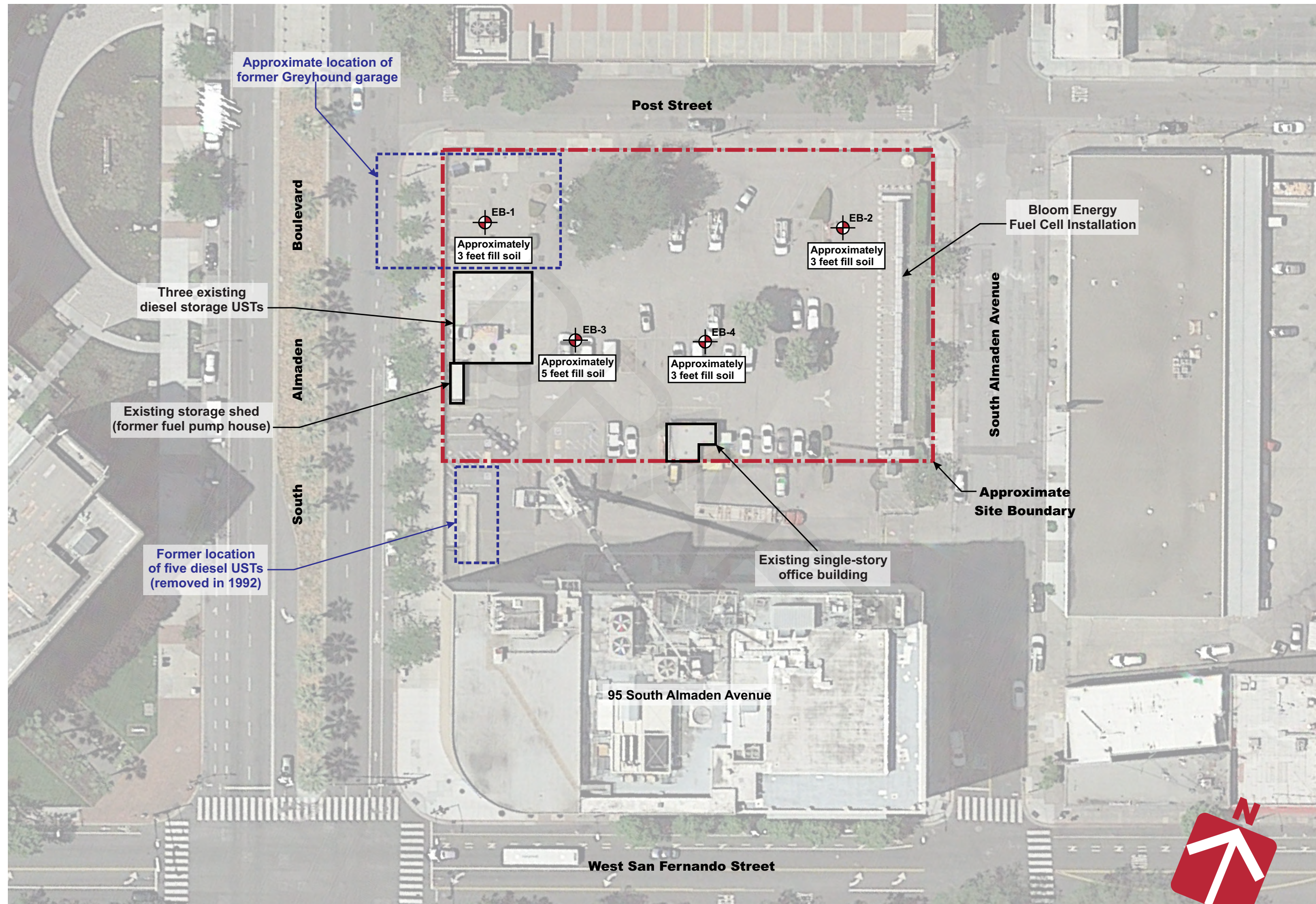
DRAFT



**Vicinity Map**

**95 South Almaden Avenue  
San Jose, CA**

Project Number	510-29-2
Figure Number	Figure 1
Date	October 2019
Drawn By	RRN



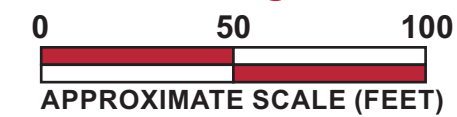
Project Number	510-29-2
Figure Number	Figure 2
Date	October 2019
Drawn By	RRN

**Site Plan**

**95 South Almaden Avenue  
San Jose, CA**

**Legend**

Approximate location of exploratory boring (EB)  
(Cornerstone, 2019)



Base by Google Earth, dated 5/9/2018

**DATA SUMMARY TABLES**

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**Table A. Analytical Results of Soil Samples; Metals & Asbestos**  
(Concentrations in mg/kg; Unless otherwise stated)

Boring ID	Sample ID	Date	Sample Type	Depth (feet)	Arsenic	Barium	Chromium	Cobalt	Copper	Lead	Mercury	Nickel	Vanadium	Zinc	Asbestos (%)
EB-1	EB-1(0-0.5)	9/28/2019	Baserock	0-½	<1.52	144	<b>319</b> (0.62)	<b>54.7</b>	25.7	13.9	<0.59	<b>959</b> (4.6)	<b>28.5</b>	49.6	<0.25
	EB-1(0.5-1)	9/28/2019	Fill	½-1	6.9	185	69 (0.34)	15.9	49.5	<b>59.2</b> <b>(6.33)</b> [<0.20]	<0.58	<b>133</b>	<b>39.6</b>	97.2	<0.25
	EB-1(3-3.5)	9/28/2019	Native	3-3½	6.25	233	69 (<0.20)	16.8	43.9	15.4	<0.60	<b>112</b>	<b>44.7</b>	83.9	<0.25
	EB-1(4.5-5)	9/28/2019	Native	4½-5	7.6	281	59.7 (<0.20)	14.7	38.4	13.6	<0.58	<b>99.8</b>	<b>39.4</b>	73.7	<0.25
	EB-1(9-9.5)	9/28/2019	Native	9-9½	6.09	154	54.3 (<0.20)	13.1	36.5	10.4	<0.62	<b>89.3</b>	<b>37.6</b>	72.5	<0.25
	EB-1(24-24.5)	9/28/2019	Native	24-24½	1.31	54.5	38.7	8.5	16.5	4.2	<0.60	48.6	<b>32.6</b>	35.9	---
	EB-1(39-39.5)	9/28/2019	Native	39-39½	<1.63	122	54.6 (0.25)	15.4	35.1	9.19	<0.63	81.3	<b>46.3</b>	71.9	---
EB-2	EB-2(0.5-1)	9/29/2019	Baserock	½-1	1.94	79.2	<b>271</b> (0.469)	<b>54.7</b>	24.6	10	<0.57	<b>861</b> (6.28)	<b>34.5</b>	43.3	<0.25
	EB-2(1-1.5)	9/29/2019	Fill	1-1½	<b>11.6</b>	365	59.2 (0.281)	14.8	64.4	<b>288</b> <b>(10.2)</b> [<0.20]	0.76	<b>111</b>	<b>47.6</b>	225	<0.25
	EB-2(3-3.5)	9/29/2019	Native	3-3½	6.73	209	60.3 (<0.20)	15	40.4	14.8	<0.58	<b>99.2</b>	<b>41.2</b>	74.2	<0.25
	EB-2(5.5-6)	9/29/2019	Native	5½-6	8.83	220	65.9 (<0.20)	17	46.1	12.6	<0.61	<b>112</b>	<b>45.6</b>	78.7	<0.25
	EB-2(9-9.5)	9/29/2019	Native	9-9½	<b>24.3</b>	105	56.2 (<0.20)	11.7	25.5	7.84	<0.53	<b>92.2</b>	<b>36.4</b>	54.1	<0.25
	EB-2(24-24.5)	9/29/2019	Native	24-24½	<b>18.5</b>	55.8	37.4	9.86	21.9	4.7	<0.58	59.7	<b>40.3</b>	41.6	---
	EB-2(39-39.5)	9/29/2019	Native	39-39½	2.85	168	65 (0.315)	17.8	46	13.1	<0.65	<b>90.4</b>	<b>59.4</b>	103	---
EB-3	EB-3(0-0.5)	9/29/2019	Baserock	0-½	<1.47	51.8	<b>242</b> (0.581)	<b>44.9</b>	19.7	7.01	<0.57	<b>864</b> (6.86)	<b>34.1</b>	37.6	<b>1.25</b>
	EB-3(0.5-1)	9/29/2019	Fill	½-1	4.03	223	123 (0.299)	<b>29.2</b>	46.6	<b>158</b> <b>(17.7)</b> [<0.20]	<0.60	<b>426</b> (2.42)	<b>43.9</b>	135	<b>0.75</b>
	EB-3(3-3.5)	9/29/2019	Fill	3-3½	10.5	241	65.4 (0.252)	15.8	47.8	<b>148</b> <b>(16.4)</b> [<0.20]	<0.60	<b>112</b>	<b>44.5</b>	140	<0.25
	EB-3(5.5-6)	9/29/2019	Native	5½-6	8.19	223	59.3 (<0.20)	14.7	39.3	11.4	<0.57	<b>102</b>	<b>40.6</b>	73.5	<0.25
	EB-3(9-9.5)	9/29/2019	Native	9-9½	6.73	271	68.6 (<0.20)	17.5	52.3	15.3	<0.64	<b>121</b>	<b>54.5</b>	81.3	<0.25
	EB-3(24-24.5)	9/29/2019	Native	24-24½	<1.63	126	71.3 (0.474)	13.9	36.3	8.06	<0.63	<b>88.8</b>	<b>56.2</b>	70.6	---
	EB-3(39-39.5)	9/29/2019	Native	39-39½	4.66	92.4	51.1 (<0.20)	14.3	29.1	8.31	<0.62	78.7	<b>45</b>	67	---
EB-4	EB-4(0-0.5)	9/28/2019	Baserock	0-½	2.81	85.8	79.2 (0.310)	18.9	26.6	<b>33</b>	<0.55	<b>246</b> (3.59)	<b>30</b>	58.9	<0.25
	EB-4(0.5-1)	9/28/2019	Fill	½-1	5.42	158	66.1 (<0.20)	15.4	44.5	<b>65</b> <b>(2.88)</b>	<0.56	<b>135</b>	<b>42.1</b>	93	<0.25
	EB-4(3-3.5)	9/28/2019	Native	3-3½	5.92	188	51.4 (<0.20)	12.6	34.7	9.95	<0.58	82.8	<b>35.4</b>	63.8	<0.25
	EB-4(5.5-6)	9/28/2019	Native	5½-6	5.63	201	43.2	10.9	29.7	8.37	<0.59	70.8	<b>29.9</b>	58	<0.25
	EB-4(9-9.5)	9/28/2019	Native	9-9½	8.84	101	53.8 (<0.20)	10.5	26.1	8.38	<0.57	80.4	<b>32.6</b>	54	<0.25
	EB-4(24-24.5)	9/28/2019	Native	24-24½	1.75	68.1	49.6	9.88	23.4	6.13	<0.63	66.9	<b>39.3</b>	50.7	---
	EB-4(39-39.5)	9/28/2019	Native	39-39½	<1.57	134	57.1 (0.344)	13.9	44.5	10.7	<0.61	83.5	<b>48.8</b>	81.7	---
Maximum Detection					<b>24.3</b>	365	<b>319</b>	<b>54.7</b>	64.4	<b>288</b>	0.76	<b>959</b>	<b>59.4</b>	225	<b>1.25</b>
Environmental Screening Level					11	390	160	23	180	32	13	86	18	340	0.25
Screening Level Basis					Duverge <sup>1</sup>	ESL <sup>2</sup>	ESL <sup>2</sup>	ESL <sup>2</sup>	ESL <sup>2</sup>	ESL <sup>2</sup>	ESL <sup>2</sup>	ESL <sup>2</sup>	ESL <sup>2</sup>	ESL <sup>2</sup>	ATCM <sup>3</sup>
STLC <sup>4</sup> (mg/L)					5	100	5	80	25	5	0.2	20	24	250	NE
TCLP <sup>5</sup> (mg/L)					5	100	5	NE	NE	5	0.2	NE	NE	NE	NE

1 Duverge, 2011. Establishing Background Arsenic in Soil of the Urbanized San Francisco Bay Region.  
2 Tier 1 Environmental Screening Level (ESL), RWQCB, San Francisco Bay Region - January 2019.  
3 California Air Resources Board - Asbestos Toxic Control Measure (ATCM) - regulatory threshold screening level.  
4 Soluble Threshold Limit Concentration (STLC) - California Code of Regulation, Title 22.  
5 Toxicity Characteristic Leaching Procedure (TCLP) - California Code of Regulations, Title 40, Chapter 1, Part 261.  
< Not detected at or above laboratory reporting limit  
**BOLD** Concentration exceeds selected environmental screening criteria  
--- Not Analyzed  
NE Not Established  
() Values in parenthesis are results of STLC testing (mg/L).  
[] Values in parenthesis are results of TCLP testing (mg/L).

**Table B. Analytical Results of Soil Samples; TPH & VOCs**  
(Concentrations in mg/kg)

Boring ID	Sample ID	Date	Sample Type	Depth (feet)	TPH			VOCs	
					TPHo	TPHd	TPHg	Tert-Butyl Alcohol	Other VOCs
EB-1	EB-1(0-0.5)	9/28/2019	Baserock	0-½	949	51.3	75.5	<6.2	ND
	EB-1(0.5-1)	9/28/2019	Fill	½-1	365	<b>717</b>	<b>152</b>	<4.9	ND
	EB-1(3-3.5)	9/28/2019	Native	3-3½	<10	2.01	0.302	<0.049	ND
	EB-1(4.5-5)	9/28/2019	Native	4½-5	11.5	<2.0	0.223	0.0745	ND
	EB-1(9-9.5)	9/28/2019	Native	9-9½	<10	<2.0	<0.11	<0.057	ND
	EB-1(24-24.5)	9/28/2019	Native	24-24½	<10	13	<b>4,820</b>	<27	ND
	EB-1(39-39.5)	9/28/2019	Native	39-39½	<10	<2.0	<0.11	<0.053	ND
EB-2	EB-2(0.5-1)	9/29/2019	Baserock	½-1	1,240	<46	<0.12	<0.059	ND
	EB-2(1-1.5)	9/29/2019	Fill	1-1½	201	17.4	<0.11	<0.056	ND
	EB-2(3-3.5)	9/29/2019	Native	3-3½	13.9	3.16	<0.096	<0.048	ND
	EB-2(5.5-6)	9/29/2019	Native	5½-6	<12	<2.4	<0.11	<0.056	ND
	EB-2(9-9.5)	9/29/2019	Native	9-9½	<11	<2.1	<0.12	<b>0.151</b>	ND
	EB-2(24-24.5)	9/29/2019	Native	24-24½	15.2	4.28	<0.12	<b>0.163</b>	ND
	EB-2(39-39.5)	9/29/2019	Native	39-39½	24.2	10.8	<0.11	<0.055	ND
EB-3	EB-3(0-0.5)	9/29/2019	Baserock	0-½	<b>2,530</b>	116	<0.12	<0.061	ND
	EB-3(0.5-1)	9/29/2019	Fill	½-1	252	18.2	<0.11	<0.056	ND
	EB-3(3-3.5)	9/29/2019	Fill	3-3½	70.9	7.76	<0.11	<0.054	ND
	EB-3(5.5-6)	9/29/2019	Native	5½-6	<11	<2.3	<0.11	<0.054	ND
	EB-3(9-9.5)	9/29/2019	Native	9-9½	<13	<2.5	<0.12	<0.059	ND
	EB-3(24-24.5)	9/29/2019	Native	24-24½	13.1	4	<0.11	<0.053	ND
	EB-3(39-39.5)	9/29/2019	Native	39-39½	<12	<2.5	<0.10	<0.052	ND
EB-4	EB-4(0-0.5)	9/28/2019	Baserock	0-½	906	<44	<0.096	<0.048	ND
	EB-4(0.5-1)	9/28/2019	Fill	½-1	96.2	4.8	<0.11	0.0595	ND
	EB-4(3-3.5)	9/28/2019	Native	3-3½	<12	<2.3	<0.10	<0.052	ND
	EB-4(5.5-6)	9/28/2019	Native	5½-6	<12	<2.3	<0.11	<0.053	ND
	EB-4(9-9.5)	9/28/2019	Native	9-9½	<11	<2.3	<0.11	<0.053	ND
	EB-4(24-24.5)	9/28/2019	Native	24-24½	13	3.76	<0.11	<0.054	ND
	EB-4(39-39.5)	9/28/2019	Native	39-39½	24.6	3.1	<0.099	<0.05	ND
Maximum Detection					<b>2,530</b>	<b>717</b>	<b>4,820</b>	<b>0.163</b>	ND
Environmental Screening Level					1,600	260	100	0.075	Varies
Screening Level Basis					ESL <sup>1</sup>	ESL <sup>1</sup>	ESL <sup>1</sup>	ESL <sup>1</sup>	Varies

1 Tier 1 Environmental Screening Level (ESL), RWQCB, San Francisco Bay Region January 2019.  
 < Not detected at or above laboratory reporting limit  
 ND Not Detected  
**BOLD** Concentration exceeds selected environmental screening criteria

**Table C. Analytical Results of Soil Samples; SVOCs**  
(Concentrations in mg/kg)

Boring ID	Sample ID	Date	Sample Type	Depth (feet)	2-Methylnaphthalene	Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo(g,h,i)perylene	Benzo[a]pyrene	Benzo[b]fluoranthene	Benzo[k]fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	Phenanthrene	Pyrene	Bis(2-ethylhexyl)phthalate	Pyridine	Naphthalene		
EB-1	EB-1(0-0.5)	9/28/2019	Baserock	0-½	0.12	0.038	0.027	0.021	0.069	0.11	0.083	0.079	0.036	0.08	0.042	0.11	0.054	0.081	0.12	0.13	<0.498	<1.41	<b>0.076</b>		
	EB-1(0.5-1)	9/28/2019	Fill	½-1	0.74	0.076	0.042	0.019	0.101	0.24	<b>0.2</b>	0.2	0.054	0.13	0.017	0.29	0.12	0.24	0.31	0.42	<0.0353	-0.705	<b>0.32</b>		
	EB-1(3-3.5)	9/28/2019	Native	3-3½	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.857	<0.857	0.0049	
	EB-1(4.5-5)	9/28/2019	Native	4½-5	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.835	<0.835	<0.0046	
	EB-1(9-9.5)	9/28/2019	Native	9-9½	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<b>0.0051</b>	<0.0049	<0.893	<0.893	<0.0049	
	EB-1(24-24.5)	9/28/2019	Native	24-24½	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<3.8
	EB-1(39-39.5)	9/28/2019	Native	39-39½	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<0.011
EB-2	EB-2(0.5-1)	9/29/2019	Baserock	½-1	0.0041	<0.0026	<0.0029	<0.0084	0.02	0.034	0.011	0.0065	0.0043	<0.0078	0.0087	<0.0084	<0.0043	0.0082	<0.0094	<0.0087	<0.243	<0.693	<0.0081		
	EB-2(1-1.5)	9/29/2019	Fill	1-1½	0.0019	<0.00037	0.00056	0.0021	0.015	0.012	0.016	0.018	0.0072	0.014	0.0031	0.011	<0.00062	0.013	0.0071	0.014	<0.0356	<0.102	0.0028		
	EB-2(3-3.5)	9/29/2019	Native	3-3½	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.835	<0.835	<0.0046		
	EB-2(5.5-6)	9/29/2019	Native	5½-6	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.871	<0.871	<0.0048	
	EB-2(9-9.5)	9/29/2019	Native	9-9½	<0.0042	<0.0042	<0.0042	<0.0042	<0.0042	<0.0042	<0.0042	<0.0042	<0.0042	<0.0042	<0.0042	<0.0042	<0.0042	<0.0042	<0.0042	<0.0042	<0.0042	<0.763	<0.763	<0.0042	
	EB-2(24-24.5)	9/29/2019	Native	24-24½	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<0.012
	EB-2(39-39.5)	9/29/2019	Native	39-39½	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<0.011
EB-3	EB-3(0-0.5)	9/29/2019	Baserock	0-½	0.013	<0.002	<0.0023	<0.0067	0.02	0.051	0.017	0.017	0.0043	0.06	0.011	<0.0067	<0.0034	0.0089	0.016	0.024	<0.481	<1.36	<0.0064		
	EB-3(0.5-1)	9/29/2019	Fill	½-1	0.011	0.0049	0.0024	0.01	0.046	0.034	0.038	0.048	0.017	0.04	0.0084	0.056	0.0036	0.036	0.041	0.053	0.0415	<0.104	0.012		
	EB-3(3-3.5)	9/29/2019	Fill	3-3½	<0.0048	<0.0048	<0.0048	0.0061	0.024	0.019	0.025	0.035	0.013	0.027	0.0052	0.043	<0.0048	0.024	0.026	0.04	<0.864	<0.864	<0.0048		
	EB-3(5.5-6)	9/29/2019	Native	5½-6	<0.0045	<0.0045	<0.0045	<0.0045	<0.0045	<0.0045	<0.0045	<0.0045	<0.0045	<0.0045	<0.0045	<0.0045	<0.0045	<0.0045	<0.0045	<0.0045	<0.0045	<0.814	<0.814	<0.0045	
	EB-3(9-9.5)	9/29/2019	Native	9-9½	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.922	<0.922	<0.005	
	EB-3(24-24.5)	9/29/2019	Native	24-24½	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<0.011
	EB-3(39-39.5)	9/29/2019	Native	39-39½	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<0.01
EB-4	EB-4(0-0.5)	9/28/2019	Baserock	0-½	0.016	<0.0049	0.0062	<0.016	0.047	0.051	0.024	0.023	0.012	0.028	0.015	<0.016	<0.0082	0.023	0.018	0.021	<0.468	<1.33	<0.0096		
	EB-4(0.5-1)	9/28/2019	Fill	½-1	0.0058	0.001	0.0027	0.0031	0.014	0.016	0.017	0.021	0.0076	0.017	0.0051	0.018	0.0016	0.014	0.015	0.02	<0.0343	<0.0981	0.0057		
	EB-4(3-3.5)	9/28/2019	Native	3-3½	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.828	<0.828	<0.0046	
	EB-4(5.5-6)	9/28/2019	Native	5½-6	<0.023	<0.023	<0.023	<0.023	<0.023	<0.023	<0.023	<0.023	<0.023	<0.023	<0.023	<0.023	<0.023	<0.023	<0.023	<0.023	<0.023	<0.842	<0.842	<0.011	
	EB-4(9-9.5)	9/28/2019	Native	9-9½	<0.0045	<0.0045	<0.0045	<0.0045	<0.0045	<0.0045	<0.0045	<0.0045	<0.0045	<0.0045	<0.0045	<0.0045	<0.0045	<0.0045	<0.0045	<0.0045	<0.0045	<0.821	<0.821	<0.0045	
	EB-4(24-24.5)	9/28/2019	Native	24-24½	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<0.011
	EB-4(39-39.5)	9/28/2019	Native	39-39½	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<0.0099
Maximum Detection					0.74	0.076	0.042	0.021	0.101	0.24	<b>0.2</b>	0.2	0.054	0.13	0.042	0.29	0.12	0.24	0.31	0.42	0.0415	0.295	<b>0.32</b>		
Environmental Screening Level					0.88	12	6.4	1.9	0.63	2.5	0.11	1.1	2.8	2.2	0.11	0.69	6	0.48	7.8	45	0.8	58	0.042		
Screening Level Basis					ESL <sup>1</sup>	ESL <sup>1</sup>	ESL <sup>1</sup>	ESL <sup>1</sup>	ESL <sup>1</sup>	ESL <sup>1</sup>	ESL <sup>1</sup>	ESL <sup>1</sup>	ESL <sup>1</sup>	ESL <sup>1</sup>	ESL <sup>1</sup>	ESL <sup>1</sup>	ESL <sup>1</sup>	ESL <sup>1</sup>	ESL <sup>1</sup>	ESL <sup>1</sup>	ESL <sup>1</sup>	ESL <sup>1</sup>	DTSC <sup>1</sup>	ESL <sup>1</sup>	

1 Tier 1 Environmental Screening Level (ESL), RWQCB, San Francisco Bay Region - January 2019.  
2 Department of Toxic Substance Control (DTSC) Recommended Residential Screening Level, HERO Note 3 - April 2019.  
< Not detected at or above laboratory reporting limit  
**BOLD** Concentration exceeds selected environmental screening criteria

**Table D. Analytical Results of Soil Samples; OCPs & PCBs**  
(Concentrations in mg/kg)

Boring ID	Sample ID	Date	Sample Type	Depth (feet)	OCPs						PCBs	
					4,4' -DDE	4,4' -DDT	DDT Total	alpha-Chlordane	gamma-Chlordane	Dieldrin	Aroclor 1260	Other PCBs
EB-1	EB-1(0-0.5)	9/28/2019	Baserock	0-½	<0.0045	<0.003	<0.003	<0.004	<0.0038	<0.0035	<0.13	ND
	EB-1(0.5-1)	9/28/2019	Fill	½-1	<0.0022	<0.0015	<0.0015	<0.002	<0.0019	<0.0017	<0.12	ND
	EB-1(3-3.5)	9/28/2019	Native	3-3½	<0.0024	<0.0024	<0.0024	<0.0024	<0.0024	<0.0024	<0.12	ND
	EB-1(4.5-5)	9/28/2019	Native	4½-5	<0.0023	<0.0023	<0.0023	<0.0023	<0.0023	<0.0023	<0.12	ND
	EB-1(9-9.5)	9/28/2019	Native	9-9½	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.12	ND
EB-2	EB-2(0.5-1)	9/29/2019	Baserock	½-1	<0.0044	<0.0029	<0.0029	<0.0039	<0.0037	<0.0034	<0.11	ND
	EB-2(1-1.5)	9/29/2019	Fill	1-1½	<0.0022	<0.0015	<0.0015	<0.002	<0.0019	<0.0017	<0.12	ND
	EB-2(3-3.5)	9/29/2019	Native	3-3½	<0.0023	<0.0023	<0.0023	<0.0023	<0.0023	<0.0023	<0.12	ND
	EB-2(5.5-6)	9/29/2019	Native	5½-6	<0.0024	<0.0024	<0.0024	<0.0024	<0.0024	<0.0024	<0.12	ND
	EB-2(9-9.5)	9/29/2019	Native	9-9½	<0.0021	<0.0021	<0.0021	<0.0021	<0.0021	<0.0021	<0.11	ND
EB-3	EB-3(0-0.5)	9/29/2019	Baserock	0-½	0.00502	<b>0.03</b>	0.03502	<0.0039	<0.0037	<b>0.0154</b>	<b>0.603</b>	ND
	EB-3(0.5-1)	9/29/2019	Fill	½-1	0.00666	<b>0.0134</b>	0.02006	0.00245	0.0035	<b>0.0032</b>	<0.12	ND
	EB-3(3-3.5)	9/29/2019	Fill	3-3½	0.00773	<b>0.00574</b>	0.01347	<0.0021	<0.002	<0.0018	<0.12	ND
	EB-3(5.5-6)	9/29/2019	Native	5½-6	<0.0023	<0.0023	<0.0023	<0.0023	<0.0023	<0.0023	<0.11	ND
	EB-3(9-9.5)	9/29/2019	Native	9-9½	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.13	ND
EB-4	EB-4(0-0.5)	9/28/2019	Baserock	0-½	<0.0043	<b>0.00539</b>	0.00539	<0.0038	<0.0036	<0.0033	0.117	ND
	EB-4(0.5-1)	9/28/2019	Fill	½-1	<0.0022	<0.0014	<0.0014	<0.0019	<0.0018	<0.0017	<0.11	ND
	EB-4(3-3.5)	9/28/2019	Native	3-3½	<0.0023	<0.0023	<0.0023	<0.0023	<0.0023	<0.0023	<0.12	ND
	EB-4(5.5-6)	9/28/2019	Native	5½-6	<0.0023	<0.0023	<0.0023	<0.0023	<0.0023	<0.0023	<0.12	ND
	EB-4(9-9.5)	9/28/2019	Native	9-9½	<0.0023	<0.0023	<0.0023	<0.0023	<0.0023	<0.0023	<0.11	ND
Maximum Detection					0.00773	0.03	0.03502	0.00245	0.0035	<b>0.0154</b>	<b>0.603</b>	ND
Environmental Screening Level					0.33	0.0011	1	0.0085	0.0085	0.00046	0.23	Varies
Screening Level Basis					ESL <sup>1</sup>	ESL <sup>1</sup>	TTL <sup>2</sup>	ESL <sup>1</sup>	ESL <sup>1</sup>	ESL <sup>1</sup>	ESL <sup>1</sup>	Varies

1 Tier 1 Environmental Screening Level (ESL), RWQCB, San Francisco Bay Region - January 2019.

2 Total Threshold Limit Concentration - California Code of Regulations, Title 22

< Not detected at or above laboratory reporting limit

ND Not Detected

**BOLD** Concentration exceeds selected environmental screening criteria



**APPENDIX A – BORING LOGS AND GEOTECHNICAL PARAMETERS**

DRAFT



DATE STARTED 9/28/19 DATE COMPLETED 9/28/19  
 DRILLING CONTRACTOR Geoservices Exploration Inc.  
 DRILLING METHOD Mobile B-61, 8 inch Hollow-Stem Auger  
 LOGGED BY BCG  
 NOTES \_\_\_\_\_

PROJECT NAME 95 South Almaden Boulevard  
 PROJECT NUMBER 510-29-2  
 PROJECT LOCATION San Jose, CA  
 GROUND ELEVATION \_\_\_\_\_ BORING DEPTH 40 ft.  
 LATITUDE 37.333227° LONGITUDE -121.893993°  
 GROUND WATER LEVELS:  
 ▽ AT TIME OF DRILLING 22 ft.  
 ▼ AT END OF DRILLING 22 ft.

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ELEVATION (ft)	DEPTH (ft)	SYMBOL	DESCRIPTION	N-Value (uncorrected) blows per foot	SAMPLES TYPE AND NUMBER	OWM READING PPM	NATURAL MOISTURE CONTENT	PLASTICITY INDEX, %	PERCENT PASSING No. 200 SIEVE	UNDRAINED SHEAR STRENGTH, ksf							
										1.0	2.0	3.0	4.0				
0	0		2 inches asphalt concrete over 1 inches aggregate base														
			<b>Lean Clay with Sand (CL) [Fill]</b> very stiff, moist, dark brown, fine sand, low plasticity brick fragments from 2-3'		GB-1	49 424	16										
			<b>Sandy Silty Clay (CL-ML)</b> hard, moist, brown to light brown, fine sand, low plasticity		GB-2	46 19	15										
	5		Liquid Limit = 24, Plastic Limit = 18	27	MC-3B	5 1	16	6									>4.5
			<b>Silty Sand (SM)</b> medium dense, moist, brown, fine sand	25	MC-4B	<1 <1	11										
			<b>Lean Clay with Sand (CL)</b> very stiff, moist, brown and gray mottled, fine sand, moderate plasticity See sieve analysis results.	18	MC-5B	<1 <1	25		77								
	10		<b>Lean Clay (CL)</b> hard, gray to dark gray, some fine sand, moderate plasticity	43	MC-6A	<1 2	22										
	15		<b>Silty Sand (SM)</b> medium dense, moist, gray, fine to medium sand, some fine subangular to subrounded gravel	27	MC-7B	668 541	14										
	20		<b>Poorly Graded Sand with Silt (SP-SM)</b> dense, moist, gray, fine to coarse sand, some fine subangular to subrounded gravel	77	MC-8B	557 107	15		11								
	25		See sieve analysis results.														

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CORNERSTONE EARTH GROUP 2 - CORNERSTONE 0812.GDT - 10/23/19 14:10 - P:\DRAFTING\GINT FILES\510-29-2.95 S ALMADEN.GPJ



PROJECT NAME 95 South Almaden Boulevard

PROJECT NUMBER 510-29-2

PROJECT LOCATION San Jose, CA

This log is a part of a report by Cornerstone Earth Group, and should not be used as a stand-alone document. This description applies only to the location of the exploration at the time of drilling. Subsurface conditions may differ at other locations and may change at this location with time. The description presented is a simplification of actual conditions encountered. Transitions between soil types may be gradual.

ELEVATION (ft)	DEPTH (ft)	SYMBOL	DESCRIPTION	N-Value (uncorrected) blows per foot	SAMPLES TYPE AND NUMBER	OWM READING PPM	NATURAL MOISTURE CONTENT	PLASTICITY INDEX, %	PERCENT PASSING No. 200 SIEVE	UNDRAINED SHEAR STRENGTH, ksf			
										1.0	2.0	3.0	4.0
			<b>Silt (ML)</b> medium stiff, moist, gray and brown mottled, fine sand, low plasticity	19	MC-9B	18 5	30			○			
			<b>Lean Clay (CL)</b> stiff, moist, gray with brown mottles, some fine sand, moderate plasticity		ST-10	1	37			○			
			Liquid Limit = 36, Plastic Limit = 20	51	MC-11B	2 1	26	16		○			
			Bottom of Boring at 40.0 feet.										



# CORNERSTONE EARTH GROUP

## BORING NUMBER EB-2

PAGE 1 OF 2

DATE STARTED 9/29/19 DATE COMPLETED 9/29/19  
 DRILLING CONTRACTOR Geoservices Exploration Inc.  
 DRILLING METHOD Mobile B-61, 8 inch Hollow-Stem Auger  
 LOGGED BY BCG  
 NOTES \_\_\_\_\_

PROJECT NAME 95 South Almaden Boulevard  
 PROJECT NUMBER 510-29-2  
 PROJECT LOCATION San Jose, CA  
 GROUND ELEVATION \_\_\_\_\_ BORING DEPTH 40 ft.  
 LATITUDE 37.333464° LONGITUDE -121.893360°  
 GROUND WATER LEVELS:  
 ▽ AT TIME OF DRILLING 24 ft.  
 ▼ AT END OF DRILLING 31 ft.

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ELEVATION (ft)	DEPTH (ft)	SYMBOL	DESCRIPTION	N-Value (uncorrected) blows per foot	SAMPLES TYPE AND NUMBER	OWM READING PPM	NATURAL MOISTURE CONTENT	PLASTICITY INDEX, %	PERCENT PASSING No. 200 SIEVE	UNDRAINED SHEAR STRENGTH, ksf								
										1.0	2.0	3.0	4.0					
0	0		2 inches asphalt concrete over 8 inches aggregate base															
			<b>Sandy Lean Clay (CL) [Fill]</b> very stiff, moist, brown, fine sand, fine to coarse subangular to subrounded gravel, low plasticity Liquid Limit = 29, Plastic Limit = 17 See sieve analysis results.		GB-1 GB-2	0 <1 <1	16 16	12	69									
	5		<b>Sandy Silty Clay (CL-ML)</b> stiff, moist, brown, fine sand, low plasticity	21	MC-3B	<1 1.6	9											
			<b>Silty Sand (SM)</b> medium dense, moist, brown, fine sand, trace fine subangular to subrounded gravel															
			<b>Sandy Lean Clay (CL)</b> stiff, moist, brown, fine sand, low plasticity															
	10		<b>Silty Sand (SM)</b> medium dense, moist, reddish brown, fine to medium sand See sieve analysis results.	26	MC-4B	<1 <1	11		16									
			<b>Lean Clay (CL)</b> stiff, moist, brown and gray mottled, some fine sand, moderate plasticity Liquid Limit = 42, Plastic Limit = 26	21	MC-5B	0 0	40	16										
			<b>Silty, Clayey Sand (SC-SM)</b> medium dense, wet, brown and gray mottled, fine to medium sand, some fine subangular to subrounded gravel Liquid Limit = 26, Plastic Limit = 19 See sieve analysis results.	29	MC-6B	0 0	37	7	36									
	25		<b>Poorly Graded Sand with Silt (SP-SM)</b> dense, wet, gray, fine to coarse sand, some fine subangular to subrounded gravel	86	MC-7B	0 0	13											

Continued Next Page



PROJECT NAME 95 South Almaden Boulevard

PROJECT NUMBER 510-29-2

PROJECT LOCATION San Jose, CA

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ELEVATION (ft)	DEPTH (ft)	SYMBOL	DESCRIPTION	N-Value (uncorrected) blows per foot	SAMPLES TYPE AND NUMBER	OWM READING PPM	NATURAL MOISTURE CONTENT	PLASTICITY INDEX, %	PERCENT PASSING No. 200 SIEVE	UNDRAINED SHEAR STRENGTH, ksf								
										○ HAND PENETROMETER	△ TORVANE	● UNCONFINED COMPRESSION	▲ UNCONSOLIDATED-UNDRAINED TRIAXIAL	1.0	2.0	3.0	4.0	
			<b>Poorly Graded Sand with Silt (SP-SM)</b> dense, wet, gray, fine to coarse sand, some fine subangular to subrounded gravel															
			becomes medium dense	28	MC	0 0												
			<b>Lean Clay (CL)</b> stiff, moist, gray with brown mottles, some fine sand, moderate plasticity															
				38	MC-9B	0 0	30			○								
				43	MC-10B	0 0	27			○								
			Bottom of Boring at 40.0 feet.															



**PROJECT NAME** 95 South Almaden Boulevard  
**PROJECT NUMBER** 510-29-2  
**PROJECT LOCATION** San Jose, CA  
**DATE STARTED** 9/29/19 **DATE COMPLETED** 9/29/19  
**GROUND ELEVATION** \_\_\_\_\_ **BORING DEPTH** 41.5 ft.  
**DRILLING CONTRACTOR** Geoservices Exploration Inc.  
**LATITUDE** 37.333123° **LONGITUDE** -121.893904°  
**DRILLING METHOD** Mobile B-61, 8 inch Hollow-Stem Auger  
**GROUND WATER LEVELS:**  
 ▽ **AT TIME OF DRILLING** 22 ft.  
 ▼ **AT END OF DRILLING** 33 ft.  
**LOGGED BY** BCG  
**NOTES** \_\_\_\_\_

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ELEVATION (ft)	DEPTH (ft)	SYMBOL	DESCRIPTION	N-Value (uncorrected) blows per foot	SAMPLES TYPE AND NUMBER	OWM READING PPM	NATURAL MOISTURE CONTENT	PLASTICITY INDEX, %	PERCENT PASSING No. 200 SIEVE	UNDRAINED SHEAR STRENGTH, ksf							
										1.0	2.0	3.0	4.0				
	0		3 inches asphalt concrete over 8 inches aggregate base														
	0 - 4		<b>Clayey Sand with Gravel (SC) [Fill]</b> medium dense, moist, brown, fine to coarse sand, fine subangular to subrounded gravel, trace brick and concrete fragments		GB	0 <1											
	4 - 5		<b>Lean Clay with Sand (CL) [Fill]</b> very stiff, moist, dark grayish brown, fine sand, some brick fragments, low plasticity		GB	<1											
	5 - 8		<b>Sandy Lean Clay (CL)</b> very stiff, moist, brown, fine sand, low plasticity	26	MC-3B	0 <1	13										
	8 - 9		<b>Silty Sand (SM)</b> medium dense, moist, brown to light brown, fine sand														
	9 - 10		<b>Sandy Silt (ML)</b> stiff, moist, gray with brown mottles, fine sand, low plasticity	30	MC-4B	<1 <1	28										
	10 - 12		<b>Fat Clay (CH)</b> stiff, moist, brown and gray mottled, some fine sand, high plasticity Liquid Limit = 54, Plastic Limit = 27		MC-5B	<1 <1	34	27									
	12 - 15		<b>Lean Clay with Sand (CL)</b> hard, moist, dark grayish brown, fine to medium sand, some fine subangular to subrounded gravel, moderate plasticity Liquid Limit = 47, Plastic Limit = 24	80	MC-6B	<1	28	23									
	15 - 19		<b>Clayey Sand with Gravel (SC)</b> loose, moist, brown, fine to medium sand, fine subangular to subrounded gravel See sieve analysis results.	16	MC-7	<1	18		29								
	19 - 25		<b>Silty Sand (SM)</b> medium dense, moist, gray, fine to medium sand  See sieve analysis results.	29	MC-8B	<1	23		17								

Continued Next Page



PROJECT NAME 95 South Almaden Boulevard

PROJECT NUMBER 510-29-2

PROJECT LOCATION San Jose, CA

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ELEVATION (ft)	DEPTH (ft)	SYMBOL	DESCRIPTION	N-Value (uncorrected) blows per foot	SAMPLES TYPE AND NUMBER	OWM READING PPM	NATURAL MOISTURE CONTENT	PLASTICITY INDEX, %	PERCENT PASSING No. 200 SIEVE	UNDRAINED SHEAR STRENGTH, ksf									
										○ HAND PENETROMETER	△ TORVANE	● UNCONFINED COMPRESSION	▲ UNCONSOLIDATED-UNDRAINED TRIAXIAL	1.0	2.0	3.0	4.0		
			<b>Silty Sand (SM)</b> medium dense, moist, gray, fine to medium sand	37	MC-9B	<1 0	21												
			<b>Fat Clay (CH)</b> stiff, moist, dark gray, some fine sand, high plasticity Liquid Limit = 65, Plastic Limit = 23	46	MC-10B	<1 0	37	42		○									
			<b>Lean Clay with Sand (CL)</b> stiff, moist, gray with brown mottles, fine sand, moderate plasticity	50	MC-11B	0 0	20			○									
			<b>Poorly Graded Sand with Silt (SP-SM)</b> very dense, moist, brown, fine to medium sand	84	SPT-12		23												
			Bottom of Boring at 41.5 feet.																

CORNERSTONE EARTH GROUP 2 - CORNERSTONE 0812.GDT - 10/23/19 14:10 - P:\DRAFTING\GINT FILES\510-29-2.95 S ALMADEN.GPJ



# CORNERSTONE EARTH GROUP

## BORING NUMBER EB-4

PAGE 1 OF 3

PROJECT NAME 95 South Almaden Boulevard  
 PROJECT NUMBER 510-29-2  
 PROJECT LOCATION San Jose, CA  
 DATE STARTED 9/28/19 DATE COMPLETED 9/28/19  
 DRILLING CONTRACTOR Geoservices Exploration Inc.  
 DRILLING METHOD Mobile B-61, 8 inch Hollow-Stem Auger  
 LOGGED BY BCG  
 NOTES \_\_\_\_\_

GROUND ELEVATION \_\_\_\_\_ BORING DEPTH 70 ft.  
 LATITUDE 37.333226° LONGITUDE -121.893484°  
 GROUND WATER LEVELS:  
 ▽ AT TIME OF DRILLING 20 ft.  
 ▼ AT END OF DRILLING 50 ft.

This log is a part of a report by Cornerstone Earth Group, and should not be used as a stand-alone document. This description applies only to the location of the exploration at the time of drilling. Subsurface conditions may differ at other locations and may change at this location with time. The description presented is a simplification of actual conditions encountered. Transitions between soil types may be gradual.

ELEVATION (ft)	DEPTH (ft)	SYMBOL	DESCRIPTION	N-Value (uncorrected) blows per foot	SAMPLES TYPE AND NUMBER	OWM READING PPM	NATURAL MOISTURE CONTENT	PLASTICITY INDEX, %	PERCENT PASSING No. 200 SIEVE	UNDRAINED SHEAR STRENGTH, ksf								
										1.0	2.0	3.0	4.0					
0	0		3 inches asphalt concrete over 3 inches aggregate base															
			<b>Sandy Lean Clay (CL) [Fill]</b> stiff, moist, dark brown, fine sand, some fine subangular to subrounded gravel, low plasticity		GB-1	0	15											
			<b>Lean Clay with Sand (CL)</b> stiff, moist, brown to light brown, fine sand, low plasticity Liquid Limit = 26, Plastic Limit = 18 See sieve analysis results.		GB-2	0	14	8	78									
	5		<b>Sandy Lean Clay (CL)</b> very stiff, moist, brown, fine sand, low plasticity	24	MC-3B	0	21											
			<b>Silty Sand (SM)</b> medium dense, moist, brown to light brown, fine sand															
	10		<b>Silt with Sand (ML)</b> stiff, moist, gray with brown mottles, fine sand, low plasticity Liquid Limit = 28, Plastic Limit = 22 See sieve analysis results.	35	MC-4B	0	26	6	80									
	15		<b>Fat Clay (CH)</b> very stiff, moist, dark gray, some fine sand, some roots, high plasticity	38	MC-5B	<1	45											
	20		<b>Clayey Sand (SC)</b> medium dense, moist, gray brown, fine to medium sand	26	MC-6B	0	23											
			<b>Silty Sand (SM)</b> medium dense, moist, brown, fine to medium sand															
	25			52	MC-7B	0	22											

Continued Next Page





PROJECT NAME 95 South Almaden Boulevard

PROJECT NUMBER 510-29-2

PROJECT LOCATION San Jose, CA

This log is a part of a report by Cornerstone Earth Group, and should not be used as a stand-alone document. This description applies only to the location of the exploration at the time of drilling. Subsurface conditions may differ at other locations and may change at this location with time. The description presented is a simplification of actual conditions encountered. Transitions between soil types may be gradual.

ELEVATION (ft)	DEPTH (ft)	SYMBOL	DESCRIPTION	N-Value (uncorrected) blows per foot	SAMPLES TYPE AND NUMBER	OWM READING PPM	NATURAL MOISTURE CONTENT	PLASTICITY INDEX, %	PERCENT PASSING No. 200 SIEVE	UNDRAINED SHEAR STRENGTH, ksf
			<b>Silty Sand (SM)</b> medium dense, moist, brown, fine to medium sand							
			See sieve analysis results.	32	MC-8B	0	22		19	
			<b>Lean Clay (CL)</b> stiff, moist, brown and gray, some fine sand, moderate plasticity							
				38	MC-9B	0	30			○
			<b>Lean Clay with Sand (CL)</b> stiff, moist, brown and gray, fine sand, low to moderate plasticity							
				41	MC-10B	0	23			○
			<b>Silty Sand (SM)</b> medium dense, moist, gray, fine to medium sand, some fine subangular gravel							
			<b>Poorly Graded Sand with Silt and Gravel (SP-SM)</b> very dense, moist, gray, fine to medium sand, fine subangular to subrounded gravel							
				72	SPT-12	0	10		9	
			<b>Poorly Graded Gravel with Sand (GP)</b> very dense, wet, brown, fine to coarse subangular to subrounded gravel, fine to medium sand							
				62	SPT-13	0	7			
			<b>Poorly Graded Sand with Silt (SP-SM)</b> very dense, moist, brown, fine to medium sand							
				64	SPT-14A	0	17			○

Continued Next Page



PROJECT NAME 95 South Almaden Boulevard

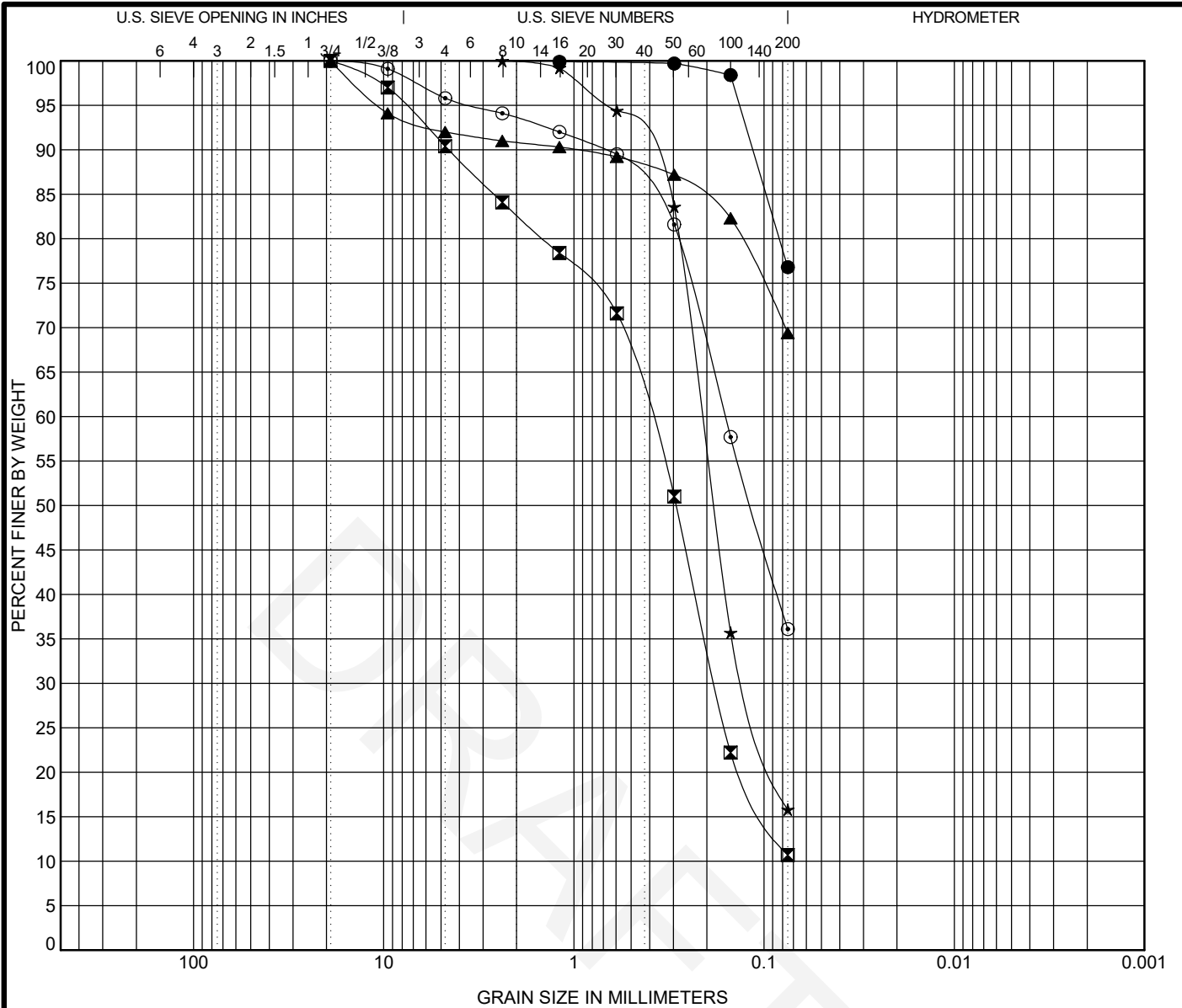
PROJECT NUMBER 510-29-2

PROJECT LOCATION San Jose, CA

This log is a part of a report by Cornerstone Earth Group, and should not be used as a stand-alone document. This description applies only to the location of the exploration at the time of drilling. Subsurface conditions may differ at other locations and may change at this location with time. The description presented is a simplification of actual conditions encountered. Transitions between soil types may be gradual.

ELEVATION (ft)	DEPTH (ft)	SYMBOL	DESCRIPTION	N-Value (uncorrected) blows per foot	SAMPLES TYPE AND NUMBER	OWM READING PPM	NATURAL MOISTURE CONTENT	PLASTICITY INDEX, %	PERCENT PASSING No. 200 SIEVE	UNDRAINED SHEAR STRENGTH, ksf
			<b>Lean Clay (CL)</b> stiff, moist, gray, some fine sand, moderate plasticity		ST-15		27			○ ● ▲
			<b>Sandy Lean Clay (CL)</b> medium stiff, moist, gray, fine sand, low plasticity		MC-16B	0	26			○ ● ▲
	60		<b>Lean Clay (CL)</b> stiff, moist, gray, some fine sand, moderate plasticity	62	MC-17B	0	27			○ ● ▲
	65		<b>Lean Clay (CL)</b> stiff, moist, gray, some fine sand, moderate plasticity	55	MC-18B	0	22			○ ● ▲
	70		Bottom of Boring at 70.0 feet.	38						
	75									
	80									
	85									

U.S. GRAIN SIZE - CORNERSTONE 0812.GDT - 10/18/19 10:34 - P:\DRAFTING\GINT FILES\10-29-2-95 S ALMADEN.GPJ



COBBLES	GRAVEL		SAND			SILT OR CLAY
	coarse	fine	coarse	medium	fine	

Specimen Identification		Classification				LL	PL	PI	Cc	Cu
● EB-1	8.0	Lean Clay with Sand (CL)								
☒ EB-1	23.5	Poorly Graded Sand with Silt (SP-SM)							1.13	5.6
▲ EB-2	1.0	Sandy Lean Clay (CL) [Fill]				29	17	12		
★ EB-2	8.5	Silty Sand (SM)								
◎ EB-2	18.5	Silty, Clayey Sand (SC-SM)				26	19	7		

Specimen Identification		D100	D60	D30	D10	%Gravel	%Sand	%Silt	%Clay
● EB-1	8.0	1.191				0.0	23.1		76.8
☒ EB-1	23.5	19.05	0.402	0.18		9.6	79.7		10.7
▲ EB-2	1.0	19.05				8.0	22.6		69.4
★ EB-2	8.5	2.38	0.212	0.123		0.0	84.2		15.8
◎ EB-2	18.5	19.05	0.16			4.2	59.7		36.1

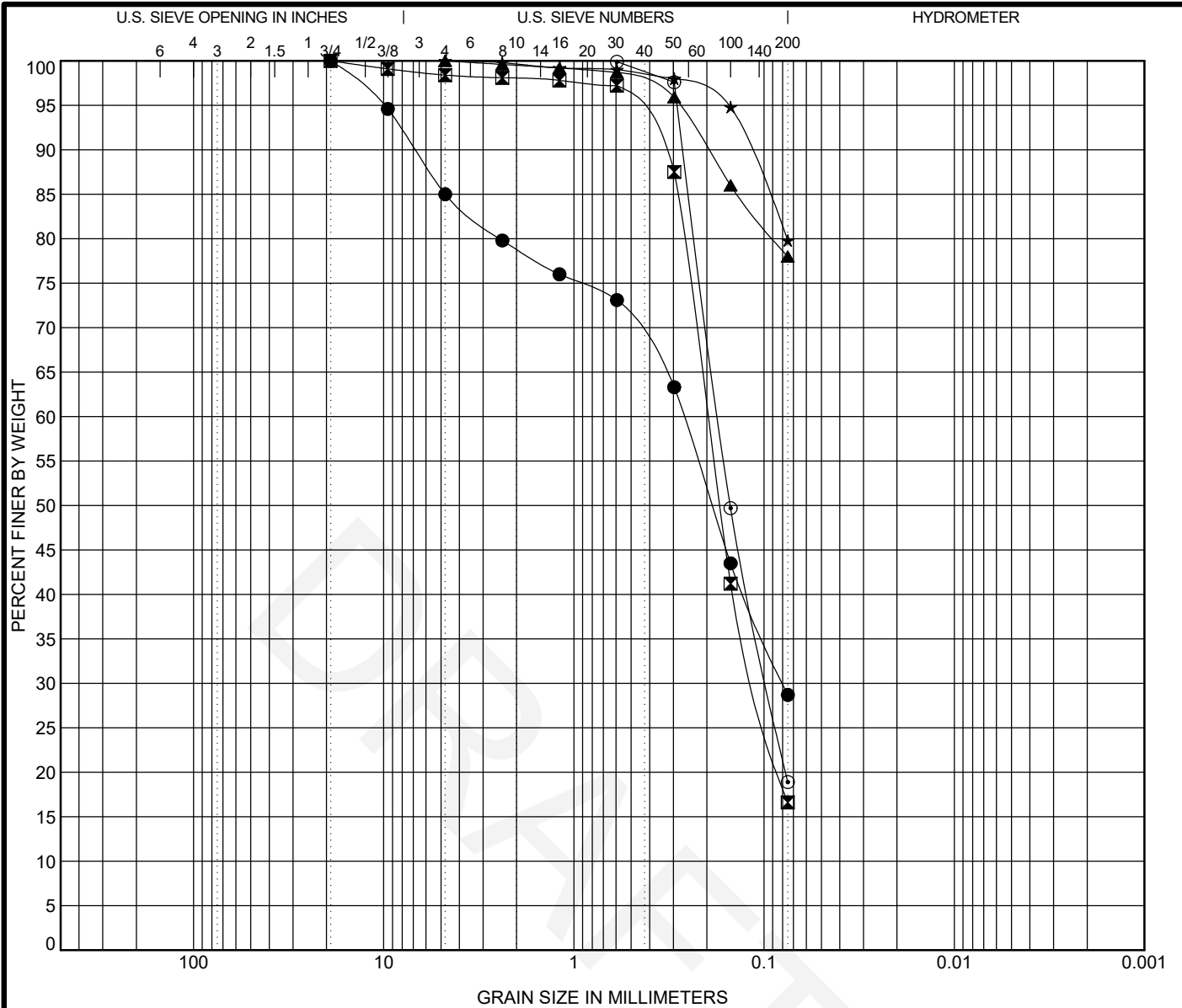


**CORNERSTONE  
EARTH GROUP**

**GRAIN SIZE DISTRIBUTION**

Project: 95 South Almaden Boulevard  
 Location: San Jose, CA  
 Number: 510-29-2

U.S. GRAIN SIZE - CORNERSTONE 0812.GDT - 10/18/19 10:34 - P:\DRAFTING\GINT FILES\510-29-2.95 S ALMADEN.GPJ



COBBLES	GRAVEL		SAND			SILT OR CLAY
	coarse	fine	coarse	medium	fine	

Specimen Identification		Classification				LL	PL	PI	Cc	Cu
●	EB-3 18.5	Clayey Sand with Gravel (SC)								
☒	EB-3 23.5	Silty Sand (SM)								
▲	EB-4 3.0	Lean Clay with Sand (CL)				26	18	8		
★	EB-4 8.5	Silt with Sand (ML)				28	22	6		
◎	EB-4 28.5	Silty Sand (SM)								
Specimen Identification		D100	D60	D30	D10	%Gravel	%Sand	%Silt	%Clay	
●	EB-3 18.5	19.05	0.265	0.08		15.0	56.3	28.7		
☒	EB-3 23.5	19.05	0.198	0.109		1.6	81.8	16.6		
▲	EB-4 3.0	4.75				0.0	22.0	78.0		
★	EB-4 8.5	4.75				0.0	20.2	79.8		
◎	EB-4 28.5	0.594	0.174	0.096		0.0	81.0	18.9		

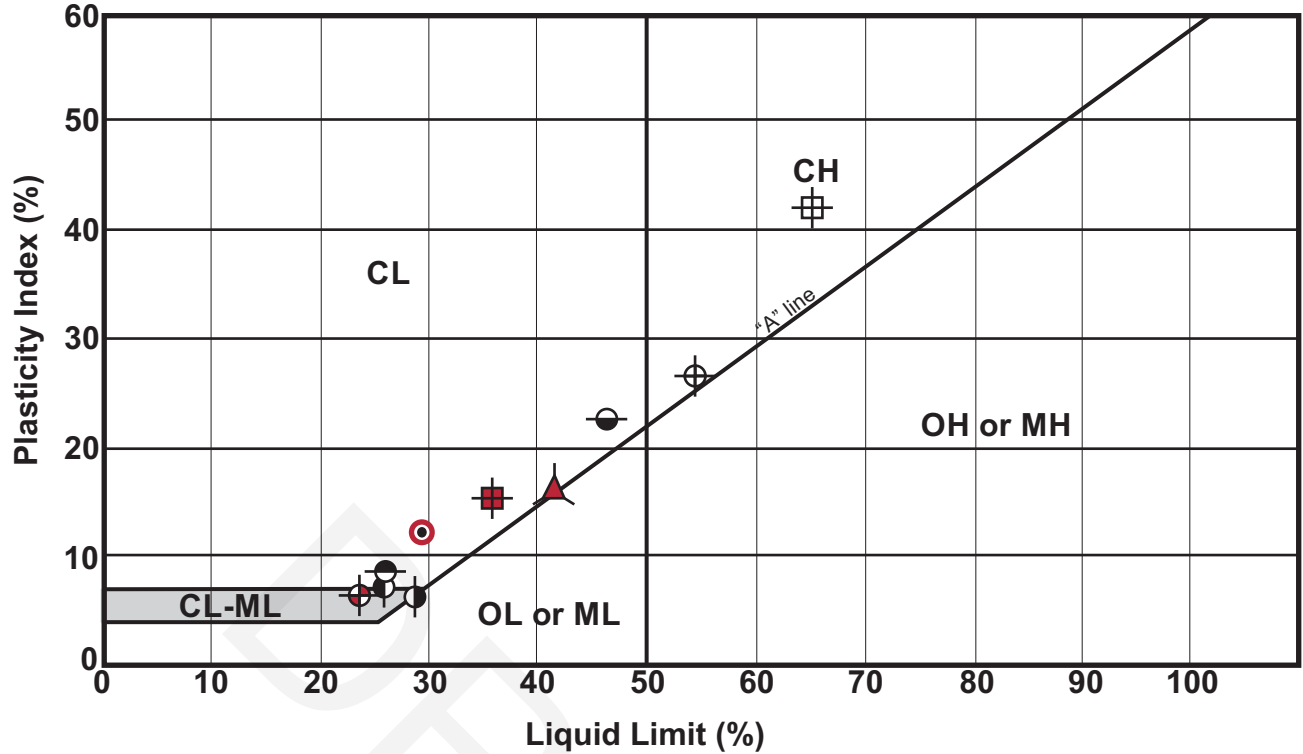


**CORNERSTONE**  
**EARTH GROUP**

**GRAIN SIZE DISTRIBUTION**

Project: 95 South Almaden Boulevard  
Location: San Jose, CA  
Number: 510-29-2

## Plasticity Index (ASTM D4318) Testing Summary



Symbol	Boring No.	Depth (ft)	Natural Water Content (%)	Liquid Limit (%)	Plastic Limit (%)	Plasticity Index	Passing No. 200 (%)	Group Name (USCS - ASTM D2487)
⊙	EB-1	6.0	15	24	18	6	—	Sandy Silty Clay (CL-ML)
⊠	EB-1	39.5	26	36	20	16	—	Lean Clay (CL)
⊙	EB-2	1.0	16	29	17	12	69	Sandy Lean Clay (CL) [Fill]
▲	EB-2	14.5	40	42	26	16	—	Lean Clay (CL)
⊙	EB-2	19.5	37	26	19	7	36	Silty, Clayey Sand (SC-SM)(CL-ML fines)
⊕	EB-3	11.0	34	54	27	27	—	Fat Clay (CH)
⊙	EB-3	14.5	28	47	24	23	—	Lean Clay with Sand (CL)
⊠	EB-3	34.5	37	65	23	42	—	Fat Clay (CH)
⊙	EB-4	3.0	14	26	18	8	78	Lean Clay with Sand (CL)
⊙	EB-4	9.5	22	28	22	6	80	Silt with Sand (ML)

**APPENDIX B – LABORATORY ANALYTICAL REPORTS**

DRAFT



Cornerstone Earth Group  
1259 Oakmead Parkway  
Sunnyvale, California 94035  
Tel: (408) 245-4600  
Fax: (408) 245-4620  
RE: 95 S. Almaden Soil Profiling

Work Order No.: 1909254 Rev: 4

Dear Ron Helm:

Torrent Laboratory, Inc. received 17 sample(s) on September 28, 2019 for the analyses presented in the following Report.

As requested on the Chain of Custody, three samples were placed on hold.

All data for associated QC met EPA or laboratory specification(s) except where noted in the case narrative.

Torrent Laboratory, Inc. is certified by the State of California, ELAP #1991. If you have any questions regarding these test results, please feel free to contact the Project Management Team at (408)263-5258; ext 204.

A handwritten signature in blue ink that reads "Kathie Evans". The signature is written in a cursive style.

---

Kathie Evans  
Project Manager

October 18, 2019

---

Date

Date: 10/18/2019

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**Client:** Cornerstone Earth Group  
**Project:** 95 S. Almaden Soil Profiling  
**Work Order:** 1909254

## CASE NARRATIVE

---

Unless otherwise indicated in the following narrative, no issues encountered with the receiving, preparation, analysis or reporting of the results associated with this work order.

Unless otherwise indicated in the following narrative, no results have been method and/or field blank corrected.

Reported results relate only to the items/samples tested by the laboratory.

This report shall not be reproduced, except in full, without the written approval of Torrent Analytical, Inc.

Note: for 8260B/GCMS-GRO: Final result & MDL/PQL (Detection Limit/Reporting limit) have been corrected for actual mass removed from the Encore container.

Analytical Comments for method 6010B, 1909254-001A MS/MSD, QC Analytical Preparation ID 1117036, Note: The % recoveries for Barium and Silver are outside of laboratory control limits. The associated LCS/LCSD is within both % Recovery and %RPD limits. No corrective action required.

The spikes in the MS/MSD for Chromium and Nickel are not recoverable. The sample concentration is greater than 4X the spike concentration. No corrective action is required.

Analytical Comments for method 8015B, 1909254-001A MS/MSD, QC Analytical Preparation ID 1117043, The % recoveries for Diesel are outside of laboratory control limits. The sample concentration is greater than 4X the spike concentration. No corrective action is required.

### REVISIONS

Report revised to report data on a dry weight basis.

Rev. 1 (10/7/19)

Report revised to include STLC data

### STLC

Note: Extraction of 50 g sample / 500g 0.2M Sodium Citrate Solution was performed according to wet extraction procedure (WET) which was rotated in a rotary shaker for 48 hours (+/- 4 hours).

Date Prepared: 10/8/19 at 5:15 PM to 10/10/19 at 1:50 PM





Rev. 2 (10/11/19)

Report revised to include additional requested STLC data.

STLC

Note: Extraction of 50 g sample / 500g 0.2M Sodium Citrate Solution was performed according to wet extraction procedure (WET) which was rotated in a rotary shaker for 48 hours (+/- 4 hours).

Date Prepared: 10/14/19 at 11:45 AM to 10/16/19 at 9:30 AM

Rev. 3 (10/18/19)

Report revised to include TCLP data

TCLP

Note: Extraction of 100 g sample/2000 g TCLP Fluid #1 was performed according to Toxicity Characteristic Leaching Procedure (SW-846 1311 TCLP) which was rotated in a rotary shaker @ 32 RPM for 18 hours (+/- 2 hours).

Date Prepared: 10/23/19 at 5:30 PM to 10/24/19 at 10:10 AM

Rev. 4 (10/25/19)



## Sample Result Summary

Report prepared for: Ron Helm  
Cornerstone Earth Group

Date Received: 09/28/19

Date Reported: 10/18/19

EB-1(0-0.5) 1909254-001

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
TPH(Gasoline)	8260TPH	100	5300	12000	75500	ug/Kg
Moisture, Percent	ASTM D2216-90	1	0.050	0.050	17.3	%
Dry Weight Factor	ASTM D2216-90	1	1	1	1.17	%
Barium	SW6010B	1	0.064	5.85	144	mg/Kg
Chromium	SW6010B	1	0.088	5.85	319	mg/Kg
Cobalt	SW6010B	1	0.082	5.85	54.7	mg/Kg
Copper	SW6010B	1	0.23	5.85	25.7	mg/Kg
Lead	SW6010B	1	0.12	3.51	13.9	mg/Kg
Nickel	SW6010B	1	0.59	5.85	959	mg/Kg
Vanadium	SW6010B	1	0.12	5.85	28.5	mg/Kg
Zinc	SW6010B	1	0.35	5.85	49.6	mg/Kg
Chromium (STLC)	SW6010B	1	0.010	0.20	0.620	mg/L
Nickel (STLC)	SW6010B	1	0.010	0.20	4.60	mg/L
TPH as Diesel	SW8015B	1	8.5	20	51.3	mg/Kg
TPH as Motor Oil	SW8015B	1	32	100	949	mg/Kg
Naphthalene	SW8270C	2	17	130	76	ug/Kg
2-Methylnaphthalene	SW8270C	2	7.3	130	120	ug/Kg
1-Methylnaphthalene	SW8270C	2	6.0	130	160	ug/Kg
Acenaphthylene	SW8270C	2	6.0	130	27	ug/Kg
Acenaphthene	SW8270C	2	5.3	130	38	ug/Kg
Fluorene	SW8270C	2	8.7	130	54	ug/Kg
Phenanthrene	SW8270C	2	19	130	120	ug/Kg
Anthracene	SW8270C	2	17	130	21	ug/Kg
Fluoranthene	SW8270C	2	17	130	110	ug/Kg
Pyrene	SW8270C	2	18	130	130	ug/Kg
Benz[a]anthracene	SW8270C	2	15	130	69	ug/Kg
Chrysene	SW8270C	2	16	130	80	ug/Kg
Benzo[b]fluoranthene	SW8270C	2	7.9	130	79	ug/Kg
Benzo[k]fluoranthene	SW8270C	2	7.3	130	36	ug/Kg
Benzo[a]pyrene	SW8270C	2	9.2	130	83	ug/Kg
Indeno[1,2,3-cd]pyrene	SW8270C	2	7.2	130	81	ug/Kg
Dibenz[a,h]anthracene	SW8270C	2	8.9	130	42	ug/Kg
Benzo[g,h,i]perylene	SW8270C	2	8.7	130	110	ug/Kg



## Sample Result Summary

Report prepared for: Ron Helm  
Cornerstone Earth Group

Date Received: 09/28/19

Date Reported: 10/18/19

EB-1(0.5-1) 1909254-002

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
TPH(Gasoline)	8260TPH	100	4200	9700	152000	ug/Kg
Moisture, Percent	ASTM D2216-90	1	0.050	0.050	14.8	%
Dry Weight Factor	ASTM D2216-90	1	1	1	1.15	%
Arsenic	SW6010B	1	0.17	1.50	6.90	mg/Kg
Barium	SW6010B	1	0.063	5.75	185	mg/Kg
Chromium	SW6010B	1	0.086	5.75	69.0	mg/Kg
Cobalt	SW6010B	1	0.081	5.75	15.9	mg/Kg
Copper	SW6010B	1	0.23	5.75	49.5	mg/Kg
Lead	SW6010B	1	0.12	3.45	59.2	mg/Kg
Nickel	SW6010B	1	0.58	5.75	133	mg/Kg
Vanadium	SW6010B	1	0.12	5.75	39.6	mg/Kg
Zinc	SW6010B	1	0.35	5.75	97.2	mg/Kg
Chromium (STLC)	SW6010B	1	0.010	0.20	0.340	mg/L
Lead (STLC)	SW6010B	1	0.050	0.20	6.33	mg/L
TPH as Diesel	SW8015B	10	17	40	717	mg/Kg
TPH as Motor Oil	SW8015B	10	64	200	365	mg/Kg
Naphthalene	SW8270C	2	1.2	9.1	320	ug/Kg
2-Methylnaphthalene	SW8270C	2	0.52	9.1	740	ug/Kg
1-Methylnaphthalene	SW8270C	2	0.42	9.1	740	ug/Kg
Acenaphthylene	SW8270C	2	0.43	9.1	42	ug/Kg
Acenaphthene	SW8270C	2	0.37	9.1	76	ug/Kg
Fluorene	SW8270C	2	0.62	9.1	120	ug/Kg
Phenanthrene	SW8270C	2	1.4	9.1	310	ug/Kg
Anthracene	SW8270C	2	1.2	9.1	19	ug/Kg
Fluoranthene	SW8270C	2	1.2	9.1	290	ug/Kg
Pyrene	SW8270C	2	1.3	9.1	420	ug/Kg
Benz[a]anthracene	SW8270C	2	1.1	9.1	84	ug/Kg
Chrysene	SW8270C	2	1.1	9.1	130	ug/Kg
Benzo[b]fluoranthene	SW8270C	2	0.56	9.1	200	ug/Kg
Benzo[k]fluoranthene	SW8270C	2	0.52	9.1	54	ug/Kg
Benzo[a]pyrene	SW8270C	2	0.65	9.1	200	ug/Kg
Indeno[1,2,3-cd]pyrene	SW8270C	2	0.51	9.1	240	ug/Kg
Dibenz[a,h]anthracene	SW8270C	2	0.63	9.1	17	ug/Kg
Benzo[g,h,i]perylene	SW8270C	2	0.62	9.1	240	ug/Kg
Benzo(a)anthracene	SW8270C	2	22.5	331	101	ug/Kg
Pyridine	SW8270C	2	101	1660	295	ug/Kg



## Sample Result Summary

Report prepared for: Ron Helm  
Cornerstone Earth Group

Date Received: 09/28/19

Date Reported: 10/18/19

EB-1(3-3.5) 1909254-003

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
TPH(Gasoline)	8260TPH	1	42	98	302	ug/Kg
Moisture, Percent	ASTM D2216-90	1	0.050	0.050	19.1	%
Dry Weight Factor	ASTM D2216-90	1	1	1	1.19	%
Arsenic	SW6010B	1	0.18	1.55	6.25	mg/Kg
Barium	SW6010B	1	0.065	5.95	233	mg/Kg
Chromium	SW6010B	1	0.089	5.95	69.0	mg/Kg
Cobalt	SW6010B	1	0.083	5.95	16.8	mg/Kg
Copper	SW6010B	1	0.24	5.95	43.9	mg/Kg
Lead	SW6010B	1	0.12	3.57	15.4	mg/Kg
Nickel	SW6010B	1	0.60	5.95	112	mg/Kg
Vanadium	SW6010B	1	0.12	5.95	44.7	mg/Kg
Zinc	SW6010B	1	0.36	5.95	83.9	mg/Kg
TPH as Diesel	SW8015B	1	0.85	2.0	2.01	mg/Kg
Naphthalene	SW8270C	1	0.61	4.7	4.9	ug/Kg

EB-1(4.5-5) 1909254-004

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
TPH(Gasoline)	8260TPH	1	41	95	223	ug/Kg
Moisture, Percent	ASTM D2216-90	1	0.050	0.050	15.6	%
Dry Weight Factor	ASTM D2216-90	1	1	1	1.16	%
Arsenic	SW6010B	1	0.17	1.51	7.60	mg/Kg
Barium	SW6010B	1	0.064	5.80	281	mg/Kg
Chromium	SW6010B	1	0.087	5.80	59.7	mg/Kg
Cobalt	SW6010B	1	0.081	5.80	14.7	mg/Kg
Copper	SW6010B	1	0.23	5.80	38.4	mg/Kg
Lead	SW6010B	1	0.12	3.48	13.6	mg/Kg
Nickel	SW6010B	1	0.58	5.80	99.8	mg/Kg
Vanadium	SW6010B	1	0.12	5.80	39.4	mg/Kg
Zinc	SW6010B	1	0.35	5.80	73.7	mg/Kg
TPH as Motor Oil	SW8015B	1	3.2	10	11.5	mg/Kg
TBA	SW8260B	1	11	47	74.5	ug/Kg



### Sample Result Summary

Report prepared for: Ron Helm  
Cornerstone Earth Group

Date Received: 09/28/19

Date Reported: 10/18/19

EB-1(9-9.5) 1909254-005

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
Moisture, Percent	ASTM D2216-90	1	0.050	0.050	23.8	%
Dry Weight Factor	ASTM D2216-90	1	1	1	1.24	%
Arsenic	SW6010B	1	0.19	1.61	6.09	mg/Kg
Barium	SW6010B	1	0.068	6.20	154	mg/Kg
Chromium	SW6010B	1	0.093	6.20	54.3	mg/Kg
Cobalt	SW6010B	1	0.087	6.20	13.1	mg/Kg
Copper	SW6010B	1	0.25	6.20	36.5	mg/Kg
Lead	SW6010B	1	0.12	3.72	10.4	mg/Kg
Nickel	SW6010B	1	0.62	6.20	89.3	mg/Kg
Vanadium	SW6010B	1	0.12	6.20	37.6	mg/Kg
Zinc	SW6010B	1	0.37	6.20	72.5	mg/Kg
Phenanthrene	SW8270C	1	0.74	4.9	5.1	ug/Kg

EB-1(24-24.5) 1909254-008

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
TPH(Gasoline)	8260TPH	2000	99000	230000	4820000	ug/Kg
Moisture, Percent	ASTM D2216-90	1	0.050	0.050	19.0	%
Dry Weight Factor	ASTM D2216-90	1	1	1	1.19	%
Arsenic	SW6010B	1	0.15	1.30	1.31	mg/Kg
Barium	SW6010B	1	0.055	5.00	54.5	mg/Kg
Chromium	SW6010B	1	0.075	5.00	38.7	mg/Kg
Cobalt	SW6010B	1	0.070	5.00	8.50	mg/Kg
Copper	SW6010B	1	0.20	5.00	16.5	mg/Kg
Lead	SW6010B	1	0.10	3.00	4.20	mg/Kg
Nickel	SW6010B	1	0.50	5.00	48.6	mg/Kg
Vanadium	SW6010B	1	0.10	5.00	32.6	mg/Kg
Zinc	SW6010B	1	0.30	5.00	35.9	mg/Kg
TPH as Diesel	SW8015B	1	0.85	2.0	13.2	mg/Kg



### Sample Result Summary

Report prepared for: Ron Helm  
Cornerstone Earth Group

Date Received: 09/28/19

Date Reported: 10/18/19

EB-1(39-39.5)

1909254-010

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
Moisture, Percent	ASTM D2216-90	1	0.050	0.050	24.9	%
Dry Weight Factor	ASTM D2216-90	1	1	1	1.25	%
Barium	SW6010B	1	0.069	6.25	122	mg/Kg
Chromium	SW6010B	1	0.094	6.25	54.6	mg/Kg
Cobalt	SW6010B	1	0.088	6.25	15.4	mg/Kg
Copper	SW6010B	1	0.25	6.25	35.1	mg/Kg
Lead	SW6010B	1	0.13	3.75	9.19	mg/Kg
Nickel	SW6010B	1	0.63	6.25	81.3	mg/Kg
Vanadium	SW6010B	1	0.13	6.25	46.3	mg/Kg
Zinc	SW6010B	1	0.38	6.25	71.9	mg/Kg
Chromium (STLC)	SW6010B	1	0.010	0.20	0.250	mg/L



### Sample Result Summary

Report prepared for: Ron Helm  
Cornerstone Earth Group

Date Received: 09/28/19

Date Reported: 10/18/19

EB-4(0-0.5) 1909254-011

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
Moisture, Percent	ASTM D2216-90	1	0.050	0.050	9.82	%
Dry Weight Factor	ASTM D2216-90	1	1	1	1.10	%
Arsenic	SW6010B	1	0.17	1.43	2.81	mg/Kg
Barium	SW6010B	1	0.061	5.50	85.8	mg/Kg
Chromium	SW6010B	1	0.083	5.50	79.2	mg/Kg
Cobalt	SW6010B	1	0.077	5.50	18.9	mg/Kg
Copper	SW6010B	1	0.22	5.50	26.6	mg/Kg
Lead	SW6010B	1	0.11	3.30	33.0	mg/Kg
Nickel	SW6010B	1	0.55	5.50	246	mg/Kg
Vanadium	SW6010B	1	0.11	5.50	30.0	mg/Kg
Zinc	SW6010B	1	0.33	5.50	58.9	mg/Kg
Chromium (STLC)	SW6010B	1	0.010	0.20	0.310	mg/L
Nickel (STLC)	SW6010B	1	0.010	0.20	3.59	mg/L
TPH as Motor Oil	SW8015B	2	70	220	906	mg/Kg
4,4'-DDT	SW8081B	20	2.8	44	5.39	ug/Kg
Aroclor1260	SW8082A	1	40	110	117	ug/Kg
2-Methylnaphthalene	SW8270C	2	6.8	120	16	ug/Kg
1-Methylnaphthalene	SW8270C	2	5.6	120	9.9	ug/Kg
Acenaphthylene	SW8270C	2	5.7	120	6.2	ug/Kg
Phenanthrene	SW8270C	2	18	120	18	ug/Kg
Pyrene	SW8270C	2	17	120	21	ug/Kg
Benz[a]anthracene	SW8270C	2	14	120	47	ug/Kg
Chrysene	SW8270C	2	15	120	28	ug/Kg
Benzo[b]fluoranthene	SW8270C	2	7.4	120	23	ug/Kg
Benzo[k]fluoranthene	SW8270C	2	6.9	120	12	ug/Kg
Benzo[a]pyrene	SW8270C	2	8.7	120	24	ug/Kg
Indeno[1,2,3-cd]pyrene	SW8270C	2	6.7	120	23	ug/Kg
Dibenz[a,h]anthracene	SW8270C	2	8.4	120	15	ug/Kg
Benzo[g,h,i]perylene	SW8270C	2	8.2	120	51	ug/Kg



## Sample Result Summary

Report prepared for: Ron Helm  
Cornerstone Earth Group

Date Received: 09/28/19

Date Reported: 10/18/19

EB-4(0.5-1) 1909254-012

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
Moisture, Percent	ASTM D2216-90	1	0.050	0.050	11.6	%
Dry Weight Factor	ASTM D2216-90	1	1	1	1.12	%
Arsenic	SW6010B	1	0.17	1.46	5.42	mg/Kg
Barium	SW6010B	1	0.062	5.60	158	mg/Kg
Chromium	SW6010B	1	0.084	5.60	66.1	mg/Kg
Cobalt	SW6010B	1	0.078	5.60	15.4	mg/Kg
Copper	SW6010B	1	0.22	5.60	44.5	mg/Kg
Lead	SW6010B	1	0.11	3.36	65.0	mg/Kg
Nickel	SW6010B	1	0.56	5.60	135	mg/Kg
Vanadium	SW6010B	1	0.11	5.60	42.1	mg/Kg
Zinc	SW6010B	1	0.34	5.60	93.0	mg/Kg
Lead (STLC)	SW6010B	1	0.050	0.20	2.88	mg/L
TPH as Diesel	SW8015B	1	1.7	4.0	4.80	mg/Kg
TPH as Motor Oil	SW8015B	1	6.4	20	96.2	mg/Kg
TBA	SW8260B	1	13	56	59.5	ug/Kg
Naphthalene	SW8270C	2	1.1	8.9	5.7	ug/Kg
2-Methylnaphthalene	SW8270C	2	0.50	8.9	5.8	ug/Kg
1-Methylnaphthalene	SW8270C	2	0.41	8.9	5.1	ug/Kg
Acenaphthylene	SW8270C	2	0.42	8.9	2.7	ug/Kg
Acenaphthene	SW8270C	2	0.36	8.9	1.0	ug/Kg
Fluorene	SW8270C	2	0.60	8.9	1.6	ug/Kg
Phenanthrene	SW8270C	2	1.3	8.9	15	ug/Kg
Anthracene	SW8270C	2	1.2	8.9	3.1	ug/Kg
Fluoranthene	SW8270C	2	1.2	8.9	18	ug/Kg
Pyrene	SW8270C	2	1.2	8.9	20	ug/Kg
Benz[a]anthracene	SW8270C	2	1.0	8.9	14	ug/Kg
Chrysene	SW8270C	2	1.1	8.9	17	ug/Kg
Benzo[b]fluoranthene	SW8270C	2	0.55	8.9	21	ug/Kg
Benzo[k]fluoranthene	SW8270C	2	0.50	8.9	7.6	ug/Kg
Benzo[a]pyrene	SW8270C	2	0.64	8.9	17	ug/Kg
Indeno[1,2,3-cd]pyrene	SW8270C	2	0.49	8.9	14	ug/Kg
Dibenz[a,h]anthracene	SW8270C	2	0.62	8.9	5.1	ug/Kg
Benzo[g,h,i]perylene	SW8270C	2	0.60	8.9	16	ug/Kg





### Sample Result Summary

Report prepared for: Ron Helm  
Cornerstone Earth Group

Date Received: 09/28/19

Date Reported: 10/18/19

EB-4(3-3.5) 1909254-013

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
Moisture, Percent	ASTM D2216-90	1	0.050	0.050	15.0	%
Dry Weight Factor	ASTM D2216-90	1	1	1	1.15	%
Arsenic	SW6010B	1	0.17	1.50	5.92	mg/Kg
Barium	SW6010B	1	0.063	5.75	188	mg/Kg
Chromium	SW6010B	1	0.086	5.75	51.4	mg/Kg
Cobalt	SW6010B	1	0.081	5.75	12.6	mg/Kg
Copper	SW6010B	1	0.23	5.75	34.7	mg/Kg
Lead	SW6010B	1	0.12	3.45	9.95	mg/Kg
Nickel	SW6010B	1	0.58	5.75	82.8	mg/Kg
Vanadium	SW6010B	1	0.12	5.75	35.4	mg/Kg
Zinc	SW6010B	1	0.35	5.75	63.8	mg/Kg

EB-4(5.5-6) 1909254-014

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
Moisture, Percent	ASTM D2216-90	1	0.050	0.050	17.2	%
Dry Weight Factor	ASTM D2216-90	1	1	1	1.17	%
Arsenic	SW6010B	1	0.18	1.52	5.63	mg/Kg
Barium	SW6010B	1	0.064	5.85	201	mg/Kg
Chromium	SW6010B	1	0.088	5.85	43.2	mg/Kg
Cobalt	SW6010B	1	0.082	5.85	10.9	mg/Kg
Copper	SW6010B	1	0.23	5.85	29.7	mg/Kg
Lead	SW6010B	1	0.12	3.51	8.37	mg/Kg
Nickel	SW6010B	1	0.59	5.85	70.8	mg/Kg
Vanadium	SW6010B	1	0.12	5.85	29.9	mg/Kg
Zinc	SW6010B	1	0.35	5.85	58.0	mg/Kg

EB-4(9-9.5) 1909254-015

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
Moisture, Percent	ASTM D2216-90	1	0.050	0.050	13.9	%
Dry Weight Factor	ASTM D2216-90	1	1	1	1.14	%
Arsenic	SW6010B	1	0.17	1.48	8.84	mg/Kg
Barium	SW6010B	1	0.063	5.70	101	mg/Kg
Chromium	SW6010B	1	0.086	5.70	53.8	mg/Kg
Cobalt	SW6010B	1	0.080	5.70	10.5	mg/Kg
Copper	SW6010B	1	0.23	5.70	26.1	mg/Kg
Lead	SW6010B	1	0.11	3.42	8.38	mg/Kg
Nickel	SW6010B	1	0.57	5.70	80.4	mg/Kg
Vanadium	SW6010B	1	0.11	5.70	32.6	mg/Kg
Zinc	SW6010B	1	0.34	5.70	54.0	mg/Kg



### Sample Result Summary

Report prepared for: Ron Helm  
Cornerstone Earth Group

Date Received: 09/28/19

Date Reported: 10/18/19

EB-4(24-24.5)

1909254-016

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
Moisture, Percent	ASTM D2216-90	1	0.050	0.050	25.2	%
Dry Weight Factor	ASTM D2216-90	1	1	1	1.25	%
Arsenic	SW6010B	1	0.19	1.63	1.75	mg/Kg
Barium	SW6010B	1	0.069	6.25	68.1	mg/Kg
Chromium	SW6010B	1	0.094	6.25	49.6	mg/Kg
Cobalt	SW6010B	1	0.088	6.25	9.88	mg/Kg
Copper	SW6010B	1	0.25	6.25	23.4	mg/Kg
Lead	SW6010B	1	0.13	3.75	6.13	mg/Kg
Nickel	SW6010B	1	0.63	6.25	66.9	mg/Kg
Vanadium	SW6010B	1	0.13	6.25	39.3	mg/Kg
Zinc	SW6010B	1	0.38	6.25	50.7	mg/Kg
TPH as Diesel	SW8015B	1	1.1	2.5	3.76	mg/Kg
TPH as Motor Oil	SW8015B	1	4.0	13	13.0	mg/Kg

EB-4(39-39.5)

1909254-017

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
Moisture, Percent	ASTM D2216-90	1	0.050	0.050	21.4	%
Dry Weight Factor	ASTM D2216-90	1	1	1	1.21	%
Barium	SW6010B	1	0.067	6.05	134	mg/Kg
Chromium	SW6010B	1	0.091	6.05	57.1	mg/Kg
Cobalt	SW6010B	1	0.085	6.05	13.9	mg/Kg
Copper	SW6010B	1	0.24	6.05	44.5	mg/Kg
Lead	SW6010B	1	0.12	3.63	10.7	mg/Kg
Nickel	SW6010B	1	0.61	6.05	83.5	mg/Kg
Vanadium	SW6010B	1	0.12	6.05	48.8	mg/Kg
Zinc	SW6010B	1	0.36	6.05	81.7	mg/Kg
Chromium (STLC)	SW6010B	1	0.010	0.20	0.344	mg/L
TPH as Diesel	SW8015B	1	1.0	2.4	3.10	mg/Kg
TPH as Motor Oil	SW8015B	1	3.8	12	24.6	mg/Kg



### SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/28/19, 4:40 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-1(0-0.5)	<b>Lab Sample ID:</b>	1909254-001A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/28/19 / 14:19		
<b>SDG:</b>			

<b>Prep Method:</b> 7471BP	<b>Prep Batch Date/Time:</b> 9/30/19	5:30:00PM
<b>Prep Batch ID:</b> 1117035	<b>Prep Analyst:</b> IRNAZ	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Mercury	SW7471B	1	0.098	0.59	ND		mg/Kg	10/01/19	10:15	BJAY	442816



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/28/19, 4:40 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-1(0-0.5)	<b>Lab Sample ID:</b>	1909254-001A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/28/19 / 14:19		
<b>SDG:</b>			

<b>Prep Method:</b> 3050B	<b>Prep Batch Date/Time:</b> 9/30/19	5:15:00PM
<b>Prep Batch ID:</b> 1117036	<b>Prep Analyst:</b> IRNAZ	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Antimony	SW6010B	1	0.059	5.85	ND		mg/Kg	10/01/19	12:44	PPATEL	442796
Arsenic	SW6010B	1	0.18	1.52	ND		mg/Kg	10/01/19	12:44	PPATEL	442796
Barium	SW6010B	1	0.064	5.85	<b>144</b>		mg/Kg	10/01/19	12:44	PPATEL	442796
Beryllium	SW6010B	1	0.064	5.85	ND		mg/Kg	10/01/19	12:44	PPATEL	442796
Cadmium	SW6010B	1	0.12	5.85	ND		mg/Kg	10/01/19	12:44	PPATEL	442796
Chromium	SW6010B	1	0.088	5.85	<b>319</b>		mg/Kg	10/01/19	12:44	PPATEL	442796
Cobalt	SW6010B	1	0.082	5.85	<b>54.7</b>		mg/Kg	10/01/19	12:44	PPATEL	442796
Copper	SW6010B	1	0.23	5.85	<b>25.7</b>		mg/Kg	10/01/19	12:44	PPATEL	442796
Lead	SW6010B	1	0.12	3.51	<b>13.9</b>		mg/Kg	10/01/19	12:44	PPATEL	442796
Molybdenum	SW6010B	1	0.059	5.85	ND		mg/Kg	10/01/19	12:44	PPATEL	442796
Nickel	SW6010B	1	0.59	5.85	<b>959</b>		mg/Kg	10/01/19	12:44	PPATEL	442796
Selenium	SW6010B	1	0.26	5.85	ND		mg/Kg	10/01/19	12:44	PPATEL	442796
Silver	SW6010B	1	0.18	5.85	ND		mg/Kg	10/01/19	12:44	PPATEL	442796
Thallium	SW6010B	1	0.64	5.85	ND		mg/Kg	10/01/19	12:44	PPATEL	442796
Vanadium	SW6010B	1	0.12	5.85	<b>28.5</b>		mg/Kg	10/01/19	12:44	PPATEL	442796
Zinc	SW6010B	1	0.35	5.85	<b>49.6</b>		mg/Kg	10/01/19	12:44	PPATEL	442796



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/28/19, 4:40 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-1(0-0.5)	<b>Lab Sample ID:</b>	1909254-001A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/28/19 / 14:19		
<b>SDG:</b>			

<b>Prep Method:</b> WET/3010B	<b>Prep Batch Date/Time:</b> 10/10/19	3:50:00PM
<b>Prep Batch ID:</b> 1117290	<b>Prep Analyst:</b> BJAY	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Chromium (STLC)	SW6010B	1	0.010	0.20	<b>0.620</b>		mg/L	10/10/19	18:57	PPATEL	443035
Nickel (STLC)	SW6010B	1	0.010	0.20	<b>4.60</b>		mg/L	10/10/19	18:57	PPATEL	443035



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/28/19, 4:40 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-1(0-0.5)	<b>Lab Sample ID:</b>	1909254-001A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/28/19 / 14:19		
<b>SDG:</b>			

<b>Prep Method:</b> 3546_PAHSIM	<b>Prep Batch Date/Time:</b> 10/1/19 10:26:00AM
<b>Prep Batch ID:</b> 1117039	<b>Prep Analyst:</b> SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
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*The results shown below are reported using their MDL.*

Naphthalene	SW8270C	2	17	130	<b>76</b>	J	ug/Kg	10/01/19	13:16	MT	442817
2-Methylnaphthalene	SW8270C	2	7.3	130	<b>120</b>	J	ug/Kg	10/01/19	13:16	MT	442817
1-Methylnaphthalene	SW8270C	2	6.0	130	<b>160</b>		ug/Kg	10/01/19	13:16	MT	442817
Acenaphthylene	SW8270C	2	6.0	130	<b>27</b>	J	ug/Kg	10/01/19	13:16	MT	442817
Acenaphthene	SW8270C	2	5.3	130	<b>38</b>	J	ug/Kg	10/01/19	13:16	MT	442817
Fluorene	SW8270C	2	8.7	130	<b>54</b>	J	ug/Kg	10/01/19	13:16	MT	442817
Phenanthrene	SW8270C	2	19	130	<b>120</b>	J	ug/Kg	10/01/19	13:16	MT	442817
Anthracene	SW8270C	2	17	130	<b>21</b>	J	ug/Kg	10/01/19	13:16	MT	442817
Fluoranthene	SW8270C	2	17	130	<b>110</b>	J	ug/Kg	10/01/19	13:16	MT	442817
Pyrene	SW8270C	2	18	130	<b>130</b>		ug/Kg	10/01/19	13:16	MT	442817
Benz[a]anthracene	SW8270C	2	15	130	<b>69</b>	J	ug/Kg	10/01/19	13:16	MT	442817
Chrysene	SW8270C	2	16	130	<b>80</b>	J	ug/Kg	10/01/19	13:16	MT	442817
Benzo[b]fluoranthene	SW8270C	2	7.9	130	<b>79</b>	J	ug/Kg	10/01/19	13:16	MT	442817
Benzo[k]fluoranthene	SW8270C	2	7.3	130	<b>36</b>	J	ug/Kg	10/01/19	13:16	MT	442817
Benzo[a]pyrene	SW8270C	2	9.2	130	<b>83</b>	J	ug/Kg	10/01/19	13:16	MT	442817
Indeno[1,2,3-cd]pyrene	SW8270C	2	7.2	130	<b>81</b>	J	ug/Kg	10/01/19	13:16	MT	442817
Dibenz[a,h]anthracene	SW8270C	2	8.9	130	<b>42</b>	J	ug/Kg	10/01/19	13:16	MT	442817
Benzo[g,h,i]perylene	SW8270C	2	8.7	130	<b>110</b>	J	ug/Kg	10/01/19	13:16	MT	442817
Acceptance Limits											
2-Fluorobiphenyl (S)	SW8270C		45 - 125		<b>0.00</b>	D	%	10/01/19	13:16	MT	442817
p-Terphenyl-d14 (S)	SW8270C		30 - 125		<b>0.00</b>	D	%	10/01/19	13:16	MT	442817

**NOTE:** Reporting limits raised due to nature of the matrix (extremely dark and viscous extract) and necessary dilution of the sample.



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/28/19, 4:40 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-1(0-0.5)	<b>Lab Sample ID:</b>	1909254-001A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/28/19 / 14:19		
<b>SDG:</b>			

<b>Prep Method:</b> 3546_PCB	<b>Prep Batch Date/Time:</b> 10/1/19 1:30:00PM
<b>Prep Batch ID:</b> 1117046	<b>Prep Analyst:</b> SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Aroclor1016	SW8082A	1	68	130	ND		ug/Kg	10/01/19	13:40	MK	442798
Aroclor1221	SW8082A	1	6.4	130	ND		ug/Kg	10/01/19	13:40	MK	442798
Aroclor1232	SW8082A	1	22	130	ND		ug/Kg	10/01/19	13:40	MK	442798
Aroclor1242	SW8082A	1	3.8	130	ND		ug/Kg	10/01/19	13:40	MK	442798
Aroclor1248	SW8082A	1	2.6	130	ND		ug/Kg	10/01/19	13:40	MK	442798
Aroclor1254	SW8082A	1	2.6	130	ND		ug/Kg	10/01/19	13:40	MK	442798
Aroclor1260	SW8082A	1	46	130	ND		ug/Kg	10/01/19	13:40	MK	442798
Acceptance Limits											
TCMX (S)	SW8082A		48 - 125		<b>80.0</b>		%	10/01/19	13:40	MK	442798
DCBP (S)	SW8082A		48 - 135		<b>79.0</b>		%	10/01/19	13:40	MK	442798



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/28/19, 4:40 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-1(0-0.5)	<b>Lab Sample ID:</b>	1909254-001A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/28/19 / 14:19		
<b>SDG:</b>			

<b>Prep Method:</b> 3546_OCP	<b>Prep Batch Date/Time:</b> 10/1/19 1:26:00PM
<b>Prep Batch ID:</b> 1117044	<b>Prep Analyst:</b> SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
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*The results shown below are reported using their MDL.*

alpha-BHC	SW8081B	20	3.0	47	ND		ug/Kg	10/01/19	19:22	MK	442844
gamma-BHC (Lindane)	SW8081B	20	3.7	47	ND		ug/Kg	10/01/19	19:22	MK	442844
beta-BHC	SW8081B	20	7.4	47	ND		ug/Kg	10/01/19	19:22	MK	442844
delta-BHC	SW8081B	20	3.6	47	ND		ug/Kg	10/01/19	19:22	MK	442844
Heptachlor	SW8081B	20	2.5	47	ND		ug/Kg	10/01/19	19:22	MK	442844
Aldrin	SW8081B	20	4.6	47	ND		ug/Kg	10/01/19	19:22	MK	442844
Heptachlor Epoxide	SW8081B	20	1.8	47	ND		ug/Kg	10/01/19	19:22	MK	442844
gamma-Chlordane	SW8081B	20	3.8	47	ND		ug/Kg	10/01/19	19:22	MK	442844
alpha-Chlordane	SW8081B	20	4.0	47	ND		ug/Kg	10/01/19	19:22	MK	442844
4,4'-DDE	SW8081B	20	4.5	47	ND		ug/Kg	10/01/19	19:22	MK	442844
Endosulfan I	SW8081B	20	4.3	47	ND		ug/Kg	10/01/19	19:22	MK	442844
Dieldrin	SW8081B	20	3.5	47	ND		ug/Kg	10/01/19	19:22	MK	442844
Endrin	SW8081B	20	4.4	47	ND		ug/Kg	10/01/19	19:22	MK	442844
4,4'-DDD	SW8081B	20	13	47	ND		ug/Kg	10/01/19	19:22	MK	442844
Endosulfan II	SW8081B	20	13	47	ND		ug/Kg	10/01/19	19:22	MK	442844
4,4'-DDT	SW8081B	20	3.0	47	ND		ug/Kg	10/01/19	19:22	MK	442844
Endrin Aldehyde	SW8081B	20	3.5	47	ND		ug/Kg	10/01/19	19:22	MK	442844
Methoxychlor	SW8081B	20	4.7	47	ND		ug/Kg	10/01/19	19:22	MK	442844
Endosulfan Sulfate	SW8081B	20	2.7	47	ND		ug/Kg	10/01/19	19:22	MK	442844
Endrin Ketone	SW8081B	20	2.2	47	ND		ug/Kg	10/01/19	19:22	MK	442844
Chlordane	SW8081B	20	49	470	ND		ug/Kg	10/01/19	19:22	MK	442844
Toxaphene	SW8081B	20	200	1200	ND		ug/Kg	10/01/19	19:22	MK	442844
Acceptance Limits											
TCMX (S)	SW8081B		48 - 125		0.000	D	%	10/01/19	19:22	MK	442844
DCBP (S)	SW8081B		38 - 135		0.000	D	%	10/01/19	19:22	MK	442844

**NOTE:** Sample diluted due to nature of the matrix (dark, viscous extract)





## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/28/19, 4:40 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-1(0-0.5)	<b>Lab Sample ID:</b>	1909254-001A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/28/19 / 14:19		
<b>SDG:</b>			

<b>Prep Method:</b> % Water-P	<b>Prep Batch Date/Time:</b> 10/4/19	6:50:00PM
<b>Prep Batch ID:</b> 1117182	<b>Prep Analyst:</b> BJAY	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Moisture, Percent	ASTM D2216-90	1	0.050	0.050	17.3		%	10/05/19	12:30	BJAY	442910
Dry Weight Factor	ASTM D2216-90	1	1	1	1.17		-	10/05/19	12:30	BJAY	442910



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/28/19, 4:40 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-1(0-0.5)	<b>Lab Sample ID:</b>	1909254-001A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/28/19 / 14:19		
<b>SDG:</b>			

<b>Prep Method:</b> 3546_BNA	<b>Prep Batch Date/Time:</b> 10/1/19 10:24:00AM
<b>Prep Batch ID:</b> 1117038	<b>Prep Analyst:</b> SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
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*The results shown below are reported using their MDL.*

N-Nitrosodimethylamine	SW8270C	2	1520	23400	ND		ug/Kg	10/02/19	19:19	MT	442802
Phenol	SW8270C	2	1420	9360	ND		ug/Kg	10/02/19	19:19	MT	442802
Bis(2-chloroethyl)ether	SW8270C	2	432	4680	ND		ug/Kg	10/02/19	19:19	MT	442802
2-Chlorophenol	SW8270C	2	1550	9360	ND		ug/Kg	10/02/19	19:19	MT	442802
1,3-Dichlorobenzene	SW8270C	2	427	4680	ND		ug/Kg	10/02/19	19:19	MT	442802
1,4-Dichlorobenzene	SW8270C	2	475	4680	ND		ug/Kg	10/02/19	19:19	MT	442802
Benzyl Alcohol	SW8270C	2	665	9360	ND		ug/Kg	10/02/19	19:19	MT	442802
1,2-Dichlorobenzene	SW8270C	2	439	4680	ND		ug/Kg	10/02/19	19:19	MT	442802
2-Methylphenol (o-Cresol)	SW8270C	2	954	9360	ND		ug/Kg	10/02/19	19:19	MT	442802
N-Methyl-2-Pyrrolidone (NMP)	SW8270C	2	2210	23400	ND		ug/Kg	10/02/19	19:19	MT	442802
3-/4-Methylphenol (p-/m-Cresol)	SW8270C	2	1020	9360	ND		ug/Kg	10/02/19	19:19	MT	442802
N-nitroso-di-n-propylamine	SW8270C	2	427	4680	ND		ug/Kg	10/02/19	19:19	MT	442802
Hexachloroethane	SW8270C	2	554	4680	ND		ug/Kg	10/02/19	19:19	MT	442802
Nitrobenzene	SW8270C	2	417	4680	ND		ug/Kg	10/02/19	19:19	MT	442802
Isophorone	SW8270C	2	396	4680	ND		ug/Kg	10/02/19	19:19	MT	442802
2-Nitrophenol	SW8270C	2	825	9360	ND		ug/Kg	10/02/19	19:19	MT	442802
2,4-Dimethylphenol	SW8270C	2	741	9360	ND		ug/Kg	10/02/19	19:19	MT	442802
Benzoic Acid	SW8270C	2	1360	9360	ND		ug/Kg	10/02/19	19:19	MT	442802
Bis(2-Chloroethoxy)methane	SW8270C	2	318	4680	ND		ug/Kg	10/02/19	19:19	MT	442802
Bis(2-chloroisopropyl)ether	SW8270C	2	409	4680	ND		ug/Kg	10/02/19	19:19	MT	442802
2,4-Dichlorophenol	SW8270C	2	1280	9360	ND		ug/Kg	10/02/19	19:19	MT	442802
1,2,4-Trichlorobenzene	SW8270C	2	385	4680	ND		ug/Kg	10/02/19	19:19	MT	442802
2,6-Dichlorophenol	SW8270C	2	1160	9360	ND		ug/Kg	10/02/19	19:19	MT	442802
Hexachloro-1,3-butadiene	SW8270C	2	271	4680	ND		ug/Kg	10/02/19	19:19	MT	442802
4-Chloro-3-methylphenol	SW8270C	2	1100	9360	ND		ug/Kg	10/02/19	19:19	MT	442802
Hexachlorocyclopentadiene	SW8270C	2	421	4680	ND		ug/Kg	10/02/19	19:19	MT	442802
2,4,6-Trichlorophenol	SW8270C	2	1170	9360	ND		ug/Kg	10/02/19	19:19	MT	442802
2,4,5-Trichlorophenol	SW8270C	2	1090	9360	ND		ug/Kg	10/02/19	19:19	MT	442802
2-Chloronaphthalene	SW8270C	2	345	4680	ND		ug/Kg	10/02/19	19:19	MT	442802
1,4-Dinitrobenzene	SW8270C	2	335	4680	ND		ug/Kg	10/02/19	19:19	MT	442802
Dimethyl phthalate	SW8270C	2	460	23400	ND		ug/Kg	10/02/19	19:19	MT	442802
1,3-Dinitrobenzene	SW8270C	2	338	4680	ND		ug/Kg	10/02/19	19:19	MT	442802
2,6-Dinitrotoluene	SW8270C	2	368	4680	ND		ug/Kg	10/02/19	19:19	MT	442802
1,2-Dinitrobenzene	SW8270C	2	512	4680	ND		ug/Kg	10/02/19	19:19	MT	442802



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/28/19, 4:40 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-1(0-0.5)	<b>Lab Sample ID:</b>	1909254-001A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/28/19 / 14:19		
<b>SDG:</b>			

<b>Prep Method:</b> 3546_BNA	<b>Prep Batch Date/Time:</b> 10/1/19 10:24:00AM
<b>Prep Batch ID:</b> 1117038	<b>Prep Analyst:</b> SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
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*The results shown below are reported using their MDL.*

2,4-Dinitrophenol	SW8270C	2	2520	23400	ND		ug/Kg	10/02/19	19:19	MT	442802
4-Nitrophenol	SW8270C	2	1780	23400	ND		ug/Kg	10/02/19	19:19	MT	442802
Dibenzofuran	SW8270C	2	365	4680	ND		ug/Kg	10/02/19	19:19	MT	442802
2,4-Dinitrotoluene	SW8270C	2	393	4680	ND		ug/Kg	10/02/19	19:19	MT	442802
2,3,5,6-Tetrachlorophenol	SW8270C	2	897	9360	ND		ug/Kg	10/02/19	19:19	MT	442802
2,3,4,6-Tetrachlorophenol	SW8270C	2	1020	9360	ND		ug/Kg	10/02/19	19:19	MT	442802
Diethylphthalate	SW8270C	2	443	23400	ND		ug/Kg	10/02/19	19:19	MT	442802
4-Chlorophenyl-phenylether	SW8270C	2	303	4680	ND		ug/Kg	10/02/19	19:19	MT	442802
4,6-Dinitro-2-methylphenol	SW8270C	2	435	9360	ND		ug/Kg	10/02/19	19:19	MT	442802
Diphenylamine	SW8270C	2	424	4680	ND		ug/Kg	10/02/19	19:19	MT	442802
4-Bromophenyl-phenylether	SW8270C	2	267	4680	ND		ug/Kg	10/02/19	19:19	MT	442802
Hexachlorobenzene	SW8270C	2	281	4680	ND		ug/Kg	10/02/19	19:19	MT	442802
Pentachlorophenol	SW8270C	2	812	9360	ND		ug/Kg	10/02/19	19:19	MT	442802
Carbazole	SW8270C	2	349	4680	ND		ug/Kg	10/02/19	19:19	MT	442802
Di-n-butylphthalate	SW8270C	2	439	4680	ND		ug/Kg	10/02/19	19:19	MT	442802
Benzidine	SW8270C	2	4770	4680	ND		ug/Kg	10/02/19	19:19	MT	442802
Butylbenzylphthalate	SW8270C	2	684	23400	ND		ug/Kg	10/02/19	19:19	MT	442802
Benzo(a)anthracene	SW8270C	2	319	4680	ND		ug/Kg	10/02/19	19:19	MT	442802
3,3-Dichlorobenzidine	SW8270C	2	3830	4680	ND		ug/Kg	10/02/19	19:19	MT	442802
Bis(2-Ethylhexyl)phthalate	SW8270C	2	498	23400	ND		ug/Kg	10/02/19	19:19	MT	442802
Di-n-Octylphthalate	SW8270C	2	399	4680	ND		ug/Kg	10/02/19	19:19	MT	442802
Pyridine	SW8270C	2	1420	23400	ND		ug/Kg	10/02/19	19:19	MT	442802

Acceptance Limits

2-Fluorophenol (S)	SW8270C		25 - 121		<b>0.000</b>	D	%	10/02/19	19:19	MT	442802
Phenol-d6 (S)	SW8270C		24 - 113		<b>0.000</b>	D	%	10/02/19	19:19	MT	442802
2,4,6-Tribromophenol (S)	SW8270C		19 - 122		<b>0.000</b>	D	%	10/02/19	19:19	MT	442802
2-Fluorobiphenyl (S)	SW8270C		45 - 143		<b>0.000</b>	D	%	10/02/19	19:19	MT	442802
Nitrobenzene-d5 (S)	SW8270C		23 - 120		<b>0.000</b>	D	%	10/02/19	19:19	MT	442802
Terphenyl-d14 (S)	SW8270C		18 - 137		<b>0.000</b>	D	%	10/02/19	19:19	MT	442802

**NOTE:** Reporting limits raised due to nature of the matrix (extremely dark and viscous extract) and necessary dilution of the sample.



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/28/19, 4:40 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-1(0-0.5)	<b>Lab Sample ID:</b>	1909254-001A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/28/19 / 14:19		
<b>SDG:</b>			

<b>Prep Method:</b> 3546_TPH	<b>Prep Batch Date/Time:</b> 10/1/19 1:20:00PM
<b>Prep Batch ID:</b> 1117043	<b>Prep Analyst:</b> SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel	SW8015B	1	8.5	20	<b>51.3</b>	x	mg/Kg	10/01/19	20:40	MK	442805
TPH as Motor Oil	SW8015B	1	32	100	<b>949</b>		mg/Kg	10/01/19	20:40	MK	442805
Acceptance Limits											
Pentacosane (S)	SW8015B		59 - 129		<b>88.6</b>		%	10/01/19	20:40	MK	442805

**NOTE:** x-not typical of Diesel ref. std: peaks within Diesel range quantified as diesel



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/28/19, 4:40 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-1(0-0.5)	<b>Lab Sample ID:</b>	1909254-001B
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/28/19 / 14:19		
<b>SDG:</b>			

<b>Prep Method:</b> 5035	<b>Prep Batch Date/Time:</b> 10/1/19 10:11:00AM
<b>Prep Batch ID:</b> 1117113	<b>Prep Analyst:</b> BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	SW8260B	100	150	1200	ND		ug/Kg	10/01/19	18:04	BP	442837
Chloromethane	SW8260B	100	220	1200	ND		ug/Kg	10/01/19	18:04	BP	442837
Vinyl Chloride	SW8260B	100	250	1200	ND		ug/Kg	10/01/19	18:04	BP	442837
Bromomethane	SW8260B	100	330	1200	ND		ug/Kg	10/01/19	18:04	BP	442837
Chloroethane	SW8260B	100	370	1200	ND		ug/Kg	10/01/19	18:04	BP	442837
Trichlorofluoromethane	SW8260B	100	250	1200	ND		ug/Kg	10/01/19	18:04	BP	442837
1,1-Dichloroethene	SW8260B	100	250	1200	ND		ug/Kg	10/01/19	18:04	BP	442837
Freon 113	SW8260B	100	230	1200	ND		ug/Kg	10/01/19	18:04	BP	442837
Methylene Chloride	SW8260B	100	870	1200	ND		ug/Kg	10/01/19	18:04	BP	442837
trans-1,2-Dichloroethene	SW8260B	100	260	1200	ND		ug/Kg	10/01/19	18:04	BP	442837
MTBE	SW8260B	100	290	1200	ND		ug/Kg	10/01/19	18:04	BP	442837
TBA	SW8260B	100	1400	6200	ND		ug/Kg	10/01/19	18:04	BP	442837
Diisopropyl ether	SW8260B	100	280	1200	ND		ug/Kg	10/01/19	18:04	BP	442837
1,1-Dichloroethane	SW8260B	100	270	1200	ND		ug/Kg	10/01/19	18:04	BP	442837
Ethyl tert-Butyl ether	SW8260B	100	280	1200	ND		ug/Kg	10/01/19	18:04	BP	442837
cis-1,2-Dichloroethene	SW8260B	100	270	1200	ND		ug/Kg	10/01/19	18:04	BP	442837
2,2-Dichloropropane	SW8260B	100	240	1200	ND		ug/Kg	10/01/19	18:04	BP	442837
Bromochloromethane	SW8260B	100	290	1200	ND		ug/Kg	10/01/19	18:04	BP	442837
Chloroform	SW8260B	100	290	1200	ND		ug/Kg	10/01/19	18:04	BP	442837
Carbon Tetrachloride	SW8260B	100	250	1200	ND		ug/Kg	10/01/19	18:04	BP	442837
1,1,1-Trichloroethane	SW8260B	100	260	1200	ND		ug/Kg	10/01/19	18:04	BP	442837
1,1-Dichloropropene	SW8260B	100	240	1200	ND		ug/Kg	10/01/19	18:04	BP	442837
Benzene	SW8260B	100	270	1200	ND		ug/Kg	10/01/19	18:04	BP	442837
TAME	SW8260B	100	280	1200	ND		ug/Kg	10/01/19	18:04	BP	442837
1,2-Dichloroethane	SW8260B	100	290	1200	ND		ug/Kg	10/01/19	18:04	BP	442837
Trichloroethylene	SW8260B	100	220	1200	ND		ug/Kg	10/01/19	18:04	BP	442837
Dibromomethane	SW8260B	100	230	1200	ND		ug/Kg	10/01/19	18:04	BP	442837
1,2-Dichloropropane	SW8260B	100	230	1200	ND		ug/Kg	10/01/19	18:04	BP	442837
Bromodichloromethane	SW8260B	100	240	1200	ND		ug/Kg	10/01/19	18:04	BP	442837
cis-1,3-Dichloropropene	SW8260B	100	200	1200	ND		ug/Kg	10/01/19	18:04	BP	442837
Toluene	SW8260B	100	220	1200	ND		ug/Kg	10/01/19	18:04	BP	442837
Tetrachloroethylene	SW8260B	100	200	1200	ND		ug/Kg	10/01/19	18:04	BP	442837
trans-1,3-Dichloropropene	SW8260B	100	200	1200	ND		ug/Kg	10/01/19	18:04	BP	442837
1,1,2-Trichloroethane	SW8260B	100	230	1200	ND		ug/Kg	10/01/19	18:04	BP	442837
Dibromochloromethane	SW8260B	100	230	1200	ND		ug/Kg	10/01/19	18:04	BP	442837



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/28/19, 4:40 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-1(0-0.5)	<b>Lab Sample ID:</b>	1909254-001B
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/28/19 / 14:19		
<b>SDG:</b>			

<b>Prep Method:</b> 5035	<b>Prep Batch Date/Time:</b> 10/1/19	10:11:00AM
<b>Prep Batch ID:</b> 1117113	<b>Prep Analyst:</b> BPATEL	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
1,3-Dichloropropane	SW8260B	100	230	1200	ND		ug/Kg	10/01/19	18:04	BP	442837
1,2-Dibromoethane	SW8260B	100	220	1200	ND		ug/Kg	10/01/19	18:04	BP	442837
Chlorobenzene	SW8260B	100	220	1200	ND		ug/Kg	10/01/19	18:04	BP	442837
Ethylbenzene	SW8260B	100	200	1200	ND		ug/Kg	10/01/19	18:04	BP	442837
1,1,1,2-Tetrachloroethane	SW8260B	100	240	1200	ND		ug/Kg	10/01/19	18:04	BP	442837
m,p-Xylene	SW8260B	100	390	1200	ND		ug/Kg	10/01/19	18:04	BP	442837
o-Xylene	SW8260B	100	210	1200	ND		ug/Kg	10/01/19	18:04	BP	442837
Styrene	SW8260B	100	200	1200	ND		ug/Kg	10/01/19	18:04	BP	442837
Bromoforn	SW8260B	100	210	1200	ND		ug/Kg	10/01/19	18:04	BP	442837
Isopropyl Benzene	SW8260B	100	200	1200	ND		ug/Kg	10/01/19	18:04	BP	442837
n-Propylbenzene	SW8260B	100	190	1200	ND		ug/Kg	10/01/19	18:04	BP	442837
Bromobenzene	SW8260B	100	220	1200	ND		ug/Kg	10/01/19	18:04	BP	442837
1,1,2,2-Tetrachloroethane	SW8260B	100	240	1200	ND		ug/Kg	10/01/19	18:04	BP	442837
2-Chlorotoluene	SW8260B	100	220	1200	ND		ug/Kg	10/01/19	18:04	BP	442837
1,3,5-Trimethylbenzene	SW8260B	100	190	1200	ND		ug/Kg	10/01/19	18:04	BP	442837
1,2,3-Trichloropropane	SW8260B	100	230	1200	ND		ug/Kg	10/01/19	18:04	BP	442837
4-Chlorotoluene	SW8260B	100	200	1200	ND		ug/Kg	10/01/19	18:04	BP	442837
tert-Butylbenzene	SW8260B	100	200	1200	ND		ug/Kg	10/01/19	18:04	BP	442837
1,2,4-Trimethylbenzene	SW8260B	100	170	1200	ND		ug/Kg	10/01/19	18:04	BP	442837
sec-Butyl Benzene	SW8260B	100	190	1200	ND		ug/Kg	10/01/19	18:04	BP	442837
p-Isopropyltoluene	SW8260B	100	180	1200	ND		ug/Kg	10/01/19	18:04	BP	442837
1,3-Dichlorobenzene	SW8260B	100	210	1200	ND		ug/Kg	10/01/19	18:04	BP	442837
1,4-Dichlorobenzene	SW8260B	100	210	1200	ND		ug/Kg	10/01/19	18:04	BP	442837
n-Butylbenzene	SW8260B	100	180	1200	ND		ug/Kg	10/01/19	18:04	BP	442837
1,2-Dichlorobenzene	SW8260B	100	220	1200	ND		ug/Kg	10/01/19	18:04	BP	442837
1,2-Dibromo-3-Chloropropane	SW8260B	100	230	1200	ND		ug/Kg	10/01/19	18:04	BP	442837
Hexachlorobutadiene	SW8260B	100	170	1200	ND		ug/Kg	10/01/19	18:04	BP	442837
1,2,4-Trichlorobenzene	SW8260B	100	180	1200	ND		ug/Kg	10/01/19	18:04	BP	442837
Naphthalene	SW8260B	100	210	1200	ND		ug/Kg	10/01/19	18:04	BP	442837
1,2,3-Trichlorobenzene	SW8260B	100	210	1200	ND		ug/Kg	10/01/19	18:04	BP	442837
2-Butanone	SW8260B	100	280	1200	ND		ug/Kg	10/01/19	18:04	BP	442837
(S) Dibromofluoromethane	SW8260B		59.8 - 148		<b>105</b>		%	10/01/19	18:04	BP	442837
(S) Toluene-d8	SW8260B		55.2 - 133		<b>96.9</b>		%	10/01/19	18:04	BP	442837
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		<b>103</b>		%	10/01/19	18:04	BP	442837

**NOTE:** Methanol Extracted - The reporting limits were raised due to the high concentration of non-target heavy end compounds



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/28/19, 4:40 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-1(0-0.5)	<b>Lab Sample ID:</b>	1909254-001B
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/28/19 / 14:19		
<b>SDG:</b>			

<b>Prep Method:</b> 5035GRO	<b>Prep Batch Date/Time:</b> 10/1/19 10:11:00AM
<b>Prep Batch ID:</b> 1117114	<b>Prep Analyst:</b> BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH(Gasoline)	8260TPH	100	5300	12000	<b>75500</b>	x	ug/Kg	10/01/19	18:04	BP	442837
(S) 4-Bromofluorobenzene	8260TPH		43.9 - 127		<b>104</b>		%	10/01/19	18:04	BP	442837

**NOTE:** x – Does not match pattern of reference Gasoline standard. Reported value due to contribution from non-target heavy hydrocarbons in the C5-C12 Gasoline quantitation range.



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/28/19, 4:40 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-1(0.5-1)	<b>Lab Sample ID:</b>	1909254-002A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/28/19 / 14:34		
<b>SDG:</b>			

<b>Prep Method:</b> 7471BP	<b>Prep Batch Date/Time:</b> 9/30/19	5:30:00PM
<b>Prep Batch ID:</b> 1117035	<b>Prep Analyst:</b> IRNAZ	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Mercury	SW7471B	1	0.096	0.58	ND		mg/Kg	10/01/19	10:26	BJAY	442816





## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/28/19, 4:40 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-1(0.5-1)	<b>Lab Sample ID:</b>	1909254-002A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/28/19 / 14:34		
<b>SDG:</b>			

<b>Prep Method:</b> 3050B	<b>Prep Batch Date/Time:</b> 9/30/19	5:15:00PM
<b>Prep Batch ID:</b> 1117036	<b>Prep Analyst:</b> IRNAZ	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Antimony	SW6010B	1	0.058	5.75	ND		mg/Kg	10/01/19	12:54	PPATEL	442796
Arsenic	SW6010B	1	0.17	1.50	<b>6.90</b>		mg/Kg	10/01/19	12:54	PPATEL	442796
Barium	SW6010B	1	0.063	5.75	<b>185</b>		mg/Kg	10/01/19	12:54	PPATEL	442796
Beryllium	SW6010B	1	0.063	5.75	ND		mg/Kg	10/01/19	12:54	PPATEL	442796
Cadmium	SW6010B	1	0.12	5.75	ND		mg/Kg	10/01/19	12:54	PPATEL	442796
Chromium	SW6010B	1	0.086	5.75	<b>69.0</b>		mg/Kg	10/01/19	12:54	PPATEL	442796
Cobalt	SW6010B	1	0.081	5.75	<b>15.9</b>		mg/Kg	10/01/19	12:54	PPATEL	442796
Copper	SW6010B	1	0.23	5.75	<b>49.5</b>		mg/Kg	10/01/19	12:54	PPATEL	442796
Lead	SW6010B	1	0.12	3.45	<b>59.2</b>		mg/Kg	10/01/19	12:54	PPATEL	442796
Molybdenum	SW6010B	1	0.058	5.75	ND		mg/Kg	10/01/19	12:54	PPATEL	442796
Nickel	SW6010B	1	0.58	5.75	<b>133</b>		mg/Kg	10/01/19	12:54	PPATEL	442796
Selenium	SW6010B	1	0.25	5.75	ND		mg/Kg	10/01/19	12:54	PPATEL	442796
Silver	SW6010B	1	0.17	5.75	ND		mg/Kg	10/01/19	12:54	PPATEL	442796
Thallium	SW6010B	1	0.63	5.75	ND		mg/Kg	10/01/19	12:54	PPATEL	442796
Vanadium	SW6010B	1	0.12	5.75	<b>39.6</b>		mg/Kg	10/01/19	12:54	PPATEL	442796
Zinc	SW6010B	1	0.35	5.75	<b>97.2</b>		mg/Kg	10/01/19	12:54	PPATEL	442796



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/28/19, 4:40 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-1(0.5-1)	<b>Lab Sample ID:</b>	1909254-002A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/28/19 / 14:34		
<b>SDG:</b>			

<b>Prep Method:</b> WET/3010B	<b>Prep Batch Date/Time:</b> 10/10/19	3:50:00PM
<b>Prep Batch ID:</b> 1117290	<b>Prep Analyst:</b> BJAY	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Chromium (STLC)	SW6010B	1	0.010	0.20	<b>0.340</b>		mg/L	10/10/19	19:06	PPATEL	443035
Lead (STLC)	SW6010B	1	0.050	0.20	<b>6.33</b>		mg/L	10/10/19	19:06	PPATEL	443035



### SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/28/19, 4:40 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-1(0.5-1)	<b>Lab Sample ID:</b>	1909254-002A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/28/19 / 14:34		
<b>SDG:</b>			

<b>Prep Method:</b> 1311/3010B	<b>Prep Batch Date/Time:</b> 10/24/19	1:40:00PM
<b>Prep Batch ID:</b> 1117656	<b>Prep Analyst:</b> VTSUI	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Lead (TCLP)	SW6010B	1	0.050	0.20	ND		mg/L	10/24/19	19:25	PPATEL	443377



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/28/19, 4:40 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-1(0.5-1)	<b>Lab Sample ID:</b>	1909254-002A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/28/19 / 14:34		
<b>SDG:</b>			

<b>Prep Method:</b> 3546_PAHSIM	<b>Prep Batch Date/Time:</b> 10/1/19 10:26:00AM
<b>Prep Batch ID:</b> 1117039	<b>Prep Analyst:</b> SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
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*The results shown below are reported using their MDL.*

Naphthalene	SW8270C	2	1.2	9.1	<b>320</b>		ug/Kg	10/01/19	13:45	MT	442817
2-Methylnaphthalene	SW8270C	2	0.52	9.1	<b>740</b>		ug/Kg	10/01/19	13:45	MT	442817
1-Methylnaphthalene	SW8270C	2	0.42	9.1	<b>740</b>		ug/Kg	10/01/19	13:45	MT	442817
Acenaphthylene	SW8270C	2	0.43	9.1	<b>42</b>		ug/Kg	10/01/19	13:45	MT	442817
Acenaphthene	SW8270C	2	0.37	9.1	<b>76</b>		ug/Kg	10/01/19	13:45	MT	442817
Fluorene	SW8270C	2	0.62	9.1	<b>120</b>		ug/Kg	10/01/19	13:45	MT	442817
Phenanthrene	SW8270C	2	1.4	9.1	<b>310</b>		ug/Kg	10/01/19	13:45	MT	442817
Anthracene	SW8270C	2	1.2	9.1	<b>19</b>		ug/Kg	10/01/19	13:45	MT	442817
Fluoranthene	SW8270C	2	1.2	9.1	<b>290</b>		ug/Kg	10/01/19	13:45	MT	442817
Pyrene	SW8270C	2	1.3	9.1	<b>420</b>		ug/Kg	10/01/19	13:45	MT	442817
Benz[a]anthracene	SW8270C	2	1.1	9.1	<b>84</b>		ug/Kg	10/01/19	13:45	MT	442817
Chrysene	SW8270C	2	1.1	9.1	<b>130</b>		ug/Kg	10/01/19	13:45	MT	442817
Benzo[b]fluoranthene	SW8270C	2	0.56	9.1	<b>200</b>		ug/Kg	10/01/19	13:45	MT	442817
Benzo[k]fluoranthene	SW8270C	2	0.52	9.1	<b>54</b>		ug/Kg	10/01/19	13:45	MT	442817
Benzo[a]pyrene	SW8270C	2	0.65	9.1	<b>200</b>		ug/Kg	10/01/19	13:45	MT	442817
Indeno[1,2,3-cd]pyrene	SW8270C	2	0.51	9.1	<b>240</b>		ug/Kg	10/01/19	13:45	MT	442817
Dibenz[a,h]anthracene	SW8270C	2	0.63	9.1	<b>17</b>		ug/Kg	10/01/19	13:45	MT	442817
Benzo[g,h,i]perylene	SW8270C	2	0.62	9.1	<b>240</b>		ug/Kg	10/01/19	13:45	MT	442817
Acceptance Limits											
2-Fluorobiphenyl (S)	SW8270C		45 - 125		<b>85</b>		%	10/01/19	13:45	MT	442817
p-Terphenyl-d14 (S)	SW8270C		30 - 125		<b>81</b>		%	10/01/19	13:45	MT	442817

**NOTE:** Sample diluted due to nature of the matrix (dark, viscous extract)



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/28/19, 4:40 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-1(0.5-1)	<b>Lab Sample ID:</b>	1909254-002A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/28/19 / 14:34		
<b>SDG:</b>			

<b>Prep Method:</b> 3546_PCB	<b>Prep Batch Date/Time:</b> 10/1/19 1:30:00PM
<b>Prep Batch ID:</b> 1117046	<b>Prep Analyst:</b> SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Aroclor1016	SW8082A	1	61	120	ND		ug/Kg	10/01/19	13:55	MK	442798
Aroclor1221	SW8082A	1	5.8	120	ND		ug/Kg	10/01/19	13:55	MK	442798
Aroclor1232	SW8082A	1	20	120	ND		ug/Kg	10/01/19	13:55	MK	442798
Aroclor1242	SW8082A	1	3.5	120	ND		ug/Kg	10/01/19	13:55	MK	442798
Aroclor1248	SW8082A	1	2.3	120	ND		ug/Kg	10/01/19	13:55	MK	442798
Aroclor1254	SW8082A	1	2.3	120	ND		ug/Kg	10/01/19	13:55	MK	442798
Aroclor1260	SW8082A	1	41	120	ND		ug/Kg	10/01/19	13:55	MK	442798
Acceptance Limits											
TCMX (S)	SW8082A		48 - 125		<b>73.0</b>		%	10/01/19	13:55	MK	442798
DCBP (S)	SW8082A		48 - 135		<b>78.0</b>		%	10/01/19	13:55	MK	442798



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/28/19, 4:40 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-1(0.5-1)	<b>Lab Sample ID:</b>	1909254-002A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/28/19 / 14:34		
<b>SDG:</b>			

<b>Prep Method:</b> 3546_OCP	<b>Prep Batch Date/Time:</b> 10/1/19 1:26:00PM
<b>Prep Batch ID:</b> 1117044	<b>Prep Analyst:</b> SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
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*The results shown below are reported using their MDL.*

alpha-BHC	SW8081B	10	1.5	23	ND		ug/Kg	10/01/19	19:36	MK	442844
gamma-BHC (Lindane)	SW8081B	10	1.8	23	ND		ug/Kg	10/01/19	19:36	MK	442844
beta-BHC	SW8081B	10	3.6	23	ND		ug/Kg	10/01/19	19:36	MK	442844
delta-BHC	SW8081B	10	1.8	23	ND		ug/Kg	10/01/19	19:36	MK	442844
Heptachlor	SW8081B	10	1.2	23	ND		ug/Kg	10/01/19	19:36	MK	442844
Aldrin	SW8081B	10	2.2	23	ND		ug/Kg	10/01/19	19:36	MK	442844
Heptachlor Epoxide	SW8081B	10	0.90	23	ND		ug/Kg	10/01/19	19:36	MK	442844
gamma-Chlordane	SW8081B	10	1.9	23	ND		ug/Kg	10/01/19	19:36	MK	442844
alpha-Chlordane	SW8081B	10	2.0	23	ND		ug/Kg	10/01/19	19:36	MK	442844
4,4'-DDE	SW8081B	10	2.2	23	ND		ug/Kg	10/01/19	19:36	MK	442844
Endosulfan I	SW8081B	10	2.1	23	ND		ug/Kg	10/01/19	19:36	MK	442844
Dieldrin	SW8081B	10	1.7	23	ND		ug/Kg	10/01/19	19:36	MK	442844
Endrin	SW8081B	10	2.2	23	ND		ug/Kg	10/01/19	19:36	MK	442844
4,4'-DDD	SW8081B	10	6.5	23	ND		ug/Kg	10/01/19	19:36	MK	442844
Endosulfan II	SW8081B	10	6.6	23	ND		ug/Kg	10/01/19	19:36	MK	442844
4,4'-DDT	SW8081B	10	1.5	23	ND		ug/Kg	10/01/19	19:36	MK	442844
Endrin Aldehyde	SW8081B	10	1.7	23	ND		ug/Kg	10/01/19	19:36	MK	442844
Methoxychlor	SW8081B	10	2.3	23	ND		ug/Kg	10/01/19	19:36	MK	442844
Endosulfan Sulfate	SW8081B	10	1.3	23	ND		ug/Kg	10/01/19	19:36	MK	442844
Endrin Ketone	SW8081B	10	1.1	23	ND		ug/Kg	10/01/19	19:36	MK	442844
Chlordane	SW8081B	10	24	230	ND		ug/Kg	10/01/19	19:36	MK	442844
Toxaphene	SW8081B	10	98	580	ND		ug/Kg	10/01/19	19:36	MK	442844
Acceptance Limits											
TCMX (S)	SW8081B		48 - 125		<b>83.4</b>		%	10/01/19	19:36	MK	442844
DCBP (S)	SW8081B		38 - 135		<b>89.4</b>		%	10/01/19	19:36	MK	442844

**NOTE:** Sample diluted due to nature of the matrix (dark, viscous extract)



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/28/19, 4:40 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-1(0.5-1)	<b>Lab Sample ID:</b>	1909254-002A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/28/19 / 14:34		
<b>SDG:</b>			

<b>Prep Method:</b> % Water-P	<b>Prep Batch Date/Time:</b> 10/4/19	6:50:00PM
<b>Prep Batch ID:</b> 1117182	<b>Prep Analyst:</b> BJAY	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Moisture, Percent	ASTM D2216-90	1	0.050	0.050	14.8		%	10/05/19	12:30	BJAY	442910
Dry Weight Factor	ASTM D2216-90	1	1	1	1.15		-	10/05/19	12:30	BJAY	442910



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/28/19, 4:40 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-1(0.5-1)	<b>Lab Sample ID:</b>	1909254-002A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/28/19 / 14:34		
<b>SDG:</b>			

<b>Prep Method:</b> 3546_BNA	<b>Prep Batch Date/Time:</b> 10/1/19 10:24:00AM
<b>Prep Batch ID:</b> 1117038	<b>Prep Analyst:</b> SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
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*The results shown below are reported using their MDL.*

N-Nitrosodimethylamine	SW8270C	2	108	1660	ND		ug/Kg	10/02/19	19:49	MT	442802
Phenol	SW8270C	2	101	662	ND		ug/Kg	10/02/19	19:49	MT	442802
Bis(2-chloroethyl)ether	SW8270C	2	30.6	331	ND		ug/Kg	10/02/19	19:49	MT	442802
2-Chlorophenol	SW8270C	2	110	662	ND		ug/Kg	10/02/19	19:49	MT	442802
1,3-Dichlorobenzene	SW8270C	2	30.2	331	ND		ug/Kg	10/02/19	19:49	MT	442802
1,4-Dichlorobenzene	SW8270C	2	33.6	331	ND		ug/Kg	10/02/19	19:49	MT	442802
Benzyl Alcohol	SW8270C	2	47.1	662	ND		ug/Kg	10/02/19	19:49	MT	442802
1,2-Dichlorobenzene	SW8270C	2	31.1	331	ND		ug/Kg	10/02/19	19:49	MT	442802
2-Methylphenol (o-Cresol)	SW8270C	2	67.5	662	ND		ug/Kg	10/02/19	19:49	MT	442802
N-Methyl-2-Pyrrolidone (NMP)	SW8270C	2	156	1660	ND		ug/Kg	10/02/19	19:49	MT	442802
3-/4-Methylphenol (p-/m-Cresol)	SW8270C	2	72.0	662	ND		ug/Kg	10/02/19	19:49	MT	442802
N-nitroso-di-n-propylamine	SW8270C	2	30.2	331	ND		ug/Kg	10/02/19	19:49	MT	442802
Hexachloroethane	SW8270C	2	39.2	331	ND		ug/Kg	10/02/19	19:49	MT	442802
Nitrobenzene	SW8270C	2	29.5	331	ND		ug/Kg	10/02/19	19:49	MT	442802
Isophorone	SW8270C	2	28.0	331	ND		ug/Kg	10/02/19	19:49	MT	442802
2-Nitrophenol	SW8270C	2	58.4	662	ND		ug/Kg	10/02/19	19:49	MT	442802
2,4-Dimethylphenol	SW8270C	2	52.5	662	ND		ug/Kg	10/02/19	19:49	MT	442802
Benzoic Acid	SW8270C	2	95.9	662	ND		ug/Kg	10/02/19	19:49	MT	442802
Bis(2-Chloroethoxy)methane	SW8270C	2	22.5	331	ND		ug/Kg	10/02/19	19:49	MT	442802
Bis(2-chloroisopropyl)ether	SW8270C	2	29.0	331	ND		ug/Kg	10/02/19	19:49	MT	442802
2,4-Dichlorophenol	SW8270C	2	90.4	662	ND		ug/Kg	10/02/19	19:49	MT	442802
1,2,4-Trichlorobenzene	SW8270C	2	27.2	331	ND		ug/Kg	10/02/19	19:49	MT	442802
2,6-Dichlorophenol	SW8270C	2	82.3	662	ND		ug/Kg	10/02/19	19:49	MT	442802
Hexachloro-1,3-butadiene	SW8270C	2	19.2	331	ND		ug/Kg	10/02/19	19:49	MT	442802
4-Chloro-3-methylphenol	SW8270C	2	77.7	662	ND		ug/Kg	10/02/19	19:49	MT	442802
Hexachlorocyclopentadiene	SW8270C	2	29.8	331	ND		ug/Kg	10/02/19	19:49	MT	442802
2,4,6-Trichlorophenol	SW8270C	2	82.7	662	ND		ug/Kg	10/02/19	19:49	MT	442802
2,4,5-Trichlorophenol	SW8270C	2	76.8	662	ND		ug/Kg	10/02/19	19:49	MT	442802
2-Chloronaphthalene	SW8270C	2	24.4	331	ND		ug/Kg	10/02/19	19:49	MT	442802
1,4-Dinitrobenzene	SW8270C	2	23.7	331	ND		ug/Kg	10/02/19	19:49	MT	442802
Dimethyl phthalate	SW8270C	2	32.6	1660	ND		ug/Kg	10/02/19	19:49	MT	442802
1,3-Dinitrobenzene	SW8270C	2	23.9	331	ND		ug/Kg	10/02/19	19:49	MT	442802
2,6-Dinitrotoluene	SW8270C	2	26.0	331	ND		ug/Kg	10/02/19	19:49	MT	442802
1,2-Dinitrobenzene	SW8270C	2	36.2	331	ND		ug/Kg	10/02/19	19:49	MT	442802





## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/28/19, 4:40 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-1(0.5-1)	<b>Lab Sample ID:</b>	1909254-002A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/28/19 / 14:34		
<b>SDG:</b>			

<b>Prep Method:</b> 3546_BNA	<b>Prep Batch Date/Time:</b> 10/1/19 10:24:00AM
<b>Prep Batch ID:</b> 1117038	<b>Prep Analyst:</b> SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
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*The results shown below are reported using their MDL.*

2,4-Dinitrophenol	SW8270C	2	178	1660	ND		ug/Kg	10/02/19	19:49	MT	442802
4-Nitrophenol	SW8270C	2	126	1660	ND		ug/Kg	10/02/19	19:49	MT	442802
Dibenzofuran	SW8270C	2	25.8	331	ND		ug/Kg	10/02/19	19:49	MT	442802
2,4-Dinitrotoluene	SW8270C	2	27.8	331	ND		ug/Kg	10/02/19	19:49	MT	442802
2,3,5,6-Tetrachlorophenol	SW8270C	2	63.5	662	ND		ug/Kg	10/02/19	19:49	MT	442802
2,3,4,6-Tetrachlorophenol	SW8270C	2	72.4	662	ND		ug/Kg	10/02/19	19:49	MT	442802
Diethylphthalate	SW8270C	2	31.3	1660	ND		ug/Kg	10/02/19	19:49	MT	442802
4-Chlorophenyl-phenylether	SW8270C	2	21.4	331	ND		ug/Kg	10/02/19	19:49	MT	442802
4,6-Dinitro-2-methylphenol	SW8270C	2	30.8	662	ND		ug/Kg	10/02/19	19:49	MT	442802
Diphenylamine	SW8270C	2	30.0	331	ND		ug/Kg	10/02/19	19:49	MT	442802
4-Bromophenyl-phenylether	SW8270C	2	18.9	331	ND		ug/Kg	10/02/19	19:49	MT	442802
Hexachlorobenzene	SW8270C	2	19.9	331	ND		ug/Kg	10/02/19	19:49	MT	442802
Pentachlorophenol	SW8270C	2	57.5	662	ND		ug/Kg	10/02/19	19:49	MT	442802
Carbazole	SW8270C	2	24.7	331	ND		ug/Kg	10/02/19	19:49	MT	442802
Di-n-butylphthalate	SW8270C	2	31.1	331	ND		ug/Kg	10/02/19	19:49	MT	442802
Benzidine	SW8270C	2	338	331	ND		ug/Kg	10/02/19	19:49	MT	442802
Butylbenzylphthalate	SW8270C	2	48.4	1660	ND		ug/Kg	10/02/19	19:49	MT	442802
Benzo(a)anthracene	SW8270C	2	22.5	331	101	J	ug/Kg	10/02/19	19:49	MT	442802
3,3-Dichlorobenzidine	SW8270C	2	271	331	ND		ug/Kg	10/02/19	19:49	MT	442802
Bis(2-Ethylhexyl)phthalate	SW8270C	2	35.3	1660	ND		ug/Kg	10/02/19	19:49	MT	442802
Di-n-Octylphthalate	SW8270C	2	28.2	331	ND		ug/Kg	10/02/19	19:49	MT	442802
Pyridine	SW8270C	2	101	1660	295	J	ug/Kg	10/02/19	19:49	MT	442802
Acceptance Limits											
2-Fluorophenol (S)	SW8270C		25 - 121		70.7		%	10/02/19	19:49	MT	442802
Phenol-d6 (S)	SW8270C		24 - 113		74.0		%	10/02/19	19:49	MT	442802
2,4,6-Tribromophenol (S)	SW8270C		19 - 122		66.9		%	10/02/19	19:49	MT	442802
2-Fluorobiphenyl (S)	SW8270C		45 - 143		80.2		%	10/02/19	19:49	MT	442802
Nitrobenzene-d5 (S)	SW8270C		23 - 120		74.0		%	10/02/19	19:49	MT	442802
Terphenyl-d14 (S)	SW8270C		18 - 137		91.2		%	10/02/19	19:49	MT	442802

**NOTE:** Sample diluted due to nature of the matrix (dark, viscous extract)



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/28/19, 4:40 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-1(0.5-1)	<b>Lab Sample ID:</b>	1909254-002A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/28/19 / 14:34		
<b>SDG:</b>			

<b>Prep Method:</b> 3546_TPH	<b>Prep Batch Date/Time:</b> 10/1/19 1:20:00PM
<b>Prep Batch ID:</b> 1117043	<b>Prep Analyst:</b> SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel	SW8015B	10	17	40	<b>717</b>		mg/Kg	10/02/19	3:42	MK	442805
TPH as Motor Oil	SW8015B	10	64	200	<b>365</b>		mg/Kg	10/02/19	3:42	MK	442805
Acceptance Limits											
Pentacosane (S)	SW8015B		59 - 129		<b>0.000</b>	D	%	10/02/19	3:42	MK	442805



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/28/19, 4:40 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-1(0.5-1)	<b>Lab Sample ID:</b>	1909254-002B
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/28/19 / 14:34		
<b>SDG:</b>			

<b>Prep Method:</b> 5035	<b>Prep Batch Date/Time:</b> 10/1/19 10:11:00AM
<b>Prep Batch ID:</b> 1117113	<b>Prep Analyst:</b> BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	SW8260B	100	120	970	ND		ug/Kg	10/01/19	18:32	BP	442837
Chloromethane	SW8260B	100	180	970	ND		ug/Kg	10/01/19	18:32	BP	442837
Vinyl Chloride	SW8260B	100	200	970	ND		ug/Kg	10/01/19	18:32	BP	442837
Bromomethane	SW8260B	100	260	970	ND		ug/Kg	10/01/19	18:32	BP	442837
Chloroethane	SW8260B	100	290	970	ND		ug/Kg	10/01/19	18:32	BP	442837
Trichlorofluoromethane	SW8260B	100	200	970	ND		ug/Kg	10/01/19	18:32	BP	442837
1,1-Dichloroethene	SW8260B	100	200	970	ND		ug/Kg	10/01/19	18:32	BP	442837
Freon 113	SW8260B	100	180	970	ND		ug/Kg	10/01/19	18:32	BP	442837
Methylene Chloride	SW8260B	100	690	970	ND		ug/Kg	10/01/19	18:32	BP	442837
trans-1,2-Dichloroethene	SW8260B	100	200	970	ND		ug/Kg	10/01/19	18:32	BP	442837
MTBE	SW8260B	100	230	970	ND		ug/Kg	10/01/19	18:32	BP	442837
TBA	SW8260B	100	1100	4900	ND		ug/Kg	10/01/19	18:32	BP	442837
Diisopropyl ether	SW8260B	100	220	970	ND		ug/Kg	10/01/19	18:32	BP	442837
1,1-Dichloroethane	SW8260B	100	220	970	ND		ug/Kg	10/01/19	18:32	BP	442837
Ethyl tert-Butyl ether	SW8260B	100	220	970	ND		ug/Kg	10/01/19	18:32	BP	442837
cis-1,2-Dichloroethene	SW8260B	100	220	970	ND		ug/Kg	10/01/19	18:32	BP	442837
2,2-Dichloropropane	SW8260B	100	190	970	ND		ug/Kg	10/01/19	18:32	BP	442837
Bromochloromethane	SW8260B	100	230	970	ND		ug/Kg	10/01/19	18:32	BP	442837
Chloroform	SW8260B	100	230	970	ND		ug/Kg	10/01/19	18:32	BP	442837
Carbon Tetrachloride	SW8260B	100	200	970	ND		ug/Kg	10/01/19	18:32	BP	442837
1,1,1-Trichloroethane	SW8260B	100	200	970	ND		ug/Kg	10/01/19	18:32	BP	442837
1,1-Dichloropropene	SW8260B	100	190	970	ND		ug/Kg	10/01/19	18:32	BP	442837
Benzene	SW8260B	100	220	970	ND		ug/Kg	10/01/19	18:32	BP	442837
TAME	SW8260B	100	220	970	ND		ug/Kg	10/01/19	18:32	BP	442837
1,2-Dichloroethane	SW8260B	100	230	970	ND		ug/Kg	10/01/19	18:32	BP	442837
Trichloroethylene	SW8260B	100	180	970	ND		ug/Kg	10/01/19	18:32	BP	442837
Dibromomethane	SW8260B	100	180	970	ND		ug/Kg	10/01/19	18:32	BP	442837
1,2-Dichloropropane	SW8260B	100	180	970	ND		ug/Kg	10/01/19	18:32	BP	442837
Bromodichloromethane	SW8260B	100	190	970	ND		ug/Kg	10/01/19	18:32	BP	442837
cis-1,3-Dichloropropene	SW8260B	100	160	970	ND		ug/Kg	10/01/19	18:32	BP	442837
Toluene	SW8260B	100	180	970	ND		ug/Kg	10/01/19	18:32	BP	442837
Tetrachloroethylene	SW8260B	100	160	970	ND		ug/Kg	10/01/19	18:32	BP	442837
trans-1,3-Dichloropropene	SW8260B	100	160	970	ND		ug/Kg	10/01/19	18:32	BP	442837
1,1,2-Trichloroethane	SW8260B	100	180	970	ND		ug/Kg	10/01/19	18:32	BP	442837
Dibromochloromethane	SW8260B	100	180	970	ND		ug/Kg	10/01/19	18:32	BP	442837



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/28/19, 4:40 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-1(0.5-1)	<b>Lab Sample ID:</b>	1909254-002B
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/28/19 / 14:34		
<b>SDG:</b>			

<b>Prep Method:</b> 5035	<b>Prep Batch Date/Time:</b> 10/1/19 10:11:00AM
<b>Prep Batch ID:</b> 1117113	<b>Prep Analyst:</b> BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
1,3-Dichloropropane	SW8260B	100	180	970	ND		ug/Kg	10/01/19	18:32	BP	442837
1,2-Dibromoethane	SW8260B	100	180	970	ND		ug/Kg	10/01/19	18:32	BP	442837
Chlorobenzene	SW8260B	100	180	970	ND		ug/Kg	10/01/19	18:32	BP	442837
Ethylbenzene	SW8260B	100	160	970	ND		ug/Kg	10/01/19	18:32	BP	442837
1,1,1,2-Tetrachloroethane	SW8260B	100	190	970	ND		ug/Kg	10/01/19	18:32	BP	442837
m,p-Xylene	SW8260B	100	310	970	ND		ug/Kg	10/01/19	18:32	BP	442837
o-Xylene	SW8260B	100	170	970	ND		ug/Kg	10/01/19	18:32	BP	442837
Styrene	SW8260B	100	160	970	ND		ug/Kg	10/01/19	18:32	BP	442837
Bromoforn	SW8260B	100	160	970	ND		ug/Kg	10/01/19	18:32	BP	442837
Isopropyl Benzene	SW8260B	100	160	970	ND		ug/Kg	10/01/19	18:32	BP	442837
n-Propylbenzene	SW8260B	100	150	970	ND		ug/Kg	10/01/19	18:32	BP	442837
Bromobenzene	SW8260B	100	170	970	ND		ug/Kg	10/01/19	18:32	BP	442837
1,1,2,2-Tetrachloroethane	SW8260B	100	190	970	ND		ug/Kg	10/01/19	18:32	BP	442837
2-Chlorotoluene	SW8260B	100	170	970	ND		ug/Kg	10/01/19	18:32	BP	442837
1,3,5-Trimethylbenzene	SW8260B	100	150	970	ND		ug/Kg	10/01/19	18:32	BP	442837
1,2,3-Trichloropropane	SW8260B	100	190	970	ND		ug/Kg	10/01/19	18:32	BP	442837
4-Chlorotoluene	SW8260B	100	160	970	ND		ug/Kg	10/01/19	18:32	BP	442837
tert-Butylbenzene	SW8260B	100	160	970	ND		ug/Kg	10/01/19	18:32	BP	442837
1,2,4-Trimethylbenzene	SW8260B	100	130	970	ND		ug/Kg	10/01/19	18:32	BP	442837
sec-Butyl Benzene	SW8260B	100	150	970	ND		ug/Kg	10/01/19	18:32	BP	442837
p-Isopropyltoluene	SW8260B	100	140	970	ND		ug/Kg	10/01/19	18:32	BP	442837
1,3-Dichlorobenzene	SW8260B	100	160	970	ND		ug/Kg	10/01/19	18:32	BP	442837
1,4-Dichlorobenzene	SW8260B	100	170	970	ND		ug/Kg	10/01/19	18:32	BP	442837
n-Butylbenzene	SW8260B	100	140	970	ND		ug/Kg	10/01/19	18:32	BP	442837
1,2-Dichlorobenzene	SW8260B	100	170	970	ND		ug/Kg	10/01/19	18:32	BP	442837
1,2-Dibromo-3-Chloropropane	SW8260B	100	180	970	ND		ug/Kg	10/01/19	18:32	BP	442837
Hexachlorobutadiene	SW8260B	100	130	970	ND		ug/Kg	10/01/19	18:32	BP	442837
1,2,4-Trichlorobenzene	SW8260B	100	140	970	ND		ug/Kg	10/01/19	18:32	BP	442837
Naphthalene	SW8260B	100	160	970	ND		ug/Kg	10/01/19	18:32	BP	442837
1,2,3-Trichlorobenzene	SW8260B	100	160	970	ND		ug/Kg	10/01/19	18:32	BP	442837
2-Butanone	SW8260B	100	220	970	ND		ug/Kg	10/01/19	18:32	BP	442837
(S) Dibromofluoromethane	SW8260B		59.8 - 148		<b>110</b>		%	10/01/19	18:32	BP	442837
(S) Toluene-d8	SW8260B		55.2 - 133		<b>94.1</b>		%	10/01/19	18:32	BP	442837
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		<b>107</b>		%	10/01/19	18:32	BP	442837

**NOTE:** Methanol Extracted - The reporting limits were raised due to the high concentration of non-target heavy end compounds



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/28/19, 4:40 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-1(0.5-1)	<b>Lab Sample ID:</b>	1909254-002B
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/28/19 / 14:34		
<b>SDG:</b>			

<b>Prep Method:</b> 5035GRO	<b>Prep Batch Date/Time:</b> 10/1/19 10:11:00AM
<b>Prep Batch ID:</b> 1117114	<b>Prep Analyst:</b> BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH(Gasoline)	8260TPH	100	4200	9700	<b>152000</b>	x	ug/Kg	10/01/19	18:32	BP	442837
(S) 4-Bromofluorobenzene	8260TPH		43.9 - 127		<b>102</b>		%	10/01/19	18:32	BP	442837

**NOTE:** x – Does not match pattern of reference Gasoline standard. Reported value due to contribution from non-target heavy hydrocarbons in the C5-C12 Gasoline quantitation range.



### SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/28/19, 4:40 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-1(3-3.5)	<b>Lab Sample ID:</b>	1909254-003A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/28/19 / 14:37		
<b>SDG:</b>			

<b>Prep Method:</b> 7471BP	<b>Prep Batch Date/Time:</b> 9/30/19	5:30:00PM
<b>Prep Batch ID:</b> 1117035	<b>Prep Analyst:</b> IRNAZ	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Mercury	SW7471B	1	0.099	0.60	ND		mg/Kg	10/01/19	10:28	BJAY	442816



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/28/19, 4:40 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-1(3-3.5)	<b>Lab Sample ID:</b>	1909254-003A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/28/19 / 14:37		
<b>SDG:</b>			

<b>Prep Method:</b> 3050B	<b>Prep Batch Date/Time:</b> 9/30/19	5:15:00PM
<b>Prep Batch ID:</b> 1117036	<b>Prep Analyst:</b> IRNAZ	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Antimony	SW6010B	1	0.060	5.95	ND		mg/Kg	10/01/19	13:03	PPATEL	442796
Arsenic	SW6010B	1	0.18	1.55	<b>6.25</b>		mg/Kg	10/01/19	13:03	PPATEL	442796
Barium	SW6010B	1	0.065	5.95	<b>233</b>		mg/Kg	10/01/19	13:03	PPATEL	442796
Beryllium	SW6010B	1	0.065	5.95	ND		mg/Kg	10/01/19	13:03	PPATEL	442796
Cadmium	SW6010B	1	0.12	5.95	ND		mg/Kg	10/01/19	13:03	PPATEL	442796
Chromium	SW6010B	1	0.089	5.95	<b>69.0</b>		mg/Kg	10/01/19	13:03	PPATEL	442796
Cobalt	SW6010B	1	0.083	5.95	<b>16.8</b>		mg/Kg	10/01/19	13:03	PPATEL	442796
Copper	SW6010B	1	0.24	5.95	<b>43.9</b>		mg/Kg	10/01/19	13:03	PPATEL	442796
Lead	SW6010B	1	0.12	3.57	<b>15.4</b>		mg/Kg	10/01/19	13:03	PPATEL	442796
Molybdenum	SW6010B	1	0.060	5.95	ND		mg/Kg	10/01/19	13:03	PPATEL	442796
Nickel	SW6010B	1	0.60	5.95	<b>112</b>		mg/Kg	10/01/19	13:03	PPATEL	442796
Selenium	SW6010B	1	0.26	5.95	ND		mg/Kg	10/01/19	13:03	PPATEL	442796
Silver	SW6010B	1	0.18	5.95	ND		mg/Kg	10/01/19	13:03	PPATEL	442796
Thallium	SW6010B	1	0.65	5.95	ND		mg/Kg	10/01/19	13:03	PPATEL	442796
Vanadium	SW6010B	1	0.12	5.95	<b>44.7</b>		mg/Kg	10/01/19	13:03	PPATEL	442796
Zinc	SW6010B	1	0.36	5.95	<b>83.9</b>		mg/Kg	10/01/19	13:03	PPATEL	442796



### SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/28/19, 4:40 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-1(3-3.5)	<b>Lab Sample ID:</b>	1909254-003A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/28/19 / 14:37		
<b>SDG:</b>			

<b>Prep Method:</b> WET/3010B	<b>Prep Batch Date/Time:</b> 10/10/19	3:50:00PM
<b>Prep Batch ID:</b> 1117290	<b>Prep Analyst:</b> BJAY	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Chromium (STLC)	SW6010B	1	0.010	0.20	ND		mg/L	10/10/19	19:10	PPATEL	443035





## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/28/19, 4:40 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-1(3-3.5)	<b>Lab Sample ID:</b>	1909254-003A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/28/19 / 14:37		
<b>SDG:</b>			

<b>Prep Method:</b> 3546_PAHSIM	<b>Prep Batch Date/Time:</b> 10/1/19 10:26:00AM
<b>Prep Batch ID:</b> 1117039	<b>Prep Analyst:</b> SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Naphthalene	SW8270C	1	0.61	4.7	4.9		ug/Kg	10/01/19	14:14	MT	442817
2-Methylnaphthalene	SW8270C	1	0.27	4.7	ND		ug/Kg	10/01/19	14:14	MT	442817
1-Methylnaphthalene	SW8270C	1	0.22	4.7	ND		ug/Kg	10/01/19	14:14	MT	442817
Acenaphthylene	SW8270C	1	0.22	4.7	ND		ug/Kg	10/01/19	14:14	MT	442817
Acenaphthene	SW8270C	1	0.19	4.7	ND		ug/Kg	10/01/19	14:14	MT	442817
Fluorene	SW8270C	1	0.32	4.7	ND		ug/Kg	10/01/19	14:14	MT	442817
Phenanthrene	SW8270C	1	0.71	4.7	ND		ug/Kg	10/01/19	14:14	MT	442817
Anthracene	SW8270C	1	0.63	4.7	ND		ug/Kg	10/01/19	14:14	MT	442817
Fluoranthene	SW8270C	1	0.63	4.7	ND		ug/Kg	10/01/19	14:14	MT	442817
Pyrene	SW8270C	1	0.65	4.7	ND		ug/Kg	10/01/19	14:14	MT	442817
Benz[a]anthracene	SW8270C	1	0.55	4.7	ND		ug/Kg	10/01/19	14:14	MT	442817
Chrysene	SW8270C	1	0.58	4.7	ND		ug/Kg	10/01/19	14:14	MT	442817
Benzo[b]fluoranthene	SW8270C	1	0.29	4.7	ND		ug/Kg	10/01/19	14:14	MT	442817
Benzo[k]fluoranthene	SW8270C	1	0.27	4.7	ND		ug/Kg	10/01/19	14:14	MT	442817
Benzo[a]pyrene	SW8270C	1	0.34	4.7	ND		ug/Kg	10/01/19	14:14	MT	442817
Indeno[1,2,3-cd]pyrene	SW8270C	1	0.26	4.7	ND		ug/Kg	10/01/19	14:14	MT	442817
Dibenz[a,h]anthracene	SW8270C	1	0.33	4.7	ND		ug/Kg	10/01/19	14:14	MT	442817
Benzo[g,h,i]perylene	SW8270C	1	0.32	4.7	ND		ug/Kg	10/01/19	14:14	MT	442817
Acceptance Limits											
2-Fluorobiphenyl (S)	SW8270C		45 - 125		71		%	10/01/19	14:14	MT	442817
p-Terphenyl-d14 (S)	SW8270C		30 - 125		85		%	10/01/19	14:14	MT	442817



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/28/19, 4:40 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-1(3-3.5)	<b>Lab Sample ID:</b>	1909254-003A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/28/19 / 14:37		
<b>SDG:</b>			

<b>Prep Method:</b> 3546_PCB	<b>Prep Batch Date/Time:</b> 10/1/19 1:30:00PM
<b>Prep Batch ID:</b> 1117046	<b>Prep Analyst:</b> SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Aroclor1016	SW8082A	1	63	120	ND		ug/Kg	10/01/19	14:10	MK	442798
Aroclor1221	SW8082A	1	6.0	120	ND		ug/Kg	10/01/19	14:10	MK	442798
Aroclor1232	SW8082A	1	20	120	ND		ug/Kg	10/01/19	14:10	MK	442798
Aroclor1242	SW8082A	1	3.6	120	ND		ug/Kg	10/01/19	14:10	MK	442798
Aroclor1248	SW8082A	1	2.4	120	ND		ug/Kg	10/01/19	14:10	MK	442798
Aroclor1254	SW8082A	1	2.4	120	ND		ug/Kg	10/01/19	14:10	MK	442798
Aroclor1260	SW8082A	1	43	120	ND		ug/Kg	10/01/19	14:10	MK	442798
Acceptance Limits											
TCMX (S)	SW8082A		48 - 125		<b>96.0</b>		%	10/01/19	14:10	MK	442798
DCBP (S)	SW8082A		48 - 135		<b>80.0</b>		%	10/01/19	14:10	MK	442798



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/28/19, 4:40 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-1(3-3.5)	<b>Lab Sample ID:</b>	1909254-003A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/28/19 / 14:37		
<b>SDG:</b>			

<b>Prep Method:</b> 3546_OCP	<b>Prep Batch Date/Time:</b> 10/1/19 1:26:00PM
<b>Prep Batch ID:</b> 1117044	<b>Prep Analyst:</b> SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
alpha-BHC	SW8081B	1	0.15	2.4	ND		ug/Kg	10/01/19	19:49	MK	442844
gamma-BHC (Lindane)	SW8081B	1	0.19	2.4	ND		ug/Kg	10/01/19	19:49	MK	442844
beta-BHC	SW8081B	1	0.38	2.4	ND		ug/Kg	10/01/19	19:49	MK	442844
delta-BHC	SW8081B	1	0.18	2.4	ND		ug/Kg	10/01/19	19:49	MK	442844
Heptachlor	SW8081B	1	0.13	2.4	ND		ug/Kg	10/01/19	19:49	MK	442844
Aldrin	SW8081B	1	0.23	2.4	ND		ug/Kg	10/01/19	19:49	MK	442844
Heptachlor Epoxide	SW8081B	1	0.093	2.4	ND		ug/Kg	10/01/19	19:49	MK	442844
gamma-Chlordane	SW8081B	1	0.19	2.4	ND		ug/Kg	10/01/19	19:49	MK	442844
alpha-Chlordane	SW8081B	1	0.21	2.4	ND		ug/Kg	10/01/19	19:49	MK	442844
4,4'-DDE	SW8081B	1	0.23	2.4	ND		ug/Kg	10/01/19	19:49	MK	442844
Endosulfan I	SW8081B	1	0.22	2.4	ND		ug/Kg	10/01/19	19:49	MK	442844
Dieldrin	SW8081B	1	0.18	2.4	ND		ug/Kg	10/01/19	19:49	MK	442844
Endrin	SW8081B	1	0.22	2.4	ND		ug/Kg	10/01/19	19:49	MK	442844
4,4'-DDD	SW8081B	1	0.67	2.4	ND		ug/Kg	10/01/19	19:49	MK	442844
Endosulfan II	SW8081B	1	0.69	2.4	ND		ug/Kg	10/01/19	19:49	MK	442844
4,4'-DDT	SW8081B	1	0.15	2.4	ND		ug/Kg	10/01/19	19:49	MK	442844
Endrin Aldehyde	SW8081B	1	0.18	2.4	ND		ug/Kg	10/01/19	19:49	MK	442844
Methoxychlor	SW8081B	1	0.24	2.4	ND		ug/Kg	10/01/19	19:49	MK	442844
Endosulfan Sulfate	SW8081B	1	0.14	2.4	ND		ug/Kg	10/01/19	19:49	MK	442844
Endrin Ketone	SW8081B	1	0.11	2.4	ND		ug/Kg	10/01/19	19:49	MK	442844
Chlordane	SW8081B	1	2.5	24	ND		ug/Kg	10/01/19	19:49	MK	442844
Toxaphene	SW8081B	1	10	60	ND		ug/Kg	10/01/19	19:49	MK	442844
Acceptance Limits											
TCMX (S)	SW8081B		48 - 125		91.1		%	10/01/19	19:49	MK	442844
DCBP (S)	SW8081B		38 - 135		90.0		%	10/01/19	19:49	MK	442844



### SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/28/19, 4:40 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-1(3-3.5)	<b>Lab Sample ID:</b>	1909254-003A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/28/19 / 14:37		
<b>SDG:</b>			

<b>Prep Method:</b> % Water-P	<b>Prep Batch Date/Time:</b> 10/4/19	6:50:00PM
<b>Prep Batch ID:</b> 1117182	<b>Prep Analyst:</b> BJAY	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Moisture, Percent	ASTM D2216-90	1	0.050	0.050	19.1		%	10/05/19	12:30	BJAY	442910
Dry Weight Factor	ASTM D2216-90	1	1	1	1.19		-	10/05/19	12:30	BJAY	442910



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/28/19, 4:40 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-1(3-3.5)	<b>Lab Sample ID:</b>	1909254-003A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/28/19 / 14:37		
<b>SDG:</b>			

<b>Prep Method:</b> 3546_BNA	<b>Prep Batch Date/Time:</b> 10/1/19 10:24:00AM
<b>Prep Batch ID:</b> 1117038	<b>Prep Analyst:</b> SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
N-Nitrosodimethylamine	SW8270C	1	55.8	857	ND		ug/Kg	10/02/19	20:19	MT	442802
Phenol	SW8270C	1	52.1	343	ND		ug/Kg	10/02/19	20:19	MT	442802
Bis(2-chloroethyl)ether	SW8270C	1	15.8	171	ND		ug/Kg	10/02/19	20:19	MT	442802
2-Chlorophenol	SW8270C	1	56.8	343	ND		ug/Kg	10/02/19	20:19	MT	442802
1,3-Dichlorobenzene	SW8270C	1	15.6	171	ND		ug/Kg	10/02/19	20:19	MT	442802
1,4-Dichlorobenzene	SW8270C	1	17.4	171	ND		ug/Kg	10/02/19	20:19	MT	442802
Benzyl Alcohol	SW8270C	1	24.4	343	ND		ug/Kg	10/02/19	20:19	MT	442802
1,2-Dichlorobenzene	SW8270C	1	16.1	171	ND		ug/Kg	10/02/19	20:19	MT	442802
2-Methylphenol (o-Cresol)	SW8270C	1	34.9	343	ND		ug/Kg	10/02/19	20:19	MT	442802
N-Methyl-2-Pyrrolidone (NMP)	SW8270C	1	81.0	857	ND		ug/Kg	10/02/19	20:19	MT	442802
3-/4-Methylphenol (p-/m-Cresol)	SW8270C	1	37.3	343	ND		ug/Kg	10/02/19	20:19	MT	442802
N-nitroso-di-n-propylamine	SW8270C	1	15.6	171	ND		ug/Kg	10/02/19	20:19	MT	442802
Hexachloroethane	SW8270C	1	20.3	171	ND		ug/Kg	10/02/19	20:19	MT	442802
Nitrobenzene	SW8270C	1	15.3	171	ND		ug/Kg	10/02/19	20:19	MT	442802
Isophorone	SW8270C	1	14.5	171	ND		ug/Kg	10/02/19	20:19	MT	442802
2-Nitrophenol	SW8270C	1	30.2	343	ND		ug/Kg	10/02/19	20:19	MT	442802
2,4-Dimethylphenol	SW8270C	1	27.1	343	ND		ug/Kg	10/02/19	20:19	MT	442802
Benzoic Acid	SW8270C	1	49.6	343	ND		ug/Kg	10/02/19	20:19	MT	442802
Bis(2-Chloroethoxy)methane	SW8270C	1	11.7	171	ND		ug/Kg	10/02/19	20:19	MT	442802
Bis(2-chloroisopropyl)ether	SW8270C	1	15.0	171	ND		ug/Kg	10/02/19	20:19	MT	442802
2,4-Dichlorophenol	SW8270C	1	46.7	343	ND		ug/Kg	10/02/19	20:19	MT	442802
1,2,4-Trichlorobenzene	SW8270C	1	14.1	171	ND		ug/Kg	10/02/19	20:19	MT	442802
2,6-Dichlorophenol	SW8270C	1	42.6	343	ND		ug/Kg	10/02/19	20:19	MT	442802
Hexachloro-1,3-butadiene	SW8270C	1	9.92	171	ND		ug/Kg	10/02/19	20:19	MT	442802
4-Chloro-3-methylphenol	SW8270C	1	40.2	343	ND		ug/Kg	10/02/19	20:19	MT	442802
Hexachlorocyclopentadiene	SW8270C	1	15.4	171	ND		ug/Kg	10/02/19	20:19	MT	442802
2,4,6-Trichlorophenol	SW8270C	1	42.8	343	ND		ug/Kg	10/02/19	20:19	MT	442802
2,4,5-Trichlorophenol	SW8270C	1	39.7	343	ND		ug/Kg	10/02/19	20:19	MT	442802
2-Chloronaphthalene	SW8270C	1	12.6	171	ND		ug/Kg	10/02/19	20:19	MT	442802
1,4-Dinitrobenzene	SW8270C	1	12.3	171	ND		ug/Kg	10/02/19	20:19	MT	442802
Dimethyl phthalate	SW8270C	1	16.8	857	ND		ug/Kg	10/02/19	20:19	MT	442802
1,3-Dinitrobenzene	SW8270C	1	12.4	171	ND		ug/Kg	10/02/19	20:19	MT	442802
2,6-Dinitrotoluene	SW8270C	1	13.5	171	ND		ug/Kg	10/02/19	20:19	MT	442802
1,2-Dinitrobenzene	SW8270C	1	18.8	171	ND		ug/Kg	10/02/19	20:19	MT	442802
2,4-Dinitrophenol	SW8270C	1	92.3	857	ND		ug/Kg	10/02/19	20:19	MT	442802



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/28/19, 4:40 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-1(3-3.5)	<b>Lab Sample ID:</b>	1909254-003A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/28/19 / 14:37		
<b>SDG:</b>			

<b>Prep Method:</b> 3546_BNA	<b>Prep Batch Date/Time:</b> 10/1/19 10:24:00AM
<b>Prep Batch ID:</b> 1117038	<b>Prep Analyst:</b> SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
4-Nitrophenol	SW8270C	1	65.1	857	ND		ug/Kg	10/02/19	20:19	MT	442802
Dibenzofuran	SW8270C	1	13.4	171	ND		ug/Kg	10/02/19	20:19	MT	442802
2,4-Dinitrotoluene	SW8270C	1	14.4	171	ND		ug/Kg	10/02/19	20:19	MT	442802
2,3,5,6-Tetrachlorophenol	SW8270C	1	32.8	343	ND		ug/Kg	10/02/19	20:19	MT	442802
2,3,4,6-Tetrachlorophenol	SW8270C	1	37.5	343	ND		ug/Kg	10/02/19	20:19	MT	442802
Diethylphthalate	SW8270C	1	16.2	857	ND		ug/Kg	10/02/19	20:19	MT	442802
4-Chlorophenyl-phenylether	SW8270C	1	11.1	171	ND		ug/Kg	10/02/19	20:19	MT	442802
4,6-Dinitro-2-methylphenol	SW8270C	1	15.9	343	ND		ug/Kg	10/02/19	20:19	MT	442802
Diphenylamine	SW8270C	1	15.5	171	ND		ug/Kg	10/02/19	20:19	MT	442802
4-Bromophenyl-phenylether	SW8270C	1	9.79	171	ND		ug/Kg	10/02/19	20:19	MT	442802
Hexachlorobenzene	SW8270C	1	10.3	171	ND		ug/Kg	10/02/19	20:19	MT	442802
Pentachlorophenol	SW8270C	1	29.7	343	ND		ug/Kg	10/02/19	20:19	MT	442802
Carbazole	SW8270C	1	12.8	171	ND		ug/Kg	10/02/19	20:19	MT	442802
Di-n-butylphthalate	SW8270C	1	16.1	171	ND		ug/Kg	10/02/19	20:19	MT	442802
Benzidine	SW8270C	1	175	171	ND		ug/Kg	10/02/19	20:19	MT	442802
Butylbenzylphthalate	SW8270C	1	25.0	857	ND		ug/Kg	10/02/19	20:19	MT	442802
Benzo(a)anthracene	SW8270C	1	11.7	171	ND		ug/Kg	10/02/19	20:19	MT	442802
3,3-Dichlorobenzidine	SW8270C	1	140	171	ND		ug/Kg	10/02/19	20:19	MT	442802
Bis(2-Ethylhexyl)phthalate	SW8270C	1	18.2	857	ND		ug/Kg	10/02/19	20:19	MT	442802
Di-n-Octylphthalate	SW8270C	1	14.6	171	ND		ug/Kg	10/02/19	20:19	MT	442802
Pyridine	SW8270C	1	52.1	857	ND		ug/Kg	10/02/19	20:19	MT	442802
Acceptance Limits											
2-Fluorophenol (S)	SW8270C		25 - 121		<b>61.8</b>		%	10/02/19	20:19	MT	442802
Phenol-d6 (S)	SW8270C		24 - 113		<b>74.1</b>		%	10/02/19	20:19	MT	442802
2,4,6-Tribromophenol (S)	SW8270C		19 - 122		<b>67.0</b>		%	10/02/19	20:19	MT	442802
2-Fluorobiphenyl (S)	SW8270C		45 - 143		<b>74.3</b>		%	10/02/19	20:19	MT	442802
Nitrobenzene-d5 (S)	SW8270C		23 - 120		<b>72.5</b>		%	10/02/19	20:19	MT	442802
Terphenyl-d14 (S)	SW8270C		18 - 137		<b>87.0</b>		%	10/02/19	20:19	MT	442802



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/28/19, 4:40 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-1(3-3.5)	<b>Lab Sample ID:</b>	1909254-003A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/28/19 / 14:37		
<b>SDG:</b>			

<b>Prep Method:</b> 3546_TPH	<b>Prep Batch Date/Time:</b> 10/1/19 1:20:00PM
<b>Prep Batch ID:</b> 1117043	<b>Prep Analyst:</b> SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel	SW8015B	1	0.85	2.0	<b>2.01</b>	x	mg/Kg	10/01/19	17:56	MK	442805
TPH as Motor Oil	SW8015B	1	3.2	10	ND		mg/Kg	10/01/19	17:56	MK	442805
Acceptance Limits											
Pentacosane (S)	SW8015B		59 - 129		<b>82.0</b>		%	10/01/19	17:56	MK	442805

**NOTE:** x-not typical of Diesel ref. std: peaks within Diesel range quantified as diesel



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/28/19, 4:40 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-1(3-3.5)	<b>Lab Sample ID:</b>	1909254-003B
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/28/19 / 14:37		
<b>SDG:</b>			

<b>Prep Method:</b> 5035	<b>Prep Batch Date/Time:</b> 9/30/19 9:17:00AM
<b>Prep Batch ID:</b> 1117117	<b>Prep Analyst:</b> BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	SW8260B	1	1.2	9.8	ND		ug/Kg	09/30/19	18:00	BP	442843
Chloromethane	SW8260B	1	1.8	9.8	ND		ug/Kg	09/30/19	18:00	BP	442843
Vinyl Chloride	SW8260B	1	2.0	9.8	ND		ug/Kg	09/30/19	18:00	BP	442843
Bromomethane	SW8260B	1	2.6	9.8	ND		ug/Kg	09/30/19	18:00	BP	442843
Chloroethane	SW8260B	1	2.9	9.8	ND		ug/Kg	09/30/19	18:00	BP	442843
Trichlorofluoromethane	SW8260B	1	2.0	9.8	ND		ug/Kg	09/30/19	18:00	BP	442843
1,1-Dichloroethene	SW8260B	1	2.0	9.8	ND		ug/Kg	09/30/19	18:00	BP	442843
Freon 113	SW8260B	1	1.8	9.8	ND		ug/Kg	09/30/19	18:00	BP	442843
Methylene Chloride	SW8260B	1	6.9	9.8	ND		ug/Kg	09/30/19	18:00	BP	442843
trans-1,2-Dichloroethene	SW8260B	1	2.0	9.8	ND		ug/Kg	09/30/19	18:00	BP	442843
MTBE	SW8260B	1	2.3	9.8	ND		ug/Kg	09/30/19	18:00	BP	442843
TBA	SW8260B	1	11	49	ND		ug/Kg	09/30/19	18:00	BP	442843
Diisopropyl ether	SW8260B	1	2.2	9.8	ND		ug/Kg	09/30/19	18:00	BP	442843
1,1-Dichloroethane	SW8260B	1	2.2	9.8	ND		ug/Kg	09/30/19	18:00	BP	442843
Ethyl tert-Butyl ether	SW8260B	1	2.2	9.8	ND		ug/Kg	09/30/19	18:00	BP	442843
cis-1,2-Dichloroethene	SW8260B	1	2.2	9.8	ND		ug/Kg	09/30/19	18:00	BP	442843
2,2-Dichloropropane	SW8260B	1	1.9	9.8	ND		ug/Kg	09/30/19	18:00	BP	442843
Bromochloromethane	SW8260B	1	2.3	9.8	ND		ug/Kg	09/30/19	18:00	BP	442843
Chloroform	SW8260B	1	2.3	9.8	ND		ug/Kg	09/30/19	18:00	BP	442843
Carbon Tetrachloride	SW8260B	1	2.0	9.8	ND		ug/Kg	09/30/19	18:00	BP	442843
1,1,1-Trichloroethane	SW8260B	1	2.0	9.8	ND		ug/Kg	09/30/19	18:00	BP	442843
1,1-Dichloropropene	SW8260B	1	1.9	9.8	ND		ug/Kg	09/30/19	18:00	BP	442843
Benzene	SW8260B	1	2.2	9.8	ND		ug/Kg	09/30/19	18:00	BP	442843
TAME	SW8260B	1	2.2	9.8	ND		ug/Kg	09/30/19	18:00	BP	442843
1,2-Dichloroethane	SW8260B	1	2.3	9.8	ND		ug/Kg	09/30/19	18:00	BP	442843
Trichloroethylene	SW8260B	1	1.8	9.8	ND		ug/Kg	09/30/19	18:00	BP	442843
Dibromomethane	SW8260B	1	1.8	9.8	ND		ug/Kg	09/30/19	18:00	BP	442843
1,2-Dichloropropane	SW8260B	1	1.8	9.8	ND		ug/Kg	09/30/19	18:00	BP	442843
Bromodichloromethane	SW8260B	1	1.9	9.8	ND		ug/Kg	09/30/19	18:00	BP	442843
cis-1,3-Dichloropropene	SW8260B	1	1.6	9.8	ND		ug/Kg	09/30/19	18:00	BP	442843
Toluene	SW8260B	1	1.8	9.8	ND		ug/Kg	09/30/19	18:00	BP	442843
Tetrachloroethylene	SW8260B	1	1.6	9.8	ND		ug/Kg	09/30/19	18:00	BP	442843
trans-1,3-Dichloropropene	SW8260B	1	1.6	9.8	ND		ug/Kg	09/30/19	18:00	BP	442843
1,1,2-Trichloroethane	SW8260B	1	1.8	9.8	ND		ug/Kg	09/30/19	18:00	BP	442843
Dibromochloromethane	SW8260B	1	1.8	9.8	ND		ug/Kg	09/30/19	18:00	BP	442843





## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/28/19, 4:40 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-1(3-3.5)	<b>Lab Sample ID:</b>	1909254-003B
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/28/19 / 14:37		
<b>SDG:</b>			

<b>Prep Method:</b> 5035	<b>Prep Batch Date/Time:</b> 9/30/19	9:17:00AM
<b>Prep Batch ID:</b> 1117117	<b>Prep Analyst:</b> BPATEL	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
1,3-Dichloropropane	SW8260B	1	1.8	9.8	ND		ug/Kg	09/30/19	18:00	BP	442843
1,2-Dibromoethane	SW8260B	1	1.8	9.8	ND		ug/Kg	09/30/19	18:00	BP	442843
Chlorobenzene	SW8260B	1	1.8	9.8	ND		ug/Kg	09/30/19	18:00	BP	442843
Ethylbenzene	SW8260B	1	1.6	9.8	ND		ug/Kg	09/30/19	18:00	BP	442843
1,1,1,2-Tetrachloroethane	SW8260B	1	1.9	9.8	ND		ug/Kg	09/30/19	18:00	BP	442843
m,p-Xylene	SW8260B	1	3.1	9.8	ND		ug/Kg	09/30/19	18:00	BP	442843
o-Xylene	SW8260B	1	1.7	9.8	ND		ug/Kg	09/30/19	18:00	BP	442843
Styrene	SW8260B	1	1.6	9.8	ND		ug/Kg	09/30/19	18:00	BP	442843
Bromoforn	SW8260B	1	1.6	9.8	ND		ug/Kg	09/30/19	18:00	BP	442843
Isopropyl Benzene	SW8260B	1	1.6	9.8	ND		ug/Kg	09/30/19	18:00	BP	442843
n-Propylbenzene	SW8260B	1	1.5	9.8	ND		ug/Kg	09/30/19	18:00	BP	442843
Bromobenzene	SW8260B	1	1.7	9.8	ND		ug/Kg	09/30/19	18:00	BP	442843
1,1,2,2-Tetrachloroethane	SW8260B	1	1.9	9.8	ND		ug/Kg	09/30/19	18:00	BP	442843
2-Chlorotoluene	SW8260B	1	1.7	9.8	ND		ug/Kg	09/30/19	18:00	BP	442843
1,3,5-Trimethylbenzene	SW8260B	1	1.5	9.8	ND		ug/Kg	09/30/19	18:00	BP	442843
1,2,3-Trichloropropane	SW8260B	1	1.9	9.8	ND		ug/Kg	09/30/19	18:00	BP	442843
4-Chlorotoluene	SW8260B	1	1.6	9.8	ND		ug/Kg	09/30/19	18:00	BP	442843
tert-Butylbenzene	SW8260B	1	1.6	9.8	ND		ug/Kg	09/30/19	18:00	BP	442843
1,2,4-Trimethylbenzene	SW8260B	1	1.3	9.8	ND		ug/Kg	09/30/19	18:00	BP	442843
sec-Butyl Benzene	SW8260B	1	1.5	9.8	ND		ug/Kg	09/30/19	18:00	BP	442843
p-Isopropyltoluene	SW8260B	1	1.4	9.8	ND		ug/Kg	09/30/19	18:00	BP	442843
1,3-Dichlorobenzene	SW8260B	1	1.6	9.8	ND		ug/Kg	09/30/19	18:00	BP	442843
1,4-Dichlorobenzene	SW8260B	1	1.7	9.8	ND		ug/Kg	09/30/19	18:00	BP	442843
n-Butylbenzene	SW8260B	1	1.4	9.8	ND		ug/Kg	09/30/19	18:00	BP	442843
1,2-Dichlorobenzene	SW8260B	1	1.7	9.8	ND		ug/Kg	09/30/19	18:00	BP	442843
1,2-Dibromo-3-Chloropropane	SW8260B	1	1.8	9.8	ND		ug/Kg	09/30/19	18:00	BP	442843
Hexachlorobutadiene	SW8260B	1	1.3	9.8	ND		ug/Kg	09/30/19	18:00	BP	442843
1,2,4-Trichlorobenzene	SW8260B	1	1.4	9.8	ND		ug/Kg	09/30/19	18:00	BP	442843
Naphthalene	SW8260B	1	1.6	9.8	ND		ug/Kg	09/30/19	18:00	BP	442843
1,2,3-Trichlorobenzene	SW8260B	1	1.6	9.8	ND		ug/Kg	09/30/19	18:00	BP	442843
2-Butanone	SW8260B	1	2.2	9.8	ND		ug/Kg	09/30/19	18:00	BP	442843
(S) Dibromofluoromethane	SW8260B		59.8 - 148		<b>98.3</b>		%	09/30/19	18:00	BP	442843
(S) Toluene-d8	SW8260B		55.2 - 133		<b>103</b>		%	09/30/19	18:00	BP	442843
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		<b>97.7</b>		%	09/30/19	18:00	BP	442843



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/28/19, 4:40 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-1(3-3.5)	<b>Lab Sample ID:</b>	1909254-003B
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/28/19 / 14:37		
<b>SDG:</b>			

<b>Prep Method:</b> 5035GRO	<b>Prep Batch Date/Time:</b> 9/30/19	9:17:00AM
<b>Prep Batch ID:</b> 1117118	<b>Prep Analyst:</b> BPATEL	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH(Gasoline)	8260TPH	1	42	98	<b>302</b>	x	ug/Kg	09/30/19	18:00	BP	442843
(S) 4-Bromofluorobenzene	8260TPH		43.9 - 127		<b>76.2</b>		%	09/30/19	18:00	BP	442843

**NOTE:** x – Does not match pattern of reference Gasoline standard. Reported value due to contribution from non-target heavy hydrocarbons in the C5-C12 Gasoline quantitation range.



### SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/28/19, 4:40 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-1(4.5-5)	<b>Lab Sample ID:</b>	1909254-004A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/28/19 / 14:39		
<b>SDG:</b>			

<b>Prep Method:</b> 7471BP	<b>Prep Batch Date/Time:</b> 9/30/19	5:30:00PM
<b>Prep Batch ID:</b> 1117035	<b>Prep Analyst:</b> IRNAZ	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Mercury	SW7471B	1	0.097	0.58	ND		mg/Kg	10/01/19	10:30	BJAY	442816



## SAMPLE RESULTS

Report prepared for: Ron Helm  
Cornerstone Earth Group

Date/Time Received: 09/28/19, 4:40 pm  
Date Reported: 10/18/19

Client Sample ID:	EB-1(4.5-5)	Lab Sample ID:	1909254-004A
Project Name/Location:	95 S. Almaden Soil Profiling	Sample Matrix:	Soil
Project Number:	510-29-2		
Date/Time Sampled:	09/28/19 / 14:39		
SDG:			

Prep Method: 3050B	Prep Batch Date/Time: 9/30/19	5:15:00PM
Prep Batch ID: 1117036	Prep Analyst: IRNAZ	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Antimony	SW6010B	1	0.058	5.80	ND		mg/Kg	10/01/19	13:06	PPATEL	442796
Arsenic	SW6010B	1	0.17	1.51	<b>7.60</b>		mg/Kg	10/01/19	13:06	PPATEL	442796
Barium	SW6010B	1	0.064	5.80	<b>281</b>		mg/Kg	10/01/19	13:06	PPATEL	442796
Beryllium	SW6010B	1	0.064	5.80	ND		mg/Kg	10/01/19	13:06	PPATEL	442796
Cadmium	SW6010B	1	0.12	5.80	ND		mg/Kg	10/01/19	13:06	PPATEL	442796
Chromium	SW6010B	1	0.087	5.80	<b>59.7</b>		mg/Kg	10/01/19	13:06	PPATEL	442796
Cobalt	SW6010B	1	0.081	5.80	<b>14.7</b>		mg/Kg	10/01/19	13:06	PPATEL	442796
Copper	SW6010B	1	0.23	5.80	<b>38.4</b>		mg/Kg	10/01/19	13:06	PPATEL	442796
Lead	SW6010B	1	0.12	3.48	<b>13.6</b>		mg/Kg	10/01/19	13:06	PPATEL	442796
Molybdenum	SW6010B	1	0.058	5.80	ND		mg/Kg	10/01/19	13:06	PPATEL	442796
Nickel	SW6010B	1	0.58	5.80	<b>99.8</b>		mg/Kg	10/01/19	13:06	PPATEL	442796
Selenium	SW6010B	1	0.26	5.80	ND		mg/Kg	10/01/19	13:06	PPATEL	442796
Silver	SW6010B	1	0.17	5.80	ND		mg/Kg	10/01/19	13:06	PPATEL	442796
Thallium	SW6010B	1	0.64	5.80	ND		mg/Kg	10/01/19	13:06	PPATEL	442796
Vanadium	SW6010B	1	0.12	5.80	<b>39.4</b>		mg/Kg	10/01/19	13:06	PPATEL	442796
Zinc	SW6010B	1	0.35	5.80	<b>73.7</b>		mg/Kg	10/01/19	13:06	PPATEL	442796



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/28/19, 4:40 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-1(4.5-5)	<b>Lab Sample ID:</b>	1909254-004A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/28/19 / 14:39		
<b>SDG:</b>			

<b>Prep Method:</b> WET/3010B	<b>Prep Batch Date/Time:</b> 10/16/19	1:30:00PM
<b>Prep Batch ID:</b> 1117446	<b>Prep Analyst:</b> IRNAZ	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Chromium (STLC)	SW6010B	1	0.010	0.20	ND		mg/L	10/16/19	17:43	PPATEL	443175



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/28/19, 4:40 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-1(4.5-5)	<b>Lab Sample ID:</b>	1909254-004A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/28/19 / 14:39		
<b>SDG:</b>			

<b>Prep Method:</b> 3546_PAHSIM	<b>Prep Batch Date/Time:</b> 10/1/19 10:26:00AM
<b>Prep Batch ID:</b> 1117039	<b>Prep Analyst:</b> SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Naphthalene	SW8270C	1	0.59	4.6	ND		ug/Kg	10/01/19	14:43	MT	442817
2-Methylnaphthalene	SW8270C	1	0.26	4.6	ND		ug/Kg	10/01/19	14:43	MT	442817
1-Methylnaphthalene	SW8270C	1	0.21	4.6	ND		ug/Kg	10/01/19	14:43	MT	442817
Acenaphthylene	SW8270C	1	0.22	4.6	ND		ug/Kg	10/01/19	14:43	MT	442817
Acenaphthene	SW8270C	1	0.19	4.6	ND		ug/Kg	10/01/19	14:43	MT	442817
Fluorene	SW8270C	1	0.31	4.6	ND		ug/Kg	10/01/19	14:43	MT	442817
Phenanthrene	SW8270C	1	0.69	4.6	ND		ug/Kg	10/01/19	14:43	MT	442817
Anthracene	SW8270C	1	0.62	4.6	ND		ug/Kg	10/01/19	14:43	MT	442817
Fluoranthene	SW8270C	1	0.62	4.6	ND		ug/Kg	10/01/19	14:43	MT	442817
Pyrene	SW8270C	1	0.64	4.6	ND		ug/Kg	10/01/19	14:43	MT	442817
Benz[a]anthracene	SW8270C	1	0.54	4.6	ND		ug/Kg	10/01/19	14:43	MT	442817
Chrysene	SW8270C	1	0.57	4.6	ND		ug/Kg	10/01/19	14:43	MT	442817
Benzo[b]fluoranthene	SW8270C	1	0.28	4.6	ND		ug/Kg	10/01/19	14:43	MT	442817
Benzo[k]fluoranthene	SW8270C	1	0.26	4.6	ND		ug/Kg	10/01/19	14:43	MT	442817
Benzo[a]pyrene	SW8270C	1	0.33	4.6	ND		ug/Kg	10/01/19	14:43	MT	442817
Indeno[1,2,3-cd]pyrene	SW8270C	1	0.26	4.6	ND		ug/Kg	10/01/19	14:43	MT	442817
Dibenz[a,h]anthracene	SW8270C	1	0.32	4.6	ND		ug/Kg	10/01/19	14:43	MT	442817
Benzo[g,h,i]perylene	SW8270C	1	0.31	4.6	ND		ug/Kg	10/01/19	14:43	MT	442817
Acceptance Limits											
2-Fluorobiphenyl (S)	SW8270C		45 - 125		<b>70</b>		%	10/01/19	14:43	MT	442817
p-Terphenyl-d14 (S)	SW8270C		30 - 125		<b>84</b>		%	10/01/19	14:43	MT	442817



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/28/19, 4:40 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-1(4.5-5)	<b>Lab Sample ID:</b>	1909254-004A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/28/19 / 14:39		
<b>SDG:</b>			

<b>Prep Method:</b> 3546_PCB	<b>Prep Batch Date/Time:</b> 10/1/19 1:30:00PM
<b>Prep Batch ID:</b> 1117046	<b>Prep Analyst:</b> SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Aroclor1016	SW8082A	1	61	120	ND		ug/Kg	10/01/19	14:25	MK	442798
Aroclor1221	SW8082A	1	5.8	120	ND		ug/Kg	10/01/19	14:25	MK	442798
Aroclor1232	SW8082A	1	20	120	ND		ug/Kg	10/01/19	14:25	MK	442798
Aroclor1242	SW8082A	1	3.5	120	ND		ug/Kg	10/01/19	14:25	MK	442798
Aroclor1248	SW8082A	1	2.3	120	ND		ug/Kg	10/01/19	14:25	MK	442798
Aroclor1254	SW8082A	1	2.3	120	ND		ug/Kg	10/01/19	14:25	MK	442798
Aroclor1260	SW8082A	1	42	120	ND		ug/Kg	10/01/19	14:25	MK	442798
Acceptance Limits											
TCMX (S)	SW8082A		48 - 125		<b>97.0</b>		%	10/01/19	14:25	MK	442798
DCBP (S)	SW8082A		48 - 135		<b>82.0</b>		%	10/01/19	14:25	MK	442798



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/28/19, 4:40 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-1(4.5-5)	<b>Lab Sample ID:</b>	1909254-004A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/28/19 / 14:39		
<b>SDG:</b>			

<b>Prep Method:</b> 3546_OCP	<b>Prep Batch Date/Time:</b> 10/1/19 1:26:00PM
<b>Prep Batch ID:</b> 1117044	<b>Prep Analyst:</b> SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
alpha-BHC	SW8081B	1	0.15	2.3	ND		ug/Kg	10/01/19	20:03	MK	442844
gamma-BHC (Lindane)	SW8081B	1	0.18	2.3	ND		ug/Kg	10/01/19	20:03	MK	442844
beta-BHC	SW8081B	1	0.37	2.3	ND		ug/Kg	10/01/19	20:03	MK	442844
delta-BHC	SW8081B	1	0.18	2.3	ND		ug/Kg	10/01/19	20:03	MK	442844
Heptachlor	SW8081B	1	0.12	2.3	ND		ug/Kg	10/01/19	20:03	MK	442844
Aldrin	SW8081B	1	0.23	2.3	ND		ug/Kg	10/01/19	20:03	MK	442844
Heptachlor Epoxide	SW8081B	1	0.090	2.3	ND		ug/Kg	10/01/19	20:03	MK	442844
gamma-Chlordane	SW8081B	1	0.19	2.3	ND		ug/Kg	10/01/19	20:03	MK	442844
alpha-Chlordane	SW8081B	1	0.20	2.3	ND		ug/Kg	10/01/19	20:03	MK	442844
4,4'-DDE	SW8081B	1	0.23	2.3	ND		ug/Kg	10/01/19	20:03	MK	442844
Endosulfan I	SW8081B	1	0.21	2.3	ND		ug/Kg	10/01/19	20:03	MK	442844
Dieldrin	SW8081B	1	0.17	2.3	ND		ug/Kg	10/01/19	20:03	MK	442844
Endrin	SW8081B	1	0.22	2.3	ND		ug/Kg	10/01/19	20:03	MK	442844
4,4'-DDD	SW8081B	1	0.66	2.3	ND		ug/Kg	10/01/19	20:03	MK	442844
Endosulfan II	SW8081B	1	0.67	2.3	ND		ug/Kg	10/01/19	20:03	MK	442844
4,4'-DDT	SW8081B	1	0.15	2.3	ND		ug/Kg	10/01/19	20:03	MK	442844
Endrin Aldehyde	SW8081B	1	0.18	2.3	ND		ug/Kg	10/01/19	20:03	MK	442844
Methoxychlor	SW8081B	1	0.23	2.3	ND		ug/Kg	10/01/19	20:03	MK	442844
Endosulfan Sulfate	SW8081B	1	0.14	2.3	ND		ug/Kg	10/01/19	20:03	MK	442844
Endrin Ketone	SW8081B	1	0.11	2.3	ND		ug/Kg	10/01/19	20:03	MK	442844
Chlordane	SW8081B	1	2.4	23	ND		ug/Kg	10/01/19	20:03	MK	442844
Toxaphene	SW8081B	1	9.9	58	ND		ug/Kg	10/01/19	20:03	MK	442844
Acceptance Limits											
TCMX (S)	SW8081B		48 - 125		<b>91.5</b>		%	10/01/19	20:03	MK	442844
DCBP (S)	SW8081B		38 - 135		<b>91.0</b>		%	10/01/19	20:03	MK	442844





## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/28/19, 4:40 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-1(4.5-5)	<b>Lab Sample ID:</b>	1909254-004A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/28/19 / 14:39		
<b>SDG:</b>			

<b>Prep Method:</b> % Water-P	<b>Prep Batch Date/Time:</b> 10/4/19	6:50:00PM
<b>Prep Batch ID:</b> 1117182	<b>Prep Analyst:</b> BJAY	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Moisture, Percent	ASTM D2216-90	1	0.050	0.050	15.6		%	10/05/19	12:30	BJAY	442910
Dry Weight Factor	ASTM D2216-90	1	1	1	1.16		-	10/05/19	12:30	BJAY	442910



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/28/19, 4:40 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-1(4.5-5)	<b>Lab Sample ID:</b>	1909254-004A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/28/19 / 14:39		
<b>SDG:</b>			

<b>Prep Method:</b> 3546_BNA	<b>Prep Batch Date/Time:</b> 10/1/19 10:24:00AM
<b>Prep Batch ID:</b> 1117038	<b>Prep Analyst:</b> SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
N-Nitrosodimethylamine	SW8270C	1	54.4	835	ND		ug/Kg	10/02/19	20:49	MT	442802
Phenol	SW8270C	1	50.8	334	ND		ug/Kg	10/02/19	20:49	MT	442802
Bis(2-chloroethyl)ether	SW8270C	1	15.4	167	ND		ug/Kg	10/02/19	20:49	MT	442802
2-Chlorophenol	SW8270C	1	55.3	334	ND		ug/Kg	10/02/19	20:49	MT	442802
1,3-Dichlorobenzene	SW8270C	1	15.2	167	ND		ug/Kg	10/02/19	20:49	MT	442802
1,4-Dichlorobenzene	SW8270C	1	17.0	167	ND		ug/Kg	10/02/19	20:49	MT	442802
Benzyl Alcohol	SW8270C	1	23.7	334	ND		ug/Kg	10/02/19	20:49	MT	442802
1,2-Dichlorobenzene	SW8270C	1	15.7	167	ND		ug/Kg	10/02/19	20:49	MT	442802
2-Methylphenol (o-Cresol)	SW8270C	1	34.0	334	ND		ug/Kg	10/02/19	20:49	MT	442802
N-Methyl-2-Pyrrolidone (NMP)	SW8270C	1	78.9	835	ND		ug/Kg	10/02/19	20:49	MT	442802
3-/4-Methylphenol (p-/m-Cresol)	SW8270C	1	36.3	334	ND		ug/Kg	10/02/19	20:49	MT	442802
N-nitroso-di-n-propylamine	SW8270C	1	15.3	167	ND		ug/Kg	10/02/19	20:49	MT	442802
Hexachloroethane	SW8270C	1	19.8	167	ND		ug/Kg	10/02/19	20:49	MT	442802
Nitrobenzene	SW8270C	1	14.9	167	ND		ug/Kg	10/02/19	20:49	MT	442802
Isophorone	SW8270C	1	14.1	167	ND		ug/Kg	10/02/19	20:49	MT	442802
2-Nitrophenol	SW8270C	1	29.4	334	ND		ug/Kg	10/02/19	20:49	MT	442802
2,4-Dimethylphenol	SW8270C	1	26.5	334	ND		ug/Kg	10/02/19	20:49	MT	442802
Benzoic Acid	SW8270C	1	48.4	334	ND		ug/Kg	10/02/19	20:49	MT	442802
Bis(2-Chloroethoxy)methane	SW8270C	1	11.4	167	ND		ug/Kg	10/02/19	20:49	MT	442802
Bis(2-chloroisopropyl)ether	SW8270C	1	14.6	167	ND		ug/Kg	10/02/19	20:49	MT	442802
2,4-Dichlorophenol	SW8270C	1	45.6	334	ND		ug/Kg	10/02/19	20:49	MT	442802
1,2,4-Trichlorobenzene	SW8270C	1	13.7	167	ND		ug/Kg	10/02/19	20:49	MT	442802
2,6-Dichlorophenol	SW8270C	1	41.5	334	ND		ug/Kg	10/02/19	20:49	MT	442802
Hexachloro-1,3-butadiene	SW8270C	1	9.67	167	ND		ug/Kg	10/02/19	20:49	MT	442802
4-Chloro-3-methylphenol	SW8270C	1	39.2	334	ND		ug/Kg	10/02/19	20:49	MT	442802
Hexachlorocyclopentadiene	SW8270C	1	15.0	167	ND		ug/Kg	10/02/19	20:49	MT	442802
2,4,6-Trichlorophenol	SW8270C	1	41.7	334	ND		ug/Kg	10/02/19	20:49	MT	442802
2,4,5-Trichlorophenol	SW8270C	1	38.7	334	ND		ug/Kg	10/02/19	20:49	MT	442802
2-Chloronaphthalene	SW8270C	1	12.3	167	ND		ug/Kg	10/02/19	20:49	MT	442802
1,4-Dinitrobenzene	SW8270C	1	12.0	167	ND		ug/Kg	10/02/19	20:49	MT	442802
Dimethyl phthalate	SW8270C	1	16.4	835	ND		ug/Kg	10/02/19	20:49	MT	442802
1,3-Dinitrobenzene	SW8270C	1	12.1	167	ND		ug/Kg	10/02/19	20:49	MT	442802
2,6-Dinitrotoluene	SW8270C	1	13.1	167	ND		ug/Kg	10/02/19	20:49	MT	442802
1,2-Dinitrobenzene	SW8270C	1	18.3	167	ND		ug/Kg	10/02/19	20:49	MT	442802
2,4-Dinitrophenol	SW8270C	1	90.0	835	ND		ug/Kg	10/02/19	20:49	MT	442802



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/28/19, 4:40 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-1(4.5-5)	<b>Lab Sample ID:</b>	1909254-004A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/28/19 / 14:39		
<b>SDG:</b>			

<b>Prep Method:</b> 3546_BNA	<b>Prep Batch Date/Time:</b> 10/1/19 10:24:00AM
<b>Prep Batch ID:</b> 1117038	<b>Prep Analyst:</b> SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
4-Nitrophenol	SW8270C	1	63.5	835	ND		ug/Kg	10/02/19	20:49	MT	442802
Dibenzofuran	SW8270C	1	13.0	167	ND		ug/Kg	10/02/19	20:49	MT	442802
2,4-Dinitrotoluene	SW8270C	1	14.0	167	ND		ug/Kg	10/02/19	20:49	MT	442802
2,3,5,6-Tetrachlorophenol	SW8270C	1	32.0	334	ND		ug/Kg	10/02/19	20:49	MT	442802
2,3,4,6-Tetrachlorophenol	SW8270C	1	36.5	334	ND		ug/Kg	10/02/19	20:49	MT	442802
Diethylphthalate	SW8270C	1	15.8	835	ND		ug/Kg	10/02/19	20:49	MT	442802
4-Chlorophenyl-phenylether	SW8270C	1	10.8	167	ND		ug/Kg	10/02/19	20:49	MT	442802
4,6-Dinitro-2-methylphenol	SW8270C	1	15.5	334	ND		ug/Kg	10/02/19	20:49	MT	442802
Diphenylamine	SW8270C	1	15.1	167	ND		ug/Kg	10/02/19	20:49	MT	442802
4-Bromophenyl-phenylether	SW8270C	1	9.54	167	ND		ug/Kg	10/02/19	20:49	MT	442802
Hexachlorobenzene	SW8270C	1	10.0	167	ND		ug/Kg	10/02/19	20:49	MT	442802
Pentachlorophenol	SW8270C	1	29.0	334	ND		ug/Kg	10/02/19	20:49	MT	442802
Carbazole	SW8270C	1	12.5	167	ND		ug/Kg	10/02/19	20:49	MT	442802
Di-n-butylphthalate	SW8270C	1	15.7	167	ND		ug/Kg	10/02/19	20:49	MT	442802
Benzidine	SW8270C	1	170	167	ND		ug/Kg	10/02/19	20:49	MT	442802
Butylbenzylphthalate	SW8270C	1	24.4	835	ND		ug/Kg	10/02/19	20:49	MT	442802
Benzo(a)anthracene	SW8270C	1	11.4	167	ND		ug/Kg	10/02/19	20:49	MT	442802
3,3-Dichlorobenzidine	SW8270C	1	137	167	ND		ug/Kg	10/02/19	20:49	MT	442802
Bis(2-Ethylhexyl)phthalate	SW8270C	1	17.8	835	ND		ug/Kg	10/02/19	20:49	MT	442802
Di-n-Octylphthalate	SW8270C	1	14.2	167	ND		ug/Kg	10/02/19	20:49	MT	442802
Pyridine	SW8270C	1	50.8	835	ND		ug/Kg	10/02/19	20:49	MT	442802
Acceptance Limits											
2-Fluorophenol (S)	SW8270C		25 - 121		<b>68.3</b>		%	10/02/19	20:49	MT	442802
Phenol-d6 (S)	SW8270C		24 - 113		<b>75.0</b>		%	10/02/19	20:49	MT	442802
2,4,6-Tribromophenol (S)	SW8270C		19 - 122		<b>70.2</b>		%	10/02/19	20:49	MT	442802
2-Fluorobiphenyl (S)	SW8270C		45 - 143		<b>78.1</b>		%	10/02/19	20:49	MT	442802
Nitrobenzene-d5 (S)	SW8270C		23 - 120		<b>71.5</b>		%	10/02/19	20:49	MT	442802
Terphenyl-d14 (S)	SW8270C		18 - 137		<b>88.9</b>		%	10/02/19	20:49	MT	442802



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/28/19, 4:40 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-1(4.5-5)	<b>Lab Sample ID:</b>	1909254-004A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/28/19 / 14:39		
<b>SDG:</b>			

<b>Prep Method:</b> 3546_TPH	<b>Prep Batch Date/Time:</b> 10/1/19 1:20:00PM
<b>Prep Batch ID:</b> 1117043	<b>Prep Analyst:</b> SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel	SW8015B	1	0.85	2.0	ND		mg/Kg	10/01/19	18:20	MK	442805
TPH as Motor Oil	SW8015B	1	3.2	10	11.5		mg/Kg	10/01/19	18:20	MK	442805
			Acceptance Limits								
Pentacosane (S)	SW8015B		59 - 129		83.2		%	10/01/19	18:20	MK	442805



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/28/19, 4:40 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-1(4.5-5)	<b>Lab Sample ID:</b>	1909254-004B
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/28/19 / 14:39		
<b>SDG:</b>			

<b>Prep Method:</b> 5035	<b>Prep Batch Date/Time:</b> 9/30/19 9:17:00AM
<b>Prep Batch ID:</b> 1117117	<b>Prep Analyst:</b> BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	SW8260B	1	1.2	9.5	ND		ug/Kg	09/30/19	18:29	BP	442843
Chloromethane	SW8260B	1	1.7	9.5	ND		ug/Kg	09/30/19	18:29	BP	442843
Vinyl Chloride	SW8260B	1	1.9	9.5	ND		ug/Kg	09/30/19	18:29	BP	442843
Bromomethane	SW8260B	1	2.6	9.5	ND		ug/Kg	09/30/19	18:29	BP	442843
Chloroethane	SW8260B	1	2.9	9.5	ND		ug/Kg	09/30/19	18:29	BP	442843
Trichlorofluoromethane	SW8260B	1	2.0	9.5	ND		ug/Kg	09/30/19	18:29	BP	442843
1,1-Dichloroethene	SW8260B	1	1.9	9.5	ND		ug/Kg	09/30/19	18:29	BP	442843
Freon 113	SW8260B	1	1.8	9.5	ND		ug/Kg	09/30/19	18:29	BP	442843
Methylene Chloride	SW8260B	1	6.7	9.5	ND		ug/Kg	09/30/19	18:29	BP	442843
trans-1,2-Dichloroethene	SW8260B	1	2.0	9.5	ND		ug/Kg	09/30/19	18:29	BP	442843
MTBE	SW8260B	1	2.2	9.5	ND		ug/Kg	09/30/19	18:29	BP	442843
TBA	SW8260B	1	11	47	<b>74.5</b>		ug/Kg	09/30/19	18:29	BP	442843
Diisopropyl ether	SW8260B	1	2.2	9.5	ND		ug/Kg	09/30/19	18:29	BP	442843
1,1-Dichloroethane	SW8260B	1	2.1	9.5	ND		ug/Kg	09/30/19	18:29	BP	442843
Ethyl tert-Butyl ether	SW8260B	1	2.2	9.5	ND		ug/Kg	09/30/19	18:29	BP	442843
cis-1,2-Dichloroethene	SW8260B	1	2.1	9.5	ND		ug/Kg	09/30/19	18:29	BP	442843
2,2-Dichloropropane	SW8260B	1	1.8	9.5	ND		ug/Kg	09/30/19	18:29	BP	442843
Bromochloromethane	SW8260B	1	2.2	9.5	ND		ug/Kg	09/30/19	18:29	BP	442843
Chloroform	SW8260B	1	2.2	9.5	ND		ug/Kg	09/30/19	18:29	BP	442843
Carbon Tetrachloride	SW8260B	1	1.9	9.5	ND		ug/Kg	09/30/19	18:29	BP	442843
1,1,1-Trichloroethane	SW8260B	1	2.0	9.5	ND		ug/Kg	09/30/19	18:29	BP	442843
1,1-Dichloropropene	SW8260B	1	1.9	9.5	ND		ug/Kg	09/30/19	18:29	BP	442843
Benzene	SW8260B	1	2.1	9.5	ND		ug/Kg	09/30/19	18:29	BP	442843
TAME	SW8260B	1	2.2	9.5	ND		ug/Kg	09/30/19	18:29	BP	442843
1,2-Dichloroethane	SW8260B	1	2.2	9.5	ND		ug/Kg	09/30/19	18:29	BP	442843
Trichloroethylene	SW8260B	1	1.7	9.5	ND		ug/Kg	09/30/19	18:29	BP	442843
Dibromomethane	SW8260B	1	1.7	9.5	ND		ug/Kg	09/30/19	18:29	BP	442843
1,2-Dichloropropane	SW8260B	1	1.8	9.5	ND		ug/Kg	09/30/19	18:29	BP	442843
Bromodichloromethane	SW8260B	1	1.9	9.5	ND		ug/Kg	09/30/19	18:29	BP	442843
cis-1,3-Dichloropropene	SW8260B	1	1.5	9.5	ND		ug/Kg	09/30/19	18:29	BP	442843
Toluene	SW8260B	1	1.7	9.5	ND		ug/Kg	09/30/19	18:29	BP	442843
Tetrachloroethylene	SW8260B	1	1.6	9.5	ND		ug/Kg	09/30/19	18:29	BP	442843
trans-1,3-Dichloropropene	SW8260B	1	1.6	9.5	ND		ug/Kg	09/30/19	18:29	BP	442843
1,1,2-Trichloroethane	SW8260B	1	1.7	9.5	ND		ug/Kg	09/30/19	18:29	BP	442843
Dibromochloromethane	SW8260B	1	1.8	9.5	ND		ug/Kg	09/30/19	18:29	BP	442843



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/28/19, 4:40 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-1(4.5-5)	<b>Lab Sample ID:</b>	1909254-004B
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/28/19 / 14:39		
<b>SDG:</b>			

<b>Prep Method:</b> 5035	<b>Prep Batch Date/Time:</b> 9/30/19	9:17:00AM
<b>Prep Batch ID:</b> 1117117	<b>Prep Analyst:</b> BPATEL	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
1,3-Dichloropropane	SW8260B	1	1.7	9.5	ND		ug/Kg	09/30/19	18:29	BP	442843
1,2-Dibromoethane	SW8260B	1	1.7	9.5	ND		ug/Kg	09/30/19	18:29	BP	442843
Chlorobenzene	SW8260B	1	1.7	9.5	ND		ug/Kg	09/30/19	18:29	BP	442843
Ethylbenzene	SW8260B	1	1.6	9.5	ND		ug/Kg	09/30/19	18:29	BP	442843
1,1,1,2-Tetrachloroethane	SW8260B	1	1.8	9.5	ND		ug/Kg	09/30/19	18:29	BP	442843
m,p-Xylene	SW8260B	1	3.0	9.5	ND		ug/Kg	09/30/19	18:29	BP	442843
o-Xylene	SW8260B	1	1.6	9.5	ND		ug/Kg	09/30/19	18:29	BP	442843
Styrene	SW8260B	1	1.6	9.5	ND		ug/Kg	09/30/19	18:29	BP	442843
Bromoform	SW8260B	1	1.6	9.5	ND		ug/Kg	09/30/19	18:29	BP	442843
Isopropyl Benzene	SW8260B	1	1.5	9.5	ND		ug/Kg	09/30/19	18:29	BP	442843
n-Propylbenzene	SW8260B	1	1.5	9.5	ND		ug/Kg	09/30/19	18:29	BP	442843
Bromobenzene	SW8260B	1	1.7	9.5	ND		ug/Kg	09/30/19	18:29	BP	442843
1,1,2,2-Tetrachloroethane	SW8260B	1	1.8	9.5	ND		ug/Kg	09/30/19	18:29	BP	442843
2-Chlorotoluene	SW8260B	1	1.7	9.5	ND		ug/Kg	09/30/19	18:29	BP	442843
1,3,5-Trimethylbenzene	SW8260B	1	1.5	9.5	ND		ug/Kg	09/30/19	18:29	BP	442843
1,2,3-Trichloropropane	SW8260B	1	1.8	9.5	ND		ug/Kg	09/30/19	18:29	BP	442843
4-Chlorotoluene	SW8260B	1	1.6	9.5	ND		ug/Kg	09/30/19	18:29	BP	442843
tert-Butylbenzene	SW8260B	1	1.5	9.5	ND		ug/Kg	09/30/19	18:29	BP	442843
1,2,4-Trimethylbenzene	SW8260B	1	1.3	9.5	ND		ug/Kg	09/30/19	18:29	BP	442843
sec-Butyl Benzene	SW8260B	1	1.5	9.5	ND		ug/Kg	09/30/19	18:29	BP	442843
p-Isopropyltoluene	SW8260B	1	1.4	9.5	ND		ug/Kg	09/30/19	18:29	BP	442843
1,3-Dichlorobenzene	SW8260B	1	1.6	9.5	ND		ug/Kg	09/30/19	18:29	BP	442843
1,4-Dichlorobenzene	SW8260B	1	1.6	9.5	ND		ug/Kg	09/30/19	18:29	BP	442843
n-Butylbenzene	SW8260B	1	1.4	9.5	ND		ug/Kg	09/30/19	18:29	BP	442843
1,2-Dichlorobenzene	SW8260B	1	1.7	9.5	ND		ug/Kg	09/30/19	18:29	BP	442843
1,2-Dibromo-3-Chloropropane	SW8260B	1	1.8	9.5	ND		ug/Kg	09/30/19	18:29	BP	442843
Hexachlorobutadiene	SW8260B	1	1.3	9.5	ND		ug/Kg	09/30/19	18:29	BP	442843
1,2,4-Trichlorobenzene	SW8260B	1	1.4	9.5	ND		ug/Kg	09/30/19	18:29	BP	442843
Naphthalene	SW8260B	1	1.6	9.5	ND		ug/Kg	09/30/19	18:29	BP	442843
1,2,3-Trichlorobenzene	SW8260B	1	1.6	9.5	ND		ug/Kg	09/30/19	18:29	BP	442843
2-Butanone	SW8260B	1	2.2	9.5	ND		ug/Kg	09/30/19	18:29	BP	442843
(S) Dibromofluoromethane	SW8260B		59.8 - 148		<b>98.4</b>		%	09/30/19	18:29	BP	442843
(S) Toluene-d8	SW8260B		55.2 - 133		<b>95.3</b>		%	09/30/19	18:29	BP	442843
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		<b>106</b>		%	09/30/19	18:29	BP	442843



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/28/19, 4:40 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-1(4.5-5)	<b>Lab Sample ID:</b>	1909254-004B
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/28/19 / 14:39		
<b>SDG:</b>			

<b>Prep Method:</b> 5035GRO	<b>Prep Batch Date/Time:</b> 9/30/19	9:17:00AM
<b>Prep Batch ID:</b> 1117118	<b>Prep Analyst:</b> BPATEL	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH(Gasoline)	8260TPH	1	41	95	<b>223</b>	x	ug/Kg	09/30/19	18:29	BP	442843
(S) 4-Bromofluorobenzene	8260TPH		43.9 - 127		<b>44.3</b>		%	09/30/19	18:29	BP	442843

**NOTE:** x – Does not match pattern of reference Gasoline standard. Reported value due to contribution from non-target heavy hydrocarbons in the C5-C12 Gasoline quantitation range.



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/28/19, 4:40 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-1(9-9.5)	<b>Lab Sample ID:</b>	1909254-005A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/28/19 / 14:55		
<b>SDG:</b>			

<b>Prep Method:</b> 7471BP	<b>Prep Batch Date/Time:</b> 9/30/19	5:30:00PM
<b>Prep Batch ID:</b> 1117035	<b>Prep Analyst:</b>	IRNAZ

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Mercury	SW7471B	1	0.10	0.62	ND		mg/Kg	10/01/19	10:32	BJAY	442816





## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/28/19, 4:40 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-1(9-9.5)	<b>Lab Sample ID:</b>	1909254-005A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/28/19 / 14:55		
<b>SDG:</b>			

<b>Prep Method:</b> 3050B	<b>Prep Batch Date/Time:</b> 9/30/19	5:15:00PM
<b>Prep Batch ID:</b> 1117036	<b>Prep Analyst:</b> IRNAZ	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Antimony	SW6010B	1	0.062	6.20	ND		mg/Kg	10/01/19	13:10	PPATEL	442796
Arsenic	SW6010B	1	0.19	1.61	<b>6.09</b>		mg/Kg	10/01/19	13:10	PPATEL	442796
Barium	SW6010B	1	0.068	6.20	<b>154</b>		mg/Kg	10/01/19	13:10	PPATEL	442796
Beryllium	SW6010B	1	0.068	6.20	ND		mg/Kg	10/01/19	13:10	PPATEL	442796
Cadmium	SW6010B	1	0.12	6.20	ND		mg/Kg	10/01/19	13:10	PPATEL	442796
Chromium	SW6010B	1	0.093	6.20	<b>54.3</b>		mg/Kg	10/01/19	13:10	PPATEL	442796
Cobalt	SW6010B	1	0.087	6.20	<b>13.1</b>		mg/Kg	10/01/19	13:10	PPATEL	442796
Copper	SW6010B	1	0.25	6.20	<b>36.5</b>		mg/Kg	10/01/19	13:10	PPATEL	442796
Lead	SW6010B	1	0.12	3.72	<b>10.4</b>		mg/Kg	10/01/19	13:10	PPATEL	442796
Molybdenum	SW6010B	1	0.062	6.20	ND		mg/Kg	10/01/19	13:10	PPATEL	442796
Nickel	SW6010B	1	0.62	6.20	<b>89.3</b>		mg/Kg	10/01/19	13:10	PPATEL	442796
Selenium	SW6010B	1	0.27	6.20	ND		mg/Kg	10/01/19	13:10	PPATEL	442796
Silver	SW6010B	1	0.19	6.20	ND		mg/Kg	10/01/19	13:10	PPATEL	442796
Thallium	SW6010B	1	0.68	6.20	ND		mg/Kg	10/01/19	13:10	PPATEL	442796
Vanadium	SW6010B	1	0.12	6.20	<b>37.6</b>		mg/Kg	10/01/19	13:10	PPATEL	442796
Zinc	SW6010B	1	0.37	6.20	<b>72.5</b>		mg/Kg	10/01/19	13:10	PPATEL	442796



### SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/28/19, 4:40 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-1(9-9.5)	<b>Lab Sample ID:</b>	1909254-005A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/28/19 / 14:55		
<b>SDG:</b>			

<b>Prep Method:</b> WET/3010B	<b>Prep Batch Date/Time:</b> 10/16/19	1:30:00PM
<b>Prep Batch ID:</b> 1117446	<b>Prep Analyst:</b> IRNAZ	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Chromium (STLC)	SW6010B	1	0.010	0.20	ND		mg/L	10/16/19	17:53	PPATEL	443175



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/28/19, 4:40 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-1(9-9.5)	<b>Lab Sample ID:</b>	1909254-005A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/28/19 / 14:55		
<b>SDG:</b>			

<b>Prep Method:</b> 3546_PAHSIM	<b>Prep Batch Date/Time:</b> 10/1/19 10:26:00AM
<b>Prep Batch ID:</b> 1117039	<b>Prep Analyst:</b> SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Naphthalene	SW8270C	1	0.64	4.9	ND		ug/Kg	10/01/19	15:11	MT	442817
2-Methylnaphthalene	SW8270C	1	0.28	4.9	ND		ug/Kg	10/01/19	15:11	MT	442817
1-Methylnaphthalene	SW8270C	1	0.23	4.9	ND		ug/Kg	10/01/19	15:11	MT	442817
Acenaphthylene	SW8270C	1	0.23	4.9	ND		ug/Kg	10/01/19	15:11	MT	442817
Acenaphthene	SW8270C	1	0.20	4.9	ND		ug/Kg	10/01/19	15:11	MT	442817
Fluorene	SW8270C	1	0.33	4.9	ND		ug/Kg	10/01/19	15:11	MT	442817
Phenanthrene	SW8270C	1	0.74	4.9	5.1		ug/Kg	10/01/19	15:11	MT	442817
Anthracene	SW8270C	1	0.66	4.9	ND		ug/Kg	10/01/19	15:11	MT	442817
Fluoranthene	SW8270C	1	0.66	4.9	ND		ug/Kg	10/01/19	15:11	MT	442817
Pyrene	SW8270C	1	0.68	4.9	ND		ug/Kg	10/01/19	15:11	MT	442817
Benz[a]anthracene	SW8270C	1	0.57	4.9	ND		ug/Kg	10/01/19	15:11	MT	442817
Chrysene	SW8270C	1	0.61	4.9	ND		ug/Kg	10/01/19	15:11	MT	442817
Benzo[b]fluoranthene	SW8270C	1	0.30	4.9	ND		ug/Kg	10/01/19	15:11	MT	442817
Benzo[k]fluoranthene	SW8270C	1	0.28	4.9	ND		ug/Kg	10/01/19	15:11	MT	442817
Benzo[a]pyrene	SW8270C	1	0.35	4.9	ND		ug/Kg	10/01/19	15:11	MT	442817
Indeno[1,2,3-cd]pyrene	SW8270C	1	0.27	4.9	ND		ug/Kg	10/01/19	15:11	MT	442817
Dibenz[a,h]anthracene	SW8270C	1	0.34	4.9	ND		ug/Kg	10/01/19	15:11	MT	442817
Benzo[g,h,i]perylene	SW8270C	1	0.33	4.9	ND		ug/Kg	10/01/19	15:11	MT	442817
Acceptance Limits											
2-Fluorobiphenyl (S)	SW8270C		45 - 125		70		%	10/01/19	15:11	MT	442817
p-Terphenyl-d14 (S)	SW8270C		30 - 125		82		%	10/01/19	15:11	MT	442817



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/28/19, 4:40 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-1(9-9.5)	<b>Lab Sample ID:</b>	1909254-005A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/28/19 / 14:55		
<b>SDG:</b>			

<b>Prep Method:</b> 3546_PCB	<b>Prep Batch Date/Time:</b> 10/1/19 1:30:00PM
<b>Prep Batch ID:</b> 1117046	<b>Prep Analyst:</b> SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Aroclor1016	SW8082A	1	66	120	ND		ug/Kg	10/01/19	14:39	MK	442798
Aroclor1221	SW8082A	1	6.2	120	ND		ug/Kg	10/01/19	14:39	MK	442798
Aroclor1232	SW8082A	1	21	120	ND		ug/Kg	10/01/19	14:39	MK	442798
Aroclor1242	SW8082A	1	3.7	120	ND		ug/Kg	10/01/19	14:39	MK	442798
Aroclor1248	SW8082A	1	2.5	120	ND		ug/Kg	10/01/19	14:39	MK	442798
Aroclor1254	SW8082A	1	2.5	120	ND		ug/Kg	10/01/19	14:39	MK	442798
Aroclor1260	SW8082A	1	45	120	ND		ug/Kg	10/01/19	14:39	MK	442798
Acceptance Limits											
TCMX (S)	SW8082A		48 - 125		<b>97.0</b>		%	10/01/19	14:39	MK	442798
DCBP (S)	SW8082A		48 - 135		<b>86.0</b>		%	10/01/19	14:39	MK	442798



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/28/19, 4:40 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-1(9-9.5)	<b>Lab Sample ID:</b>	1909254-005A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/28/19 / 14:55		
<b>SDG:</b>			

<b>Prep Method:</b> 3546_OCP	<b>Prep Batch Date/Time:</b> 10/1/19 1:26:00PM
<b>Prep Batch ID:</b> 1117044	<b>Prep Analyst:</b> SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
alpha-BHC	SW8081B	1	0.16	2.5	ND		ug/Kg	10/01/19	20:16	MK	442844
gamma-BHC (Lindane)	SW8081B	1	0.20	2.5	ND		ug/Kg	10/01/19	20:16	MK	442844
beta-BHC	SW8081B	1	0.39	2.5	ND		ug/Kg	10/01/19	20:16	MK	442844
delta-BHC	SW8081B	1	0.19	2.5	ND		ug/Kg	10/01/19	20:16	MK	442844
Heptachlor	SW8081B	1	0.13	2.5	ND		ug/Kg	10/01/19	20:16	MK	442844
Aldrin	SW8081B	1	0.24	2.5	ND		ug/Kg	10/01/19	20:16	MK	442844
Heptachlor Epoxide	SW8081B	1	0.097	2.5	ND		ug/Kg	10/01/19	20:16	MK	442844
gamma-Chlordane	SW8081B	1	0.20	2.5	ND		ug/Kg	10/01/19	20:16	MK	442844
alpha-Chlordane	SW8081B	1	0.21	2.5	ND		ug/Kg	10/01/19	20:16	MK	442844
4,4'-DDE	SW8081B	1	0.24	2.5	ND		ug/Kg	10/01/19	20:16	MK	442844
Endosulfan I	SW8081B	1	0.23	2.5	ND		ug/Kg	10/01/19	20:16	MK	442844
Dieldrin	SW8081B	1	0.18	2.5	ND		ug/Kg	10/01/19	20:16	MK	442844
Endrin	SW8081B	1	0.23	2.5	ND		ug/Kg	10/01/19	20:16	MK	442844
4,4'-DDD	SW8081B	1	0.70	2.5	ND		ug/Kg	10/01/19	20:16	MK	442844
Endosulfan II	SW8081B	1	0.71	2.5	ND		ug/Kg	10/01/19	20:16	MK	442844
4,4'-DDT	SW8081B	1	0.16	2.5	ND		ug/Kg	10/01/19	20:16	MK	442844
Endrin Aldehyde	SW8081B	1	0.19	2.5	ND		ug/Kg	10/01/19	20:16	MK	442844
Methoxychlor	SW8081B	1	0.25	2.5	ND		ug/Kg	10/01/19	20:16	MK	442844
Endosulfan Sulfate	SW8081B	1	0.15	2.5	ND		ug/Kg	10/01/19	20:16	MK	442844
Endrin Ketone	SW8081B	1	0.12	2.5	ND		ug/Kg	10/01/19	20:16	MK	442844
Chlordane	SW8081B	1	2.6	25	ND		ug/Kg	10/01/19	20:16	MK	442844
Toxaphene	SW8081B	1	11	62	ND		ug/Kg	10/01/19	20:16	MK	442844
Acceptance Limits											
TCMX (S)	SW8081B		48 - 125		<b>92.8</b>		%	10/01/19	20:16	MK	442844
DCBP (S)	SW8081B		38 - 135		<b>92.7</b>		%	10/01/19	20:16	MK	442844



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/28/19, 4:40 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-1(9-9.5)	<b>Lab Sample ID:</b>	1909254-005A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/28/19 / 14:55		
<b>SDG:</b>			

<b>Prep Method:</b> % Water-P	<b>Prep Batch Date/Time:</b> 10/4/19	6:50:00PM
<b>Prep Batch ID:</b> 1117182	<b>Prep Analyst:</b> BJAY	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Moisture, Percent	ASTM D2216-90	1	0.050	0.050	23.8		%	10/05/19	12:30	BJAY	442910
Dry Weight Factor	ASTM D2216-90	1	1	1	1.24		-	10/05/19	12:30	BJAY	442910



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/28/19, 4:40 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-1(9-9.5)	<b>Lab Sample ID:</b>	1909254-005A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/28/19 / 14:55		
<b>SDG:</b>			

<b>Prep Method:</b> 3546_BNA	<b>Prep Batch Date/Time:</b> 10/1/19 10:24:00AM
<b>Prep Batch ID:</b> 1117038	<b>Prep Analyst:</b> SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
N-Nitrosodimethylamine	SW8270C	1	58.1	893	ND		ug/Kg	10/02/19	21:19	MT	442802
Phenol	SW8270C	1	54.3	357	ND		ug/Kg	10/02/19	21:19	MT	442802
Bis(2-chloroethyl)ether	SW8270C	1	16.5	179	ND		ug/Kg	10/02/19	21:19	MT	442802
2-Chlorophenol	SW8270C	1	59.1	357	ND		ug/Kg	10/02/19	21:19	MT	442802
1,3-Dichlorobenzene	SW8270C	1	16.3	179	ND		ug/Kg	10/02/19	21:19	MT	442802
1,4-Dichlorobenzene	SW8270C	1	18.1	179	ND		ug/Kg	10/02/19	21:19	MT	442802
Benzyl Alcohol	SW8270C	1	25.4	357	ND		ug/Kg	10/02/19	21:19	MT	442802
1,2-Dichlorobenzene	SW8270C	1	16.7	179	ND		ug/Kg	10/02/19	21:19	MT	442802
2-Methylphenol (o-Cresol)	SW8270C	1	36.4	357	ND		ug/Kg	10/02/19	21:19	MT	442802
N-Methyl-2-Pyrrolidone (NMP)	SW8270C	1	84.4	893	ND		ug/Kg	10/02/19	21:19	MT	442802
3-/4-Methylphenol (p-/m-Cresol)	SW8270C	1	38.8	357	ND		ug/Kg	10/02/19	21:19	MT	442802
N-nitroso-di-n-propylamine	SW8270C	1	16.3	179	ND		ug/Kg	10/02/19	21:19	MT	442802
Hexachloroethane	SW8270C	1	21.2	179	ND		ug/Kg	10/02/19	21:19	MT	442802
Nitrobenzene	SW8270C	1	15.9	179	ND		ug/Kg	10/02/19	21:19	MT	442802
Isophorone	SW8270C	1	15.1	179	ND		ug/Kg	10/02/19	21:19	MT	442802
2-Nitrophenol	SW8270C	1	31.5	357	ND		ug/Kg	10/02/19	21:19	MT	442802
2,4-Dimethylphenol	SW8270C	1	28.3	357	ND		ug/Kg	10/02/19	21:19	MT	442802
Benzoic Acid	SW8270C	1	51.7	357	ND		ug/Kg	10/02/19	21:19	MT	442802
Bis(2-Chloroethoxy)methane	SW8270C	1	12.1	179	ND		ug/Kg	10/02/19	21:19	MT	442802
Bis(2-chloroisopropyl)ether	SW8270C	1	15.6	179	ND		ug/Kg	10/02/19	21:19	MT	442802
2,4-Dichlorophenol	SW8270C	1	48.7	357	ND		ug/Kg	10/02/19	21:19	MT	442802
1,2,4-Trichlorobenzene	SW8270C	1	14.7	179	ND		ug/Kg	10/02/19	21:19	MT	442802
2,6-Dichlorophenol	SW8270C	1	44.4	357	ND		ug/Kg	10/02/19	21:19	MT	442802
Hexachloro-1,3-butadiene	SW8270C	1	10.3	179	ND		ug/Kg	10/02/19	21:19	MT	442802
4-Chloro-3-methylphenol	SW8270C	1	41.9	357	ND		ug/Kg	10/02/19	21:19	MT	442802
Hexachlorocyclopentadiene	SW8270C	1	16.1	179	ND		ug/Kg	10/02/19	21:19	MT	442802
2,4,6-Trichlorophenol	SW8270C	1	44.6	357	ND		ug/Kg	10/02/19	21:19	MT	442802
2,4,5-Trichlorophenol	SW8270C	1	41.4	357	ND		ug/Kg	10/02/19	21:19	MT	442802
2-Chloronaphthalene	SW8270C	1	13.2	179	ND		ug/Kg	10/02/19	21:19	MT	442802
1,4-Dinitrobenzene	SW8270C	1	12.8	179	ND		ug/Kg	10/02/19	21:19	MT	442802
Dimethyl phthalate	SW8270C	1	17.6	893	ND		ug/Kg	10/02/19	21:19	MT	442802
1,3-Dinitrobenzene	SW8270C	1	12.9	179	ND		ug/Kg	10/02/19	21:19	MT	442802
2,6-Dinitrotoluene	SW8270C	1	14.0	179	ND		ug/Kg	10/02/19	21:19	MT	442802
1,2-Dinitrobenzene	SW8270C	1	19.5	179	ND		ug/Kg	10/02/19	21:19	MT	442802
2,4-Dinitrophenol	SW8270C	1	96.2	893	ND		ug/Kg	10/02/19	21:19	MT	442802



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/28/19, 4:40 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-1(9-9.5)	<b>Lab Sample ID:</b>	1909254-005A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/28/19 / 14:55		
<b>SDG:</b>			

<b>Prep Method:</b> 3546_BNA	<b>Prep Batch Date/Time:</b> 10/1/19 10:24:00AM
<b>Prep Batch ID:</b> 1117038	<b>Prep Analyst:</b> SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
4-Nitrophenol	SW8270C	1	67.9	893	ND		ug/Kg	10/02/19	21:19	MT	442802
Dibenzofuran	SW8270C	1	13.9	179	ND		ug/Kg	10/02/19	21:19	MT	442802
2,4-Dinitrotoluene	SW8270C	1	15.0	179	ND		ug/Kg	10/02/19	21:19	MT	442802
2,3,5,6-Tetrachlorophenol	SW8270C	1	34.2	357	ND		ug/Kg	10/02/19	21:19	MT	442802
2,3,4,6-Tetrachlorophenol	SW8270C	1	39.0	357	ND		ug/Kg	10/02/19	21:19	MT	442802
Diethylphthalate	SW8270C	1	16.9	893	ND		ug/Kg	10/02/19	21:19	MT	442802
4-Chlorophenyl-phenylether	SW8270C	1	11.6	179	ND		ug/Kg	10/02/19	21:19	MT	442802
4,6-Dinitro-2-methylphenol	SW8270C	1	16.6	357	ND		ug/Kg	10/02/19	21:19	MT	442802
Diphenylamine	SW8270C	1	16.2	179	ND		ug/Kg	10/02/19	21:19	MT	442802
4-Bromophenyl-phenylether	SW8270C	1	10.2	179	ND		ug/Kg	10/02/19	21:19	MT	442802
Hexachlorobenzene	SW8270C	1	10.7	179	ND		ug/Kg	10/02/19	21:19	MT	442802
Pentachlorophenol	SW8270C	1	31.0	357	ND		ug/Kg	10/02/19	21:19	MT	442802
Carbazole	SW8270C	1	13.3	179	ND		ug/Kg	10/02/19	21:19	MT	442802
Di-n-butylphthalate	SW8270C	1	16.7	179	ND		ug/Kg	10/02/19	21:19	MT	442802
Benzidine	SW8270C	1	182	179	ND		ug/Kg	10/02/19	21:19	MT	442802
Butylbenzylphthalate	SW8270C	1	26.1	893	ND		ug/Kg	10/02/19	21:19	MT	442802
Benzo(a)anthracene	SW8270C	1	12.2	179	ND		ug/Kg	10/02/19	21:19	MT	442802
3,3-Dichlorobenzidine	SW8270C	1	146	179	ND		ug/Kg	10/02/19	21:19	MT	442802
Bis(2-Ethylhexyl)phthalate	SW8270C	1	19.0	893	ND		ug/Kg	10/02/19	21:19	MT	442802
Di-n-Octylphthalate	SW8270C	1	15.2	179	ND		ug/Kg	10/02/19	21:19	MT	442802
Pyridine	SW8270C	1	54.3	893	ND		ug/Kg	10/02/19	21:19	MT	442802
Acceptance Limits											
2-Fluorophenol (S)	SW8270C		25 - 121		<b>63.7</b>		%	10/02/19	21:19	MT	442802
Phenol-d6 (S)	SW8270C		24 - 113		<b>76.3</b>		%	10/02/19	21:19	MT	442802
2,4,6-Tribromophenol (S)	SW8270C		19 - 122		<b>37.4</b>		%	10/02/19	21:19	MT	442802
2-Fluorobiphenyl (S)	SW8270C		45 - 143		<b>77.4</b>		%	10/02/19	21:19	MT	442802
Nitrobenzene-d5 (S)	SW8270C		23 - 120		<b>72.7</b>		%	10/02/19	21:19	MT	442802
Terphenyl-d14 (S)	SW8270C		18 - 137		<b>83.3</b>		%	10/02/19	21:19	MT	442802





## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/28/19, 4:40 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-1(9-9.5)	<b>Lab Sample ID:</b>	1909254-005A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/28/19 / 14:55		
<b>SDG:</b>			

<b>Prep Method:</b> 3546_TPH	<b>Prep Batch Date/Time:</b> 10/1/19 1:20:00PM
<b>Prep Batch ID:</b> 1117043	<b>Prep Analyst:</b> SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel	SW8015B	1	0.85	2.0	ND		mg/Kg	10/01/19	18:43	MK	442805
TPH as Motor Oil	SW8015B	1	3.2	10	ND		mg/Kg	10/01/19	18:43	MK	442805
			Acceptance Limits								
Pentacosane (S)	SW8015B		59 - 129		<b>77.6</b>		%	10/01/19	18:43	MK	442805



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/28/19, 4:40 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-1(9-9.5)	<b>Lab Sample ID:</b>	1909254-005B
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/28/19 / 14:55		
<b>SDG:</b>			

<b>Prep Method:</b> 5035	<b>Prep Batch Date/Time:</b> 9/30/19 9:17:00AM
<b>Prep Batch ID:</b> 1117117	<b>Prep Analyst:</b> BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	SW8260B	1	1.4	11	ND		ug/Kg	09/30/19	18:59	BP	442843
Chloromethane	SW8260B	1	2.1	11	ND		ug/Kg	09/30/19	18:59	BP	442843
Vinyl Chloride	SW8260B	1	2.3	11	ND		ug/Kg	09/30/19	18:59	BP	442843
Bromomethane	SW8260B	1	3.1	11	ND		ug/Kg	09/30/19	18:59	BP	442843
Chloroethane	SW8260B	1	3.4	11	ND		ug/Kg	09/30/19	18:59	BP	442843
Trichlorofluoromethane	SW8260B	1	2.3	11	ND		ug/Kg	09/30/19	18:59	BP	442843
1,1-Dichloroethene	SW8260B	1	2.3	11	ND		ug/Kg	09/30/19	18:59	BP	442843
Freon 113	SW8260B	1	2.1	11	ND		ug/Kg	09/30/19	18:59	BP	442843
Methylene Chloride	SW8260B	1	8.1	11	ND		ug/Kg	09/30/19	18:59	BP	442843
trans-1,2-Dichloroethene	SW8260B	1	2.4	11	ND		ug/Kg	09/30/19	18:59	BP	442843
MTBE	SW8260B	1	2.7	11	ND		ug/Kg	09/30/19	18:59	BP	442843
TBA	SW8260B	1	13	57	ND		ug/Kg	09/30/19	18:59	BP	442843
Diisopropyl ether	SW8260B	1	2.6	11	ND		ug/Kg	09/30/19	18:59	BP	442843
1,1-Dichloroethane	SW8260B	1	2.5	11	ND		ug/Kg	09/30/19	18:59	BP	442843
Ethyl tert-Butyl ether	SW8260B	1	2.6	11	ND		ug/Kg	09/30/19	18:59	BP	442843
cis-1,2-Dichloroethene	SW8260B	1	2.5	11	ND		ug/Kg	09/30/19	18:59	BP	442843
2,2-Dichloropropane	SW8260B	1	2.2	11	ND		ug/Kg	09/30/19	18:59	BP	442843
Bromochloromethane	SW8260B	1	2.6	11	ND		ug/Kg	09/30/19	18:59	BP	442843
Chloroform	SW8260B	1	2.7	11	ND		ug/Kg	09/30/19	18:59	BP	442843
Carbon Tetrachloride	SW8260B	1	2.3	11	ND		ug/Kg	09/30/19	18:59	BP	442843
1,1,1-Trichloroethane	SW8260B	1	2.4	11	ND		ug/Kg	09/30/19	18:59	BP	442843
1,1-Dichloropropene	SW8260B	1	2.2	11	ND		ug/Kg	09/30/19	18:59	BP	442843
Benzene	SW8260B	1	2.5	11	ND		ug/Kg	09/30/19	18:59	BP	442843
TAME	SW8260B	1	2.6	11	ND		ug/Kg	09/30/19	18:59	BP	442843
1,2-Dichloroethane	SW8260B	1	2.6	11	ND		ug/Kg	09/30/19	18:59	BP	442843
Trichloroethylene	SW8260B	1	2.0	11	ND		ug/Kg	09/30/19	18:59	BP	442843
Dibromomethane	SW8260B	1	2.1	11	ND		ug/Kg	09/30/19	18:59	BP	442843
1,2-Dichloropropane	SW8260B	1	2.1	11	ND		ug/Kg	09/30/19	18:59	BP	442843
Bromodichloromethane	SW8260B	1	2.2	11	ND		ug/Kg	09/30/19	18:59	BP	442843
cis-1,3-Dichloropropene	SW8260B	1	1.8	11	ND		ug/Kg	09/30/19	18:59	BP	442843
Toluene	SW8260B	1	2.1	11	ND		ug/Kg	09/30/19	18:59	BP	442843
Tetrachloroethylene	SW8260B	1	1.9	11	ND		ug/Kg	09/30/19	18:59	BP	442843
trans-1,3-Dichloropropene	SW8260B	1	1.9	11	ND		ug/Kg	09/30/19	18:59	BP	442843
1,1,2-Trichloroethane	SW8260B	1	2.1	11	ND		ug/Kg	09/30/19	18:59	BP	442843
Dibromochloromethane	SW8260B	1	2.1	11	ND		ug/Kg	09/30/19	18:59	BP	442843



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/28/19, 4:40 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-1(9-9.5)	<b>Lab Sample ID:</b>	1909254-005B
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/28/19 / 14:55		
<b>SDG:</b>			

<b>Prep Method:</b> 5035	<b>Prep Batch Date/Time:</b> 9/30/19	9:17:00AM
<b>Prep Batch ID:</b> 1117117	<b>Prep Analyst:</b> BPATEL	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
1,3-Dichloropropane	SW8260B	1	2.1	11	ND		ug/Kg	09/30/19	18:59	BP	442843
1,2-Dibromoethane	SW8260B	1	2.1	11	ND		ug/Kg	09/30/19	18:59	BP	442843
Chlorobenzene	SW8260B	1	2.1	11	ND		ug/Kg	09/30/19	18:59	BP	442843
Ethylbenzene	SW8260B	1	1.9	11	ND		ug/Kg	09/30/19	18:59	BP	442843
1,1,1,2-Tetrachloroethane	SW8260B	1	2.2	11	ND		ug/Kg	09/30/19	18:59	BP	442843
m,p-Xylene	SW8260B	1	3.6	11	ND		ug/Kg	09/30/19	18:59	BP	442843
o-Xylene	SW8260B	1	2.0	11	ND		ug/Kg	09/30/19	18:59	BP	442843
Styrene	SW8260B	1	1.9	11	ND		ug/Kg	09/30/19	18:59	BP	442843
Bromoforn	SW8260B	1	1.9	11	ND		ug/Kg	09/30/19	18:59	BP	442843
Isopropyl Benzene	SW8260B	1	1.8	11	ND		ug/Kg	09/30/19	18:59	BP	442843
n-Propylbenzene	SW8260B	1	1.8	11	ND		ug/Kg	09/30/19	18:59	BP	442843
Bromobenzene	SW8260B	1	2.0	11	ND		ug/Kg	09/30/19	18:59	BP	442843
1,1,2,2-Tetrachloroethane	SW8260B	1	2.2	11	ND		ug/Kg	09/30/19	18:59	BP	442843
2-Chlorotoluene	SW8260B	1	2.0	11	ND		ug/Kg	09/30/19	18:59	BP	442843
1,3,5-Trimethylbenzene	SW8260B	1	1.8	11	ND		ug/Kg	09/30/19	18:59	BP	442843
1,2,3-Trichloropropane	SW8260B	1	2.2	11	ND		ug/Kg	09/30/19	18:59	BP	442843
4-Chlorotoluene	SW8260B	1	1.9	11	ND		ug/Kg	09/30/19	18:59	BP	442843
tert-Butylbenzene	SW8260B	1	1.8	11	ND		ug/Kg	09/30/19	18:59	BP	442843
1,2,4-Trimethylbenzene	SW8260B	1	1.5	11	ND		ug/Kg	09/30/19	18:59	BP	442843
sec-Butyl Benzene	SW8260B	1	1.8	11	ND		ug/Kg	09/30/19	18:59	BP	442843
p-Isopropyltoluene	SW8260B	1	1.7	11	ND		ug/Kg	09/30/19	18:59	BP	442843
1,3-Dichlorobenzene	SW8260B	1	1.9	11	ND		ug/Kg	09/30/19	18:59	BP	442843
1,4-Dichlorobenzene	SW8260B	1	1.9	11	ND		ug/Kg	09/30/19	18:59	BP	442843
n-Butylbenzene	SW8260B	1	1.6	11	ND		ug/Kg	09/30/19	18:59	BP	442843
1,2-Dichlorobenzene	SW8260B	1	2.0	11	ND		ug/Kg	09/30/19	18:59	BP	442843
1,2-Dibromo-3-Chloropropane	SW8260B	1	2.1	11	ND		ug/Kg	09/30/19	18:59	BP	442843
Hexachlorobutadiene	SW8260B	1	1.6	11	ND		ug/Kg	09/30/19	18:59	BP	442843
1,2,4-Trichlorobenzene	SW8260B	1	1.7	11	ND		ug/Kg	09/30/19	18:59	BP	442843
Naphthalene	SW8260B	1	1.9	11	ND		ug/Kg	09/30/19	18:59	BP	442843
1,2,3-Trichlorobenzene	SW8260B	1	1.9	11	ND		ug/Kg	09/30/19	18:59	BP	442843
2-Butanone	SW8260B	1	2.6	11	ND		ug/Kg	09/30/19	18:59	BP	442843
(S) Dibromofluoromethane	SW8260B		59.8 - 148		<b>99.5</b>		%	09/30/19	18:59	BP	442843
(S) Toluene-d8	SW8260B		55.2 - 133		<b>105</b>		%	09/30/19	18:59	BP	442843
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		<b>99.3</b>		%	09/30/19	18:59	BP	442843



### SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/28/19, 4:40 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-1(9-9.5)	<b>Lab Sample ID:</b>	1909254-005B
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/28/19 / 14:55		
<b>SDG:</b>			

<b>Prep Method:</b> 5035GRO	<b>Prep Batch Date/Time:</b> 9/30/19	9:17:00AM
<b>Prep Batch ID:</b> 1117118	<b>Prep Analyst:</b> BPATEL	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH(Gasoline)	8260TPH	1	49	110	ND		ug/Kg	09/30/19	18:59	BP	442843
(S) 4-Bromofluorobenzene	8260TPH		43.9 - 127		<b>81.0</b>		%	09/30/19	18:59	BP	442843



### SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/28/19, 4:40 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-1(24-24.5)	<b>Lab Sample ID:</b>	1909254-008A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/28/19 / 15:23		
<b>SDG:</b>			

<b>Prep Method:</b> 7471BP	<b>Prep Batch Date/Time:</b> 9/30/19	5:30:00PM
<b>Prep Batch ID:</b> 1117035	<b>Prep Analyst:</b> IRNAZ	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Mercury	SW7471B	1	0.099	0.60	ND		mg/Kg	10/01/19	10:34	BJAY	442816



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/28/19, 4:40 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-1(24-24.5)	<b>Lab Sample ID:</b>	1909254-008A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/28/19 / 15:23		
<b>SDG:</b>			

<b>Prep Method:</b> 3050B	<b>Prep Batch Date/Time:</b> 9/30/19	5:15:00PM
<b>Prep Batch ID:</b> 1117036	<b>Prep Analyst:</b> IRNAZ	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Antimony	SW6010B	1	0.050	5.00	ND		mg/Kg	10/01/19	13:13	PPATEL	442796
Arsenic	SW6010B	1	0.15	1.30	<b>1.31</b>		mg/Kg	10/01/19	13:13	PPATEL	442796
Barium	SW6010B	1	0.055	5.00	<b>54.5</b>		mg/Kg	10/01/19	13:13	PPATEL	442796
Beryllium	SW6010B	1	0.055	5.00	ND		mg/Kg	10/01/19	13:13	PPATEL	442796
Cadmium	SW6010B	1	0.10	5.00	ND		mg/Kg	10/01/19	13:13	PPATEL	442796
Chromium	SW6010B	1	0.075	5.00	<b>38.7</b>		mg/Kg	10/01/19	13:13	PPATEL	442796
Cobalt	SW6010B	1	0.070	5.00	<b>8.50</b>		mg/Kg	10/01/19	13:13	PPATEL	442796
Copper	SW6010B	1	0.20	5.00	<b>16.5</b>		mg/Kg	10/01/19	13:13	PPATEL	442796
Lead	SW6010B	1	0.10	3.00	<b>4.20</b>		mg/Kg	10/01/19	13:13	PPATEL	442796
Molybdenum	SW6010B	1	0.050	5.00	ND		mg/Kg	10/01/19	13:13	PPATEL	442796
Nickel	SW6010B	1	0.50	5.00	<b>48.6</b>		mg/Kg	10/01/19	13:13	PPATEL	442796
Selenium	SW6010B	1	0.22	5.00	ND		mg/Kg	10/01/19	13:13	PPATEL	442796
Silver	SW6010B	1	0.15	5.00	ND		mg/Kg	10/01/19	13:13	PPATEL	442796
Thallium	SW6010B	1	0.55	5.00	ND		mg/Kg	10/01/19	13:13	PPATEL	442796
Vanadium	SW6010B	1	0.10	5.00	<b>32.6</b>		mg/Kg	10/01/19	13:13	PPATEL	442796
Zinc	SW6010B	1	0.30	5.00	<b>35.9</b>		mg/Kg	10/01/19	13:13	PPATEL	442796



### SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/28/19, 4:40 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-1(24-24.5)	<b>Lab Sample ID:</b>	1909254-008A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/28/19 / 15:23		
<b>SDG:</b>			

<b>Prep Method:</b> % Water-P	<b>Prep Batch Date/Time:</b> 10/4/19	6:50:00PM
<b>Prep Batch ID:</b> 1117182	<b>Prep Analyst:</b> BJAY	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Moisture, Percent	ASTM D2216-90	1	0.050	0.050	19.0		%	10/05/19	12:30	BJAY	442910
Dry Weight Factor	ASTM D2216-90	1	1	1	1.19		-	10/05/19	12:30	BJAY	442910



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/28/19, 4:40 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-1(24-24.5)	<b>Lab Sample ID:</b>	1909254-008A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/28/19 / 15:23		
<b>SDG:</b>			

<b>Prep Method:</b> 3546_TPH	<b>Prep Batch Date/Time:</b> 10/1/19 1:20:00PM
<b>Prep Batch ID:</b> 1117043	<b>Prep Analyst:</b> SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel	SW8015B	1	0.85	2.0	<b>13.2</b>	x	mg/Kg	10/01/19	19:07	MK	442805
TPH as Motor Oil	SW8015B	1	3.2	10	ND		mg/Kg	10/01/19	19:07	MK	442805
Acceptance Limits											
Pentacosane (S)	SW8015B		59 - 129		<b>101</b>		%	10/01/19	19:07	MK	442805

**NOTE:** x-not typical of Diesel ref. std: peaks within Diesel range quantified as diesel





## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/28/19, 4:40 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-1(24-24.5)	<b>Lab Sample ID:</b>	1909254-008B
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/28/19 / 15:23		
<b>SDG:</b>			

<b>Prep Method:</b> 5035	<b>Prep Batch Date/Time:</b> 10/3/19 10:32:00AM
<b>Prep Batch ID:</b> 1117123	<b>Prep Analyst:</b> BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
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*The results shown below are reported using their MDL.*

Dichlorodifluoromethane	SW8260B	2000	2800	23000	ND		ug/Kg	10/03/19	14:41	BP	442845
Chloromethane	SW8260B	2000	4200	23000	ND		ug/Kg	10/03/19	14:41	BP	442845
Vinyl Chloride	SW8260B	2000	4700	23000	ND		ug/Kg	10/03/19	14:41	BP	442845
Bromomethane	SW8260B	2000	6200	23000	ND		ug/Kg	10/03/19	14:41	BP	442845
Chloroethane	SW8260B	2000	6900	23000	ND		ug/Kg	10/03/19	14:41	BP	442845
Trichlorofluoromethane	SW8260B	2000	4700	23000	ND		ug/Kg	10/03/19	14:41	BP	442845
1,1-Dichloroethene	SW8260B	2000	4700	23000	ND		ug/Kg	10/03/19	14:41	BP	442845
Freon 113	SW8260B	2000	4300	23000	ND		ug/Kg	10/03/19	14:41	BP	442845
Methylene Chloride	SW8260B	2000	16000	23000	ND		ug/Kg	10/03/19	14:41	BP	442845
trans-1,2-Dichloroethene	SW8260B	2000	4800	23000	ND		ug/Kg	10/03/19	14:41	BP	442845
MTBE	SW8260B	2000	5400	23000	ND		ug/Kg	10/03/19	14:41	BP	442845
TBA	SW8260B	2000	27000	110000	ND		ug/Kg	10/03/19	14:41	BP	442845
Diisopropyl ether	SW8260B	2000	5300	23000	ND		ug/Kg	10/03/19	14:41	BP	442845
1,1-Dichloroethane	SW8260B	2000	5100	23000	ND		ug/Kg	10/03/19	14:41	BP	442845
Ethyl tert-Butyl ether	SW8260B	2000	5300	23000	ND		ug/Kg	10/03/19	14:41	BP	442845
cis-1,2-Dichloroethene	SW8260B	2000	5100	23000	ND		ug/Kg	10/03/19	14:41	BP	442845
2,2-Dichloropropane	SW8260B	2000	4400	23000	ND		ug/Kg	10/03/19	14:41	BP	442845
Bromochloromethane	SW8260B	2000	5400	23000	ND		ug/Kg	10/03/19	14:41	BP	442845
Chloroform	SW8260B	2000	5400	23000	ND		ug/Kg	10/03/19	14:41	BP	442845
Carbon Tetrachloride	SW8260B	2000	4700	23000	ND		ug/Kg	10/03/19	14:41	BP	442845
1,1,1-Trichloroethane	SW8260B	2000	4800	23000	ND		ug/Kg	10/03/19	14:41	BP	442845
1,1-Dichloropropene	SW8260B	2000	4500	23000	ND		ug/Kg	10/03/19	14:41	BP	442845
Benzene	SW8260B	2000	5100	23000	ND		ug/Kg	10/03/19	14:41	BP	442845
TAME	SW8260B	2000	5200	23000	ND		ug/Kg	10/03/19	14:41	BP	442845
1,2-Dichloroethane	SW8260B	2000	5300	23000	ND		ug/Kg	10/03/19	14:41	BP	442845
Trichloroethylene	SW8260B	2000	4100	23000	ND		ug/Kg	10/03/19	14:41	BP	442845
Dibromomethane	SW8260B	2000	4200	23000	ND		ug/Kg	10/03/19	14:41	BP	442845
1,2-Dichloropropane	SW8260B	2000	4300	23000	ND		ug/Kg	10/03/19	14:41	BP	442845
Bromodichloromethane	SW8260B	2000	4500	23000	ND		ug/Kg	10/03/19	14:41	BP	442845
cis-1,3-Dichloropropene	SW8260B	2000	3700	23000	ND		ug/Kg	10/03/19	14:41	BP	442845
Toluene	SW8260B	2000	4200	23000	ND		ug/Kg	10/03/19	14:41	BP	442845
Tetrachloroethylene	SW8260B	2000	3800	23000	ND		ug/Kg	10/03/19	14:41	BP	442845
trans-1,3-Dichloropropene	SW8260B	2000	3800	23000	ND		ug/Kg	10/03/19	14:41	BP	442845
1,1,2-Trichloroethane	SW8260B	2000	4200	23000	ND		ug/Kg	10/03/19	14:41	BP	442845



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/28/19, 4:40 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-1(24-24.5)	<b>Lab Sample ID:</b>	1909254-008B
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/28/19 / 15:23		
<b>SDG:</b>			

<b>Prep Method:</b> 5035	<b>Prep Batch Date/Time:</b> 10/3/19	10:32:00AM
<b>Prep Batch ID:</b> 1117123	<b>Prep Analyst:</b> BPATEL	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
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*The results shown below are reported using their MDL.*

Dibromochloromethane	SW8260B	2000	4300	23000	ND		ug/Kg	10/03/19	14:41	BP	442845
1,3-Dichloropropane	SW8260B	2000	4200	23000	ND		ug/Kg	10/03/19	14:41	BP	442845
1,2-Dibromoethane	SW8260B	2000	4100	23000	ND		ug/Kg	10/03/19	14:41	BP	442845
Chlorobenzene	SW8260B	2000	4200	23000	ND		ug/Kg	10/03/19	14:41	BP	442845
Ethylbenzene	SW8260B	2000	3800	23000	ND		ug/Kg	10/03/19	14:41	BP	442845
1,1,1,2-Tetrachloroethane	SW8260B	2000	4400	23000	ND		ug/Kg	10/03/19	14:41	BP	442845
m,p-Xylene	SW8260B	2000	7300	23000	ND		ug/Kg	10/03/19	14:41	BP	442845
o-Xylene	SW8260B	2000	4000	23000	ND		ug/Kg	10/03/19	14:41	BP	442845
Styrene	SW8260B	2000	3800	23000	ND		ug/Kg	10/03/19	14:41	BP	442845
Bromoform	SW8260B	2000	3900	23000	ND		ug/Kg	10/03/19	14:41	BP	442845
Isopropyl Benzene	SW8260B	2000	3700	23000	ND		ug/Kg	10/03/19	14:41	BP	442845
n-Propylbenzene	SW8260B	2000	3600	23000	ND		ug/Kg	10/03/19	14:41	BP	442845
Bromobenzene	SW8260B	2000	4000	23000	ND		ug/Kg	10/03/19	14:41	BP	442845
1,1,2,2-Tetrachloroethane	SW8260B	2000	4400	23000	ND		ug/Kg	10/03/19	14:41	BP	442845
2-Chlorotoluene	SW8260B	2000	4000	23000	ND		ug/Kg	10/03/19	14:41	BP	442845
1,3,5-Trimethylbenzene	SW8260B	2000	3600	23000	ND		ug/Kg	10/03/19	14:41	BP	442845
1,2,3-Trichloropropane	SW8260B	2000	4400	23000	ND		ug/Kg	10/03/19	14:41	BP	442845
4-Chlorotoluene	SW8260B	2000	3800	23000	ND		ug/Kg	10/03/19	14:41	BP	442845
tert-Butylbenzene	SW8260B	2000	3700	23000	ND		ug/Kg	10/03/19	14:41	BP	442845
1,2,4-Trimethylbenzene	SW8260B	2000	3100	23000	ND		ug/Kg	10/03/19	14:41	BP	442845
sec-Butyl Benzene	SW8260B	2000	3600	23000	ND		ug/Kg	10/03/19	14:41	BP	442845
p-Isopropyltoluene	SW8260B	2000	3400	23000	ND		ug/Kg	10/03/19	14:41	BP	442845
1,3-Dichlorobenzene	SW8260B	2000	3800	23000	ND		ug/Kg	10/03/19	14:41	BP	442845
1,4-Dichlorobenzene	SW8260B	2000	3900	23000	ND		ug/Kg	10/03/19	14:41	BP	442845
n-Butylbenzene	SW8260B	2000	3300	23000	ND		ug/Kg	10/03/19	14:41	BP	442845
1,2-Dichlorobenzene	SW8260B	2000	4100	23000	ND		ug/Kg	10/03/19	14:41	BP	442845
1,2-Dibromo-3-Chloropropane	SW8260B	2000	4200	23000	ND		ug/Kg	10/03/19	14:41	BP	442845
Hexachlorobutadiene	SW8260B	2000	3100	23000	ND		ug/Kg	10/03/19	14:41	BP	442845
1,2,4-Trichlorobenzene	SW8260B	2000	3400	23000	ND		ug/Kg	10/03/19	14:41	BP	442845
Naphthalene	SW8260B	2000	3800	23000	ND		ug/Kg	10/03/19	14:41	BP	442845
1,2,3-Trichlorobenzene	SW8260B	2000	3800	23000	ND		ug/Kg	10/03/19	14:41	BP	442845
2-Butanone	SW8260B	2000	5200	23000	ND		ug/Kg	10/03/19	14:41	BP	442845
(S) Dibromofluoromethane	SW8260B		59.8 - 148		<b>101</b>		%	10/03/19	14:41	BP	442845
(S) Toluene-d8	SW8260B		55.2 - 133		<b>97.5</b>		%	10/03/19	14:41	BP	442845



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/28/19, 4:40 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-1(24-24.5)	<b>Lab Sample ID:</b>	1909254-008B
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/28/19 / 15:23		
<b>SDG:</b>			

<b>Prep Method:</b> 5035	<b>Prep Batch Date/Time:</b> 10/3/19	10:32:00AM
<b>Prep Batch ID:</b> 1117123	<b>Prep Analyst:</b> BPATEL	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
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*The results shown below are reported using their MDL.*

(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		<b>106</b>		%	10/03/19	14:41	BP	442845
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**NOTE:** Methanol Extracted - The reporting limits were raised due to the high concentration of non-target heavy end compounds



### SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/28/19, 4:40 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-1(24-24.5)	<b>Lab Sample ID:</b>	1909254-008B
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/28/19 / 15:23		
<b>SDG:</b>			

<b>Prep Method:</b> 5035GRO	<b>Prep Batch Date/Time:</b> 10/3/19	10:23:00AM
<b>Prep Batch ID:</b> 1117124	<b>Prep Analyst:</b> BPATEL	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH(Gasoline)	8260TPH	2000	99000	230000	<b>4820000</b>	x	ug/Kg	10/03/19	14:41	bp	442845
(S) 4-Bromofluorobenzene	8260TPH		43.9 - 127		<b>105</b>		%	10/03/19	14:41	bp	442845

**NOTE:** x – Does not match pattern of reference Gasoline standard. Reported value due to contribution from non-target heavy hydrocarbons in the C5-C12 Gasoline quantitation range.



### SAMPLE RESULTS

Report prepared for: Ron Helm  
Cornerstone Earth Group

Date/Time Received: 09/28/19, 4:40 pm  
Date Reported: 10/18/19

Client Sample ID:	EB-1(39-39.5)	Lab Sample ID:	1909254-010A
Project Name/Location:	95 S. Almaden Soil Profiling	Sample Matrix:	Soil
Project Number:	510-29-2		
Date/Time Sampled:	09/28/19 / 16:01		
SDG:			

Prep Method:	7471BP	Prep Batch Date/Time:	9/30/19 5:30:00PM
Prep Batch ID:	1117035	Prep Analyst:	IRNAZ

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Mercury	SW7471B	1	0.10	0.63	ND		mg/Kg	10/01/19	10:37	BJAY	442816



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/28/19, 4:40 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-1(39-39.5)	<b>Lab Sample ID:</b>	1909254-010A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/28/19 / 16:01		
<b>SDG:</b>			

<b>Prep Method:</b> 3050B	<b>Prep Batch Date/Time:</b> 9/30/19	5:15:00PM
<b>Prep Batch ID:</b> 1117036	<b>Prep Analyst:</b> IRNAZ	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Antimony	SW6010B	1	0.063	6.25	ND		mg/Kg	10/01/19	13:16	PPATEL	442796
Arsenic	SW6010B	1	0.19	1.63	ND		mg/Kg	10/01/19	13:16	PPATEL	442796
Barium	SW6010B	1	0.069	6.25	<b>122</b>		mg/Kg	10/01/19	13:16	PPATEL	442796
Beryllium	SW6010B	1	0.069	6.25	ND		mg/Kg	10/01/19	13:16	PPATEL	442796
Cadmium	SW6010B	1	0.13	6.25	ND		mg/Kg	10/01/19	13:16	PPATEL	442796
Chromium	SW6010B	1	0.094	6.25	<b>54.6</b>		mg/Kg	10/01/19	13:16	PPATEL	442796
Cobalt	SW6010B	1	0.088	6.25	<b>15.4</b>		mg/Kg	10/01/19	13:16	PPATEL	442796
Copper	SW6010B	1	0.25	6.25	<b>35.1</b>		mg/Kg	10/01/19	13:16	PPATEL	442796
Lead	SW6010B	1	0.13	3.75	<b>9.19</b>		mg/Kg	10/01/19	13:16	PPATEL	442796
Molybdenum	SW6010B	1	0.063	6.25	ND		mg/Kg	10/01/19	13:16	PPATEL	442796
Nickel	SW6010B	1	0.63	6.25	<b>81.3</b>		mg/Kg	10/01/19	13:16	PPATEL	442796
Selenium	SW6010B	1	0.28	6.25	ND		mg/Kg	10/01/19	13:16	PPATEL	442796
Silver	SW6010B	1	0.19	6.25	ND		mg/Kg	10/01/19	13:16	PPATEL	442796
Thallium	SW6010B	1	0.69	6.25	ND		mg/Kg	10/01/19	13:16	PPATEL	442796
Vanadium	SW6010B	1	0.13	6.25	<b>46.3</b>		mg/Kg	10/01/19	13:16	PPATEL	442796
Zinc	SW6010B	1	0.38	6.25	<b>71.9</b>		mg/Kg	10/01/19	13:16	PPATEL	442796



### SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/28/19, 4:40 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-1(39-39.5)	<b>Lab Sample ID:</b>	1909254-010A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/28/19 / 16:01		
<b>SDG:</b>			

<b>Prep Method:</b> WET/3010B	<b>Prep Batch Date/Time:</b> 10/16/19	1:30:00PM
<b>Prep Batch ID:</b> 1117446	<b>Prep Analyst:</b> IRNAZ	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Chromium (STLC)	SW6010B	1	0.010	0.20	<b>0.250</b>		mg/L	10/16/19	17:56	PPATEL	443175



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/28/19, 4:40 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-1(39-39.5)	<b>Lab Sample ID:</b>	1909254-010A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/28/19 / 16:01		
<b>SDG:</b>			

<b>Prep Method:</b> % Water-P	<b>Prep Batch Date/Time:</b> 10/4/19	6:50:00PM
<b>Prep Batch ID:</b> 1117182	<b>Prep Analyst:</b> BJAY	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Moisture, Percent	ASTM D2216-90	1	0.050	0.050	<b>24.9</b>		%	10/05/19	12:30	BJAY	442910
Dry Weight Factor	ASTM D2216-90	1	1	1	<b>1.25</b>		-	10/05/19	12:30	BJAY	442910





## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/28/19, 4:40 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-1(39-39.5)	<b>Lab Sample ID:</b>	1909254-010A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/28/19 / 16:01		
<b>SDG:</b>			

<b>Prep Method:</b> 3546_TPH	<b>Prep Batch Date/Time:</b> 10/1/19 1:20:00PM
<b>Prep Batch ID:</b> 1117043	<b>Prep Analyst:</b> SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel	SW8015B	1	0.85	2.0	ND		mg/Kg	10/01/19	23:48	MK	442805
TPH as Motor Oil	SW8015B	1	3.2	10	ND		mg/Kg	10/01/19	23:48	MK	442805
			Acceptance Limits								
Pentacosane (S)	SW8015B		59 - 129		<b>86.4</b>		%	10/01/19	23:48	MK	442805



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/28/19, 4:40 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-1(39-39.5)	<b>Lab Sample ID:</b>	1909254-010B
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/28/19 / 16:01		
<b>SDG:</b>			

<b>Prep Method:</b> 5035	<b>Prep Batch Date/Time:</b> 9/30/19 9:17:00AM
<b>Prep Batch ID:</b> 1117117	<b>Prep Analyst:</b> BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	SW8260B	1	1.3	11	ND		ug/Kg	09/30/19	19:29	BP	442843
Chloromethane	SW8260B	1	1.9	11	ND		ug/Kg	09/30/19	19:29	BP	442843
Vinyl Chloride	SW8260B	1	2.2	11	ND		ug/Kg	09/30/19	19:29	BP	442843
Bromomethane	SW8260B	1	2.8	11	ND		ug/Kg	09/30/19	19:29	BP	442843
Chloroethane	SW8260B	1	3.2	11	ND		ug/Kg	09/30/19	19:29	BP	442843
Trichlorofluoromethane	SW8260B	1	2.2	11	ND		ug/Kg	09/30/19	19:29	BP	442843
1,1-Dichloroethene	SW8260B	1	2.1	11	ND		ug/Kg	09/30/19	19:29	BP	442843
Freon 113	SW8260B	1	2.0	11	ND		ug/Kg	09/30/19	19:29	BP	442843
Methylene Chloride	SW8260B	1	7.5	11	ND		ug/Kg	09/30/19	19:29	BP	442843
trans-1,2-Dichloroethene	SW8260B	1	2.2	11	ND		ug/Kg	09/30/19	19:29	BP	442843
MTBE	SW8260B	1	2.5	11	ND		ug/Kg	09/30/19	19:29	BP	442843
TBA	SW8260B	1	12	53	ND		ug/Kg	09/30/19	19:29	BP	442843
Diisopropyl ether	SW8260B	1	2.4	11	ND		ug/Kg	09/30/19	19:29	BP	442843
1,1-Dichloroethane	SW8260B	1	2.3	11	ND		ug/Kg	09/30/19	19:29	BP	442843
Ethyl tert-Butyl ether	SW8260B	1	2.4	11	ND		ug/Kg	09/30/19	19:29	BP	442843
cis-1,2-Dichloroethene	SW8260B	1	2.3	11	ND		ug/Kg	09/30/19	19:29	BP	442843
2,2-Dichloropropane	SW8260B	1	2.0	11	ND		ug/Kg	09/30/19	19:29	BP	442843
Bromochloromethane	SW8260B	1	2.5	11	ND		ug/Kg	09/30/19	19:29	BP	442843
Chloroform	SW8260B	1	2.5	11	ND		ug/Kg	09/30/19	19:29	BP	442843
Carbon Tetrachloride	SW8260B	1	2.2	11	ND		ug/Kg	09/30/19	19:29	BP	442843
1,1,1-Trichloroethane	SW8260B	1	2.2	11	ND		ug/Kg	09/30/19	19:29	BP	442843
1,1-Dichloropropene	SW8260B	1	2.1	11	ND		ug/Kg	09/30/19	19:29	BP	442843
Benzene	SW8260B	1	2.3	11	ND		ug/Kg	09/30/19	19:29	BP	442843
TAME	SW8260B	1	2.4	11	ND		ug/Kg	09/30/19	19:29	BP	442843
1,2-Dichloroethane	SW8260B	1	2.4	11	ND		ug/Kg	09/30/19	19:29	BP	442843
Trichloroethylene	SW8260B	1	1.9	11	ND		ug/Kg	09/30/19	19:29	BP	442843
Dibromomethane	SW8260B	1	1.9	11	ND		ug/Kg	09/30/19	19:29	BP	442843
1,2-Dichloropropane	SW8260B	1	2.0	11	ND		ug/Kg	09/30/19	19:29	BP	442843
Bromodichloromethane	SW8260B	1	2.1	11	ND		ug/Kg	09/30/19	19:29	BP	442843
cis-1,3-Dichloropropene	SW8260B	1	1.7	11	ND		ug/Kg	09/30/19	19:29	BP	442843
Toluene	SW8260B	1	1.9	11	ND		ug/Kg	09/30/19	19:29	BP	442843
Tetrachloroethylene	SW8260B	1	1.7	11	ND		ug/Kg	09/30/19	19:29	BP	442843
trans-1,3-Dichloropropene	SW8260B	1	1.7	11	ND		ug/Kg	09/30/19	19:29	BP	442843
1,1,2-Trichloroethane	SW8260B	1	1.9	11	ND		ug/Kg	09/30/19	19:29	BP	442843
Dibromochloromethane	SW8260B	1	2.0	11	ND		ug/Kg	09/30/19	19:29	BP	442843



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/28/19, 4:40 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-1(39-39.5)	<b>Lab Sample ID:</b>	1909254-010B
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/28/19 / 16:01		
<b>SDG:</b>			

<b>Prep Method:</b> 5035	<b>Prep Batch Date/Time:</b> 9/30/19 9:17:00AM
<b>Prep Batch ID:</b> 1117117	<b>Prep Analyst:</b> BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
1,3-Dichloropropane	SW8260B	1	1.9	11	ND		ug/Kg	09/30/19	19:29	BP	442843
1,2-Dibromoethane	SW8260B	1	1.9	11	ND		ug/Kg	09/30/19	19:29	BP	442843
Chlorobenzene	SW8260B	1	1.9	11	ND		ug/Kg	09/30/19	19:29	BP	442843
Ethylbenzene	SW8260B	1	1.7	11	ND		ug/Kg	09/30/19	19:29	BP	442843
1,1,1,2-Tetrachloroethane	SW8260B	1	2.0	11	ND		ug/Kg	09/30/19	19:29	BP	442843
m,p-Xylene	SW8260B	1	3.3	11	ND		ug/Kg	09/30/19	19:29	BP	442843
o-Xylene	SW8260B	1	1.8	11	ND		ug/Kg	09/30/19	19:29	BP	442843
Styrene	SW8260B	1	1.7	11	ND		ug/Kg	09/30/19	19:29	BP	442843
Bromoforn	SW8260B	1	1.8	11	ND		ug/Kg	09/30/19	19:29	BP	442843
Isopropyl Benzene	SW8260B	1	1.7	11	ND		ug/Kg	09/30/19	19:29	BP	442843
n-Propylbenzene	SW8260B	1	1.6	11	ND		ug/Kg	09/30/19	19:29	BP	442843
Bromobenzene	SW8260B	1	1.8	11	ND		ug/Kg	09/30/19	19:29	BP	442843
1,1,2,2-Tetrachloroethane	SW8260B	1	2.0	11	ND		ug/Kg	09/30/19	19:29	BP	442843
2-Chlorotoluene	SW8260B	1	1.9	11	ND		ug/Kg	09/30/19	19:29	BP	442843
1,3,5-Trimethylbenzene	SW8260B	1	1.7	11	ND		ug/Kg	09/30/19	19:29	BP	442843
1,2,3-Trichloropropane	SW8260B	1	2.0	11	ND		ug/Kg	09/30/19	19:29	BP	442843
4-Chlorotoluene	SW8260B	1	1.7	11	ND		ug/Kg	09/30/19	19:29	BP	442843
tert-Butylbenzene	SW8260B	1	1.7	11	ND		ug/Kg	09/30/19	19:29	BP	442843
1,2,4-Trimethylbenzene	SW8260B	1	1.4	11	ND		ug/Kg	09/30/19	19:29	BP	442843
sec-Butyl Benzene	SW8260B	1	1.6	11	ND		ug/Kg	09/30/19	19:29	BP	442843
p-Isopropyltoluene	SW8260B	1	1.5	11	ND		ug/Kg	09/30/19	19:29	BP	442843
1,3-Dichlorobenzene	SW8260B	1	1.8	11	ND		ug/Kg	09/30/19	19:29	BP	442843
1,4-Dichlorobenzene	SW8260B	1	1.8	11	ND		ug/Kg	09/30/19	19:29	BP	442843
n-Butylbenzene	SW8260B	1	1.5	11	ND		ug/Kg	09/30/19	19:29	BP	442843
1,2-Dichlorobenzene	SW8260B	1	1.9	11	ND		ug/Kg	09/30/19	19:29	BP	442843
1,2-Dibromo-3-Chloropropane	SW8260B	1	1.9	11	ND		ug/Kg	09/30/19	19:29	BP	442843
Hexachlorobutadiene	SW8260B	1	1.4	11	ND		ug/Kg	09/30/19	19:29	BP	442843
1,2,4-Trichlorobenzene	SW8260B	1	1.6	11	ND		ug/Kg	09/30/19	19:29	BP	442843
Naphthalene	SW8260B	1	1.8	11	ND		ug/Kg	09/30/19	19:29	BP	442843
1,2,3-Trichlorobenzene	SW8260B	1	1.8	11	ND		ug/Kg	09/30/19	19:29	BP	442843
2-Butanone	SW8260B	1	2.4	11	ND		ug/Kg	09/30/19	19:29	BP	442843
(S) Dibromofluoromethane	SW8260B		59.8 - 148		<b>98.0</b>		%	09/30/19	19:29	BP	442843
(S) Toluene-d8	SW8260B		55.2 - 133		<b>102</b>		%	09/30/19	19:29	BP	442843
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		<b>96.7</b>		%	09/30/19	19:29	BP	442843



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/28/19, 4:40 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-1(39-39.5)	<b>Lab Sample ID:</b>	1909254-010B
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/28/19 / 16:01		
<b>SDG:</b>			

<b>Prep Method:</b> 5035GRO	<b>Prep Batch Date/Time:</b> 9/30/19	9:17:00AM
<b>Prep Batch ID:</b> 1117118	<b>Prep Analyst:</b> BPATEL	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH(Gasoline)	8260TPH	1	45	110	ND		ug/Kg	09/30/19	19:29	BP	442843
(S) 4-Bromofluorobenzene	8260TPH		43.9 - 127		<b>85.1</b>		%	09/30/19	19:29	BP	442843



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/28/19, 4:40 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-4(0-0.5)	<b>Lab Sample ID:</b>	1909254-011A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/28/19 / 8:49		
<b>SDG:</b>			

<b>Prep Method:</b> 7471BP	<b>Prep Batch Date/Time:</b> 9/30/19	5:30:00PM
<b>Prep Batch ID:</b> 1117035	<b>Prep Analyst:</b>	IRNAZ

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Mercury	SW7471B	1	0.092	0.55	ND		mg/Kg	10/01/19	10:39	BJAY	442816



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/28/19, 4:40 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-4(0-0.5)	<b>Lab Sample ID:</b>	1909254-011A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/28/19 / 8:49		
<b>SDG:</b>			

<b>Prep Method:</b> 3050B	<b>Prep Batch Date/Time:</b> 9/30/19	5:15:00PM
<b>Prep Batch ID:</b> 1117036	<b>Prep Analyst:</b> IRNAZ	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Antimony	SW6010B	1	0.055	5.50	ND		mg/Kg	10/01/19	13:19	PPATEL	442796
Arsenic	SW6010B	1	0.17	1.43	<b>2.81</b>		mg/Kg	10/01/19	13:19	PPATEL	442796
Barium	SW6010B	1	0.061	5.50	<b>85.8</b>		mg/Kg	10/01/19	13:19	PPATEL	442796
Beryllium	SW6010B	1	0.061	5.50	ND		mg/Kg	10/01/19	13:19	PPATEL	442796
Cadmium	SW6010B	1	0.11	5.50	ND		mg/Kg	10/01/19	13:19	PPATEL	442796
Chromium	SW6010B	1	0.083	5.50	<b>79.2</b>		mg/Kg	10/01/19	13:19	PPATEL	442796
Cobalt	SW6010B	1	0.077	5.50	<b>18.9</b>		mg/Kg	10/01/19	13:19	PPATEL	442796
Copper	SW6010B	1	0.22	5.50	<b>26.6</b>		mg/Kg	10/01/19	13:19	PPATEL	442796
Lead	SW6010B	1	0.11	3.30	<b>33.0</b>		mg/Kg	10/01/19	13:19	PPATEL	442796
Molybdenum	SW6010B	1	0.055	5.50	ND		mg/Kg	10/01/19	13:19	PPATEL	442796
Nickel	SW6010B	1	0.55	5.50	<b>246</b>		mg/Kg	10/01/19	13:19	PPATEL	442796
Selenium	SW6010B	1	0.24	5.50	ND		mg/Kg	10/01/19	13:19	PPATEL	442796
Silver	SW6010B	1	0.17	5.50	ND		mg/Kg	10/01/19	13:19	PPATEL	442796
Thallium	SW6010B	1	0.61	5.50	ND		mg/Kg	10/01/19	13:19	PPATEL	442796
Vanadium	SW6010B	1	0.11	5.50	<b>30.0</b>		mg/Kg	10/01/19	13:19	PPATEL	442796
Zinc	SW6010B	1	0.33	5.50	<b>58.9</b>		mg/Kg	10/01/19	13:19	PPATEL	442796



### SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/28/19, 4:40 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-4(0-0.5)	<b>Lab Sample ID:</b>	1909254-011A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/28/19 / 8:49		
<b>SDG:</b>			

<b>Prep Method:</b> WET/3010B	<b>Prep Batch Date/Time:</b> 10/10/19	3:50:00PM
<b>Prep Batch ID:</b> 1117290	<b>Prep Analyst:</b> BJAY	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Chromium (STLC)	SW6010B	1	0.010	0.20	<b>0.310</b>		mg/L	10/10/19	19:19	PPATEL	443035
Nickel (STLC)	SW6010B	1	0.010	0.20	<b>3.59</b>		mg/L	10/10/19	19:19	PPATEL	443035



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/28/19, 4:40 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-4(0-0.5)	<b>Lab Sample ID:</b>	1909254-011A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/28/19 / 8:49		
<b>SDG:</b>			

<b>Prep Method:</b> 3546_PAHSIM	<b>Prep Batch Date/Time:</b> 10/1/19 10:26:00AM
<b>Prep Batch ID:</b> 1117039	<b>Prep Analyst:</b> SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
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*The results shown below are reported using their MDL.*

Naphthalene	SW8270C	2	16	120	ND		ug/Kg	10/01/19	15:40	MT	442817
2-Methylnaphthalene	SW8270C	2	6.8	120	<b>16</b>	J	ug/Kg	10/01/19	15:40	MT	442817
1-Methylnaphthalene	SW8270C	2	5.6	120	<b>9.9</b>	J	ug/Kg	10/01/19	15:40	MT	442817
Acenaphthylene	SW8270C	2	5.7	120	<b>6.2</b>	J	ug/Kg	10/01/19	15:40	MT	442817
Acenaphthene	SW8270C	2	4.9	120	ND		ug/Kg	10/01/19	15:40	MT	442817
Fluorene	SW8270C	2	8.2	120	ND		ug/Kg	10/01/19	15:40	MT	442817
Phenanthrene	SW8270C	2	18	120	<b>18</b>	J	ug/Kg	10/01/19	15:40	MT	442817
Anthracene	SW8270C	2	16	120	ND		ug/Kg	10/01/19	15:40	MT	442817
Fluoranthene	SW8270C	2	16	120	ND		ug/Kg	10/01/19	15:40	MT	442817
Pyrene	SW8270C	2	17	120	<b>21</b>	J	ug/Kg	10/01/19	15:40	MT	442817
Benz[a]anthracene	SW8270C	2	14	120	<b>47</b>	J	ug/Kg	10/01/19	15:40	MT	442817
Chrysene	SW8270C	2	15	120	<b>28</b>	J	ug/Kg	10/01/19	15:40	MT	442817
Benzo[b]fluoranthene	SW8270C	2	7.4	120	<b>23</b>	J	ug/Kg	10/01/19	15:40	MT	442817
Benzo[k]fluoranthene	SW8270C	2	6.9	120	<b>12</b>	J	ug/Kg	10/01/19	15:40	MT	442817
Benzo[a]pyrene	SW8270C	2	8.7	120	<b>24</b>	J	ug/Kg	10/01/19	15:40	MT	442817
Indeno[1,2,3-cd]pyrene	SW8270C	2	6.7	120	<b>23</b>	J	ug/Kg	10/01/19	15:40	MT	442817
Dibenz[a,h]anthracene	SW8270C	2	8.4	120	<b>15</b>	J	ug/Kg	10/01/19	15:40	MT	442817
Benzo[g,h,i]perylene	SW8270C	2	8.2	120	<b>51</b>	J	ug/Kg	10/01/19	15:40	MT	442817
Acceptance Limits											
2-Fluorobiphenyl (S)	SW8270C		45 - 125		<b>0.00</b>	D	%	10/01/19	15:40	MT	442817
p-Terphenyl-d14 (S)	SW8270C		30 - 125		<b>0.00</b>	D	%	10/01/19	15:40	MT	442817

**NOTE:** Reporting limits raised due to nature of the matrix (extremely dark and viscous extract) and necessary dilution of the sample.





## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/28/19, 4:40 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-4(0-0.5)	<b>Lab Sample ID:</b>	1909254-011A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/28/19 / 8:49		
<b>SDG:</b>			

<b>Prep Method:</b> 3546_PCB	<b>Prep Batch Date/Time:</b> 10/1/19 1:30:00PM
<b>Prep Batch ID:</b> 1117046	<b>Prep Analyst:</b> SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Aroclor1016	SW8082A	1	58	110	ND		ug/Kg	10/01/19	14:54	MK	442798
Aroclor1221	SW8082A	1	5.5	110	ND		ug/Kg	10/01/19	14:54	MK	442798
Aroclor1232	SW8082A	1	19	110	ND		ug/Kg	10/01/19	14:54	MK	442798
Aroclor1242	SW8082A	1	3.3	110	ND		ug/Kg	10/01/19	14:54	MK	442798
Aroclor1248	SW8082A	1	2.2	110	ND		ug/Kg	10/01/19	14:54	MK	442798
Aroclor1254	SW8082A	1	2.2	110	ND		ug/Kg	10/01/19	14:54	MK	442798
Aroclor1260	SW8082A	1	40	110	<b>117</b>		ug/Kg	10/01/19	14:54	MK	442798
Acceptance Limits											
TCMX (S)	SW8082A		48 - 125		<b>119</b>		%	10/01/19	14:54	MK	442798
DCBP (S)	SW8082A		48 - 135		<b>103</b>		%	10/01/19	14:54	MK	442798



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/28/19, 4:40 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-4(0-0.5)	<b>Lab Sample ID:</b>	1909254-011A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/28/19 / 8:49		
<b>SDG:</b>			

<b>Prep Method:</b> 3546_OCP	<b>Prep Batch Date/Time:</b> 10/1/19 1:26:00PM
<b>Prep Batch ID:</b> 1117044	<b>Prep Analyst:</b> SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
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*The results shown below are reported using their MDL.*

alpha-BHC	SW8081B	20	2.8	44	ND		ug/Kg	10/01/19	20:30	MK	442844
gamma-BHC (Lindane)	SW8081B	20	3.5	44	ND		ug/Kg	10/01/19	20:30	MK	442844
beta-BHC	SW8081B	20	7.0	44	ND		ug/Kg	10/01/19	20:30	MK	442844
delta-BHC	SW8081B	20	3.4	44	ND		ug/Kg	10/01/19	20:30	MK	442844
Heptachlor	SW8081B	20	2.3	44	ND		ug/Kg	10/01/19	20:30	MK	442844
Aldrin	SW8081B	20	4.3	44	ND		ug/Kg	10/01/19	20:30	MK	442844
Heptachlor Epoxide	SW8081B	20	1.7	44	ND		ug/Kg	10/01/19	20:30	MK	442844
gamma-Chlordane	SW8081B	20	3.6	44	ND		ug/Kg	10/01/19	20:30	MK	442844
alpha-Chlordane	SW8081B	20	3.8	44	ND		ug/Kg	10/01/19	20:30	MK	442844
4,4'-DDE	SW8081B	20	4.3	44	ND		ug/Kg	10/01/19	20:30	MK	442844
Endosulfan I	SW8081B	20	4.0	44	ND		ug/Kg	10/01/19	20:30	MK	442844
Dieldrin	SW8081B	20	3.3	44	ND		ug/Kg	10/01/19	20:30	MK	442844
Endrin	SW8081B	20	4.1	44	ND		ug/Kg	10/01/19	20:30	MK	442844
4,4'-DDD	SW8081B	20	12	44	ND		ug/Kg	10/01/19	20:30	MK	442844
Endosulfan II	SW8081B	20	13	44	ND		ug/Kg	10/01/19	20:30	MK	442844
4,4'-DDT	SW8081B	20	2.8	44	5.39	J	ug/Kg	10/01/19	20:30	MK	442844
Endrin Aldehyde	SW8081B	20	3.3	44	ND		ug/Kg	10/01/19	20:30	MK	442844
Methoxychlor	SW8081B	20	4.4	44	ND		ug/Kg	10/01/19	20:30	MK	442844
Endosulfan Sulfate	SW8081B	20	2.6	44	ND		ug/Kg	10/01/19	20:30	MK	442844
Endrin Ketone	SW8081B	20	2.1	44	ND		ug/Kg	10/01/19	20:30	MK	442844
Chlordane	SW8081B	20	46	440	ND		ug/Kg	10/01/19	20:30	MK	442844
Toxaphene	SW8081B	20	190	1100	ND		ug/Kg	10/01/19	20:30	MK	442844
Acceptance Limits											
TCMX (S)	SW8081B		48 - 125		0.000	D	%	10/01/19	20:30	MK	442844
DCBP (S)	SW8081B		38 - 135		0.000	D	%	10/01/19	20:30	MK	442844

**NOTE:** Sample diluted due to nature of the matrix (dark, viscous extract)



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/28/19, 4:40 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-4(0-0.5)	<b>Lab Sample ID:</b>	1909254-011A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/28/19 / 8:49		
<b>SDG:</b>			

<b>Prep Method:</b> % Water-P	<b>Prep Batch Date/Time:</b> 10/4/19	6:50:00PM
<b>Prep Batch ID:</b> 1117182	<b>Prep Analyst:</b> BJAY	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Moisture, Percent	ASTM D2216-90	1	0.050	0.050	<b>9.82</b>		%	10/05/19	12:30	BJAY	442910
Dry Weight Factor	ASTM D2216-90	1	1	1	<b>1.10</b>		-	10/05/19	12:30	BJAY	442910



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/28/19, 4:40 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-4(0-0.5)	<b>Lab Sample ID:</b>	1909254-011A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/28/19 / 8:49		
<b>SDG:</b>			

<b>Prep Method:</b> 3546_BNA	<b>Prep Batch Date/Time:</b> 10/1/19 10:24:00AM
<b>Prep Batch ID:</b> 1117038	<b>Prep Analyst:</b> SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
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*The results shown below are reported using their MDL.*

N-Nitrosodimethylamine	SW8270C	2	1430	22000	ND		ug/Kg	10/02/19	21:49	MT	442802
Phenol	SW8270C	2	1340	8800	ND		ug/Kg	10/02/19	21:49	MT	442802
Bis(2-chloroethyl)ether	SW8270C	2	406	4400	ND		ug/Kg	10/02/19	21:49	MT	442802
2-Chlorophenol	SW8270C	2	1460	8800	ND		ug/Kg	10/02/19	21:49	MT	442802
1,3-Dichlorobenzene	SW8270C	2	401	4400	ND		ug/Kg	10/02/19	21:49	MT	442802
1,4-Dichlorobenzene	SW8270C	2	447	4400	ND		ug/Kg	10/02/19	21:49	MT	442802
Benzyl Alcohol	SW8270C	2	625	8800	ND		ug/Kg	10/02/19	21:49	MT	442802
1,2-Dichlorobenzene	SW8270C	2	413	4400	ND		ug/Kg	10/02/19	21:49	MT	442802
2-Methylphenol (o-Cresol)	SW8270C	2	897	8800	ND		ug/Kg	10/02/19	21:49	MT	442802
N-Methyl-2-Pyrrolidone (NMP)	SW8270C	2	2080	22000	ND		ug/Kg	10/02/19	21:49	MT	442802
3-/4-Methylphenol (p-/m-Cresol)	SW8270C	2	957	8800	ND		ug/Kg	10/02/19	21:49	MT	442802
N-nitroso-di-n-propylamine	SW8270C	2	402	4400	ND		ug/Kg	10/02/19	21:49	MT	442802
Hexachloroethane	SW8270C	2	521	4400	ND		ug/Kg	10/02/19	21:49	MT	442802
Nitrobenzene	SW8270C	2	392	4400	ND		ug/Kg	10/02/19	21:49	MT	442802
Isophorone	SW8270C	2	372	4400	ND		ug/Kg	10/02/19	21:49	MT	442802
2-Nitrophenol	SW8270C	2	775	8800	ND		ug/Kg	10/02/19	21:49	MT	442802
2,4-Dimethylphenol	SW8270C	2	697	8800	ND		ug/Kg	10/02/19	21:49	MT	442802
Benzoic Acid	SW8270C	2	1270	8800	ND		ug/Kg	10/02/19	21:49	MT	442802
Bis(2-Chloroethoxy)methane	SW8270C	2	299	4400	ND		ug/Kg	10/02/19	21:49	MT	442802
Bis(2-chloroisopropyl)ether	SW8270C	2	385	4400	ND		ug/Kg	10/02/19	21:49	MT	442802
2,4-Dichlorophenol	SW8270C	2	1200	8800	ND		ug/Kg	10/02/19	21:49	MT	442802
1,2,4-Trichlorobenzene	SW8270C	2	361	4400	ND		ug/Kg	10/02/19	21:49	MT	442802
2,6-Dichlorophenol	SW8270C	2	1090	8800	ND		ug/Kg	10/02/19	21:49	MT	442802
Hexachloro-1,3-butadiene	SW8270C	2	255	4400	ND		ug/Kg	10/02/19	21:49	MT	442802
4-Chloro-3-methylphenol	SW8270C	2	1030	8800	ND		ug/Kg	10/02/19	21:49	MT	442802
Hexachlorocyclopentadiene	SW8270C	2	396	4400	ND		ug/Kg	10/02/19	21:49	MT	442802
2,4,6-Trichlorophenol	SW8270C	2	1100	8800	ND		ug/Kg	10/02/19	21:49	MT	442802
2,4,5-Trichlorophenol	SW8270C	2	1020	8800	ND		ug/Kg	10/02/19	21:49	MT	442802
2-Chloronaphthalene	SW8270C	2	324	4400	ND		ug/Kg	10/02/19	21:49	MT	442802
1,4-Dinitrobenzene	SW8270C	2	315	4400	ND		ug/Kg	10/02/19	21:49	MT	442802
Dimethyl phthalate	SW8270C	2	433	22000	ND		ug/Kg	10/02/19	21:49	MT	442802
1,3-Dinitrobenzene	SW8270C	2	318	4400	ND		ug/Kg	10/02/19	21:49	MT	442802
2,6-Dinitrotoluene	SW8270C	2	346	4400	ND		ug/Kg	10/02/19	21:49	MT	442802
1,2-Dinitrobenzene	SW8270C	2	482	4400	ND		ug/Kg	10/02/19	21:49	MT	442802



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/28/19, 4:40 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-4(0-0.5)	<b>Lab Sample ID:</b>	1909254-011A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/28/19 / 8:49		
<b>SDG:</b>			

<b>Prep Method:</b> 3546_BNA	<b>Prep Batch Date/Time:</b> 10/1/19 10:24:00AM
<b>Prep Batch ID:</b> 1117038	<b>Prep Analyst:</b> SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
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*The results shown below are reported using their MDL.*

2,4-Dinitrophenol	SW8270C	2	2370	22000	ND		ug/Kg	10/02/19	21:49	MT	442802
4-Nitrophenol	SW8270C	2	1670	22000	ND		ug/Kg	10/02/19	21:49	MT	442802
Dibenzofuran	SW8270C	2	343	4400	ND		ug/Kg	10/02/19	21:49	MT	442802
2,4-Dinitrotoluene	SW8270C	2	369	4400	ND		ug/Kg	10/02/19	21:49	MT	442802
2,3,5,6-Tetrachlorophenol	SW8270C	2	843	8800	ND		ug/Kg	10/02/19	21:49	MT	442802
2,3,4,6-Tetrachlorophenol	SW8270C	2	962	8800	ND		ug/Kg	10/02/19	21:49	MT	442802
Diethylphthalate	SW8270C	2	416	22000	ND		ug/Kg	10/02/19	21:49	MT	442802
4-Chlorophenyl-phenylether	SW8270C	2	285	4400	ND		ug/Kg	10/02/19	21:49	MT	442802
4,6-Dinitro-2-methylphenol	SW8270C	2	409	8800	ND		ug/Kg	10/02/19	21:49	MT	442802
Diphenylamine	SW8270C	2	399	4400	ND		ug/Kg	10/02/19	21:49	MT	442802
4-Bromophenyl-phenylether	SW8270C	2	251	4400	ND		ug/Kg	10/02/19	21:49	MT	442802
Hexachlorobenzene	SW8270C	2	264	4400	ND		ug/Kg	10/02/19	21:49	MT	442802
Pentachlorophenol	SW8270C	2	764	8800	ND		ug/Kg	10/02/19	21:49	MT	442802
Carbazole	SW8270C	2	328	4400	ND		ug/Kg	10/02/19	21:49	MT	442802
Di-n-butylphthalate	SW8270C	2	413	4400	ND		ug/Kg	10/02/19	21:49	MT	442802
Benidine	SW8270C	2	4490	4400	ND		ug/Kg	10/02/19	21:49	MT	442802
Butylbenzylphthalate	SW8270C	2	643	22000	ND		ug/Kg	10/02/19	21:49	MT	442802
Benzo(a)anthracene	SW8270C	2	300	4400	ND		ug/Kg	10/02/19	21:49	MT	442802
3,3-Dichlorobenzidine	SW8270C	2	3600	4400	ND		ug/Kg	10/02/19	21:49	MT	442802
Bis(2-Ethylhexyl)phthalate	SW8270C	2	468	22000	ND		ug/Kg	10/02/19	21:49	MT	442802
Di-n-Octylphthalate	SW8270C	2	375	4400	ND		ug/Kg	10/02/19	21:49	MT	442802
Pyridine	SW8270C	2	1340	22000	ND		ug/Kg	10/02/19	21:49	MT	442802

Acceptance Limits

2-Fluorophenol (S)	SW8270C		25 - 121		<b>0.000</b>	D	%	10/02/19	21:49	MT	442802
Phenol-d6 (S)	SW8270C		24 - 113		<b>0.000</b>	D	%	10/02/19	21:49	MT	442802
2,4,6-Tribromophenol (S)	SW8270C		19 - 122		<b>0.000</b>	D	%	10/02/19	21:49	MT	442802
2-Fluorobiphenyl (S)	SW8270C		45 - 143		<b>0.000</b>	D	%	10/02/19	21:49	MT	442802
Nitrobenzene-d5 (S)	SW8270C		23 - 120		<b>0.000</b>	D	%	10/02/19	21:49	MT	442802
Terphenyl-d14 (S)	SW8270C		18 - 137		<b>0.000</b>	D	%	10/02/19	21:49	MT	442802

**NOTE:** Reporting limits raised due to nature of the matrix (extremely dark and viscous extract) and necessary dilution of the sample.



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/28/19, 4:40 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-4(0-0.5)	<b>Lab Sample ID:</b>	1909254-011A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/28/19 / 8:49		
<b>SDG:</b>			

<b>Prep Method:</b> 3546_TPH	<b>Prep Batch Date/Time:</b> 10/1/19 1:20:00PM
<b>Prep Batch ID:</b> 1117043	<b>Prep Analyst:</b> SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel	SW8015B	2	19	44	ND		mg/Kg	10/02/19	12:02	MK	442805
TPH as Motor Oil	SW8015B	2	70	220	<b>906</b>		mg/Kg	10/02/19	12:02	MK	442805
Acceptance Limits											
Pentacosane (S)	SW8015B		59 - 129		<b>0.000</b>	D	%	10/02/19	12:02	MK	442805



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/28/19, 4:40 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-4(0-0.5)	<b>Lab Sample ID:</b>	1909254-011B
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/28/19 / 8:49		
<b>SDG:</b>			

<b>Prep Method:</b> 5035	<b>Prep Batch Date/Time:</b> 9/30/19 9:17:00AM
<b>Prep Batch ID:</b> 1117117	<b>Prep Analyst:</b> BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	SW8260B	1	1.2	9.6	ND		ug/Kg	09/30/19	20:00	BP	442843
Chloromethane	SW8260B	1	1.7	9.6	ND		ug/Kg	09/30/19	20:00	BP	442843
Vinyl Chloride	SW8260B	1	2.0	9.6	ND		ug/Kg	09/30/19	20:00	BP	442843
Bromomethane	SW8260B	1	2.6	9.6	ND		ug/Kg	09/30/19	20:00	BP	442843
Chloroethane	SW8260B	1	2.9	9.6	ND		ug/Kg	09/30/19	20:00	BP	442843
Trichlorofluoromethane	SW8260B	1	2.0	9.6	ND		ug/Kg	09/30/19	20:00	BP	442843
1,1-Dichloroethene	SW8260B	1	1.9	9.6	ND		ug/Kg	09/30/19	20:00	BP	442843
Freon 113	SW8260B	1	1.8	9.6	ND		ug/Kg	09/30/19	20:00	BP	442843
Methylene Chloride	SW8260B	1	6.8	9.6	ND		ug/Kg	09/30/19	20:00	BP	442843
trans-1,2-Dichloroethene	SW8260B	1	2.0	9.6	ND		ug/Kg	09/30/19	20:00	BP	442843
MTBE	SW8260B	1	2.2	9.6	ND		ug/Kg	09/30/19	20:00	BP	442843
TBA	SW8260B	1	11	48	ND		ug/Kg	09/30/19	20:00	BP	442843
Diisopropyl ether	SW8260B	1	2.2	9.6	ND		ug/Kg	09/30/19	20:00	BP	442843
1,1-Dichloroethane	SW8260B	1	2.1	9.6	ND		ug/Kg	09/30/19	20:00	BP	442843
Ethyl tert-Butyl ether	SW8260B	1	2.2	9.6	ND		ug/Kg	09/30/19	20:00	BP	442843
cis-1,2-Dichloroethene	SW8260B	1	2.1	9.6	ND		ug/Kg	09/30/19	20:00	BP	442843
2,2-Dichloropropane	SW8260B	1	1.8	9.6	ND		ug/Kg	09/30/19	20:00	BP	442843
Bromochloromethane	SW8260B	1	2.2	9.6	ND		ug/Kg	09/30/19	20:00	BP	442843
Chloroform	SW8260B	1	2.3	9.6	ND		ug/Kg	09/30/19	20:00	BP	442843
Carbon Tetrachloride	SW8260B	1	2.0	9.6	ND		ug/Kg	09/30/19	20:00	BP	442843
1,1,1-Trichloroethane	SW8260B	1	2.0	9.6	ND		ug/Kg	09/30/19	20:00	BP	442843
1,1-Dichloropropene	SW8260B	1	1.9	9.6	ND		ug/Kg	09/30/19	20:00	BP	442843
Benzene	SW8260B	1	2.1	9.6	ND		ug/Kg	09/30/19	20:00	BP	442843
TAME	SW8260B	1	2.2	9.6	ND		ug/Kg	09/30/19	20:00	BP	442843
1,2-Dichloroethane	SW8260B	1	2.2	9.6	ND		ug/Kg	09/30/19	20:00	BP	442843
Trichloroethylene	SW8260B	1	1.7	9.6	ND		ug/Kg	09/30/19	20:00	BP	442843
Dibromomethane	SW8260B	1	1.8	9.6	ND		ug/Kg	09/30/19	20:00	BP	442843
1,2-Dichloropropane	SW8260B	1	1.8	9.6	ND		ug/Kg	09/30/19	20:00	BP	442843
Bromodichloromethane	SW8260B	1	1.9	9.6	ND		ug/Kg	09/30/19	20:00	BP	442843
cis-1,3-Dichloropropene	SW8260B	1	1.5	9.6	ND		ug/Kg	09/30/19	20:00	BP	442843
Toluene	SW8260B	1	1.7	9.6	ND		ug/Kg	09/30/19	20:00	BP	442843
Tetrachloroethylene	SW8260B	1	1.6	9.6	ND		ug/Kg	09/30/19	20:00	BP	442843
trans-1,3-Dichloropropene	SW8260B	1	1.6	9.6	ND		ug/Kg	09/30/19	20:00	BP	442843
1,1,2-Trichloroethane	SW8260B	1	1.8	9.6	ND		ug/Kg	09/30/19	20:00	BP	442843
Dibromochloromethane	SW8260B	1	1.8	9.6	ND		ug/Kg	09/30/19	20:00	BP	442843



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/28/19, 4:40 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-4(0-0.5)	<b>Lab Sample ID:</b>	1909254-011B
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/28/19 / 8:49		
<b>SDG:</b>			

<b>Prep Method:</b> 5035	<b>Prep Batch Date/Time:</b> 9/30/19 9:17:00AM
<b>Prep Batch ID:</b> 1117117	<b>Prep Analyst:</b> BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
1,3-Dichloropropane	SW8260B	1	1.8	9.6	ND		ug/Kg	09/30/19	20:00	BP	442843
1,2-Dibromoethane	SW8260B	1	1.7	9.6	ND		ug/Kg	09/30/19	20:00	BP	442843
Chlorobenzene	SW8260B	1	1.7	9.6	ND		ug/Kg	09/30/19	20:00	BP	442843
Ethylbenzene	SW8260B	1	1.6	9.6	ND		ug/Kg	09/30/19	20:00	BP	442843
1,1,1,2-Tetrachloroethane	SW8260B	1	1.8	9.6	ND		ug/Kg	09/30/19	20:00	BP	442843
m,p-Xylene	SW8260B	1	3.0	9.6	ND		ug/Kg	09/30/19	20:00	BP	442843
o-Xylene	SW8260B	1	1.7	9.6	ND		ug/Kg	09/30/19	20:00	BP	442843
Styrene	SW8260B	1	1.6	9.6	ND		ug/Kg	09/30/19	20:00	BP	442843
Bromoforn	SW8260B	1	1.6	9.6	ND		ug/Kg	09/30/19	20:00	BP	442843
Isopropyl Benzene	SW8260B	1	1.5	9.6	ND		ug/Kg	09/30/19	20:00	BP	442843
n-Propylbenzene	SW8260B	1	1.5	9.6	ND		ug/Kg	09/30/19	20:00	BP	442843
Bromobenzene	SW8260B	1	1.7	9.6	ND		ug/Kg	09/30/19	20:00	BP	442843
1,1,2,2-Tetrachloroethane	SW8260B	1	1.8	9.6	ND		ug/Kg	09/30/19	20:00	BP	442843
2-Chlorotoluene	SW8260B	1	1.7	9.6	ND		ug/Kg	09/30/19	20:00	BP	442843
1,3,5-Trimethylbenzene	SW8260B	1	1.5	9.6	ND		ug/Kg	09/30/19	20:00	BP	442843
1,2,3-Trichloropropane	SW8260B	1	1.8	9.6	ND		ug/Kg	09/30/19	20:00	BP	442843
4-Chlorotoluene	SW8260B	1	1.6	9.6	ND		ug/Kg	09/30/19	20:00	BP	442843
tert-Butylbenzene	SW8260B	1	1.6	9.6	ND		ug/Kg	09/30/19	20:00	BP	442843
1,2,4-Trimethylbenzene	SW8260B	1	1.3	9.6	ND		ug/Kg	09/30/19	20:00	BP	442843
sec-Butyl Benzene	SW8260B	1	1.5	9.6	ND		ug/Kg	09/30/19	20:00	BP	442843
p-Isopropyltoluene	SW8260B	1	1.4	9.6	ND		ug/Kg	09/30/19	20:00	BP	442843
1,3-Dichlorobenzene	SW8260B	1	1.6	9.6	ND		ug/Kg	09/30/19	20:00	BP	442843
1,4-Dichlorobenzene	SW8260B	1	1.6	9.6	ND		ug/Kg	09/30/19	20:00	BP	442843
n-Butylbenzene	SW8260B	1	1.4	9.6	ND		ug/Kg	09/30/19	20:00	BP	442843
1,2-Dichlorobenzene	SW8260B	1	1.7	9.6	ND		ug/Kg	09/30/19	20:00	BP	442843
1,2-Dibromo-3-Chloropropane	SW8260B	1	1.8	9.6	ND		ug/Kg	09/30/19	20:00	BP	442843
Hexachlorobutadiene	SW8260B	1	1.3	9.6	ND		ug/Kg	09/30/19	20:00	BP	442843
1,2,4-Trichlorobenzene	SW8260B	1	1.4	9.6	ND		ug/Kg	09/30/19	20:00	BP	442843
Naphthalene	SW8260B	1	1.6	9.6	ND		ug/Kg	09/30/19	20:00	BP	442843
1,2,3-Trichlorobenzene	SW8260B	1	1.6	9.6	ND		ug/Kg	09/30/19	20:00	BP	442843
2-Butanone	SW8260B	1	2.2	9.6	ND		ug/Kg	09/30/19	20:00	BP	442843
(S) Dibromofluoromethane	SW8260B		59.8 - 148		<b>96.3</b>		%	09/30/19	20:00	BP	442843
(S) Toluene-d8	SW8260B		55.2 - 133		<b>101</b>		%	09/30/19	20:00	BP	442843
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		<b>92.1</b>		%	09/30/19	20:00	BP	442843





## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/28/19, 4:40 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-4(0-0.5)	<b>Lab Sample ID:</b>	1909254-011B
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/28/19 / 8:49		
<b>SDG:</b>			

<b>Prep Method:</b> 5035GRO	<b>Prep Batch Date/Time:</b> 9/30/19	9:17:00AM
<b>Prep Batch ID:</b> 1117118	<b>Prep Analyst:</b> BPATEL	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH(Gasoline)	8260TPH	1	41	96	ND		ug/Kg	09/30/19	20:00	BP	442843
(S) 4-Bromofluorobenzene	8260TPH		43.9 - 127		<b>70.7</b>		%	09/30/19	20:00	BP	442843



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/28/19, 4:40 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-4(0.5-1)	<b>Lab Sample ID:</b>	1909254-012A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/28/19 / 8:54		
<b>SDG:</b>			

<b>Prep Method:</b> 7471BP	<b>Prep Batch Date/Time:</b> 9/30/19	5:30:00PM
<b>Prep Batch ID:</b> 1117035	<b>Prep Analyst:</b> IRNAZ	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Mercury	SW7471B	1	0.093	0.56	ND		mg/Kg	10/01/19	10:41	BJAY	442816



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/28/19, 4:40 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-4(0.5-1)	<b>Lab Sample ID:</b>	1909254-012A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/28/19 / 8:54		
<b>SDG:</b>			

<b>Prep Method:</b> 3050B	<b>Prep Batch Date/Time:</b> 9/30/19	5:15:00PM
<b>Prep Batch ID:</b> 1117036	<b>Prep Analyst:</b> IRNAZ	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Antimony	SW6010B	1	0.056	5.60	ND		mg/Kg	10/01/19	13:23	PPATEL	442796
Arsenic	SW6010B	1	0.17	1.46	<b>5.42</b>		mg/Kg	10/01/19	13:23	PPATEL	442796
Barium	SW6010B	1	0.062	5.60	<b>158</b>		mg/Kg	10/01/19	13:23	PPATEL	442796
Beryllium	SW6010B	1	0.062	5.60	ND		mg/Kg	10/01/19	13:23	PPATEL	442796
Cadmium	SW6010B	1	0.11	5.60	ND		mg/Kg	10/01/19	13:23	PPATEL	442796
Chromium	SW6010B	1	0.084	5.60	<b>66.1</b>		mg/Kg	10/01/19	13:23	PPATEL	442796
Cobalt	SW6010B	1	0.078	5.60	<b>15.4</b>		mg/Kg	10/01/19	13:23	PPATEL	442796
Copper	SW6010B	1	0.22	5.60	<b>44.5</b>		mg/Kg	10/01/19	13:23	PPATEL	442796
Lead	SW6010B	1	0.11	3.36	<b>65.0</b>		mg/Kg	10/01/19	13:23	PPATEL	442796
Molybdenum	SW6010B	1	0.056	5.60	ND		mg/Kg	10/01/19	13:23	PPATEL	442796
Nickel	SW6010B	1	0.56	5.60	<b>135</b>		mg/Kg	10/01/19	13:23	PPATEL	442796
Selenium	SW6010B	1	0.25	5.60	ND		mg/Kg	10/01/19	13:23	PPATEL	442796
Silver	SW6010B	1	0.17	5.60	ND		mg/Kg	10/01/19	13:23	PPATEL	442796
Thallium	SW6010B	1	0.62	5.60	ND		mg/Kg	10/01/19	13:23	PPATEL	442796
Vanadium	SW6010B	1	0.11	5.60	<b>42.1</b>		mg/Kg	10/01/19	13:23	PPATEL	442796
Zinc	SW6010B	1	0.34	5.60	<b>93.0</b>		mg/Kg	10/01/19	13:23	PPATEL	442796



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/28/19, 4:40 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-4(0.5-1)	<b>Lab Sample ID:</b>	1909254-012A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/28/19 / 8:54		
<b>SDG:</b>			

<b>Prep Method:</b> WET/3010B	<b>Prep Batch Date/Time:</b> 10/10/19 3:50:00PM
<b>Prep Batch ID:</b> 1117290	<b>Prep Analyst:</b> BJAY

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Chromium (STLC)	SW6010B	1	0.010	0.20	ND		mg/L	10/10/19	19:22	PPATEL	443035
Lead (STLC)	SW6010B	1	0.050	0.20	<b>2.88</b>		mg/L	10/10/19	19:22	PPATEL	443035



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/28/19, 4:40 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-4(0.5-1)	<b>Lab Sample ID:</b>	1909254-012A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/28/19 / 8:54		
<b>SDG:</b>			

<b>Prep Method:</b> 3546_PAHSIM	<b>Prep Batch Date/Time:</b> 10/1/19 10:26:00AM
<b>Prep Batch ID:</b> 1117039	<b>Prep Analyst:</b> SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
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*The results shown below are reported using their MDL.*

Naphthalene	SW8270C	2	1.1	8.9	<b>5.7</b>	J	ug/Kg	10/01/19	16:09	MT	442817
2-Methylnaphthalene	SW8270C	2	0.50	8.9	<b>5.8</b>	J	ug/Kg	10/01/19	16:09	MT	442817
1-Methylnaphthalene	SW8270C	2	0.41	8.9	<b>5.1</b>	J	ug/Kg	10/01/19	16:09	MT	442817
Acenaphthylene	SW8270C	2	0.42	8.9	<b>2.7</b>	J	ug/Kg	10/01/19	16:09	MT	442817
Acenaphthene	SW8270C	2	0.36	8.9	<b>1.0</b>	J	ug/Kg	10/01/19	16:09	MT	442817
Fluorene	SW8270C	2	0.60	8.9	<b>1.6</b>	J	ug/Kg	10/01/19	16:09	MT	442817
Phenanthrene	SW8270C	2	1.3	8.9	<b>15</b>	J	ug/Kg	10/01/19	16:09	MT	442817
Anthracene	SW8270C	2	1.2	8.9	<b>3.1</b>	J	ug/Kg	10/01/19	16:09	MT	442817
Fluoranthene	SW8270C	2	1.2	8.9	<b>18</b>	J	ug/Kg	10/01/19	16:09	MT	442817
Pyrene	SW8270C	2	1.2	8.9	<b>20</b>	J	ug/Kg	10/01/19	16:09	MT	442817
Benz[a]anthracene	SW8270C	2	1.0	8.9	<b>14</b>	J	ug/Kg	10/01/19	16:09	MT	442817
Chrysene	SW8270C	2	1.1	8.9	<b>17</b>	J	ug/Kg	10/01/19	16:09	MT	442817
Benzo[b]fluoranthene	SW8270C	2	0.55	8.9	<b>21</b>	J	ug/Kg	10/01/19	16:09	MT	442817
Benzo[k]fluoranthene	SW8270C	2	0.50	8.9	<b>7.6</b>	J	ug/Kg	10/01/19	16:09	MT	442817
Benzo[a]pyrene	SW8270C	2	0.64	8.9	<b>17</b>	J	ug/Kg	10/01/19	16:09	MT	442817
Indeno[1,2,3-cd]pyrene	SW8270C	2	0.49	8.9	<b>14</b>	J	ug/Kg	10/01/19	16:09	MT	442817
Dibenz[a,h]anthracene	SW8270C	2	0.62	8.9	<b>5.1</b>	J	ug/Kg	10/01/19	16:09	MT	442817
Benzo[g,h,i]perylene	SW8270C	2	0.60	8.9	<b>16</b>	J	ug/Kg	10/01/19	16:09	MT	442817
Acceptance Limits											
2-Fluorobiphenyl (S)	SW8270C		45 - 125		<b>81</b>		%	10/01/19	16:09	MT	442817
p-Terphenyl-d14 (S)	SW8270C		30 - 125		<b>91</b>		%	10/01/19	16:09	MT	442817

**NOTE:** Sample diluted due to nature of the matrix (dark, viscous extract)



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/28/19, 4:40 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-4(0.5-1)	<b>Lab Sample ID:</b>	1909254-012A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/28/19 / 8:54		
<b>SDG:</b>			

<b>Prep Method:</b> 3546_PCB	<b>Prep Batch Date/Time:</b> 10/1/19 1:30:00PM
<b>Prep Batch ID:</b> 1117046	<b>Prep Analyst:</b> SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Aroclor1016	SW8082A	1	59	110	ND		ug/Kg	10/01/19	15:09	MK	442798
Aroclor1221	SW8082A	1	5.6	110	ND		ug/Kg	10/01/19	15:09	MK	442798
Aroclor1232	SW8082A	1	19	110	ND		ug/Kg	10/01/19	15:09	MK	442798
Aroclor1242	SW8082A	1	3.4	110	ND		ug/Kg	10/01/19	15:09	MK	442798
Aroclor1248	SW8082A	1	2.2	110	ND		ug/Kg	10/01/19	15:09	MK	442798
Aroclor1254	SW8082A	1	2.2	110	ND		ug/Kg	10/01/19	15:09	MK	442798
Aroclor1260	SW8082A	1	40	110	ND		ug/Kg	10/01/19	15:09	MK	442798
Acceptance Limits											
TCMX (S)	SW8082A		48 - 125		<b>101</b>		%	10/01/19	15:09	MK	442798
DCBP (S)	SW8082A		48 - 135		<b>107</b>		%	10/01/19	15:09	MK	442798



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/28/19, 4:40 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-4(0.5-1)	<b>Lab Sample ID:</b>	1909254-012A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/28/19 / 8:54		
<b>SDG:</b>			

<b>Prep Method:</b> 3546_OCP	<b>Prep Batch Date/Time:</b> 10/1/19 1:26:00PM
<b>Prep Batch ID:</b> 1117044	<b>Prep Analyst:</b> SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
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*The results shown below are reported using their MDL.*

alpha-BHC	SW8081B	10	1.4	22	ND		ug/Kg	10/01/19	20:43	MK	442844
gamma-BHC (Lindane)	SW8081B	10	1.8	22	ND		ug/Kg	10/01/19	20:43	MK	442844
beta-BHC	SW8081B	10	3.5	22	ND		ug/Kg	10/01/19	20:43	MK	442844
delta-BHC	SW8081B	10	1.7	22	ND		ug/Kg	10/01/19	20:43	MK	442844
Heptachlor	SW8081B	10	1.2	22	ND		ug/Kg	10/01/19	20:43	MK	442844
Aldrin	SW8081B	10	2.2	22	ND		ug/Kg	10/01/19	20:43	MK	442844
Heptachlor Epoxide	SW8081B	10	0.87	22	ND		ug/Kg	10/01/19	20:43	MK	442844
gamma-Chlordane	SW8081B	10	1.8	22	ND		ug/Kg	10/01/19	20:43	MK	442844
alpha-Chlordane	SW8081B	10	1.9	22	ND		ug/Kg	10/01/19	20:43	MK	442844
4,4'-DDE	SW8081B	10	2.2	22	ND		ug/Kg	10/01/19	20:43	MK	442844
Endosulfan I	SW8081B	10	2.1	22	ND		ug/Kg	10/01/19	20:43	MK	442844
Dieldrin	SW8081B	10	1.7	22	ND		ug/Kg	10/01/19	20:43	MK	442844
Endrin	SW8081B	10	2.1	22	ND		ug/Kg	10/01/19	20:43	MK	442844
4,4'-DDD	SW8081B	10	6.3	22	ND		ug/Kg	10/01/19	20:43	MK	442844
Endosulfan II	SW8081B	10	6.5	22	ND		ug/Kg	10/01/19	20:43	MK	442844
4,4'-DDT	SW8081B	10	1.4	22	ND		ug/Kg	10/01/19	20:43	MK	442844
Endrin Aldehyde	SW8081B	10	1.7	22	ND		ug/Kg	10/01/19	20:43	MK	442844
Methoxychlor	SW8081B	10	2.2	22	ND		ug/Kg	10/01/19	20:43	MK	442844
Endosulfan Sulfate	SW8081B	10	1.3	22	ND		ug/Kg	10/01/19	20:43	MK	442844
Endrin Ketone	SW8081B	10	1.1	22	ND		ug/Kg	10/01/19	20:43	MK	442844
Chlordane	SW8081B	10	24	220	ND		ug/Kg	10/01/19	20:43	MK	442844
Toxaphene	SW8081B	10	95	560	ND		ug/Kg	10/01/19	20:43	MK	442844
Acceptance Limits											
TCMX (S)	SW8081B		48 - 125		<b>99.9</b>		%	10/01/19	20:43	MK	442844
DCBP (S)	SW8081B		38 - 135		<b>93.4</b>		%	10/01/19	20:43	MK	442844

**NOTE:** Sample diluted due to nature of the matrix (dark, viscous extract)



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/28/19, 4:40 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-4(0.5-1)	<b>Lab Sample ID:</b>	1909254-012A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/28/19 / 8:54		
<b>SDG:</b>			

<b>Prep Method:</b> % Water-P	<b>Prep Batch Date/Time:</b> 10/4/19	6:50:00PM
<b>Prep Batch ID:</b> 1117182	<b>Prep Analyst:</b> BJAY	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Moisture, Percent	ASTM D2216-90	1	0.050	0.050	11.6		%	10/05/19	12:30	BJAY	442910
Dry Weight Factor	ASTM D2216-90	1	1	1	1.12		-	10/05/19	12:30	BJAY	442910





## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/28/19, 4:40 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-4(0.5-1)	<b>Lab Sample ID:</b>	1909254-012A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/28/19 / 8:54		
<b>SDG:</b>			

<b>Prep Method:</b> 3546_BNA	<b>Prep Batch Date/Time:</b> 10/1/19 10:24:00AM
<b>Prep Batch ID:</b> 1117038	<b>Prep Analyst:</b> SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
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*The results shown below are reported using their MDL.*

N-Nitrosodimethylamine	SW8270C	2	105	1610	ND		ug/Kg	10/02/19	22:19	MT	442802
Phenol	SW8270C	2	98.1	645	ND		ug/Kg	10/02/19	22:19	MT	442802
Bis(2-chloroethyl)ether	SW8270C	2	29.8	323	ND		ug/Kg	10/02/19	22:19	MT	442802
2-Chlorophenol	SW8270C	2	107	645	ND		ug/Kg	10/02/19	22:19	MT	442802
1,3-Dichlorobenzene	SW8270C	2	29.4	323	ND		ug/Kg	10/02/19	22:19	MT	442802
1,4-Dichlorobenzene	SW8270C	2	32.8	323	ND		ug/Kg	10/02/19	22:19	MT	442802
Benzyl Alcohol	SW8270C	2	45.8	645	ND		ug/Kg	10/02/19	22:19	MT	442802
1,2-Dichlorobenzene	SW8270C	2	30.3	323	ND		ug/Kg	10/02/19	22:19	MT	442802
2-Methylphenol (o-Cresol)	SW8270C	2	65.7	645	ND		ug/Kg	10/02/19	22:19	MT	442802
N-Methyl-2-Pyrrolidone (NMP)	SW8270C	2	152	1610	ND		ug/Kg	10/02/19	22:19	MT	442802
3-/4-Methylphenol (p-/m-Cresol)	SW8270C	2	70.2	645	ND		ug/Kg	10/02/19	22:19	MT	442802
N-nitroso-di-n-propylamine	SW8270C	2	29.5	323	ND		ug/Kg	10/02/19	22:19	MT	442802
Hexachloroethane	SW8270C	2	38.2	323	ND		ug/Kg	10/02/19	22:19	MT	442802
Nitrobenzene	SW8270C	2	28.8	323	ND		ug/Kg	10/02/19	22:19	MT	442802
Isophorone	SW8270C	2	27.3	323	ND		ug/Kg	10/02/19	22:19	MT	442802
2-Nitrophenol	SW8270C	2	56.8	645	ND		ug/Kg	10/02/19	22:19	MT	442802
2,4-Dimethylphenol	SW8270C	2	51.1	645	ND		ug/Kg	10/02/19	22:19	MT	442802
Benzoic Acid	SW8270C	2	93.4	645	ND		ug/Kg	10/02/19	22:19	MT	442802
Bis(2-Chloroethoxy)methane	SW8270C	2	21.9	323	ND		ug/Kg	10/02/19	22:19	MT	442802
Bis(2-chloroisopropyl)ether	SW8270C	2	28.2	323	ND		ug/Kg	10/02/19	22:19	MT	442802
2,4-Dichlorophenol	SW8270C	2	88.0	645	ND		ug/Kg	10/02/19	22:19	MT	442802
1,2,4-Trichlorobenzene	SW8270C	2	26.5	323	ND		ug/Kg	10/02/19	22:19	MT	442802
2,6-Dichlorophenol	SW8270C	2	80.2	645	ND		ug/Kg	10/02/19	22:19	MT	442802
Hexachloro-1,3-butadiene	SW8270C	2	18.7	323	ND		ug/Kg	10/02/19	22:19	MT	442802
4-Chloro-3-methylphenol	SW8270C	2	75.7	645	ND		ug/Kg	10/02/19	22:19	MT	442802
Hexachlorocyclopentadiene	SW8270C	2	29.0	323	ND		ug/Kg	10/02/19	22:19	MT	442802
2,4,6-Trichlorophenol	SW8270C	2	80.5	645	ND		ug/Kg	10/02/19	22:19	MT	442802
2,4,5-Trichlorophenol	SW8270C	2	74.8	645	ND		ug/Kg	10/02/19	22:19	MT	442802
2-Chloronaphthalene	SW8270C	2	23.8	323	ND		ug/Kg	10/02/19	22:19	MT	442802
1,4-Dinitrobenzene	SW8270C	2	23.1	323	ND		ug/Kg	10/02/19	22:19	MT	442802
Dimethyl phthalate	SW8270C	2	31.7	1610	ND		ug/Kg	10/02/19	22:19	MT	442802
1,3-Dinitrobenzene	SW8270C	2	23.3	323	ND		ug/Kg	10/02/19	22:19	MT	442802
2,6-Dinitrotoluene	SW8270C	2	25.3	323	ND		ug/Kg	10/02/19	22:19	MT	442802
1,2-Dinitrobenzene	SW8270C	2	35.3	323	ND		ug/Kg	10/02/19	22:19	MT	442802



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/28/19, 4:40 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-4(0.5-1)	<b>Lab Sample ID:</b>	1909254-012A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/28/19 / 8:54		
<b>SDG:</b>			

<b>Prep Method:</b> 3546_BNA	<b>Prep Batch Date/Time:</b> 10/1/19 10:24:00AM
<b>Prep Batch ID:</b> 1117038	<b>Prep Analyst:</b> SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
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*The results shown below are reported using their MDL.*

2,4-Dinitrophenol	SW8270C	2	174	1610	ND		ug/Kg	10/02/19	22:19	MT	442802
4-Nitrophenol	SW8270C	2	123	1610	ND		ug/Kg	10/02/19	22:19	MT	442802
Dibenzofuran	SW8270C	2	25.1	323	ND		ug/Kg	10/02/19	22:19	MT	442802
2,4-Dinitrotoluene	SW8270C	2	27.1	323	ND		ug/Kg	10/02/19	22:19	MT	442802
2,3,5,6-Tetrachlorophenol	SW8270C	2	61.8	645	ND		ug/Kg	10/02/19	22:19	MT	442802
2,3,4,6-Tetrachlorophenol	SW8270C	2	70.5	645	ND		ug/Kg	10/02/19	22:19	MT	442802
Diethylphthalate	SW8270C	2	30.5	1610	ND		ug/Kg	10/02/19	22:19	MT	442802
4-Chlorophenyl-phenylether	SW8270C	2	20.9	323	ND		ug/Kg	10/02/19	22:19	MT	442802
4,6-Dinitro-2-methylphenol	SW8270C	2	30.0	645	ND		ug/Kg	10/02/19	22:19	MT	442802
Diphenylamine	SW8270C	2	29.2	323	ND		ug/Kg	10/02/19	22:19	MT	442802
4-Bromophenyl-phenylether	SW8270C	2	18.4	323	ND		ug/Kg	10/02/19	22:19	MT	442802
Hexachlorobenzene	SW8270C	2	19.4	323	ND		ug/Kg	10/02/19	22:19	MT	442802
Pentachlorophenol	SW8270C	2	56.0	645	ND		ug/Kg	10/02/19	22:19	MT	442802
Carbazole	SW8270C	2	24.1	323	ND		ug/Kg	10/02/19	22:19	MT	442802
Di-n-butylphthalate	SW8270C	2	30.2	323	ND		ug/Kg	10/02/19	22:19	MT	442802
Benzidine	SW8270C	2	329	323	ND		ug/Kg	10/02/19	22:19	MT	442802
Butylbenzylphthalate	SW8270C	2	47.1	1610	ND		ug/Kg	10/02/19	22:19	MT	442802
Benzo(a)anthracene	SW8270C	2	22.0	323	ND		ug/Kg	10/02/19	22:19	MT	442802
3,3-Dichlorobenzidine	SW8270C	2	264	323	ND		ug/Kg	10/02/19	22:19	MT	442802
Bis(2-Ethylhexyl)phthalate	SW8270C	2	34.3	1610	ND		ug/Kg	10/02/19	22:19	MT	442802
Di-n-Octylphthalate	SW8270C	2	27.5	323	ND		ug/Kg	10/02/19	22:19	MT	442802
Pyridine	SW8270C	2	98.1	1610	ND		ug/Kg	10/02/19	22:19	MT	442802
Acceptance Limits											
2-Fluorophenol (S)	SW8270C		25 - 121		<b>76.1</b>		%	10/02/19	22:19	MT	442802
Phenol-d6 (S)	SW8270C		24 - 113		<b>83.1</b>		%	10/02/19	22:19	MT	442802
2,4,6-Tribromophenol (S)	SW8270C		19 - 122		<b>85.4</b>		%	10/02/19	22:19	MT	442802
2-Fluorobiphenyl (S)	SW8270C		45 - 143		<b>89.0</b>		%	10/02/19	22:19	MT	442802
Nitrobenzene-d5 (S)	SW8270C		23 - 120		<b>74.7</b>		%	10/02/19	22:19	MT	442802
Terphenyl-d14 (S)	SW8270C		18 - 137		<b>102</b>		%	10/02/19	22:19	MT	442802

**NOTE:** Sample diluted due to nature of the matrix (dark, viscous extract)



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/28/19, 4:40 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-4(0.5-1)	<b>Lab Sample ID:</b>	1909254-012A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/28/19 / 8:54		
<b>SDG:</b>			

<b>Prep Method:</b> 3546_TPH	<b>Prep Batch Date/Time:</b> 10/1/19	1:20:00PM
<b>Prep Batch ID:</b> 1117043	<b>Prep Analyst:</b> SNARASIMHAN	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel	SW8015B	1	1.7	4.0	<b>4.80</b>	x	mg/Kg	10/02/19	0:35	MK	442805
TPH as Motor Oil	SW8015B	1	6.4	20	<b>96.2</b>		mg/Kg	10/02/19	0:35	MK	442805
Acceptance Limits											
Pentacosane (S)	SW8015B		59 - 129		<b>78.8</b>		%	10/02/19	0:35	MK	442805

**NOTE:** x-Diesel value the result of overlap of Oil range into Diesel range



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/28/19, 4:40 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-4(0.5-1)	<b>Lab Sample ID:</b>	1909254-012B
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/28/19 / 8:54		
<b>SDG:</b>			

<b>Prep Method:</b> 5035	<b>Prep Batch Date/Time:</b> 10/1/19 10:11:00AM
<b>Prep Batch ID:</b> 1117113	<b>Prep Analyst:</b> BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	SW8260B	1	1.4	11	ND		ug/Kg	10/01/19	13:46	BP	442837
Chloromethane	SW8260B	1	2.0	11	ND		ug/Kg	10/01/19	13:46	BP	442837
Vinyl Chloride	SW8260B	1	2.3	11	ND		ug/Kg	10/01/19	13:46	BP	442837
Bromomethane	SW8260B	1	3.0	11	ND		ug/Kg	10/01/19	13:46	BP	442837
Chloroethane	SW8260B	1	3.4	11	ND		ug/Kg	10/01/19	13:46	BP	442837
Trichlorofluoromethane	SW8260B	1	2.3	11	ND		ug/Kg	10/01/19	13:46	BP	442837
1,1-Dichloroethene	SW8260B	1	2.3	11	ND		ug/Kg	10/01/19	13:46	BP	442837
Freon 113	SW8260B	1	2.1	11	ND		ug/Kg	10/01/19	13:46	BP	442837
Methylene Chloride	SW8260B	1	7.9	11	ND		ug/Kg	10/01/19	13:46	BP	442837
trans-1,2-Dichloroethene	SW8260B	1	2.3	11	ND		ug/Kg	10/01/19	13:46	BP	442837
MTBE	SW8260B	1	2.6	11	ND		ug/Kg	10/01/19	13:46	BP	442837
TBA	SW8260B	1	13	56	59.5		ug/Kg	10/01/19	13:46	BP	442837
Diisopropyl ether	SW8260B	1	2.5	11	ND		ug/Kg	10/01/19	13:46	BP	442837
1,1-Dichloroethane	SW8260B	1	2.5	11	ND		ug/Kg	10/01/19	13:46	BP	442837
Ethyl tert-Butyl ether	SW8260B	1	2.5	11	ND		ug/Kg	10/01/19	13:46	BP	442837
cis-1,2-Dichloroethene	SW8260B	1	2.5	11	ND		ug/Kg	10/01/19	13:46	BP	442837
2,2-Dichloropropane	SW8260B	1	2.1	11	ND		ug/Kg	10/01/19	13:46	BP	442837
Bromochloromethane	SW8260B	1	2.6	11	ND		ug/Kg	10/01/19	13:46	BP	442837
Chloroform	SW8260B	1	2.6	11	ND		ug/Kg	10/01/19	13:46	BP	442837
Carbon Tetrachloride	SW8260B	1	2.3	11	ND		ug/Kg	10/01/19	13:46	BP	442837
1,1,1-Trichloroethane	SW8260B	1	2.3	11	ND		ug/Kg	10/01/19	13:46	BP	442837
1,1-Dichloropropene	SW8260B	1	2.2	11	ND		ug/Kg	10/01/19	13:46	BP	442837
Benzene	SW8260B	1	2.5	11	ND		ug/Kg	10/01/19	13:46	BP	442837
TAME	SW8260B	1	2.5	11	ND		ug/Kg	10/01/19	13:46	BP	442837
1,2-Dichloroethane	SW8260B	1	2.6	11	ND		ug/Kg	10/01/19	13:46	BP	442837
Trichloroethylene	SW8260B	1	2.0	11	ND		ug/Kg	10/01/19	13:46	BP	442837
Dibromomethane	SW8260B	1	2.0	11	ND		ug/Kg	10/01/19	13:46	BP	442837
1,2-Dichloropropane	SW8260B	1	2.1	11	ND		ug/Kg	10/01/19	13:46	BP	442837
Bromodichloromethane	SW8260B	1	2.2	11	ND		ug/Kg	10/01/19	13:46	BP	442837
cis-1,3-Dichloropropene	SW8260B	1	1.8	11	ND		ug/Kg	10/01/19	13:46	BP	442837
Toluene	SW8260B	1	2.0	11	ND		ug/Kg	10/01/19	13:46	BP	442837
Tetrachloroethylene	SW8260B	1	1.8	11	ND		ug/Kg	10/01/19	13:46	BP	442837
trans-1,3-Dichloropropene	SW8260B	1	1.8	11	ND		ug/Kg	10/01/19	13:46	BP	442837
1,1,2-Trichloroethane	SW8260B	1	2.0	11	ND		ug/Kg	10/01/19	13:46	BP	442837
Dibromochloromethane	SW8260B	1	2.1	11	ND		ug/Kg	10/01/19	13:46	BP	442837



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/28/19, 4:40 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-4(0.5-1)	<b>Lab Sample ID:</b>	1909254-012B
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/28/19 / 8:54		
<b>SDG:</b>			

<b>Prep Method:</b> 5035	<b>Prep Batch Date/Time:</b> 10/1/19 10:11:00AM
<b>Prep Batch ID:</b> 1117113	<b>Prep Analyst:</b> BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
1,3-Dichloropropane	SW8260B	1	2.0	11	ND		ug/Kg	10/01/19	13:46	BP	442837
1,2-Dibromoethane	SW8260B	1	2.0	11	ND		ug/Kg	10/01/19	13:46	BP	442837
Chlorobenzene	SW8260B	1	2.0	11	ND		ug/Kg	10/01/19	13:46	BP	442837
Ethylbenzene	SW8260B	1	1.8	11	ND		ug/Kg	10/01/19	13:46	BP	442837
1,1,1,2-Tetrachloroethane	SW8260B	1	2.1	11	ND		ug/Kg	10/01/19	13:46	BP	442837
m,p-Xylene	SW8260B	1	3.5	11	ND		ug/Kg	10/01/19	13:46	BP	442837
o-Xylene	SW8260B	1	1.9	11	ND		ug/Kg	10/01/19	13:46	BP	442837
Styrene	SW8260B	1	1.8	11	ND		ug/Kg	10/01/19	13:46	BP	442837
Bromoforn	SW8260B	1	1.9	11	ND		ug/Kg	10/01/19	13:46	BP	442837
Isopropyl Benzene	SW8260B	1	1.8	11	ND		ug/Kg	10/01/19	13:46	BP	442837
n-Propylbenzene	SW8260B	1	1.7	11	ND		ug/Kg	10/01/19	13:46	BP	442837
Bromobenzene	SW8260B	1	2.0	11	ND		ug/Kg	10/01/19	13:46	BP	442837
1,1,2,2-Tetrachloroethane	SW8260B	1	2.1	11	ND		ug/Kg	10/01/19	13:46	BP	442837
2-Chlorotoluene	SW8260B	1	2.0	11	ND		ug/Kg	10/01/19	13:46	BP	442837
1,3,5-Trimethylbenzene	SW8260B	1	1.7	11	ND		ug/Kg	10/01/19	13:46	BP	442837
1,2,3-Trichloropropane	SW8260B	1	2.1	11	ND		ug/Kg	10/01/19	13:46	BP	442837
4-Chlorotoluene	SW8260B	1	1.8	11	ND		ug/Kg	10/01/19	13:46	BP	442837
tert-Butylbenzene	SW8260B	1	1.8	11	ND		ug/Kg	10/01/19	13:46	BP	442837
1,2,4-Trimethylbenzene	SW8260B	1	1.5	11	ND		ug/Kg	10/01/19	13:46	BP	442837
sec-Butyl Benzene	SW8260B	1	1.7	11	ND		ug/Kg	10/01/19	13:46	BP	442837
p-Isopropyltoluene	SW8260B	1	1.6	11	ND		ug/Kg	10/01/19	13:46	BP	442837
1,3-Dichlorobenzene	SW8260B	1	1.9	11	ND		ug/Kg	10/01/19	13:46	BP	442837
1,4-Dichlorobenzene	SW8260B	1	1.9	11	ND		ug/Kg	10/01/19	13:46	BP	442837
n-Butylbenzene	SW8260B	1	1.6	11	ND		ug/Kg	10/01/19	13:46	BP	442837
1,2-Dichlorobenzene	SW8260B	1	2.0	11	ND		ug/Kg	10/01/19	13:46	BP	442837
1,2-Dibromo-3-Chloropropane	SW8260B	1	2.1	11	ND		ug/Kg	10/01/19	13:46	BP	442837
Hexachlorobutadiene	SW8260B	1	1.5	11	ND		ug/Kg	10/01/19	13:46	BP	442837
1,2,4-Trichlorobenzene	SW8260B	1	1.6	11	ND		ug/Kg	10/01/19	13:46	BP	442837
Naphthalene	SW8260B	1	1.9	11	ND		ug/Kg	10/01/19	13:46	BP	442837
1,2,3-Trichlorobenzene	SW8260B	1	1.9	11	ND		ug/Kg	10/01/19	13:46	BP	442837
2-Butanone	SW8260B	1	2.5	11	ND		ug/Kg	10/01/19	13:46	BP	442837
(S) Dibromofluoromethane	SW8260B		59.8 - 148		<b>101</b>		%	10/01/19	13:46	BP	442837
(S) Toluene-d8	SW8260B		55.2 - 133		<b>101</b>		%	10/01/19	13:46	BP	442837
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		<b>96.1</b>		%	10/01/19	13:46	BP	442837



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/28/19, 4:40 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-4(0.5-1)	<b>Lab Sample ID:</b>	1909254-012B
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/28/19 / 8:54		
<b>SDG:</b>			

<b>Prep Method:</b> 5035GRO	<b>Prep Batch Date/Time:</b> 10/1/19	10:11:00AM
<b>Prep Batch ID:</b> 1117114	<b>Prep Analyst:</b> BPATEL	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH(Gasoline)	8260TPH	1	48	110	ND		ug/Kg	10/01/19	13:46	BP	442837
(S) 4-Bromofluorobenzene	8260TPH		43.9 - 127		<b>81.3</b>		%	10/01/19	13:46	BP	442837



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/28/19, 4:40 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-4(3-3.5)	<b>Lab Sample ID:</b>	1909254-013A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/28/19 / 9:08		
<b>SDG:</b>			

<b>Prep Method:</b> 7471BP	<b>Prep Batch Date/Time:</b> 9/30/19	5:30:00PM
<b>Prep Batch ID:</b> 1117035	<b>Prep Analyst:</b> IRNAZ	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Mercury	SW7471B	1	0.096	0.58	ND		mg/Kg	10/01/19	10:47	BJAY	442816



## SAMPLE RESULTS

Report prepared for: Ron Helm  
Cornerstone Earth Group

Date/Time Received: 09/28/19, 4:40 pm  
Date Reported: 10/18/19

Client Sample ID:	EB-4(3-3.5)	Lab Sample ID:	1909254-013A
Project Name/Location:	95 S. Almaden Soil Profiling	Sample Matrix:	Soil
Project Number:	510-29-2		
Date/Time Sampled:	09/28/19 / 9:08		
SDG:			

Prep Method: 3050B	Prep Batch Date/Time: 9/30/19	5:15:00PM
Prep Batch ID: 1117036	Prep Analyst: IRNAZ	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Antimony	SW6010B	1	0.058	5.75	ND		mg/Kg	10/01/19	13:26	PPATEL	442796
Arsenic	SW6010B	1	0.17	1.50	<b>5.92</b>		mg/Kg	10/01/19	13:26	PPATEL	442796
Barium	SW6010B	1	0.063	5.75	<b>188</b>		mg/Kg	10/01/19	13:26	PPATEL	442796
Beryllium	SW6010B	1	0.063	5.75	ND		mg/Kg	10/01/19	13:26	PPATEL	442796
Cadmium	SW6010B	1	0.12	5.75	ND		mg/Kg	10/01/19	13:26	PPATEL	442796
Chromium	SW6010B	1	0.086	5.75	<b>51.4</b>		mg/Kg	10/01/19	13:26	PPATEL	442796
Cobalt	SW6010B	1	0.081	5.75	<b>12.6</b>		mg/Kg	10/01/19	13:26	PPATEL	442796
Copper	SW6010B	1	0.23	5.75	<b>34.7</b>		mg/Kg	10/01/19	13:26	PPATEL	442796
Lead	SW6010B	1	0.12	3.45	<b>9.95</b>		mg/Kg	10/01/19	13:26	PPATEL	442796
Molybdenum	SW6010B	1	0.058	5.75	ND		mg/Kg	10/01/19	13:26	PPATEL	442796
Nickel	SW6010B	1	0.58	5.75	<b>82.8</b>		mg/Kg	10/01/19	13:26	PPATEL	442796
Selenium	SW6010B	1	0.25	5.75	ND		mg/Kg	10/01/19	13:26	PPATEL	442796
Silver	SW6010B	1	0.17	5.75	ND		mg/Kg	10/01/19	13:26	PPATEL	442796
Thallium	SW6010B	1	0.63	5.75	ND		mg/Kg	10/01/19	13:26	PPATEL	442796
Vanadium	SW6010B	1	0.12	5.75	<b>35.4</b>		mg/Kg	10/01/19	13:26	PPATEL	442796
Zinc	SW6010B	1	0.35	5.75	<b>63.8</b>		mg/Kg	10/01/19	13:26	PPATEL	442796





## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/28/19, 4:40 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-4(3-3.5)	<b>Lab Sample ID:</b>	1909254-013A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/28/19 / 9:08		
<b>SDG:</b>			

<b>Prep Method:</b> WET/3010B	<b>Prep Batch Date/Time:</b> 10/16/19	1:30:00PM
<b>Prep Batch ID:</b> 1117446	<b>Prep Analyst:</b> IRNAZ	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Chromium (STLC)	SW6010B	1	0.010	0.20	ND		mg/L	10/16/19	18:05	PPATEL	443175



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/28/19, 4:40 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-4(3-3.5)	<b>Lab Sample ID:</b>	1909254-013A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/28/19 / 9:08		
<b>SDG:</b>			

<b>Prep Method:</b> 3546_PAHSIM	<b>Prep Batch Date/Time:</b> 10/1/19 10:26:00AM
<b>Prep Batch ID:</b> 1117039	<b>Prep Analyst:</b> SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Naphthalene	SW8270C	1	0.59	4.6	ND		ug/Kg	10/01/19	16:38	MT	442817
2-Methylnaphthalene	SW8270C	1	0.26	4.6	ND		ug/Kg	10/01/19	16:38	MT	442817
1-Methylnaphthalene	SW8270C	1	0.21	4.6	ND		ug/Kg	10/01/19	16:38	MT	442817
Acenaphthylene	SW8270C	1	0.21	4.6	ND		ug/Kg	10/01/19	16:38	MT	442817
Acenaphthene	SW8270C	1	0.19	4.6	ND		ug/Kg	10/01/19	16:38	MT	442817
Fluorene	SW8270C	1	0.31	4.6	ND		ug/Kg	10/01/19	16:38	MT	442817
Phenanthrene	SW8270C	1	0.68	4.6	ND		ug/Kg	10/01/19	16:38	MT	442817
Anthracene	SW8270C	1	0.61	4.6	ND		ug/Kg	10/01/19	16:38	MT	442817
Fluoranthene	SW8270C	1	0.61	4.6	ND		ug/Kg	10/01/19	16:38	MT	442817
Pyrene	SW8270C	1	0.63	4.6	ND		ug/Kg	10/01/19	16:38	MT	442817
Benz[a]anthracene	SW8270C	1	0.53	4.6	ND		ug/Kg	10/01/19	16:38	MT	442817
Chrysene	SW8270C	1	0.57	4.6	ND		ug/Kg	10/01/19	16:38	MT	442817
Benzo[b]fluoranthene	SW8270C	1	0.28	4.6	ND		ug/Kg	10/01/19	16:38	MT	442817
Benzo[k]fluoranthene	SW8270C	1	0.26	4.6	ND		ug/Kg	10/01/19	16:38	MT	442817
Benzo[a]pyrene	SW8270C	1	0.33	4.6	ND		ug/Kg	10/01/19	16:38	MT	442817
Indeno[1,2,3-cd]pyrene	SW8270C	1	0.25	4.6	ND		ug/Kg	10/01/19	16:38	MT	442817
Dibenz[a,h]anthracene	SW8270C	1	0.32	4.6	ND		ug/Kg	10/01/19	16:38	MT	442817
Benzo[g,h,i]perylene	SW8270C	1	0.31	4.6	ND		ug/Kg	10/01/19	16:38	MT	442817
Acceptance Limits											
2-Fluorobiphenyl (S)	SW8270C		45 - 125		<b>70</b>		%	10/01/19	16:38	MT	442817
p-Terphenyl-d14 (S)	SW8270C		30 - 125		<b>85</b>		%	10/01/19	16:38	MT	442817



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/28/19, 4:40 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-4(3-3.5)	<b>Lab Sample ID:</b>	1909254-013A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/28/19 / 9:08		
<b>SDG:</b>			

<b>Prep Method:</b> 3546_PCB	<b>Prep Batch Date/Time:</b> 10/1/19 1:30:00PM
<b>Prep Batch ID:</b> 1117046	<b>Prep Analyst:</b> SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Aroclor1016	SW8082A	1	61	120	ND		ug/Kg	10/01/19	15:24	MK	442798
Aroclor1221	SW8082A	1	5.8	120	ND		ug/Kg	10/01/19	15:24	MK	442798
Aroclor1232	SW8082A	1	20	120	ND		ug/Kg	10/01/19	15:24	MK	442798
Aroclor1242	SW8082A	1	3.5	120	ND		ug/Kg	10/01/19	15:24	MK	442798
Aroclor1248	SW8082A	1	2.3	120	ND		ug/Kg	10/01/19	15:24	MK	442798
Aroclor1254	SW8082A	1	2.3	120	ND		ug/Kg	10/01/19	15:24	MK	442798
Aroclor1260	SW8082A	1	41	120	ND		ug/Kg	10/01/19	15:24	MK	442798
Acceptance Limits											
TCMX (S)	SW8082A		48 - 125		<b>100</b>		%	10/01/19	15:24	MK	442798
DCBP (S)	SW8082A		48 - 135		<b>89.0</b>		%	10/01/19	15:24	MK	442798



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/28/19, 4:40 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-4(3-3.5)	<b>Lab Sample ID:</b>	1909254-013A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/28/19 / 9:08		
<b>SDG:</b>			

<b>Prep Method:</b> 3546_OCP	<b>Prep Batch Date/Time:</b> 10/1/19 1:26:00PM
<b>Prep Batch ID:</b> 1117044	<b>Prep Analyst:</b> SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
alpha-BHC	SW8081B	1	0.15	2.3	ND		ug/Kg	10/01/19	20:56	MK	442844
gamma-BHC (Lindane)	SW8081B	1	0.18	2.3	ND		ug/Kg	10/01/19	20:56	MK	442844
beta-BHC	SW8081B	1	0.36	2.3	ND		ug/Kg	10/01/19	20:56	MK	442844
delta-BHC	SW8081B	1	0.18	2.3	ND		ug/Kg	10/01/19	20:56	MK	442844
Heptachlor	SW8081B	1	0.12	2.3	ND		ug/Kg	10/01/19	20:56	MK	442844
Aldrin	SW8081B	1	0.22	2.3	ND		ug/Kg	10/01/19	20:56	MK	442844
Heptachlor Epoxide	SW8081B	1	0.090	2.3	ND		ug/Kg	10/01/19	20:56	MK	442844
gamma-Chlordane	SW8081B	1	0.19	2.3	ND		ug/Kg	10/01/19	20:56	MK	442844
alpha-Chlordane	SW8081B	1	0.20	2.3	ND		ug/Kg	10/01/19	20:56	MK	442844
4,4'-DDE	SW8081B	1	0.22	2.3	ND		ug/Kg	10/01/19	20:56	MK	442844
Endosulfan I	SW8081B	1	0.21	2.3	ND		ug/Kg	10/01/19	20:56	MK	442844
Dieldrin	SW8081B	1	0.17	2.3	ND		ug/Kg	10/01/19	20:56	MK	442844
Endrin	SW8081B	1	0.22	2.3	ND		ug/Kg	10/01/19	20:56	MK	442844
4,4'-DDD	SW8081B	1	0.65	2.3	ND		ug/Kg	10/01/19	20:56	MK	442844
Endosulfan II	SW8081B	1	0.66	2.3	ND		ug/Kg	10/01/19	20:56	MK	442844
4,4'-DDT	SW8081B	1	0.15	2.3	ND		ug/Kg	10/01/19	20:56	MK	442844
Endrin Aldehyde	SW8081B	1	0.17	2.3	ND		ug/Kg	10/01/19	20:56	MK	442844
Methoxychlor	SW8081B	1	0.23	2.3	ND		ug/Kg	10/01/19	20:56	MK	442844
Endosulfan Sulfate	SW8081B	1	0.13	2.3	ND		ug/Kg	10/01/19	20:56	MK	442844
Endrin Ketone	SW8081B	1	0.11	2.3	ND		ug/Kg	10/01/19	20:56	MK	442844
Chlordane	SW8081B	1	2.4	23	ND		ug/Kg	10/01/19	20:56	MK	442844
Toxaphene	SW8081B	1	9.8	58	ND		ug/Kg	10/01/19	20:56	MK	442844
Acceptance Limits											
TCMX (S)	SW8081B		48 - 125		<b>91.1</b>		%	10/01/19	20:56	MK	442844
DCBP (S)	SW8081B		38 - 135		<b>90.6</b>		%	10/01/19	20:56	MK	442844



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/28/19, 4:40 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-4(3-3.5)	<b>Lab Sample ID:</b>	1909254-013A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/28/19 / 9:08		
<b>SDG:</b>			

<b>Prep Method:</b> % Water-P	<b>Prep Batch Date/Time:</b> 10/4/19	6:50:00PM
<b>Prep Batch ID:</b> 1117182	<b>Prep Analyst:</b> BJAY	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Moisture, Percent	ASTM D2216-90	1	0.050	0.050	15.0		%	10/05/19	12:30	BJAY	442910
Dry Weight Factor	ASTM D2216-90	1	1	1	1.15		-	10/05/19	12:30	BJAY	442910



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/28/19, 4:40 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-4(3-3.5)	<b>Lab Sample ID:</b>	1909254-013A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/28/19 / 9:08		
<b>SDG:</b>			

<b>Prep Method:</b> 3546_BNA	<b>Prep Batch Date/Time:</b> 10/1/19 10:24:00AM
<b>Prep Batch ID:</b> 1117038	<b>Prep Analyst:</b> SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
N-Nitrosodimethylamine	SW8270C	1	53.9	828	ND		ug/Kg	10/02/19	22:49	MT	442802
Phenol	SW8270C	1	50.4	331	ND		ug/Kg	10/02/19	22:49	MT	442802
Bis(2-chloroethyl)ether	SW8270C	1	15.3	166	ND		ug/Kg	10/02/19	22:49	MT	442802
2-Chlorophenol	SW8270C	1	54.9	331	ND		ug/Kg	10/02/19	22:49	MT	442802
1,3-Dichlorobenzene	SW8270C	1	15.1	166	ND		ug/Kg	10/02/19	22:49	MT	442802
1,4-Dichlorobenzene	SW8270C	1	16.8	166	ND		ug/Kg	10/02/19	22:49	MT	442802
Benzyl Alcohol	SW8270C	1	23.5	331	ND		ug/Kg	10/02/19	22:49	MT	442802
1,2-Dichlorobenzene	SW8270C	1	15.5	166	ND		ug/Kg	10/02/19	22:49	MT	442802
2-Methylphenol (o-Cresol)	SW8270C	1	33.7	331	ND		ug/Kg	10/02/19	22:49	MT	442802
N-Methyl-2-Pyrrolidone (NMP)	SW8270C	1	78.2	828	ND		ug/Kg	10/02/19	22:49	MT	442802
3-/4-Methylphenol (p-/m-Cresol)	SW8270C	1	36.0	331	ND		ug/Kg	10/02/19	22:49	MT	442802
N-nitroso-di-n-propylamine	SW8270C	1	15.1	166	ND		ug/Kg	10/02/19	22:49	MT	442802
Hexachloroethane	SW8270C	1	19.6	166	ND		ug/Kg	10/02/19	22:49	MT	442802
Nitrobenzene	SW8270C	1	14.8	166	ND		ug/Kg	10/02/19	22:49	MT	442802
Isophorone	SW8270C	1	14.0	166	ND		ug/Kg	10/02/19	22:49	MT	442802
2-Nitrophenol	SW8270C	1	29.2	331	ND		ug/Kg	10/02/19	22:49	MT	442802
2,4-Dimethylphenol	SW8270C	1	26.2	331	ND		ug/Kg	10/02/19	22:49	MT	442802
Benzoic Acid	SW8270C	1	48.0	331	ND		ug/Kg	10/02/19	22:49	MT	442802
Bis(2-Chloroethoxy)methane	SW8270C	1	11.3	166	ND		ug/Kg	10/02/19	22:49	MT	442802
Bis(2-chloroisopropyl)ether	SW8270C	1	14.5	166	ND		ug/Kg	10/02/19	22:49	MT	442802
2,4-Dichlorophenol	SW8270C	1	45.2	331	ND		ug/Kg	10/02/19	22:49	MT	442802
1,2,4-Trichlorobenzene	SW8270C	1	13.6	166	ND		ug/Kg	10/02/19	22:49	MT	442802
2,6-Dichlorophenol	SW8270C	1	41.2	331	ND		ug/Kg	10/02/19	22:49	MT	442802
Hexachloro-1,3-butadiene	SW8270C	1	9.59	166	ND		ug/Kg	10/02/19	22:49	MT	442802
4-Chloro-3-methylphenol	SW8270C	1	38.9	331	ND		ug/Kg	10/02/19	22:49	MT	442802
Hexachlorocyclopentadiene	SW8270C	1	14.9	166	ND		ug/Kg	10/02/19	22:49	MT	442802
2,4,6-Trichlorophenol	SW8270C	1	41.3	331	ND		ug/Kg	10/02/19	22:49	MT	442802
2,4,5-Trichlorophenol	SW8270C	1	38.4	331	ND		ug/Kg	10/02/19	22:49	MT	442802
2-Chloronaphthalene	SW8270C	1	12.2	166	ND		ug/Kg	10/02/19	22:49	MT	442802
1,4-Dinitrobenzene	SW8270C	1	11.9	166	ND		ug/Kg	10/02/19	22:49	MT	442802
Dimethyl phthalate	SW8270C	1	16.3	828	ND		ug/Kg	10/02/19	22:49	MT	442802
1,3-Dinitrobenzene	SW8270C	1	12.0	166	ND		ug/Kg	10/02/19	22:49	MT	442802
2,6-Dinitrotoluene	SW8270C	1	13.0	166	ND		ug/Kg	10/02/19	22:49	MT	442802
1,2-Dinitrobenzene	SW8270C	1	18.1	166	ND		ug/Kg	10/02/19	22:49	MT	442802
2,4-Dinitrophenol	SW8270C	1	89.2	828	ND		ug/Kg	10/02/19	22:49	MT	442802



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/28/19, 4:40 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-4(3-3.5)	<b>Lab Sample ID:</b>	1909254-013A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/28/19 / 9:08		
<b>SDG:</b>			

<b>Prep Method:</b> 3546_BNA	<b>Prep Batch Date/Time:</b> 10/1/19 10:24:00AM
<b>Prep Batch ID:</b> 1117038	<b>Prep Analyst:</b> SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
4-Nitrophenol	SW8270C	1	62.9	828	ND		ug/Kg	10/02/19	22:49	MT	442802
Dibenzofuran	SW8270C	1	12.9	166	ND		ug/Kg	10/02/19	22:49	MT	442802
2,4-Dinitrotoluene	SW8270C	1	13.9	166	ND		ug/Kg	10/02/19	22:49	MT	442802
2,3,5,6-Tetrachlorophenol	SW8270C	1	31.7	331	ND		ug/Kg	10/02/19	22:49	MT	442802
2,3,4,6-Tetrachlorophenol	SW8270C	1	36.2	331	ND		ug/Kg	10/02/19	22:49	MT	442802
Diethylphthalate	SW8270C	1	15.7	828	ND		ug/Kg	10/02/19	22:49	MT	442802
4-Chlorophenyl-phenylether	SW8270C	1	10.7	166	ND		ug/Kg	10/02/19	22:49	MT	442802
4,6-Dinitro-2-methylphenol	SW8270C	1	15.4	331	ND		ug/Kg	10/02/19	22:49	MT	442802
Diphenylamine	SW8270C	1	15.0	166	ND		ug/Kg	10/02/19	22:49	MT	442802
4-Bromophenyl-phenylether	SW8270C	1	9.46	166	ND		ug/Kg	10/02/19	22:49	MT	442802
Hexachlorobenzene	SW8270C	1	9.95	166	ND		ug/Kg	10/02/19	22:49	MT	442802
Pentachlorophenol	SW8270C	1	28.7	331	ND		ug/Kg	10/02/19	22:49	MT	442802
Carbazole	SW8270C	1	12.3	166	ND		ug/Kg	10/02/19	22:49	MT	442802
Di-n-butylphthalate	SW8270C	1	15.5	166	ND		ug/Kg	10/02/19	22:49	MT	442802
Benzidine	SW8270C	1	169	166	ND		ug/Kg	10/02/19	22:49	MT	442802
Butylbenzylphthalate	SW8270C	1	24.2	828	ND		ug/Kg	10/02/19	22:49	MT	442802
Benzo(a)anthracene	SW8270C	1	11.3	166	ND		ug/Kg	10/02/19	22:49	MT	442802
3,3-Dichlorobenzidine	SW8270C	1	135	166	ND		ug/Kg	10/02/19	22:49	MT	442802
Bis(2-Ethylhexyl)phthalate	SW8270C	1	17.6	828	ND		ug/Kg	10/02/19	22:49	MT	442802
Di-n-Octylphthalate	SW8270C	1	14.1	166	ND		ug/Kg	10/02/19	22:49	MT	442802
Pyridine	SW8270C	1	50.4	828	ND		ug/Kg	10/02/19	22:49	MT	442802
Acceptance Limits											
2-Fluorophenol (S)	SW8270C		25 - 121		<b>61.1</b>		%	10/02/19	22:49	MT	442802
Phenol-d6 (S)	SW8270C		24 - 113		<b>69.4</b>		%	10/02/19	22:49	MT	442802
2,4,6-Tribromophenol (S)	SW8270C		19 - 122		<b>47.6</b>		%	10/02/19	22:49	MT	442802
2-Fluorobiphenyl (S)	SW8270C		45 - 143		<b>72.2</b>		%	10/02/19	22:49	MT	442802
Nitrobenzene-d5 (S)	SW8270C		23 - 120		<b>66.9</b>		%	10/02/19	22:49	MT	442802
Terphenyl-d14 (S)	SW8270C		18 - 137		<b>80.9</b>		%	10/02/19	22:49	MT	442802



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/28/19, 4:40 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-4(3-3.5)	<b>Lab Sample ID:</b>	1909254-013A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/28/19 / 9:08		
<b>SDG:</b>			

<b>Prep Method:</b> 3546_TPH	<b>Prep Batch Date/Time:</b> 10/1/19 1:20:00PM
<b>Prep Batch ID:</b> 1117043	<b>Prep Analyst:</b> SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel	SW8015B	1	0.98	2.3	ND		mg/Kg	10/02/19	0:58	MK	442805
TPH as Motor Oil	SW8015B	1	3.7	12	ND		mg/Kg	10/02/19	0:58	MK	442805
			Acceptance Limits								
Pentacosane (S)	SW8015B		59 - 129		<b>80.6</b>		%	10/02/19	0:58	MK	442805





## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/28/19, 4:40 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-4(3-3.5)	<b>Lab Sample ID:</b>	1909254-013B
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/28/19 / 9:08		
<b>SDG:</b>			

<b>Prep Method:</b> 5035	<b>Prep Batch Date/Time:</b> 10/1/19 10:11:00AM
<b>Prep Batch ID:</b> 1117113	<b>Prep Analyst:</b> BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	SW8260B	1	1.3	10	ND		ug/Kg	10/01/19	14:15	BP	442837
Chloromethane	SW8260B	1	1.9	10	ND		ug/Kg	10/01/19	14:15	BP	442837
Vinyl Chloride	SW8260B	1	2.1	10	ND		ug/Kg	10/01/19	14:15	BP	442837
Bromomethane	SW8260B	1	2.8	10	ND		ug/Kg	10/01/19	14:15	BP	442837
Chloroethane	SW8260B	1	3.1	10	ND		ug/Kg	10/01/19	14:15	BP	442837
Trichlorofluoromethane	SW8260B	1	2.1	10	ND		ug/Kg	10/01/19	14:15	BP	442837
1,1-Dichloroethene	SW8260B	1	2.1	10	ND		ug/Kg	10/01/19	14:15	BP	442837
Freon 113	SW8260B	1	1.9	10	ND		ug/Kg	10/01/19	14:15	BP	442837
Methylene Chloride	SW8260B	1	7.3	10	ND		ug/Kg	10/01/19	14:15	BP	442837
trans-1,2-Dichloroethene	SW8260B	1	2.1	10	ND		ug/Kg	10/01/19	14:15	BP	442837
MTBE	SW8260B	1	2.4	10	ND		ug/Kg	10/01/19	14:15	BP	442837
TBA	SW8260B	1	12	52	ND		ug/Kg	10/01/19	14:15	BP	442837
Diisopropyl ether	SW8260B	1	2.4	10	ND		ug/Kg	10/01/19	14:15	BP	442837
1,1-Dichloroethane	SW8260B	1	2.3	10	ND		ug/Kg	10/01/19	14:15	BP	442837
Ethyl tert-Butyl ether	SW8260B	1	2.4	10	ND		ug/Kg	10/01/19	14:15	BP	442837
cis-1,2-Dichloroethene	SW8260B	1	2.3	10	ND		ug/Kg	10/01/19	14:15	BP	442837
2,2-Dichloropropane	SW8260B	1	2.0	10	ND		ug/Kg	10/01/19	14:15	BP	442837
Bromochloromethane	SW8260B	1	2.4	10	ND		ug/Kg	10/01/19	14:15	BP	442837
Chloroform	SW8260B	1	2.4	10	ND		ug/Kg	10/01/19	14:15	BP	442837
Carbon Tetrachloride	SW8260B	1	2.1	10	ND		ug/Kg	10/01/19	14:15	BP	442837
1,1,1-Trichloroethane	SW8260B	1	2.2	10	ND		ug/Kg	10/01/19	14:15	BP	442837
1,1-Dichloropropene	SW8260B	1	2.0	10	ND		ug/Kg	10/01/19	14:15	BP	442837
Benzene	SW8260B	1	2.3	10	ND		ug/Kg	10/01/19	14:15	BP	442837
TAME	SW8260B	1	2.3	10	ND		ug/Kg	10/01/19	14:15	BP	442837
1,2-Dichloroethane	SW8260B	1	2.4	10	ND		ug/Kg	10/01/19	14:15	BP	442837
Trichloroethylene	SW8260B	1	1.9	10	ND		ug/Kg	10/01/19	14:15	BP	442837
Dibromomethane	SW8260B	1	1.9	10	ND		ug/Kg	10/01/19	14:15	BP	442837
1,2-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	10/01/19	14:15	BP	442837
Bromodichloromethane	SW8260B	1	2.0	10	ND		ug/Kg	10/01/19	14:15	BP	442837
cis-1,3-Dichloropropene	SW8260B	1	1.6	10	ND		ug/Kg	10/01/19	14:15	BP	442837
Toluene	SW8260B	1	1.9	10	ND		ug/Kg	10/01/19	14:15	BP	442837
Tetrachloroethylene	SW8260B	1	1.7	10	ND		ug/Kg	10/01/19	14:15	BP	442837
trans-1,3-Dichloropropene	SW8260B	1	1.7	10	ND		ug/Kg	10/01/19	14:15	BP	442837
1,1,2-Trichloroethane	SW8260B	1	1.9	10	ND		ug/Kg	10/01/19	14:15	BP	442837
Dibromochloromethane	SW8260B	1	1.9	10	ND		ug/Kg	10/01/19	14:15	BP	442837



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/28/19, 4:40 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-4(3-3.5)	<b>Lab Sample ID:</b>	1909254-013B
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/28/19 / 9:08		
<b>SDG:</b>			

<b>Prep Method:</b> 5035	<b>Prep Batch Date/Time:</b> 10/1/19 10:11:00AM
<b>Prep Batch ID:</b> 1117113	<b>Prep Analyst:</b> BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
1,3-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	10/01/19	14:15	BP	442837
1,2-Dibromoethane	SW8260B	1	1.9	10	ND		ug/Kg	10/01/19	14:15	BP	442837
Chlorobenzene	SW8260B	1	1.9	10	ND		ug/Kg	10/01/19	14:15	BP	442837
Ethylbenzene	SW8260B	1	1.7	10	ND		ug/Kg	10/01/19	14:15	BP	442837
1,1,1,2-Tetrachloroethane	SW8260B	1	2.0	10	ND		ug/Kg	10/01/19	14:15	BP	442837
m,p-Xylene	SW8260B	1	3.3	10	ND		ug/Kg	10/01/19	14:15	BP	442837
o-Xylene	SW8260B	1	1.8	10	ND		ug/Kg	10/01/19	14:15	BP	442837
Styrene	SW8260B	1	1.7	10	ND		ug/Kg	10/01/19	14:15	BP	442837
Bromoforn	SW8260B	1	1.7	10	ND		ug/Kg	10/01/19	14:15	BP	442837
Isopropyl Benzene	SW8260B	1	1.7	10	ND		ug/Kg	10/01/19	14:15	BP	442837
n-Propylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	10/01/19	14:15	BP	442837
Bromobenzene	SW8260B	1	1.8	10	ND		ug/Kg	10/01/19	14:15	BP	442837
1,1,2,2-Tetrachloroethane	SW8260B	1	2.0	10	ND		ug/Kg	10/01/19	14:15	BP	442837
2-Chlorotoluene	SW8260B	1	1.8	10	ND		ug/Kg	10/01/19	14:15	BP	442837
1,3,5-Trimethylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	10/01/19	14:15	BP	442837
1,2,3-Trichloropropane	SW8260B	1	2.0	10	ND		ug/Kg	10/01/19	14:15	BP	442837
4-Chlorotoluene	SW8260B	1	1.7	10	ND		ug/Kg	10/01/19	14:15	BP	442837
tert-Butylbenzene	SW8260B	1	1.7	10	ND		ug/Kg	10/01/19	14:15	BP	442837
1,2,4-Trimethylbenzene	SW8260B	1	1.4	10	ND		ug/Kg	10/01/19	14:15	BP	442837
sec-Butyl Benzene	SW8260B	1	1.6	10	ND		ug/Kg	10/01/19	14:15	BP	442837
p-Isopropyltoluene	SW8260B	1	1.5	10	ND		ug/Kg	10/01/19	14:15	BP	442837
1,3-Dichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	10/01/19	14:15	BP	442837
1,4-Dichlorobenzene	SW8260B	1	1.8	10	ND		ug/Kg	10/01/19	14:15	BP	442837
n-Butylbenzene	SW8260B	1	1.5	10	ND		ug/Kg	10/01/19	14:15	BP	442837
1,2-Dichlorobenzene	SW8260B	1	1.8	10	ND		ug/Kg	10/01/19	14:15	BP	442837
1,2-Dibromo-3-Chloropropane	SW8260B	1	1.9	10	ND		ug/Kg	10/01/19	14:15	BP	442837
Hexachlorobutadiene	SW8260B	1	1.4	10	ND		ug/Kg	10/01/19	14:15	BP	442837
1,2,4-Trichlorobenzene	SW8260B	1	1.5	10	ND		ug/Kg	10/01/19	14:15	BP	442837
Naphthalene	SW8260B	1	1.7	10	ND		ug/Kg	10/01/19	14:15	BP	442837
1,2,3-Trichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	10/01/19	14:15	BP	442837
2-Butanone	SW8260B	1	2.4	10	ND		ug/Kg	10/01/19	14:15	BP	442837
(S) Dibromofluoromethane	SW8260B		59.8 - 148		<b>101</b>		%	10/01/19	14:15	BP	442837
(S) Toluene-d8	SW8260B		55.2 - 133		<b>102</b>		%	10/01/19	14:15	BP	442837
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		<b>98.5</b>		%	10/01/19	14:15	BP	442837



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/28/19, 4:40 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-4(3-3.5)	<b>Lab Sample ID:</b>	1909254-013B
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/28/19 / 9:08		
<b>SDG:</b>			

<b>Prep Method:</b> 5035GRO	<b>Prep Batch Date/Time:</b> 10/1/19	10:11:00AM
<b>Prep Batch ID:</b> 1117114	<b>Prep Analyst:</b> BPATEL	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH(Gasoline)	8260TPH	1	45	100	ND		ug/Kg	10/01/19	14:15	BP	442837
(S) 4-Bromofluorobenzene	8260TPH		43.9 - 127		<b>86.3</b>		%	10/01/19	14:15	BP	442837



### SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/28/19, 4:40 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-4(5.5-6)	<b>Lab Sample ID:</b>	1909254-014A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/28/19 / 9:33		
<b>SDG:</b>			

<b>Prep Method:</b> 7471BP	<b>Prep Batch Date/Time:</b> 9/30/19	5:30:00PM
<b>Prep Batch ID:</b> 1117035	<b>Prep Analyst:</b> IRNAZ	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Mercury	SW7471B	1	0.098	0.59	ND		mg/Kg	10/01/19	10:50	BJAY	442816



## SAMPLE RESULTS

Report prepared for: Ron Helm  
Cornerstone Earth Group

Date/Time Received: 09/28/19, 4:40 pm  
Date Reported: 10/18/19

Client Sample ID:	EB-4(5.5-6)	Lab Sample ID:	1909254-014A
Project Name/Location:	95 S. Almaden Soil Profiling	Sample Matrix:	Soil
Project Number:	510-29-2		
Date/Time Sampled:	09/28/19 / 9:33		
SDG:			

Prep Method: 3050B	Prep Batch Date/Time: 9/30/19	5:15:00PM
Prep Batch ID: 1117036	Prep Analyst: IRNAZ	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Antimony	SW6010B	1	0.059	5.85	ND		mg/Kg	10/01/19	13:29	PPATEL	442796
Arsenic	SW6010B	1	0.18	1.52	<b>5.63</b>		mg/Kg	10/01/19	13:29	PPATEL	442796
Barium	SW6010B	1	0.064	5.85	<b>201</b>		mg/Kg	10/01/19	13:29	PPATEL	442796
Beryllium	SW6010B	1	0.064	5.85	ND		mg/Kg	10/01/19	13:29	PPATEL	442796
Cadmium	SW6010B	1	0.12	5.85	ND		mg/Kg	10/01/19	13:29	PPATEL	442796
Chromium	SW6010B	1	0.088	5.85	<b>43.2</b>		mg/Kg	10/01/19	13:29	PPATEL	442796
Cobalt	SW6010B	1	0.082	5.85	<b>10.9</b>		mg/Kg	10/01/19	13:29	PPATEL	442796
Copper	SW6010B	1	0.23	5.85	<b>29.7</b>		mg/Kg	10/01/19	13:29	PPATEL	442796
Lead	SW6010B	1	0.12	3.51	<b>8.37</b>		mg/Kg	10/01/19	13:29	PPATEL	442796
Molybdenum	SW6010B	1	0.059	5.85	ND		mg/Kg	10/01/19	13:29	PPATEL	442796
Nickel	SW6010B	1	0.59	5.85	<b>70.8</b>		mg/Kg	10/01/19	13:29	PPATEL	442796
Selenium	SW6010B	1	0.26	5.85	ND		mg/Kg	10/01/19	13:29	PPATEL	442796
Silver	SW6010B	1	0.18	5.85	ND		mg/Kg	10/01/19	13:29	PPATEL	442796
Thallium	SW6010B	1	0.64	5.85	ND		mg/Kg	10/01/19	13:29	PPATEL	442796
Vanadium	SW6010B	1	0.12	5.85	<b>29.9</b>		mg/Kg	10/01/19	13:29	PPATEL	442796
Zinc	SW6010B	1	0.35	5.85	<b>58.0</b>		mg/Kg	10/01/19	13:29	PPATEL	442796



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/28/19, 4:40 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-4(5.5-6)	<b>Lab Sample ID:</b>	1909254-014A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/28/19 / 9:33		
<b>SDG:</b>			

<b>Prep Method:</b> 3546_PAHSIM	<b>Prep Batch Date/Time:</b> 10/1/19 10:26:00AM
<b>Prep Batch ID:</b> 1117039	<b>Prep Analyst:</b> SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Naphthalene	SW8270C	5	3.0	23	ND		ug/Kg	10/01/19	17:07	MT	442817
2-Methylnaphthalene	SW8270C	5	1.3	23	ND		ug/Kg	10/01/19	17:07	MT	442817
1-Methylnaphthalene	SW8270C	5	1.1	23	ND		ug/Kg	10/01/19	17:07	MT	442817
Acenaphthylene	SW8270C	5	1.1	23	ND		ug/Kg	10/01/19	17:07	MT	442817
Acenaphthene	SW8270C	5	0.95	23	ND		ug/Kg	10/01/19	17:07	MT	442817
Fluorene	SW8270C	5	1.6	23	ND		ug/Kg	10/01/19	17:07	MT	442817
Phenanthrene	SW8270C	5	3.5	23	ND		ug/Kg	10/01/19	17:07	MT	442817
Anthracene	SW8270C	5	3.1	23	ND		ug/Kg	10/01/19	17:07	MT	442817
Fluoranthene	SW8270C	5	3.1	23	ND		ug/Kg	10/01/19	17:07	MT	442817
Pyrene	SW8270C	5	3.2	23	ND		ug/Kg	10/01/19	17:07	MT	442817
Benz[a]anthracene	SW8270C	5	2.7	23	ND		ug/Kg	10/01/19	17:07	MT	442817
Chrysene	SW8270C	5	2.9	23	ND		ug/Kg	10/01/19	17:07	MT	442817
Benzo[b]fluoranthene	SW8270C	5	1.4	23	ND		ug/Kg	10/01/19	17:07	MT	442817
Benzo[k]fluoranthene	SW8270C	5	1.3	23	ND		ug/Kg	10/01/19	17:07	MT	442817
Benzo[a]pyrene	SW8270C	5	1.7	23	ND		ug/Kg	10/01/19	17:07	MT	442817
Indeno[1,2,3-cd]pyrene	SW8270C	5	1.3	23	ND		ug/Kg	10/01/19	17:07	MT	442817
Dibenz[a,h]anthracene	SW8270C	5	1.6	23	ND		ug/Kg	10/01/19	17:07	MT	442817
Benzo[g,h,i]perylene	SW8270C	5	1.6	23	ND		ug/Kg	10/01/19	17:07	MT	442817
Acceptance Limits											
2-Fluorobiphenyl (S)	SW8270C		45 - 125		<b>83</b>		%	10/01/19	17:07	MT	442817
p-Terphenyl-d14 (S)	SW8270C		30 - 125		<b>92</b>		%	10/01/19	17:07	MT	442817

**NOTE:** Sample diluted due to nature of the matrix (dark, viscous extract)



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/28/19, 4:40 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-4(5.5-6)	<b>Lab Sample ID:</b>	1909254-014A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/28/19 / 9:33		
<b>SDG:</b>			

<b>Prep Method:</b> 3546_PCB	<b>Prep Batch Date/Time:</b> 10/1/19 1:30:00PM
<b>Prep Batch ID:</b> 1117046	<b>Prep Analyst:</b> SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Aroclor1016	SW8082A	1	62	120	ND		ug/Kg	10/01/19	15:39	MK	442798
Aroclor1221	SW8082A	1	5.9	120	ND		ug/Kg	10/01/19	15:39	MK	442798
Aroclor1232	SW8082A	1	20	120	ND		ug/Kg	10/01/19	15:39	MK	442798
Aroclor1242	SW8082A	1	3.5	120	ND		ug/Kg	10/01/19	15:39	MK	442798
Aroclor1248	SW8082A	1	2.3	120	ND		ug/Kg	10/01/19	15:39	MK	442798
Aroclor1254	SW8082A	1	2.3	120	ND		ug/Kg	10/01/19	15:39	MK	442798
Aroclor1260	SW8082A	1	42	120	ND		ug/Kg	10/01/19	15:39	MK	442798
Acceptance Limits											
TCMX (S)	SW8082A		48 - 125		<b>99.0</b>		%	10/01/19	15:39	MK	442798
DCBP (S)	SW8082A		48 - 135		<b>83.0</b>		%	10/01/19	15:39	MK	442798



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/28/19, 4:40 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-4(5.5-6)	<b>Lab Sample ID:</b>	1909254-014A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/28/19 / 9:33		
<b>SDG:</b>			

<b>Prep Method:</b> 3546_OCP	<b>Prep Batch Date/Time:</b> 10/1/19 1:26:00PM
<b>Prep Batch ID:</b> 1117044	<b>Prep Analyst:</b> SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
alpha-BHC	SW8081B	1	0.15	2.3	ND		ug/Kg	10/01/19	21:10	MK	442844
gamma-BHC (Lindane)	SW8081B	1	0.19	2.3	ND		ug/Kg	10/01/19	21:10	MK	442844
beta-BHC	SW8081B	1	0.37	2.3	ND		ug/Kg	10/01/19	21:10	MK	442844
delta-BHC	SW8081B	1	0.18	2.3	ND		ug/Kg	10/01/19	21:10	MK	442844
Heptachlor	SW8081B	1	0.12	2.3	ND		ug/Kg	10/01/19	21:10	MK	442844
Aldrin	SW8081B	1	0.23	2.3	ND		ug/Kg	10/01/19	21:10	MK	442844
Heptachlor Epoxide	SW8081B	1	0.091	2.3	ND		ug/Kg	10/01/19	21:10	MK	442844
gamma-Chlordane	SW8081B	1	0.19	2.3	ND		ug/Kg	10/01/19	21:10	MK	442844
alpha-Chlordane	SW8081B	1	0.20	2.3	ND		ug/Kg	10/01/19	21:10	MK	442844
4,4'-DDE	SW8081B	1	0.23	2.3	ND		ug/Kg	10/01/19	21:10	MK	442844
Endosulfan I	SW8081B	1	0.21	2.3	ND		ug/Kg	10/01/19	21:10	MK	442844
Dieldrin	SW8081B	1	0.17	2.3	ND		ug/Kg	10/01/19	21:10	MK	442844
Endrin	SW8081B	1	0.22	2.3	ND		ug/Kg	10/01/19	21:10	MK	442844
4,4'-DDD	SW8081B	1	0.66	2.3	ND		ug/Kg	10/01/19	21:10	MK	442844
Endosulfan II	SW8081B	1	0.67	2.3	ND		ug/Kg	10/01/19	21:10	MK	442844
4,4'-DDT	SW8081B	1	0.15	2.3	ND		ug/Kg	10/01/19	21:10	MK	442844
Endrin Aldehyde	SW8081B	1	0.18	2.3	ND		ug/Kg	10/01/19	21:10	MK	442844
Methoxychlor	SW8081B	1	0.23	2.3	ND		ug/Kg	10/01/19	21:10	MK	442844
Endosulfan Sulfate	SW8081B	1	0.14	2.3	ND		ug/Kg	10/01/19	21:10	MK	442844
Endrin Ketone	SW8081B	1	0.11	2.3	ND		ug/Kg	10/01/19	21:10	MK	442844
Chlordane	SW8081B	1	2.5	23	ND		ug/Kg	10/01/19	21:10	MK	442844
Toxaphene	SW8081B	1	10.	59	ND		ug/Kg	10/01/19	21:10	MK	442844
Acceptance Limits											
TCMX (S)	SW8081B		48 - 125		<b>93.1</b>		%	10/01/19	21:10	MK	442844
DCBP (S)	SW8081B		38 - 135		<b>93.8</b>		%	10/01/19	21:10	MK	442844





## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/28/19, 4:40 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-4(5.5-6)	<b>Lab Sample ID:</b>	1909254-014A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/28/19 / 9:33		
<b>SDG:</b>			

<b>Prep Method:</b> % Water-P	<b>Prep Batch Date/Time:</b> 10/4/19	6:50:00PM
<b>Prep Batch ID:</b> 1117182	<b>Prep Analyst:</b> BJAY	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Moisture, Percent	ASTM D2216-90	1	0.050	0.050	17.2		%	10/05/19	12:30	BJAY	442910
Dry Weight Factor	ASTM D2216-90	1	1	1	1.17		-	10/05/19	12:30	BJAY	442910



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/28/19, 4:40 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-4(5.5-6)	<b>Lab Sample ID:</b>	1909254-014A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/28/19 / 9:33		
<b>SDG:</b>			

<b>Prep Method:</b> 3546_BNA	<b>Prep Batch Date/Time:</b> 10/1/19 10:24:00AM
<b>Prep Batch ID:</b> 1117038	<b>Prep Analyst:</b> SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
N-Nitrosodimethylamine	SW8270C	1	54.9	842	ND		ug/Kg	10/02/19	23:19	MT	442802
Phenol	SW8270C	1	51.3	337	ND		ug/Kg	10/02/19	23:19	MT	442802
Bis(2-chloroethyl)ether	SW8270C	1	15.6	168	ND		ug/Kg	10/02/19	23:19	MT	442802
2-Chlorophenol	SW8270C	1	55.8	337	ND		ug/Kg	10/02/19	23:19	MT	442802
1,3-Dichlorobenzene	SW8270C	1	15.4	168	ND		ug/Kg	10/02/19	23:19	MT	442802
1,4-Dichlorobenzene	SW8270C	1	17.1	168	ND		ug/Kg	10/02/19	23:19	MT	442802
Benzyl Alcohol	SW8270C	1	23.9	337	ND		ug/Kg	10/02/19	23:19	MT	442802
1,2-Dichlorobenzene	SW8270C	1	15.8	168	ND		ug/Kg	10/02/19	23:19	MT	442802
2-Methylphenol (o-Cresol)	SW8270C	1	34.3	337	ND		ug/Kg	10/02/19	23:19	MT	442802
N-Methyl-2-Pyrrolidone (NMP)	SW8270C	1	79.6	842	ND		ug/Kg	10/02/19	23:19	MT	442802
3-/4-Methylphenol (p-/m-Cresol)	SW8270C	1	36.6	337	ND		ug/Kg	10/02/19	23:19	MT	442802
N-nitroso-di-n-propylamine	SW8270C	1	15.4	168	ND		ug/Kg	10/02/19	23:19	MT	442802
Hexachloroethane	SW8270C	1	20.0	168	ND		ug/Kg	10/02/19	23:19	MT	442802
Nitrobenzene	SW8270C	1	15.0	168	ND		ug/Kg	10/02/19	23:19	MT	442802
Isophorone	SW8270C	1	14.2	168	ND		ug/Kg	10/02/19	23:19	MT	442802
2-Nitrophenol	SW8270C	1	29.7	337	ND		ug/Kg	10/02/19	23:19	MT	442802
2,4-Dimethylphenol	SW8270C	1	26.7	337	ND		ug/Kg	10/02/19	23:19	MT	442802
Benzoic Acid	SW8270C	1	48.8	337	ND		ug/Kg	10/02/19	23:19	MT	442802
Bis(2-Chloroethoxy)methane	SW8270C	1	11.5	168	ND		ug/Kg	10/02/19	23:19	MT	442802
Bis(2-chloroisopropyl)ether	SW8270C	1	14.7	168	ND		ug/Kg	10/02/19	23:19	MT	442802
2,4-Dichlorophenol	SW8270C	1	46.0	337	ND		ug/Kg	10/02/19	23:19	MT	442802
1,2,4-Trichlorobenzene	SW8270C	1	13.8	168	ND		ug/Kg	10/02/19	23:19	MT	442802
2,6-Dichlorophenol	SW8270C	1	41.9	337	ND		ug/Kg	10/02/19	23:19	MT	442802
Hexachloro-1,3-butadiene	SW8270C	1	9.75	168	ND		ug/Kg	10/02/19	23:19	MT	442802
4-Chloro-3-methylphenol	SW8270C	1	39.5	337	ND		ug/Kg	10/02/19	23:19	MT	442802
Hexachlorocyclopentadiene	SW8270C	1	15.1	168	ND		ug/Kg	10/02/19	23:19	MT	442802
2,4,6-Trichlorophenol	SW8270C	1	42.1	337	ND		ug/Kg	10/02/19	23:19	MT	442802
2,4,5-Trichlorophenol	SW8270C	1	39.1	337	ND		ug/Kg	10/02/19	23:19	MT	442802
2-Chloronaphthalene	SW8270C	1	12.4	168	ND		ug/Kg	10/02/19	23:19	MT	442802
1,4-Dinitrobenzene	SW8270C	1	12.1	168	ND		ug/Kg	10/02/19	23:19	MT	442802
Dimethyl phthalate	SW8270C	1	16.6	842	ND		ug/Kg	10/02/19	23:19	MT	442802
1,3-Dinitrobenzene	SW8270C	1	12.2	168	ND		ug/Kg	10/02/19	23:19	MT	442802
2,6-Dinitrotoluene	SW8270C	1	13.2	168	ND		ug/Kg	10/02/19	23:19	MT	442802
1,2-Dinitrobenzene	SW8270C	1	18.4	168	ND		ug/Kg	10/02/19	23:19	MT	442802
2,4-Dinitrophenol	SW8270C	1	90.7	842	ND		ug/Kg	10/02/19	23:19	MT	442802



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/28/19, 4:40 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-4(5.5-6)	<b>Lab Sample ID:</b>	1909254-014A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/28/19 / 9:33		
<b>SDG:</b>			

<b>Prep Method:</b> 3546_BNA	<b>Prep Batch Date/Time:</b> 10/1/19 10:24:00AM
<b>Prep Batch ID:</b> 1117038	<b>Prep Analyst:</b> SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
4-Nitrophenol	SW8270C	1	64.0	842	ND		ug/Kg	10/02/19	23:19	MT	442802
Dibenzofuran	SW8270C	1	13.1	168	ND		ug/Kg	10/02/19	23:19	MT	442802
2,4-Dinitrotoluene	SW8270C	1	14.1	168	ND		ug/Kg	10/02/19	23:19	MT	442802
2,3,5,6-Tetrachlorophenol	SW8270C	1	32.3	337	ND		ug/Kg	10/02/19	23:19	MT	442802
2,3,4,6-Tetrachlorophenol	SW8270C	1	36.8	337	ND		ug/Kg	10/02/19	23:19	MT	442802
Diethylphthalate	SW8270C	1	15.9	842	ND		ug/Kg	10/02/19	23:19	MT	442802
4-Chlorophenyl-phenylether	SW8270C	1	10.9	168	ND		ug/Kg	10/02/19	23:19	MT	442802
4,6-Dinitro-2-methylphenol	SW8270C	1	15.7	337	ND		ug/Kg	10/02/19	23:19	MT	442802
Diphenylamine	SW8270C	1	15.3	168	ND		ug/Kg	10/02/19	23:19	MT	442802
4-Bromophenyl-phenylether	SW8270C	1	9.62	168	ND		ug/Kg	10/02/19	23:19	MT	442802
Hexachlorobenzene	SW8270C	1	10.1	168	ND		ug/Kg	10/02/19	23:19	MT	442802
Pentachlorophenol	SW8270C	1	29.2	337	ND		ug/Kg	10/02/19	23:19	MT	442802
Carbazole	SW8270C	1	12.6	168	ND		ug/Kg	10/02/19	23:19	MT	442802
Di-n-butylphthalate	SW8270C	1	15.8	168	ND		ug/Kg	10/02/19	23:19	MT	442802
Benzidine	SW8270C	1	172	168	ND		ug/Kg	10/02/19	23:19	MT	442802
Butylbenzylphthalate	SW8270C	1	24.6	842	ND		ug/Kg	10/02/19	23:19	MT	442802
Benzo(a)anthracene	SW8270C	1	11.5	168	ND		ug/Kg	10/02/19	23:19	MT	442802
3,3-Dichlorobenzidine	SW8270C	1	138	168	ND		ug/Kg	10/02/19	23:19	MT	442802
Bis(2-Ethylhexyl)phthalate	SW8270C	1	17.9	842	ND		ug/Kg	10/02/19	23:19	MT	442802
Di-n-Octylphthalate	SW8270C	1	14.4	168	ND		ug/Kg	10/02/19	23:19	MT	442802
Pyridine	SW8270C	1	51.2	842	ND		ug/Kg	10/02/19	23:19	MT	442802
Acceptance Limits											
2-Fluorophenol (S)	SW8270C		25 - 121		<b>38.7</b>		%	10/02/19	23:19	MT	442802
Phenol-d6 (S)	SW8270C		24 - 113		<b>44.9</b>		%	10/02/19	23:19	MT	442802
2,4,6-Tribromophenol (S)	SW8270C		19 - 122		<b>57.2</b>		%	10/02/19	23:19	MT	442802
2-Fluorobiphenyl (S)	SW8270C		45 - 143		<b>51.3</b>		%	10/02/19	23:19	MT	442802
Nitrobenzene-d5 (S)	SW8270C		23 - 120		<b>41.8</b>		%	10/02/19	23:19	MT	442802
Terphenyl-d14 (S)	SW8270C		18 - 137		<b>88.3</b>		%	10/02/19	23:19	MT	442802



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/28/19, 4:40 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-4(5.5-6)	<b>Lab Sample ID:</b>	1909254-014A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/28/19 / 9:33		
<b>SDG:</b>			

<b>Prep Method:</b> 3546_TPH	<b>Prep Batch Date/Time:</b> 10/1/19 1:20:00PM
<b>Prep Batch ID:</b> 1117043	<b>Prep Analyst:</b> SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel	SW8015B	1	0.99	2.3	ND		mg/Kg	10/02/19	1:21	MK	442805
TPH as Motor Oil	SW8015B	1	3.7	12	ND		mg/Kg	10/02/19	1:21	MK	442805
			Acceptance Limits								
Pentacosane (S)	SW8015B		59 - 129		<b>83.7</b>		%	10/02/19	1:21	MK	442805



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/28/19, 4:40 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-4(5.5-6)	<b>Lab Sample ID:</b>	1909254-014B
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/28/19 / 9:33		
<b>SDG:</b>			

<b>Prep Method:</b> 5035	<b>Prep Batch Date/Time:</b> 10/1/19 10:11:00AM
<b>Prep Batch ID:</b> 1117113	<b>Prep Analyst:</b> BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	SW8260B	1	1.3	11	ND		ug/Kg	10/01/19	14:43	BP	442837
Chloromethane	SW8260B	1	1.9	11	ND		ug/Kg	10/01/19	14:43	BP	442837
Vinyl Chloride	SW8260B	1	2.2	11	ND		ug/Kg	10/01/19	14:43	BP	442837
Bromomethane	SW8260B	1	2.9	11	ND		ug/Kg	10/01/19	14:43	BP	442837
Chloroethane	SW8260B	1	3.2	11	ND		ug/Kg	10/01/19	14:43	BP	442837
Trichlorofluoromethane	SW8260B	1	2.2	11	ND		ug/Kg	10/01/19	14:43	BP	442837
1,1-Dichloroethene	SW8260B	1	2.2	11	ND		ug/Kg	10/01/19	14:43	BP	442837
Freon 113	SW8260B	1	2.0	11	ND		ug/Kg	10/01/19	14:43	BP	442837
Methylene Chloride	SW8260B	1	7.6	11	ND		ug/Kg	10/01/19	14:43	BP	442837
trans-1,2-Dichloroethene	SW8260B	1	2.2	11	ND		ug/Kg	10/01/19	14:43	BP	442837
MTBE	SW8260B	1	2.5	11	ND		ug/Kg	10/01/19	14:43	BP	442837
TBA	SW8260B	1	12	53	ND		ug/Kg	10/01/19	14:43	BP	442837
Diisopropyl ether	SW8260B	1	2.4	11	ND		ug/Kg	10/01/19	14:43	BP	442837
1,1-Dichloroethane	SW8260B	1	2.3	11	ND		ug/Kg	10/01/19	14:43	BP	442837
Ethyl tert-Butyl ether	SW8260B	1	2.4	11	ND		ug/Kg	10/01/19	14:43	BP	442837
cis-1,2-Dichloroethene	SW8260B	1	2.4	11	ND		ug/Kg	10/01/19	14:43	BP	442837
2,2-Dichloropropane	SW8260B	1	2.0	11	ND		ug/Kg	10/01/19	14:43	BP	442837
Bromochloromethane	SW8260B	1	2.5	11	ND		ug/Kg	10/01/19	14:43	BP	442837
Chloroform	SW8260B	1	2.5	11	ND		ug/Kg	10/01/19	14:43	BP	442837
Carbon Tetrachloride	SW8260B	1	2.2	11	ND		ug/Kg	10/01/19	14:43	BP	442837
1,1,1-Trichloroethane	SW8260B	1	2.2	11	ND		ug/Kg	10/01/19	14:43	BP	442837
1,1-Dichloropropene	SW8260B	1	2.1	11	ND		ug/Kg	10/01/19	14:43	BP	442837
Benzene	SW8260B	1	2.4	11	ND		ug/Kg	10/01/19	14:43	BP	442837
TAME	SW8260B	1	2.4	11	ND		ug/Kg	10/01/19	14:43	BP	442837
1,2-Dichloroethane	SW8260B	1	2.5	11	ND		ug/Kg	10/01/19	14:43	BP	442837
Trichloroethylene	SW8260B	1	1.9	11	ND		ug/Kg	10/01/19	14:43	BP	442837
Dibromomethane	SW8260B	1	2.0	11	ND		ug/Kg	10/01/19	14:43	BP	442837
1,2-Dichloropropane	SW8260B	1	2.0	11	ND		ug/Kg	10/01/19	14:43	BP	442837
Bromodichloromethane	SW8260B	1	2.1	11	ND		ug/Kg	10/01/19	14:43	BP	442837
cis-1,3-Dichloropropene	SW8260B	1	1.7	11	ND		ug/Kg	10/01/19	14:43	BP	442837
Toluene	SW8260B	1	1.9	11	ND		ug/Kg	10/01/19	14:43	BP	442837
Tetrachloroethylene	SW8260B	1	1.8	11	ND		ug/Kg	10/01/19	14:43	BP	442837
trans-1,3-Dichloropropene	SW8260B	1	1.7	11	ND		ug/Kg	10/01/19	14:43	BP	442837
1,1,2-Trichloroethane	SW8260B	1	2.0	11	ND		ug/Kg	10/01/19	14:43	BP	442837
Dibromochloromethane	SW8260B	1	2.0	11	ND		ug/Kg	10/01/19	14:43	BP	442837



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/28/19, 4:40 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-4(5.5-6)	<b>Lab Sample ID:</b>	1909254-014B
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/28/19 / 9:33		
<b>SDG:</b>			

<b>Prep Method:</b> 5035	<b>Prep Batch Date/Time:</b> 10/1/19 10:11:00AM
<b>Prep Batch ID:</b> 1117113	<b>Prep Analyst:</b> BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
1,3-Dichloropropane	SW8260B	1	1.9	11	ND		ug/Kg	10/01/19	14:43	BP	442837
1,2-Dibromoethane	SW8260B	1	1.9	11	ND		ug/Kg	10/01/19	14:43	BP	442837
Chlorobenzene	SW8260B	1	1.9	11	ND		ug/Kg	10/01/19	14:43	BP	442837
Ethylbenzene	SW8260B	1	1.8	11	ND		ug/Kg	10/01/19	14:43	BP	442837
1,1,1,2-Tetrachloroethane	SW8260B	1	2.1	11	ND		ug/Kg	10/01/19	14:43	BP	442837
m,p-Xylene	SW8260B	1	3.4	11	ND		ug/Kg	10/01/19	14:43	BP	442837
o-Xylene	SW8260B	1	1.8	11	ND		ug/Kg	10/01/19	14:43	BP	442837
Styrene	SW8260B	1	1.7	11	ND		ug/Kg	10/01/19	14:43	BP	442837
Bromoforn	SW8260B	1	1.8	11	ND		ug/Kg	10/01/19	14:43	BP	442837
Isopropyl Benzene	SW8260B	1	1.7	11	ND		ug/Kg	10/01/19	14:43	BP	442837
n-Propylbenzene	SW8260B	1	1.7	11	ND		ug/Kg	10/01/19	14:43	BP	442837
Bromobenzene	SW8260B	1	1.9	11	ND		ug/Kg	10/01/19	14:43	BP	442837
1,1,2,2-Tetrachloroethane	SW8260B	1	2.0	11	ND		ug/Kg	10/01/19	14:43	BP	442837
2-Chlorotoluene	SW8260B	1	1.9	11	ND		ug/Kg	10/01/19	14:43	BP	442837
1,3,5-Trimethylbenzene	SW8260B	1	1.7	11	ND		ug/Kg	10/01/19	14:43	BP	442837
1,2,3-Trichloropropane	SW8260B	1	2.0	11	ND		ug/Kg	10/01/19	14:43	BP	442837
4-Chlorotoluene	SW8260B	1	1.7	11	ND		ug/Kg	10/01/19	14:43	BP	442837
tert-Butylbenzene	SW8260B	1	1.7	11	ND		ug/Kg	10/01/19	14:43	BP	442837
1,2,4-Trimethylbenzene	SW8260B	1	1.4	11	ND		ug/Kg	10/01/19	14:43	BP	442837
sec-Butyl Benzene	SW8260B	1	1.7	11	ND		ug/Kg	10/01/19	14:43	BP	442837
p-Isopropyltoluene	SW8260B	1	1.6	11	ND		ug/Kg	10/01/19	14:43	BP	442837
1,3-Dichlorobenzene	SW8260B	1	1.8	11	ND		ug/Kg	10/01/19	14:43	BP	442837
1,4-Dichlorobenzene	SW8260B	1	1.8	11	ND		ug/Kg	10/01/19	14:43	BP	442837
n-Butylbenzene	SW8260B	1	1.5	11	ND		ug/Kg	10/01/19	14:43	BP	442837
1,2-Dichlorobenzene	SW8260B	1	1.9	11	ND		ug/Kg	10/01/19	14:43	BP	442837
1,2-Dibromo-3-Chloropropane	SW8260B	1	2.0	11	ND		ug/Kg	10/01/19	14:43	BP	442837
Hexachlorobutadiene	SW8260B	1	1.5	11	ND		ug/Kg	10/01/19	14:43	BP	442837
1,2,4-Trichlorobenzene	SW8260B	1	1.6	11	ND		ug/Kg	10/01/19	14:43	BP	442837
Naphthalene	SW8260B	1	1.8	11	ND		ug/Kg	10/01/19	14:43	BP	442837
1,2,3-Trichlorobenzene	SW8260B	1	1.8	11	ND		ug/Kg	10/01/19	14:43	BP	442837
2-Butanone	SW8260B	1	2.4	11	ND		ug/Kg	10/01/19	14:43	BP	442837
(S) Dibromofluoromethane	SW8260B		59.8 - 148		<b>101</b>		%	10/01/19	14:43	BP	442837
(S) Toluene-d8	SW8260B		55.2 - 133		<b>103</b>		%	10/01/19	14:43	BP	442837
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		<b>94.3</b>		%	10/01/19	14:43	BP	442837



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/28/19, 4:40 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-4(5.5-6)	<b>Lab Sample ID:</b>	1909254-014B
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/28/19 / 9:33		
<b>SDG:</b>			

<b>Prep Method:</b> 5035GRO	<b>Prep Batch Date/Time:</b> 10/1/19	10:11:00AM
<b>Prep Batch ID:</b> 1117114	<b>Prep Analyst:</b> BPATEL	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH(Gasoline)	8260TPH	1	46	110	ND		ug/Kg	10/01/19	14:43	BP	442837
(S) 4-Bromofluorobenzene	8260TPH		43.9 - 127		<b>77.4</b>		%	10/01/19	14:43	BP	442837



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/28/19, 4:40 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-4(9-9.5)	<b>Lab Sample ID:</b>	1909254-015A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/28/19 / 9:51		
<b>SDG:</b>			

<b>Prep Method:</b> 7471BP	<b>Prep Batch Date/Time:</b> 9/30/19	5:30:00PM
<b>Prep Batch ID:</b> 1117035	<b>Prep Analyst:</b> IRNAZ	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Mercury	SW7471B	1	0.095	0.57	ND		mg/Kg	10/01/19	10:52	BJAY	442816





## SAMPLE RESULTS

Report prepared for: Ron Helm  
Cornerstone Earth Group

Date/Time Received: 09/28/19, 4:40 pm  
Date Reported: 10/18/19

Client Sample ID:	EB-4(9-9.5)	Lab Sample ID:	1909254-015A
Project Name/Location:	95 S. Almaden Soil Profiling	Sample Matrix:	Soil
Project Number:	510-29-2		
Date/Time Sampled:	09/28/19 / 9:51		
SDG:			

Prep Method: 3050B	Prep Batch Date/Time: 9/30/19	5:15:00PM
Prep Batch ID: 1117036	Prep Analyst: IRNAZ	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Antimony	SW6010B	1	0.057	5.70	ND		mg/Kg	10/01/19	13:32	PPATEL	442796
Arsenic	SW6010B	1	0.17	1.48	<b>8.84</b>		mg/Kg	10/01/19	13:32	PPATEL	442796
Barium	SW6010B	1	0.063	5.70	<b>101</b>		mg/Kg	10/01/19	13:32	PPATEL	442796
Beryllium	SW6010B	1	0.063	5.70	ND		mg/Kg	10/01/19	13:32	PPATEL	442796
Cadmium	SW6010B	1	0.11	5.70	ND		mg/Kg	10/01/19	13:32	PPATEL	442796
Chromium	SW6010B	1	0.086	5.70	<b>53.8</b>		mg/Kg	10/01/19	13:32	PPATEL	442796
Cobalt	SW6010B	1	0.080	5.70	<b>10.5</b>		mg/Kg	10/01/19	13:32	PPATEL	442796
Copper	SW6010B	1	0.23	5.70	<b>26.1</b>		mg/Kg	10/01/19	13:32	PPATEL	442796
Lead	SW6010B	1	0.11	3.42	<b>8.38</b>		mg/Kg	10/01/19	13:32	PPATEL	442796
Molybdenum	SW6010B	1	0.057	5.70	ND		mg/Kg	10/01/19	13:32	PPATEL	442796
Nickel	SW6010B	1	0.57	5.70	<b>80.4</b>		mg/Kg	10/01/19	13:32	PPATEL	442796
Selenium	SW6010B	1	0.25	5.70	ND		mg/Kg	10/01/19	13:32	PPATEL	442796
Silver	SW6010B	1	0.17	5.70	ND		mg/Kg	10/01/19	13:32	PPATEL	442796
Thallium	SW6010B	1	0.63	5.70	ND		mg/Kg	10/01/19	13:32	PPATEL	442796
Vanadium	SW6010B	1	0.11	5.70	<b>32.6</b>		mg/Kg	10/01/19	13:32	PPATEL	442796
Zinc	SW6010B	1	0.34	5.70	<b>54.0</b>		mg/Kg	10/01/19	13:32	PPATEL	442796



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/28/19, 4:40 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-4(9-9.5)	<b>Lab Sample ID:</b>	1909254-015A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/28/19 / 9:51		
<b>SDG:</b>			

<b>Prep Method:</b> WET/3010B	<b>Prep Batch Date/Time:</b> 10/16/19	1:30:00PM
<b>Prep Batch ID:</b> 1117446	<b>Prep Analyst:</b> IRNAZ	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Chromium (STLC)	SW6010B	1	0.010	0.20	ND		mg/L	10/16/19	18:08	PPATEL	443175



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/28/19, 4:40 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-4(9-9.5)	<b>Lab Sample ID:</b>	1909254-015A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/28/19 / 9:51		
<b>SDG:</b>			

<b>Prep Method:</b> 3546_PAHSIM	<b>Prep Batch Date/Time:</b> 10/1/19 10:26:00AM
<b>Prep Batch ID:</b> 1117039	<b>Prep Analyst:</b> SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Naphthalene	SW8270C	1	0.58	4.5	ND		ug/Kg	10/01/19	17:36	MT	442817
2-Methylnaphthalene	SW8270C	1	0.26	4.5	ND		ug/Kg	10/01/19	17:36	MT	442817
1-Methylnaphthalene	SW8270C	1	0.21	4.5	ND		ug/Kg	10/01/19	17:36	MT	442817
Acenaphthylene	SW8270C	1	0.21	4.5	ND		ug/Kg	10/01/19	17:36	MT	442817
Acenaphthene	SW8270C	1	0.18	4.5	ND		ug/Kg	10/01/19	17:36	MT	442817
Fluorene	SW8270C	1	0.31	4.5	ND		ug/Kg	10/01/19	17:36	MT	442817
Phenanthrene	SW8270C	1	0.68	4.5	ND		ug/Kg	10/01/19	17:36	MT	442817
Anthracene	SW8270C	1	0.60	4.5	ND		ug/Kg	10/01/19	17:36	MT	442817
Fluoranthene	SW8270C	1	0.61	4.5	ND		ug/Kg	10/01/19	17:36	MT	442817
Pyrene	SW8270C	1	0.63	4.5	ND		ug/Kg	10/01/19	17:36	MT	442817
Benz[a]anthracene	SW8270C	1	0.53	4.5	ND		ug/Kg	10/01/19	17:36	MT	442817
Chrysene	SW8270C	1	0.56	4.5	ND		ug/Kg	10/01/19	17:36	MT	442817
Benzo[b]fluoranthene	SW8270C	1	0.28	4.5	ND		ug/Kg	10/01/19	17:36	MT	442817
Benzo[k]fluoranthene	SW8270C	1	0.26	4.5	ND		ug/Kg	10/01/19	17:36	MT	442817
Benzo[a]pyrene	SW8270C	1	0.32	4.5	ND		ug/Kg	10/01/19	17:36	MT	442817
Indeno[1,2,3-cd]pyrene	SW8270C	1	0.25	4.5	ND		ug/Kg	10/01/19	17:36	MT	442817
Dibenz[a,h]anthracene	SW8270C	1	0.31	4.5	ND		ug/Kg	10/01/19	17:36	MT	442817
Benzo[g,h,i]perylene	SW8270C	1	0.31	4.5	ND		ug/Kg	10/01/19	17:36	MT	442817
Acceptance Limits											
2-Fluorobiphenyl (S)	SW8270C		45 - 125		<b>68</b>		%	10/01/19	17:36	MT	442817
p-Terphenyl-d14 (S)	SW8270C		30 - 125		<b>86</b>		%	10/01/19	17:36	MT	442817



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/28/19, 4:40 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-4(9-9.5)	<b>Lab Sample ID:</b>	1909254-015A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/28/19 / 9:51		
<b>SDG:</b>			

<b>Prep Method:</b> 3546_PCB	<b>Prep Batch Date/Time:</b> 10/1/19 1:30:00PM
<b>Prep Batch ID:</b> 1117046	<b>Prep Analyst:</b> SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Aroclor1016	SW8082A	1	60	110	ND		ug/Kg	10/01/19	15:54	MK	442798
Aroclor1221	SW8082A	1	5.7	110	ND		ug/Kg	10/01/19	15:54	MK	442798
Aroclor1232	SW8082A	1	19	110	ND		ug/Kg	10/01/19	15:54	MK	442798
Aroclor1242	SW8082A	1	3.4	110	ND		ug/Kg	10/01/19	15:54	MK	442798
Aroclor1248	SW8082A	1	2.3	110	ND		ug/Kg	10/01/19	15:54	MK	442798
Aroclor1254	SW8082A	1	2.3	110	ND		ug/Kg	10/01/19	15:54	MK	442798
Aroclor1260	SW8082A	1	41	110	ND		ug/Kg	10/01/19	15:54	MK	442798
Acceptance Limits											
TCMX (S)	SW8082A		48 - 125		<b>97.0</b>		%	10/01/19	15:54	MK	442798
DCBP (S)	SW8082A		48 - 135		<b>89.0</b>		%	10/01/19	15:54	MK	442798



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/28/19, 4:40 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-4(9-9.5)	<b>Lab Sample ID:</b>	1909254-015A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/28/19 / 9:51		
<b>SDG:</b>			

<b>Prep Method:</b> 3546_OCP	<b>Prep Batch Date/Time:</b> 10/1/19 1:26:00PM
<b>Prep Batch ID:</b> 1117044	<b>Prep Analyst:</b> SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
alpha-BHC	SW8081B	1	0.14	2.3	ND		ug/Kg	10/01/19	21:23	MK	442844
gamma-BHC (Lindane)	SW8081B	1	0.18	2.3	ND		ug/Kg	10/01/19	21:23	MK	442844
beta-BHC	SW8081B	1	0.36	2.3	ND		ug/Kg	10/01/19	21:23	MK	442844
delta-BHC	SW8081B	1	0.18	2.3	ND		ug/Kg	10/01/19	21:23	MK	442844
Heptachlor	SW8081B	1	0.12	2.3	ND		ug/Kg	10/01/19	21:23	MK	442844
Aldrin	SW8081B	1	0.22	2.3	ND		ug/Kg	10/01/19	21:23	MK	442844
Heptachlor Epoxide	SW8081B	1	0.089	2.3	ND		ug/Kg	10/01/19	21:23	MK	442844
gamma-Chlordane	SW8081B	1	0.19	2.3	ND		ug/Kg	10/01/19	21:23	MK	442844
alpha-Chlordane	SW8081B	1	0.20	2.3	ND		ug/Kg	10/01/19	21:23	MK	442844
4,4'-DDE	SW8081B	1	0.22	2.3	ND		ug/Kg	10/01/19	21:23	MK	442844
Endosulfan I	SW8081B	1	0.21	2.3	ND		ug/Kg	10/01/19	21:23	MK	442844
Dieldrin	SW8081B	1	0.17	2.3	ND		ug/Kg	10/01/19	21:23	MK	442844
Endrin	SW8081B	1	0.21	2.3	ND		ug/Kg	10/01/19	21:23	MK	442844
4,4'-DDD	SW8081B	1	0.64	2.3	ND		ug/Kg	10/01/19	21:23	MK	442844
Endosulfan II	SW8081B	1	0.66	2.3	ND		ug/Kg	10/01/19	21:23	MK	442844
4,4'-DDT	SW8081B	1	0.15	2.3	ND		ug/Kg	10/01/19	21:23	MK	442844
Endrin Aldehyde	SW8081B	1	0.17	2.3	ND		ug/Kg	10/01/19	21:23	MK	442844
Methoxychlor	SW8081B	1	0.23	2.3	ND		ug/Kg	10/01/19	21:23	MK	442844
Endosulfan Sulfate	SW8081B	1	0.13	2.3	ND		ug/Kg	10/01/19	21:23	MK	442844
Endrin Ketone	SW8081B	1	0.11	2.3	ND		ug/Kg	10/01/19	21:23	MK	442844
Chlordane	SW8081B	1	2.4	23	ND		ug/Kg	10/01/19	21:23	MK	442844
Toxaphene	SW8081B	1	9.7	57	ND		ug/Kg	10/01/19	21:23	MK	442844
Acceptance Limits											
TCMX (S)	SW8081B		48 - 125		<b>94.4</b>		%	10/01/19	21:23	MK	442844
DCBP (S)	SW8081B		38 - 135		<b>95.6</b>		%	10/01/19	21:23	MK	442844



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/28/19, 4:40 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-4(9-9.5)	<b>Lab Sample ID:</b>	1909254-015A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/28/19 / 9:51		
<b>SDG:</b>			

<b>Prep Method:</b> % Water-P	<b>Prep Batch Date/Time:</b> 10/4/19	6:50:00PM
<b>Prep Batch ID:</b> 1117182	<b>Prep Analyst:</b>	BJAY

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Moisture, Percent	ASTM D2216-90	1	0.050	0.050	<b>13.9</b>		%	10/05/19	12:30	BJAY	442910
Dry Weight Factor	ASTM D2216-90	1	1	1	<b>1.14</b>		-	10/05/19	12:30	BJAY	442910



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/28/19, 4:40 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-4(9-9.5)	<b>Lab Sample ID:</b>	1909254-015A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/28/19 / 9:51		
<b>SDG:</b>			

<b>Prep Method:</b> 3546_BNA	<b>Prep Batch Date/Time:</b> 10/1/19 10:24:00AM
<b>Prep Batch ID:</b> 1117038	<b>Prep Analyst:</b> SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
N-Nitrosodimethylamine	SW8270C	1	53.5	821	ND		ug/Kg	10/03/19	11:21	MT	442802
Phenol	SW8270C	1	49.9	328	ND		ug/Kg	10/03/19	11:21	MT	442802
Bis(2-chloroethyl)ether	SW8270C	1	15.2	164	ND		ug/Kg	10/03/19	11:21	MT	442802
2-Chlorophenol	SW8270C	1	54.4	328	ND		ug/Kg	10/03/19	11:21	MT	442802
1,3-Dichlorobenzene	SW8270C	1	15.0	164	ND		ug/Kg	10/03/19	11:21	MT	442802
1,4-Dichlorobenzene	SW8270C	1	16.7	164	ND		ug/Kg	10/03/19	11:21	MT	442802
Benzyl Alcohol	SW8270C	1	23.3	328	ND		ug/Kg	10/03/19	11:21	MT	442802
1,2-Dichlorobenzene	SW8270C	1	15.4	164	ND		ug/Kg	10/03/19	11:21	MT	442802
2-Methylphenol (o-Cresol)	SW8270C	1	33.5	328	ND		ug/Kg	10/03/19	11:21	MT	442802
N-Methyl-2-Pyrrolidone (NMP)	SW8270C	1	77.6	821	ND		ug/Kg	10/03/19	11:21	MT	442802
3-/4-Methylphenol (p-/m-Cresol)	SW8270C	1	35.7	328	ND		ug/Kg	10/03/19	11:21	MT	442802
N-nitroso-di-n-propylamine	SW8270C	1	15.0	164	ND		ug/Kg	10/03/19	11:21	MT	442802
Hexachloroethane	SW8270C	1	19.4	164	ND		ug/Kg	10/03/19	11:21	MT	442802
Nitrobenzene	SW8270C	1	14.6	164	ND		ug/Kg	10/03/19	11:21	MT	442802
Isophorone	SW8270C	1	13.9	164	ND		ug/Kg	10/03/19	11:21	MT	442802
2-Nitrophenol	SW8270C	1	28.9	328	ND		ug/Kg	10/03/19	11:21	MT	442802
2,4-Dimethylphenol	SW8270C	1	26.0	328	ND		ug/Kg	10/03/19	11:21	MT	442802
Benzoic Acid	SW8270C	1	47.5	328	ND		ug/Kg	10/03/19	11:21	MT	442802
Bis(2-Chloroethoxy)methane	SW8270C	1	11.2	164	ND		ug/Kg	10/03/19	11:21	MT	442802
Bis(2-chloroisopropyl)ether	SW8270C	1	14.4	164	ND		ug/Kg	10/03/19	11:21	MT	442802
2,4-Dichlorophenol	SW8270C	1	44.8	328	ND		ug/Kg	10/03/19	11:21	MT	442802
1,2,4-Trichlorobenzene	SW8270C	1	13.5	164	ND		ug/Kg	10/03/19	11:21	MT	442802
2,6-Dichlorophenol	SW8270C	1	40.8	328	ND		ug/Kg	10/03/19	11:21	MT	442802
Hexachloro-1,3-butadiene	SW8270C	1	9.50	164	ND		ug/Kg	10/03/19	11:21	MT	442802
4-Chloro-3-methylphenol	SW8270C	1	38.5	328	ND		ug/Kg	10/03/19	11:21	MT	442802
Hexachlorocyclopentadiene	SW8270C	1	14.8	164	ND		ug/Kg	10/03/19	11:21	MT	442802
2,4,6-Trichlorophenol	SW8270C	1	41.0	328	ND		ug/Kg	10/03/19	11:21	MT	442802
2,4,5-Trichlorophenol	SW8270C	1	38.1	328	ND		ug/Kg	10/03/19	11:21	MT	442802
2-Chloronaphthalene	SW8270C	1	12.1	164	ND		ug/Kg	10/03/19	11:21	MT	442802
1,4-Dinitrobenzene	SW8270C	1	11.8	164	ND		ug/Kg	10/03/19	11:21	MT	442802
Dimethyl phthalate	SW8270C	1	16.1	821	ND		ug/Kg	10/03/19	11:21	MT	442802
1,3-Dinitrobenzene	SW8270C	1	11.8	164	ND		ug/Kg	10/03/19	11:21	MT	442802
2,6-Dinitrotoluene	SW8270C	1	12.9	164	ND		ug/Kg	10/03/19	11:21	MT	442802
1,2-Dinitrobenzene	SW8270C	1	18.0	164	ND		ug/Kg	10/03/19	11:21	MT	442802
2,4-Dinitrophenol	SW8270C	1	88.4	821	ND		ug/Kg	10/03/19	11:21	MT	442802



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/28/19, 4:40 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-4(9-9.5)	<b>Lab Sample ID:</b>	1909254-015A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/28/19 / 9:51		
<b>SDG:</b>			

<b>Prep Method:</b> 3546_BNA	<b>Prep Batch Date/Time:</b> 10/1/19 10:24:00AM
<b>Prep Batch ID:</b> 1117038	<b>Prep Analyst:</b> SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
4-Nitrophenol	SW8270C	1	62.4	821	ND		ug/Kg	10/03/19	11:21	MT	442802
Dibenzofuran	SW8270C	1	12.8	164	ND		ug/Kg	10/03/19	11:21	MT	442802
2,4-Dinitrotoluene	SW8270C	1	13.8	164	ND		ug/Kg	10/03/19	11:21	MT	442802
2,3,5,6-Tetrachlorophenol	SW8270C	1	31.5	328	ND		ug/Kg	10/03/19	11:21	MT	442802
2,3,4,6-Tetrachlorophenol	SW8270C	1	35.9	328	ND		ug/Kg	10/03/19	11:21	MT	442802
Diethylphthalate	SW8270C	1	15.5	821	ND		ug/Kg	10/03/19	11:21	MT	442802
4-Chlorophenyl-phenylether	SW8270C	1	10.6	164	ND		ug/Kg	10/03/19	11:21	MT	442802
4,6-Dinitro-2-methylphenol	SW8270C	1	15.3	328	ND		ug/Kg	10/03/19	11:21	MT	442802
Diphenylamine	SW8270C	1	14.9	164	ND		ug/Kg	10/03/19	11:21	MT	442802
4-Bromophenyl-phenylether	SW8270C	1	9.38	164	ND		ug/Kg	10/03/19	11:21	MT	442802
Hexachlorobenzene	SW8270C	1	9.87	164	ND		ug/Kg	10/03/19	11:21	MT	442802
Pentachlorophenol	SW8270C	1	28.5	328	ND		ug/Kg	10/03/19	11:21	MT	442802
Carbazole	SW8270C	1	12.2	164	ND		ug/Kg	10/03/19	11:21	MT	442802
Di-n-butylphthalate	SW8270C	1	15.4	164	ND		ug/Kg	10/03/19	11:21	MT	442802
Benzidine	SW8270C	1	167	164	ND		ug/Kg	10/03/19	11:21	MT	442802
Butylbenzylphthalate	SW8270C	1	24.0	821	ND		ug/Kg	10/03/19	11:21	MT	442802
Benzo(a)anthracene	SW8270C	1	11.2	164	ND		ug/Kg	10/03/19	11:21	MT	442802
3,3-Dichlorobenzidine	SW8270C	1	134	164	ND		ug/Kg	10/03/19	11:21	MT	442802
Bis(2-Ethylhexyl)phthalate	SW8270C	1	17.5	821	ND		ug/Kg	10/03/19	11:21	MT	442802
Di-n-Octylphthalate	SW8270C	1	14.0	164	ND		ug/Kg	10/03/19	11:21	MT	442802
Pyridine	SW8270C	1	49.9	821	ND		ug/Kg	10/03/19	11:21	MT	442802
Acceptance Limits											
2-Fluorophenol (S)	SW8270C		25 - 121		<b>46.0</b>		%	10/03/19	11:21	MT	442802
Phenol-d6 (S)	SW8270C		24 - 113		<b>52.7</b>		%	10/03/19	11:21	MT	442802
2,4,6-Tribromophenol (S)	SW8270C		19 - 122		<b>41.2</b>		%	10/03/19	11:21	MT	442802
2-Fluorobiphenyl (S)	SW8270C		45 - 143		<b>54.8</b>		%	10/03/19	11:21	MT	442802
Nitrobenzene-d5 (S)	SW8270C		23 - 120		<b>48.5</b>		%	10/03/19	11:21	MT	442802
Terphenyl-d14 (S)	SW8270C		18 - 137		<b>79.2</b>		%	10/03/19	11:21	MT	442802





## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/28/19, 4:40 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-4(9-9.5)	<b>Lab Sample ID:</b>	1909254-015A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/28/19 / 9:51		
<b>SDG:</b>			

<b>Prep Method:</b> 3546_TPH	<b>Prep Batch Date/Time:</b> 10/1/19 1:20:00PM
<b>Prep Batch ID:</b> 1117043	<b>Prep Analyst:</b> SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel	SW8015B	1	0.97	2.3	ND		mg/Kg	10/02/19	1:45	MK	442805
TPH as Motor Oil	SW8015B	1	3.6	11	ND		mg/Kg	10/02/19	1:45	MK	442805
			Acceptance Limits								
Pentacosane (S)	SW8015B		59 - 129		<b>82.6</b>		%	10/02/19	1:45	MK	442805



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/28/19, 4:40 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-4(9-9.5)	<b>Lab Sample ID:</b>	1909254-015B
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/28/19 / 9:51		
<b>SDG:</b>			

<b>Prep Method:</b> 5035	<b>Prep Batch Date/Time:</b> 10/1/19 10:11:00AM
<b>Prep Batch ID:</b> 1117113	<b>Prep Analyst:</b> BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	SW8260B	1	1.3	11	ND		ug/Kg	10/01/19	15:12	BP	442837
Chloromethane	SW8260B	1	1.9	11	ND		ug/Kg	10/01/19	15:12	BP	442837
Vinyl Chloride	SW8260B	1	2.2	11	ND		ug/Kg	10/01/19	15:12	BP	442837
Bromomethane	SW8260B	1	2.8	11	ND		ug/Kg	10/01/19	15:12	BP	442837
Chloroethane	SW8260B	1	3.2	11	ND		ug/Kg	10/01/19	15:12	BP	442837
Trichlorofluoromethane	SW8260B	1	2.2	11	ND		ug/Kg	10/01/19	15:12	BP	442837
1,1-Dichloroethene	SW8260B	1	2.1	11	ND		ug/Kg	10/01/19	15:12	BP	442837
Freon 113	SW8260B	1	2.0	11	ND		ug/Kg	10/01/19	15:12	BP	442837
Methylene Chloride	SW8260B	1	7.5	11	ND		ug/Kg	10/01/19	15:12	BP	442837
trans-1,2-Dichloroethene	SW8260B	1	2.2	11	ND		ug/Kg	10/01/19	15:12	BP	442837
MTBE	SW8260B	1	2.5	11	ND		ug/Kg	10/01/19	15:12	BP	442837
TBA	SW8260B	1	12	53	ND		ug/Kg	10/01/19	15:12	BP	442837
Diisopropyl ether	SW8260B	1	2.4	11	ND		ug/Kg	10/01/19	15:12	BP	442837
1,1-Dichloroethane	SW8260B	1	2.3	11	ND		ug/Kg	10/01/19	15:12	BP	442837
Ethyl tert-Butyl ether	SW8260B	1	2.4	11	ND		ug/Kg	10/01/19	15:12	BP	442837
cis-1,2-Dichloroethene	SW8260B	1	2.3	11	ND		ug/Kg	10/01/19	15:12	BP	442837
2,2-Dichloropropane	SW8260B	1	2.0	11	ND		ug/Kg	10/01/19	15:12	BP	442837
Bromochloromethane	SW8260B	1	2.5	11	ND		ug/Kg	10/01/19	15:12	BP	442837
Chloroform	SW8260B	1	2.5	11	ND		ug/Kg	10/01/19	15:12	BP	442837
Carbon Tetrachloride	SW8260B	1	2.2	11	ND		ug/Kg	10/01/19	15:12	BP	442837
1,1,1-Trichloroethane	SW8260B	1	2.2	11	ND		ug/Kg	10/01/19	15:12	BP	442837
1,1-Dichloropropene	SW8260B	1	2.1	11	ND		ug/Kg	10/01/19	15:12	BP	442837
Benzene	SW8260B	1	2.3	11	ND		ug/Kg	10/01/19	15:12	BP	442837
TAME	SW8260B	1	2.4	11	ND		ug/Kg	10/01/19	15:12	BP	442837
1,2-Dichloroethane	SW8260B	1	2.4	11	ND		ug/Kg	10/01/19	15:12	BP	442837
Trichloroethylene	SW8260B	1	1.9	11	ND		ug/Kg	10/01/19	15:12	BP	442837
Dibromomethane	SW8260B	1	1.9	11	ND		ug/Kg	10/01/19	15:12	BP	442837
1,2-Dichloropropane	SW8260B	1	2.0	11	ND		ug/Kg	10/01/19	15:12	BP	442837
Bromodichloromethane	SW8260B	1	2.1	11	ND		ug/Kg	10/01/19	15:12	BP	442837
cis-1,3-Dichloropropene	SW8260B	1	1.7	11	ND		ug/Kg	10/01/19	15:12	BP	442837
Toluene	SW8260B	1	1.9	11	ND		ug/Kg	10/01/19	15:12	BP	442837
Tetrachloroethylene	SW8260B	1	1.7	11	ND		ug/Kg	10/01/19	15:12	BP	442837
trans-1,3-Dichloropropene	SW8260B	1	1.7	11	ND		ug/Kg	10/01/19	15:12	BP	442837
1,1,2-Trichloroethane	SW8260B	1	1.9	11	ND		ug/Kg	10/01/19	15:12	BP	442837
Dibromochloromethane	SW8260B	1	2.0	11	ND		ug/Kg	10/01/19	15:12	BP	442837



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/28/19, 4:40 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-4(9-9.5)	<b>Lab Sample ID:</b>	1909254-015B
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/28/19 / 9:51		
<b>SDG:</b>			

<b>Prep Method:</b> 5035	<b>Prep Batch Date/Time:</b> 10/1/19 10:11:00AM
<b>Prep Batch ID:</b> 1117113	<b>Prep Analyst:</b> BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
1,3-Dichloropropane	SW8260B	1	1.9	11	ND		ug/Kg	10/01/19	15:12	BP	442837
1,2-Dibromoethane	SW8260B	1	1.9	11	ND		ug/Kg	10/01/19	15:12	BP	442837
Chlorobenzene	SW8260B	1	1.9	11	ND		ug/Kg	10/01/19	15:12	BP	442837
Ethylbenzene	SW8260B	1	1.7	11	ND		ug/Kg	10/01/19	15:12	BP	442837
1,1,1,2-Tetrachloroethane	SW8260B	1	2.0	11	ND		ug/Kg	10/01/19	15:12	BP	442837
m,p-Xylene	SW8260B	1	3.3	11	ND		ug/Kg	10/01/19	15:12	BP	442837
o-Xylene	SW8260B	1	1.8	11	ND		ug/Kg	10/01/19	15:12	BP	442837
Styrene	SW8260B	1	1.7	11	ND		ug/Kg	10/01/19	15:12	BP	442837
Bromoforn	SW8260B	1	1.8	11	ND		ug/Kg	10/01/19	15:12	BP	442837
Isopropyl Benzene	SW8260B	1	1.7	11	ND		ug/Kg	10/01/19	15:12	BP	442837
n-Propylbenzene	SW8260B	1	1.6	11	ND		ug/Kg	10/01/19	15:12	BP	442837
Bromobenzene	SW8260B	1	1.8	11	ND		ug/Kg	10/01/19	15:12	BP	442837
1,1,2,2-Tetrachloroethane	SW8260B	1	2.0	11	ND		ug/Kg	10/01/19	15:12	BP	442837
2-Chlorotoluene	SW8260B	1	1.9	11	ND		ug/Kg	10/01/19	15:12	BP	442837
1,3,5-Trimethylbenzene	SW8260B	1	1.7	11	ND		ug/Kg	10/01/19	15:12	BP	442837
1,2,3-Trichloropropane	SW8260B	1	2.0	11	ND		ug/Kg	10/01/19	15:12	BP	442837
4-Chlorotoluene	SW8260B	1	1.7	11	ND		ug/Kg	10/01/19	15:12	BP	442837
tert-Butylbenzene	SW8260B	1	1.7	11	ND		ug/Kg	10/01/19	15:12	BP	442837
1,2,4-Trimethylbenzene	SW8260B	1	1.4	11	ND		ug/Kg	10/01/19	15:12	BP	442837
sec-Butyl Benzene	SW8260B	1	1.6	11	ND		ug/Kg	10/01/19	15:12	BP	442837
p-Isopropyltoluene	SW8260B	1	1.5	11	ND		ug/Kg	10/01/19	15:12	BP	442837
1,3-Dichlorobenzene	SW8260B	1	1.8	11	ND		ug/Kg	10/01/19	15:12	BP	442837
1,4-Dichlorobenzene	SW8260B	1	1.8	11	ND		ug/Kg	10/01/19	15:12	BP	442837
n-Butylbenzene	SW8260B	1	1.5	11	ND		ug/Kg	10/01/19	15:12	BP	442837
1,2-Dichlorobenzene	SW8260B	1	1.9	11	ND		ug/Kg	10/01/19	15:12	BP	442837
1,2-Dibromo-3-Chloropropane	SW8260B	1	1.9	11	ND		ug/Kg	10/01/19	15:12	BP	442837
Hexachlorobutadiene	SW8260B	1	1.4	11	ND		ug/Kg	10/01/19	15:12	BP	442837
1,2,4-Trichlorobenzene	SW8260B	1	1.6	11	ND		ug/Kg	10/01/19	15:12	BP	442837
Naphthalene	SW8260B	1	1.8	11	ND		ug/Kg	10/01/19	15:12	BP	442837
1,2,3-Trichlorobenzene	SW8260B	1	1.8	11	ND		ug/Kg	10/01/19	15:12	BP	442837
2-Butanone	SW8260B	1	2.4	11	ND		ug/Kg	10/01/19	15:12	BP	442837
(S) Dibromofluoromethane	SW8260B		59.8 - 148		<b>99.3</b>		%	10/01/19	15:12	BP	442837
(S) Toluene-d8	SW8260B		55.2 - 133		<b>101</b>		%	10/01/19	15:12	BP	442837
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		<b>95.9</b>		%	10/01/19	15:12	BP	442837



### SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/28/19, 4:40 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-4(9-9.5)	<b>Lab Sample ID:</b>	1909254-015B
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/28/19 / 9:51		
<b>SDG:</b>			

<b>Prep Method:</b> 5035GRO	<b>Prep Batch Date/Time:</b> 10/1/19	10:11:00AM
<b>Prep Batch ID:</b> 1117114	<b>Prep Analyst:</b> BPATEL	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH(Gasoline)	8260TPH	1	46	110	ND		ug/Kg	10/01/19	15:12	BP	442837
(S) 4-Bromofluorobenzene	8260TPH		43.9 - 127		<b>90.6</b>		%	10/01/19	15:12	BP	442837



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/28/19, 4:40 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-4(24-24.5)	<b>Lab Sample ID:</b>	1909254-016A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/28/19 / 10:06		
<b>SDG:</b>			

<b>Prep Method:</b> 7471BP	<b>Prep Batch Date/Time:</b> 9/30/19	5:30:00PM
<b>Prep Batch ID:</b> 1117035	<b>Prep Analyst:</b> IRNAZ	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Mercury	SW7471B	1	0.10	0.63	ND		mg/Kg	10/01/19	10:54	BJAY	442816



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/28/19, 4:40 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-4(24-24.5)	<b>Lab Sample ID:</b>	1909254-016A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/28/19 / 10:06		
<b>SDG:</b>			

<b>Prep Method:</b> 3050B	<b>Prep Batch Date/Time:</b> 9/30/19	5:15:00PM
<b>Prep Batch ID:</b> 1117036	<b>Prep Analyst:</b> IRNAZ	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Antimony	SW6010B	1	0.063	6.25	ND		mg/Kg	10/01/19	13:41	PPATEL	442796
Arsenic	SW6010B	1	0.19	1.63	<b>1.75</b>		mg/Kg	10/01/19	13:41	PPATEL	442796
Barium	SW6010B	1	0.069	6.25	<b>68.1</b>		mg/Kg	10/01/19	13:41	PPATEL	442796
Beryllium	SW6010B	1	0.069	6.25	ND		mg/Kg	10/01/19	13:41	PPATEL	442796
Cadmium	SW6010B	1	0.13	6.25	ND		mg/Kg	10/01/19	13:41	PPATEL	442796
Chromium	SW6010B	1	0.094	6.25	<b>49.6</b>		mg/Kg	10/01/19	13:41	PPATEL	442796
Cobalt	SW6010B	1	0.088	6.25	<b>9.88</b>		mg/Kg	10/01/19	13:41	PPATEL	442796
Copper	SW6010B	1	0.25	6.25	<b>23.4</b>		mg/Kg	10/01/19	13:41	PPATEL	442796
Lead	SW6010B	1	0.13	3.75	<b>6.13</b>		mg/Kg	10/01/19	13:41	PPATEL	442796
Molybdenum	SW6010B	1	0.063	6.25	ND		mg/Kg	10/01/19	13:41	PPATEL	442796
Nickel	SW6010B	1	0.63	6.25	<b>66.9</b>		mg/Kg	10/01/19	13:41	PPATEL	442796
Selenium	SW6010B	1	0.28	6.25	ND		mg/Kg	10/01/19	13:41	PPATEL	442796
Silver	SW6010B	1	0.19	6.25	ND		mg/Kg	10/01/19	13:41	PPATEL	442796
Thallium	SW6010B	1	0.69	6.25	ND		mg/Kg	10/01/19	13:41	PPATEL	442796
Vanadium	SW6010B	1	0.13	6.25	<b>39.3</b>		mg/Kg	10/01/19	13:41	PPATEL	442796
Zinc	SW6010B	1	0.38	6.25	<b>50.7</b>		mg/Kg	10/01/19	13:41	PPATEL	442796



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/28/19, 4:40 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-4(24-24.5)	<b>Lab Sample ID:</b>	1909254-016A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/28/19 / 10:06		
<b>SDG:</b>			

<b>Prep Method:</b> % Water-P	<b>Prep Batch Date/Time:</b> 10/4/19	6:50:00PM
<b>Prep Batch ID:</b> 1117182	<b>Prep Analyst:</b> BJAY	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Moisture, Percent	ASTM D2216-90	1	0.050	0.050	25.2		%	10/05/19	12:30	BJAY	442910
Dry Weight Factor	ASTM D2216-90	1	1	1	1.25		-	10/05/19	12:30	BJAY	442910



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/28/19, 4:40 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-4(24-24.5)	<b>Lab Sample ID:</b>	1909254-016A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/28/19 / 10:06		
<b>SDG:</b>			

<b>Prep Method:</b> 3546_TPH	<b>Prep Batch Date/Time:</b> 10/1/19	1:20:00PM
<b>Prep Batch ID:</b> 1117043	<b>Prep Analyst:</b> SNARASIMHAN	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel	SW8015B	1	1.1	2.5	<b>3.76</b>	x	mg/Kg	10/02/19	2:08	MK	442805
TPH as Motor Oil	SW8015B	1	4.0	13	<b>13.0</b>		mg/Kg	10/02/19	2:08	MK	442805
Acceptance Limits											
Pentacosane (S)	SW8015B		59 - 129		<b>109</b>		%	10/02/19	2:08	MK	442805

**NOTE:** x-not typical of Diesel ref. std: peaks within Diesel range quantified as diesel





## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/28/19, 4:40 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-4(24-24.5)	<b>Lab Sample ID:</b>	1909254-016B
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/28/19 / 10:06		
<b>SDG:</b>			

<b>Prep Method:</b> 5035	<b>Prep Batch Date/Time:</b> 10/1/19 10:11:00AM
<b>Prep Batch ID:</b> 1117113	<b>Prep Analyst:</b> BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	SW8260B	1	1.3	11	ND		ug/Kg	10/01/19	15:40	BP	442837
Chloromethane	SW8260B	1	2.0	11	ND		ug/Kg	10/01/19	15:40	BP	442837
Vinyl Chloride	SW8260B	1	2.2	11	ND		ug/Kg	10/01/19	15:40	BP	442837
Bromomethane	SW8260B	1	2.9	11	ND		ug/Kg	10/01/19	15:40	BP	442837
Chloroethane	SW8260B	1	3.2	11	ND		ug/Kg	10/01/19	15:40	BP	442837
Trichlorofluoromethane	SW8260B	1	2.2	11	ND		ug/Kg	10/01/19	15:40	BP	442837
1,1-Dichloroethene	SW8260B	1	2.2	11	ND		ug/Kg	10/01/19	15:40	BP	442837
Freon 113	SW8260B	1	2.0	11	ND		ug/Kg	10/01/19	15:40	BP	442837
Methylene Chloride	SW8260B	1	7.6	11	ND		ug/Kg	10/01/19	15:40	BP	442837
trans-1,2-Dichloroethene	SW8260B	1	2.2	11	ND		ug/Kg	10/01/19	15:40	BP	442837
MTBE	SW8260B	1	2.5	11	ND		ug/Kg	10/01/19	15:40	BP	442837
TBA	SW8260B	1	12	54	ND		ug/Kg	10/01/19	15:40	BP	442837
Diisopropyl ether	SW8260B	1	2.5	11	ND		ug/Kg	10/01/19	15:40	BP	442837
1,1-Dichloroethane	SW8260B	1	2.4	11	ND		ug/Kg	10/01/19	15:40	BP	442837
Ethyl tert-Butyl ether	SW8260B	1	2.5	11	ND		ug/Kg	10/01/19	15:40	BP	442837
cis-1,2-Dichloroethene	SW8260B	1	2.4	11	ND		ug/Kg	10/01/19	15:40	BP	442837
2,2-Dichloropropane	SW8260B	1	2.1	11	ND		ug/Kg	10/01/19	15:40	BP	442837
Bromochloromethane	SW8260B	1	2.5	11	ND		ug/Kg	10/01/19	15:40	BP	442837
Chloroform	SW8260B	1	2.5	11	ND		ug/Kg	10/01/19	15:40	BP	442837
Carbon Tetrachloride	SW8260B	1	2.2	11	ND		ug/Kg	10/01/19	15:40	BP	442837
1,1,1-Trichloroethane	SW8260B	1	2.3	11	ND		ug/Kg	10/01/19	15:40	BP	442837
1,1-Dichloropropene	SW8260B	1	2.1	11	ND		ug/Kg	10/01/19	15:40	BP	442837
Benzene	SW8260B	1	2.4	11	ND		ug/Kg	10/01/19	15:40	BP	442837
TAME	SW8260B	1	2.4	11	ND		ug/Kg	10/01/19	15:40	BP	442837
1,2-Dichloroethane	SW8260B	1	2.5	11	ND		ug/Kg	10/01/19	15:40	BP	442837
Trichloroethylene	SW8260B	1	1.9	11	ND		ug/Kg	10/01/19	15:40	BP	442837
Dibromomethane	SW8260B	1	2.0	11	ND		ug/Kg	10/01/19	15:40	BP	442837
1,2-Dichloropropane	SW8260B	1	2.0	11	ND		ug/Kg	10/01/19	15:40	BP	442837
Bromodichloromethane	SW8260B	1	2.1	11	ND		ug/Kg	10/01/19	15:40	BP	442837
cis-1,3-Dichloropropene	SW8260B	1	1.7	11	ND		ug/Kg	10/01/19	15:40	BP	442837
Toluene	SW8260B	1	2.0	11	ND		ug/Kg	10/01/19	15:40	BP	442837
Tetrachloroethylene	SW8260B	1	1.8	11	ND		ug/Kg	10/01/19	15:40	BP	442837
trans-1,3-Dichloropropene	SW8260B	1	1.8	11	ND		ug/Kg	10/01/19	15:40	BP	442837
1,1,2-Trichloroethane	SW8260B	1	2.0	11	ND		ug/Kg	10/01/19	15:40	BP	442837
Dibromochloromethane	SW8260B	1	2.0	11	ND		ug/Kg	10/01/19	15:40	BP	442837



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/28/19, 4:40 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-4(24-24.5)	<b>Lab Sample ID:</b>	1909254-016B
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/28/19 / 10:06		
<b>SDG:</b>			

<b>Prep Method:</b> 5035	<b>Prep Batch Date/Time:</b> 10/1/19 10:11:00AM
<b>Prep Batch ID:</b> 1117113	<b>Prep Analyst:</b> BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
1,3-Dichloropropane	SW8260B	1	2.0	11	ND		ug/Kg	10/01/19	15:40	BP	442837
1,2-Dibromoethane	SW8260B	1	1.9	11	ND		ug/Kg	10/01/19	15:40	BP	442837
Chlorobenzene	SW8260B	1	1.9	11	ND		ug/Kg	10/01/19	15:40	BP	442837
Ethylbenzene	SW8260B	1	1.8	11	ND		ug/Kg	10/01/19	15:40	BP	442837
1,1,1,2-Tetrachloroethane	SW8260B	1	2.1	11	ND		ug/Kg	10/01/19	15:40	BP	442837
m,p-Xylene	SW8260B	1	3.4	11	ND		ug/Kg	10/01/19	15:40	BP	442837
o-Xylene	SW8260B	1	1.9	11	ND		ug/Kg	10/01/19	15:40	BP	442837
Styrene	SW8260B	1	1.8	11	ND		ug/Kg	10/01/19	15:40	BP	442837
Bromoform	SW8260B	1	1.8	11	ND		ug/Kg	10/01/19	15:40	BP	442837
Isopropyl Benzene	SW8260B	1	1.7	11	ND		ug/Kg	10/01/19	15:40	BP	442837
n-Propylbenzene	SW8260B	1	1.7	11	ND		ug/Kg	10/01/19	15:40	BP	442837
Bromobenzene	SW8260B	1	1.9	11	ND		ug/Kg	10/01/19	15:40	BP	442837
1,1,2,2-Tetrachloroethane	SW8260B	1	2.1	11	ND		ug/Kg	10/01/19	15:40	BP	442837
2-Chlorotoluene	SW8260B	1	1.9	11	ND		ug/Kg	10/01/19	15:40	BP	442837
1,3,5-Trimethylbenzene	SW8260B	1	1.7	11	ND		ug/Kg	10/01/19	15:40	BP	442837
1,2,3-Trichloropropane	SW8260B	1	2.0	11	ND		ug/Kg	10/01/19	15:40	BP	442837
4-Chlorotoluene	SW8260B	1	1.8	11	ND		ug/Kg	10/01/19	15:40	BP	442837
tert-Butylbenzene	SW8260B	1	1.7	11	ND		ug/Kg	10/01/19	15:40	BP	442837
1,2,4-Trimethylbenzene	SW8260B	1	1.5	11	ND		ug/Kg	10/01/19	15:40	BP	442837
sec-Butyl Benzene	SW8260B	1	1.7	11	ND		ug/Kg	10/01/19	15:40	BP	442837
p-Isopropyltoluene	SW8260B	1	1.6	11	ND		ug/Kg	10/01/19	15:40	BP	442837
1,3-Dichlorobenzene	SW8260B	1	1.8	11	ND		ug/Kg	10/01/19	15:40	BP	442837
1,4-Dichlorobenzene	SW8260B	1	1.8	11	ND		ug/Kg	10/01/19	15:40	BP	442837
n-Butylbenzene	SW8260B	1	1.6	11	ND		ug/Kg	10/01/19	15:40	BP	442837
1,2-Dichlorobenzene	SW8260B	1	1.9	11	ND		ug/Kg	10/01/19	15:40	BP	442837
1,2-Dibromo-3-Chloropropane	SW8260B	1	2.0	11	ND		ug/Kg	10/01/19	15:40	BP	442837
Hexachlorobutadiene	SW8260B	1	1.5	11	ND		ug/Kg	10/01/19	15:40	BP	442837
1,2,4-Trichlorobenzene	SW8260B	1	1.6	11	ND		ug/Kg	10/01/19	15:40	BP	442837
Naphthalene	SW8260B	1	1.8	11	ND		ug/Kg	10/01/19	15:40	BP	442837
1,2,3-Trichlorobenzene	SW8260B	1	1.8	11	ND		ug/Kg	10/01/19	15:40	BP	442837
2-Butanone	SW8260B	1	2.5	11	ND		ug/Kg	10/01/19	15:40	BP	442837
(S) Dibromofluoromethane	SW8260B		59.8 - 148		<b>101</b>		%	10/01/19	15:40	BP	442837
(S) Toluene-d8	SW8260B		55.2 - 133		<b>103</b>		%	10/01/19	15:40	BP	442837
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		<b>95.6</b>		%	10/01/19	15:40	BP	442837



### SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/28/19, 4:40 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-4(24-24.5)	<b>Lab Sample ID:</b>	1909254-016B
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/28/19 / 10:06		
<b>SDG:</b>			

<b>Prep Method:</b> 5035GRO	<b>Prep Batch Date/Time:</b> 10/1/19	10:11:00AM
<b>Prep Batch ID:</b> 1117114	<b>Prep Analyst:</b> BPATEL	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH(Gasoline)	8260TPH	1	46	110	ND		ug/Kg	10/01/19	15:40	BP	442837
(S) 4-Bromofluorobenzene	8260TPH		43.9 - 127		<b>93.5</b>		%	10/01/19	15:40	BP	442837



### SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/28/19, 4:40 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-4(39-39.5)	<b>Lab Sample ID:</b>	1909254-017A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/28/19 / 10:36		
<b>SDG:</b>			

<b>Prep Method:</b> 7471BP	<b>Prep Batch Date/Time:</b> 9/30/19	5:30:00PM
<b>Prep Batch ID:</b> 1117035	<b>Prep Analyst:</b>	IRNAZ

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Mercury	SW7471B	1	0.10	0.61	ND		mg/Kg	10/01/19	10:58	BJAY	442816



## SAMPLE RESULTS

Report prepared for: Ron Helm  
Cornerstone Earth Group

Date/Time Received: 09/28/19, 4:40 pm  
Date Reported: 10/18/19

Client Sample ID:	EB-4(39-39.5)	Lab Sample ID:	1909254-017A
Project Name/Location:	95 S. Almaden Soil Profiling	Sample Matrix:	Soil
Project Number:	510-29-2		
Date/Time Sampled:	09/28/19 / 10:36		
SDG:			

Prep Method: 3050B	Prep Batch Date/Time: 9/30/19	5:15:00PM
Prep Batch ID: 1117036	Prep Analyst: IRNAZ	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Antimony	SW6010B	1	0.061	6.05	ND		mg/Kg	10/01/19	13:48	PPATEL	442796
Arsenic	SW6010B	1	0.18	1.57	ND		mg/Kg	10/01/19	13:48	PPATEL	442796
Barium	SW6010B	1	0.067	6.05	<b>134</b>		mg/Kg	10/01/19	13:48	PPATEL	442796
Beryllium	SW6010B	1	0.067	6.05	ND		mg/Kg	10/01/19	13:48	PPATEL	442796
Cadmium	SW6010B	1	0.12	6.05	ND		mg/Kg	10/01/19	13:48	PPATEL	442796
Chromium	SW6010B	1	0.091	6.05	<b>57.1</b>		mg/Kg	10/01/19	13:48	PPATEL	442796
Cobalt	SW6010B	1	0.085	6.05	<b>13.9</b>		mg/Kg	10/01/19	13:48	PPATEL	442796
Copper	SW6010B	1	0.24	6.05	<b>44.5</b>		mg/Kg	10/01/19	13:48	PPATEL	442796
Lead	SW6010B	1	0.12	3.63	<b>10.7</b>		mg/Kg	10/01/19	13:48	PPATEL	442796
Molybdenum	SW6010B	1	0.061	6.05	ND		mg/Kg	10/01/19	13:48	PPATEL	442796
Nickel	SW6010B	1	0.61	6.05	<b>83.5</b>		mg/Kg	10/01/19	13:48	PPATEL	442796
Selenium	SW6010B	1	0.27	6.05	ND		mg/Kg	10/01/19	13:48	PPATEL	442796
Silver	SW6010B	1	0.18	6.05	ND		mg/Kg	10/01/19	13:48	PPATEL	442796
Thallium	SW6010B	1	0.67	6.05	ND		mg/Kg	10/01/19	13:48	PPATEL	442796
Vanadium	SW6010B	1	0.12	6.05	<b>48.8</b>		mg/Kg	10/01/19	13:48	PPATEL	442796
Zinc	SW6010B	1	0.36	6.05	<b>81.7</b>		mg/Kg	10/01/19	13:48	PPATEL	442796



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/28/19, 4:40 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-4(39-39.5)	<b>Lab Sample ID:</b>	1909254-017A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/28/19 / 10:36		
<b>SDG:</b>			

<b>Prep Method:</b> WET/3010B	<b>Prep Batch Date/Time:</b> 10/16/19	1:30:00PM
<b>Prep Batch ID:</b> 1117446	<b>Prep Analyst:</b> IRNAZ	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Chromium (STLC)	SW6010B	1	0.010	0.20	<b>0.344</b>		mg/L	10/16/19	18:12	PPATEL	443175



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/28/19, 4:40 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-4(39-39.5)	<b>Lab Sample ID:</b>	1909254-017A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/28/19 / 10:36		
<b>SDG:</b>			

<b>Prep Method:</b> % Water-P	<b>Prep Batch Date/Time:</b> 10/4/19	6:50:00PM
<b>Prep Batch ID:</b> 1117182	<b>Prep Analyst:</b> BJAY	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Moisture, Percent	ASTM D2216-90	1	0.050	0.050	21.4		%	10/05/19	12:30	BJAY	442910
Dry Weight Factor	ASTM D2216-90	1	1	1	1.21		-	10/05/19	12:30	BJAY	442910



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/28/19, 4:40 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-4(39-39.5)	<b>Lab Sample ID:</b>	1909254-017A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/28/19 / 10:36		
<b>SDG:</b>			

<b>Prep Method:</b> 3546_TPH	<b>Prep Batch Date/Time:</b> 10/1/19 1:20:00PM
<b>Prep Batch ID:</b> 1117043	<b>Prep Analyst:</b> SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel	SW8015B	1	1.0	2.4	<b>3.10</b>	x	mg/Kg	10/02/19	2:32	MK	442805
TPH as Motor Oil	SW8015B	1	3.8	12	<b>24.6</b>		mg/Kg	10/02/19	2:32	MK	442805
Acceptance Limits											
Pentacosane (S)	SW8015B		59 - 129		<b>110</b>		%	10/02/19	2:32	MK	442805

**NOTE:** x-not typical of Diesel ref. std: peaks within Diesel range quantified as diesel





## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/28/19, 4:40 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-4(39-39.5)	<b>Lab Sample ID:</b>	1909254-017B
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/28/19 / 10:36		
<b>SDG:</b>			

<b>Prep Method:</b> 5035	<b>Prep Batch Date/Time:</b> 10/1/19 10:11:00AM
<b>Prep Batch ID:</b> 1117113	<b>Prep Analyst:</b> BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	SW8260B	1	1.2	9.9	ND		ug/Kg	10/01/19	16:09	BP	442837
Chloromethane	SW8260B	1	1.8	9.9	ND		ug/Kg	10/01/19	16:09	BP	442837
Vinyl Chloride	SW8260B	1	2.0	9.9	ND		ug/Kg	10/01/19	16:09	BP	442837
Bromomethane	SW8260B	1	2.7	9.9	ND		ug/Kg	10/01/19	16:09	BP	442837
Chloroethane	SW8260B	1	3.0	9.9	ND		ug/Kg	10/01/19	16:09	BP	442837
Trichlorofluoromethane	SW8260B	1	2.0	9.9	ND		ug/Kg	10/01/19	16:09	BP	442837
1,1-Dichloroethene	SW8260B	1	2.0	9.9	ND		ug/Kg	10/01/19	16:09	BP	442837
Freon 113	SW8260B	1	1.9	9.9	ND		ug/Kg	10/01/19	16:09	BP	442837
Methylene Chloride	SW8260B	1	7.0	9.9	ND		ug/Kg	10/01/19	16:09	BP	442837
trans-1,2-Dichloroethene	SW8260B	1	2.1	9.9	ND		ug/Kg	10/01/19	16:09	BP	442837
MTBE	SW8260B	1	2.3	9.9	ND		ug/Kg	10/01/19	16:09	BP	442837
TBA	SW8260B	1	11	50	ND		ug/Kg	10/01/19	16:09	BP	442837
Diisopropyl ether	SW8260B	1	2.3	9.9	ND		ug/Kg	10/01/19	16:09	BP	442837
1,1-Dichloroethane	SW8260B	1	2.2	9.9	ND		ug/Kg	10/01/19	16:09	BP	442837
Ethyl tert-Butyl ether	SW8260B	1	2.3	9.9	ND		ug/Kg	10/01/19	16:09	BP	442837
cis-1,2-Dichloroethene	SW8260B	1	2.2	9.9	ND		ug/Kg	10/01/19	16:09	BP	442837
2,2-Dichloropropane	SW8260B	1	1.9	9.9	ND		ug/Kg	10/01/19	16:09	BP	442837
Bromochloromethane	SW8260B	1	2.3	9.9	ND		ug/Kg	10/01/19	16:09	BP	442837
Chloroform	SW8260B	1	2.3	9.9	ND		ug/Kg	10/01/19	16:09	BP	442837
Carbon Tetrachloride	SW8260B	1	2.0	9.9	ND		ug/Kg	10/01/19	16:09	BP	442837
1,1,1-Trichloroethane	SW8260B	1	2.1	9.9	ND		ug/Kg	10/01/19	16:09	BP	442837
1,1-Dichloropropene	SW8260B	1	2.0	9.9	ND		ug/Kg	10/01/19	16:09	BP	442837
Benzene	SW8260B	1	2.2	9.9	ND		ug/Kg	10/01/19	16:09	BP	442837
TAME	SW8260B	1	2.2	9.9	ND		ug/Kg	10/01/19	16:09	BP	442837
1,2-Dichloroethane	SW8260B	1	2.3	9.9	ND		ug/Kg	10/01/19	16:09	BP	442837
Trichloroethylene	SW8260B	1	1.8	9.9	ND		ug/Kg	10/01/19	16:09	BP	442837
Dibromomethane	SW8260B	1	1.8	9.9	ND		ug/Kg	10/01/19	16:09	BP	442837
1,2-Dichloropropane	SW8260B	1	1.9	9.9	ND		ug/Kg	10/01/19	16:09	BP	442837
Bromodichloromethane	SW8260B	1	2.0	9.9	ND		ug/Kg	10/01/19	16:09	BP	442837
cis-1,3-Dichloropropene	SW8260B	1	1.6	9.9	ND		ug/Kg	10/01/19	16:09	BP	442837
Toluene	SW8260B	1	1.8	9.9	ND		ug/Kg	10/01/19	16:09	BP	442837
Tetrachloroethylene	SW8260B	1	1.6	9.9	ND		ug/Kg	10/01/19	16:09	BP	442837
trans-1,3-Dichloropropene	SW8260B	1	1.6	9.9	ND		ug/Kg	10/01/19	16:09	BP	442837
1,1,2-Trichloroethane	SW8260B	1	1.8	9.9	ND		ug/Kg	10/01/19	16:09	BP	442837
Dibromochloromethane	SW8260B	1	1.9	9.9	ND		ug/Kg	10/01/19	16:09	BP	442837



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/28/19, 4:40 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-4(39-39.5)	<b>Lab Sample ID:</b>	1909254-017B
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/28/19 / 10:36		
<b>SDG:</b>			

<b>Prep Method:</b> 5035	<b>Prep Batch Date/Time:</b> 10/1/19 10:11:00AM
<b>Prep Batch ID:</b> 1117113	<b>Prep Analyst:</b> BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
1,3-Dichloropropane	SW8260B	1	1.8	9.9	ND		ug/Kg	10/01/19	16:09	BP	442837
1,2-Dibromoethane	SW8260B	1	1.8	9.9	ND		ug/Kg	10/01/19	16:09	BP	442837
Chlorobenzene	SW8260B	1	1.8	9.9	ND		ug/Kg	10/01/19	16:09	BP	442837
Ethylbenzene	SW8260B	1	1.6	9.9	ND		ug/Kg	10/01/19	16:09	BP	442837
1,1,1,2-Tetrachloroethane	SW8260B	1	1.9	9.9	ND		ug/Kg	10/01/19	16:09	BP	442837
m,p-Xylene	SW8260B	1	3.1	9.9	ND		ug/Kg	10/01/19	16:09	BP	442837
o-Xylene	SW8260B	1	1.7	9.9	ND		ug/Kg	10/01/19	16:09	BP	442837
Styrene	SW8260B	1	1.6	9.9	ND		ug/Kg	10/01/19	16:09	BP	442837
Bromoforn	SW8260B	1	1.7	9.9	ND		ug/Kg	10/01/19	16:09	BP	442837
Isopropyl Benzene	SW8260B	1	1.6	9.9	ND		ug/Kg	10/01/19	16:09	BP	442837
n-Propylbenzene	SW8260B	1	1.5	9.9	ND		ug/Kg	10/01/19	16:09	BP	442837
Bromobenzene	SW8260B	1	1.7	9.9	ND		ug/Kg	10/01/19	16:09	BP	442837
1,1,2,2-Tetrachloroethane	SW8260B	1	1.9	9.9	ND		ug/Kg	10/01/19	16:09	BP	442837
2-Chlorotoluene	SW8260B	1	1.7	9.9	ND		ug/Kg	10/01/19	16:09	BP	442837
1,3,5-Trimethylbenzene	SW8260B	1	1.6	9.9	ND		ug/Kg	10/01/19	16:09	BP	442837
1,2,3-Trichloropropane	SW8260B	1	1.9	9.9	ND		ug/Kg	10/01/19	16:09	BP	442837
4-Chlorotoluene	SW8260B	1	1.6	9.9	ND		ug/Kg	10/01/19	16:09	BP	442837
tert-Butylbenzene	SW8260B	1	1.6	9.9	ND		ug/Kg	10/01/19	16:09	BP	442837
1,2,4-Trimethylbenzene	SW8260B	1	1.3	9.9	ND		ug/Kg	10/01/19	16:09	BP	442837
sec-Butyl Benzene	SW8260B	1	1.5	9.9	ND		ug/Kg	10/01/19	16:09	BP	442837
p-Isopropyltoluene	SW8260B	1	1.5	9.9	ND		ug/Kg	10/01/19	16:09	BP	442837
1,3-Dichlorobenzene	SW8260B	1	1.7	9.9	ND		ug/Kg	10/01/19	16:09	BP	442837
1,4-Dichlorobenzene	SW8260B	1	1.7	9.9	ND		ug/Kg	10/01/19	16:09	BP	442837
n-Butylbenzene	SW8260B	1	1.4	9.9	ND		ug/Kg	10/01/19	16:09	BP	442837
1,2-Dichlorobenzene	SW8260B	1	1.8	9.9	ND		ug/Kg	10/01/19	16:09	BP	442837
1,2-Dibromo-3-Chloropropane	SW8260B	1	1.8	9.9	ND		ug/Kg	10/01/19	16:09	BP	442837
Hexachlorobutadiene	SW8260B	1	1.4	9.9	ND		ug/Kg	10/01/19	16:09	BP	442837
1,2,4-Trichlorobenzene	SW8260B	1	1.5	9.9	ND		ug/Kg	10/01/19	16:09	BP	442837
Naphthalene	SW8260B	1	1.7	9.9	ND		ug/Kg	10/01/19	16:09	BP	442837
1,2,3-Trichlorobenzene	SW8260B	1	1.7	9.9	ND		ug/Kg	10/01/19	16:09	BP	442837
2-Butanone	SW8260B	1	2.3	9.9	ND		ug/Kg	10/01/19	16:09	BP	442837
(S) Dibromofluoromethane	SW8260B		59.8 - 148		<b>99.7</b>		%	10/01/19	16:09	BP	442837
(S) Toluene-d8	SW8260B		55.2 - 133		<b>103</b>		%	10/01/19	16:09	BP	442837
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		<b>90.5</b>		%	10/01/19	16:09	BP	442837



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/28/19, 4:40 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-4(39-39.5)	<b>Lab Sample ID:</b>	1909254-017B
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/28/19 / 10:36		
<b>SDG:</b>			

<b>Prep Method:</b> 5035GRO	<b>Prep Batch Date/Time:</b> 10/1/19	10:11:00AM
<b>Prep Batch ID:</b> 1117114	<b>Prep Analyst:</b> BPATEL	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH(Gasoline)	8260TPH	1	43	99	ND		ug/Kg	10/01/19	16:09	BP	442837
(S) 4-Bromofluorobenzene	8260TPH		43.9 - 127		<b>79.4</b>		%	10/01/19	16:09	BP	442837



### MB Summary Report

<b>Work Order:</b>	1909254	<b>Prep Method:</b>	7471BP	<b>Prep Date:</b>	09/30/19	<b>Prep Batch:</b>	1117035
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	SW7471B	<b>Analyzed Date:</b>	10/1/2019	<b>Analytical Batch:</b>	442816
<b>Units:</b>	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
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Mercury 0.083 0.50 ND

<b>Work Order:</b>	1909254	<b>Prep Method:</b>	3050B	<b>Prep Date:</b>	09/30/19	<b>Prep Batch:</b>	1117036
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	SW6010B	<b>Analyzed Date:</b>	10/1/2019	<b>Analytical Batch:</b>	442796
<b>Units:</b>	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
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Antimony 0.050 5.00 ND  
 Arsenic 0.15 1.30 ND  
 Barium 0.055 5.00 0.11  
 Beryllium 0.055 5.00 ND  
 Cadmium 0.10 5.00 ND  
 Chromium 0.075 5.00 0.11  
 Cobalt 0.070 5.00 ND  
 Copper 0.20 5.00 ND  
 Lead 0.10 1.30 ND  
 Molybdenum 0.050 5.00 ND  
 Nickel 0.50 5.00 ND  
 Selenium 0.22 5.00 ND  
 Silver 0.15 5.00 ND  
 Thallium 0.55 5.00 ND  
 Vanadium 0.10 5.00 ND  
 Zinc 0.30 5.00 ND



## MB Summary Report

<b>Work Order:</b>	1909254	<b>Prep Method:</b>	3546_BNA	<b>Prep Date:</b>	10/01/19	<b>Prep Batch:</b>	1117038
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	SW8270C	<b>Analyzed Date:</b>	10/1/2019	<b>Analytical Batch:</b>	442802
<b>Units:</b>	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
N-Nitrosodimethylamine	46.9	720	ND		
Phenol	43.8	288	ND		
Bis(2-chloroethyl)ether	13.3	144	ND		
2-Chlorophenol	47.7	288	ND		
1,3-Dichlorobenzene	13.1	144	ND		
1,4-Dichlorobenzene	14.6	144	ND		
Benzyl Alcohol	20.5	288	ND		
1,2-Dichlorobenzene	13.5	144	ND		
2-Methylphenol (o-Cresol)	29.3	288	ND		
N-Methyl-2-Pyrrolidone (NMP)	68.0	720	ND		
3-/4-Methylphenol (p-/m-Cresol)	31.3	288	ND		
N-nitroso-di-n-propylamine	13.2	144	ND		
Hexachloroethane	17.1	144	ND		
Nitrobenzene	12.8	144	ND		
Isophorone	12.2	144	ND		
2-Nitrophenol	25.4	288	ND		
2,4-Dimethylphenol	22.8	288	ND		
Benzoic Acid	41.7	288	ND		
Bis(2-Chloroethoxy)methane	9.79	144	ND		
Bis(2-chloroisopropyl)ether	12.6	144	ND		
2,4-Dichlorophenol	39.3	288	ND		
1,2,4-Trichlorobenzene	11.8	144	ND		
Naphthalene	10.6	144	ND		
2,6-Dichlorophenol	35.8	288	ND		
Hexachloro-1,3-butadiene	8.34	144	ND		
4-Chloro-3-methylphenol	33.8	288	ND		
2-Methylnaphthalene	10.4	144	ND		
1-Methylnaphthalene	12.2	144	ND		
Hexachlorocyclopentadiene	12.9	144	ND		
2,4,6-Trichlorophenol	35.9	288	ND		
2,4,5-Trichlorophenol	33.4	288	ND		
2-Chloronaphthalene	10.6	144	ND		
1,4-Dinitrobenzene	10.3	144	ND		
Dimethyl phthalate	14.2	720	ND		
1,3-Dinitrobenzene	10.4	144	ND		
Acenaphthylene	8.28	144	ND		
2,6-Dinitrotoluene	11.3	144	ND		
1,2-Dinitrobenzene	15.8	144	ND		
Acenaphthene	10.7	144	ND		
2,4-Dinitrophenol	77.6	720	ND		
4-Nitrophenol	54.7	720	ND		



## MB Summary Report

<b>Work Order:</b>	1909254	<b>Prep Method:</b>	3546_BNA	<b>Prep Date:</b>	10/01/19	<b>Prep Batch:</b>	1117038
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	SW8270C	<b>Analyzed Date:</b>	10/1/2019	<b>Analytical Batch:</b>	442802
<b>Units:</b>	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Dibenzofuran	11.2	144	ND	
2,4-Dinitrotoluene	12.1	144	ND	
2,3,5,6-Tetrachlorophenol	27.6	288	ND	
2,3,4,6-Tetrachlorophenol	31.5	288	ND	
Diethylphthalate	13.6	720	ND	
Fluorene	10.3	144	ND	
4-Chlorophenyl-phenylether	9.32	144	ND	
4,6-Dinitro-2-methylphenol	13.4	288	ND	
Diphenylamine	13.0	144	ND	
Azobenzene	114	144	ND	
4-Bromophenyl-phenylether	8.23	144	ND	
Hexachlorobenzene	8.66	144	ND	
Pentachlorophenol	25.0	288	ND	
Phenanthrene	9.32	144	ND	
Anthracene	8.91	144	ND	
Carbazole	10.7	144	ND	
Di-n-butylphthalate	13.5	144	ND	
Fluoranthene	10.0	144	ND	
Benzidine	147	144	ND	
Pyrene	12.0	144	ND	
Butylbenzylphthalate	21.0	720	ND	
Benzo(a)anthracene	9.80	144	ND	
3,3-Dichlorobenzidine	118	144	ND	
Chrysene	15.2	144	ND	
Bis(2-Ethylhexyl)phthalate	15.3	720	ND	
Di-n-Octylphthalate	12.3	144	ND	
Benzo(b)fluorathene	12.0	144	ND	
benzo(k)fluorathene	8.16	144	ND	
Benzo(a)pyrene	9.80	144	ND	
Indeno(1,2,3-c,d)pyrene	13.8	144	ND	
Dibenzo(a,h)anthracene	12.7	144	ND	
Benzo(g,h,i)perylene	12.7	144	ND	
Pyridine	43.8	720	ND	
2-Fluorophenol (S)			89.4	
Phenol-d6 (S)			90.8	
2,4,6-Tribromophenol (S)			83.9	
2-Fluorobiphenyl (S)			89.2	
Nitrobenzene-d5 (S)			86.4	
Terphenyl-d14 (S)			101	



### MB Summary Report

<b>Work Order:</b>	1909254	<b>Prep Method:</b>	3546_PAHSIM	<b>Prep Date:</b>	10/01/19	<b>Prep Batch:</b>	1117039
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	SW8270C	<b>Analyzed Date:</b>	10/1/2019	<b>Analytical Batch:</b>	442817
<b>Units:</b>	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Naphthalene	0.51	1.8	ND	
2-Methylnaphthalene	0.22	1.8	0.418	
1-Methylnaphthalene	0.18	1.8	0.344	
Acenaphthylene	0.19	1.8	0.589	
Acenaphthene	0.16	1.8	0.500	
Fluorene	0.27	1.8	0.469	
Phenanthrene	0.59	1.8	0.753	
Anthracene	0.53	1.8	0.644	
Fluoranthene	0.53	1.8	0.698	
Pyrene	0.55	1.8	0.649	
Benz[a]anthracene	0.46	1.8	1.37	
Chrysene	0.49	1.8	0.715	
Benzo[b]fluoranthene	0.24	1.8	0.647	
Benzo[k]fluoranthene	0.23	1.8	0.765	
Benzo[a]pyrene	0.28	1.8	0.631	
Indeno[1,2,3-cd]pyrene	0.22	1.8	0.773	
Dibenz[a,h]anthracene	0.27	1.8	0.768	
Benzo[g,h,i]perylene	0.27	1.8	0.845	
2-Fluorobiphenyl (S)			90.4	
p-Terphenyl-d14 (S)			98.0	

<b>Work Order:</b>	1909254	<b>Prep Method:</b>	3546_TPH	<b>Prep Date:</b>	10/01/19	<b>Prep Batch:</b>	1117043
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	SW8015B	<b>Analyzed Date:</b>	10/1/2019	<b>Analytical Batch:</b>	442805
<b>Units:</b>	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
TPH as Diesel	0.85	2.0	ND	
TPH as Motor Oil	3.2	10	ND	
Pentacosane (S)			90.7	



## MB Summary Report

<b>Work Order:</b>	1909254	<b>Prep Method:</b>	3546_OCP	<b>Prep Date:</b>	10/01/19	<b>Prep Batch:</b>	1117044
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	SW8081B	<b>Analyzed Date:</b>	10/1/2019	<b>Analytical Batch:</b>	442844
<b>Units:</b>	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
alpha-BHC	0.13	2.0	ND		
gamma-BHC (Lindane)	0.16	2.0	ND		
beta-BHC	0.32	2.0	ND		
delta-BHC	0.16	2.0	ND		
Heptachlor	0.11	2.0	ND		
Aldrin	0.20	2.0	ND		
Heptachlor Epoxide	0.078	2.0	ND		
gamma-Chlordane	0.16	2.0	ND		
alpha-Chlordane	0.17	2.0	ND		
4,4'-DDE	0.19	2.0	ND		
Endosulfan I	0.18	2.0	ND		
Dieldrin	0.15	2.0	ND		
Endrin	0.19	2.0	ND		
4,4'-DDD	0.57	2.0	ND		
Endosulfan II	0.58	2.0	ND		
4,4'-DDT	0.13	2.0	ND		
Endrin Aldehyde	0.15	2.0	ND		
Methoxychlor	0.20	2.0	ND		
Endosulfan Sulfate	0.12	2.0	ND		
Endrin Ketone	0.094	2.0	ND		
Chlordane	2.1	20	ND		
Toxaphene	8.5	50	ND		
TCMX (S)			96.3		
DCBP (S)			103		





### MB Summary Report

<b>Work Order:</b>	1909254	<b>Prep Method:</b>	3546_PCB	<b>Prep Date:</b>	10/01/19	<b>Prep Batch:</b>	1117046
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	SW8082A	<b>Analyzed Date:</b>	10/1/2019	<b>Analytical Batch:</b>	442798
<b>Units:</b>	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Aroclor1016	53	100	ND	
Aroclor1221	5.0	100	ND	
Aroclor1232	17	100	ND	
Aroclor1242	3.0	100	ND	
Aroclor1248	2.0	100	ND	
Aroclor1254	2.0	100	ND	
Aroclor1260	36	100	ND	
TCMX (S)			104	
DCBP (S)			102	



## MB Summary Report

<b>Work Order:</b>	1909254	<b>Prep Method:</b>	5035	<b>Prep Date:</b>	10/01/19	<b>Prep Batch:</b>	1117113
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	SW8260B	<b>Analyzed Date:</b>	10/1/2019	<b>Analytical Batch:</b>	442837
<b>Units:</b>	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
Dichlorodifluoromethane	1.2	10	ND		
Chloromethane	1.8	10	ND		
Vinyl Chloride	2.0	10	ND		
Bromomethane	2.7	10	ND		
Chloroethane	3.0	10	ND		
Trichlorofluoromethane	2.1	10	ND		
1,1-Dichloroethene	2.0	10	ND		
Freon 113	1.9	10	ND		
Methylene Chloride	7.1	10	ND		
trans-1,2-Dichloroethene	2.1	10	ND		
MTBE	2.3	10	ND		
TBA	12	50	ND		
Diisopropyl ether	2.3	10	ND		
1,1-Dichloroethane	2.2	10	ND		
Ethyl tert-Butyl ether	2.3	10	ND		
cis-1,2-Dichloroethene	2.2	10	ND		
2,2-Dichloropropane	1.9	10	ND		
Bromochloromethane	2.3	10	ND		
Chloroform	2.4	10	ND		
Carbon Tetrachloride	2.1	10	ND		
1,1,1-Trichloroethane	2.1	10	ND		
1,1-Dichloropropene	2.0	10	ND		
Benzene	2.2	10	ND		
TAME	2.3	10	ND		
1,2-Dichloroethane	2.3	10	ND		
Trichloroethylene	1.8	10	ND		
Dibromomethane	1.8	10	ND		
1,2-Dichloropropane	1.9	10	ND		
Bromodichloromethane	2.0	10	ND		
cis-1,3-Dichloropropene	1.6	10	ND		
Toluene	1.8	10	ND		
Tetrachloroethylene	1.7	10	ND		
trans-1,3-Dichloropropene	1.6	10	ND		
1,1,2-Trichloroethane	1.8	10	ND		
Dibromochloromethane	1.9	10	ND		
1,3-Dichloropropane	1.8	10	ND		
1,2-Dibromoethane	1.8	10	ND		
Chlorobenzene	1.8	10	ND		
Ethylbenzene	1.7	10	ND		
1,1,1,2-Tetrachloroethane	1.9	10	ND		
m,p-Xylene	3.2	10	ND		



## MB Summary Report

<b>Work Order:</b>	1909254	<b>Prep Method:</b>	5035	<b>Prep Date:</b>	10/01/19	<b>Prep Batch:</b>	1117113
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	SW8260B	<b>Analyzed Date:</b>	10/1/2019	<b>Analytical Batch:</b>	442837
<b>Units:</b>	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
o-Xylene	1.7	10	ND	
Styrene	1.6	10	ND	
Bromoform	1.7	10	ND	
Isopropyl Benzene	1.6	10	ND	
n-Propylbenzene	1.6	10	ND	
Bromobenzene	1.8	10	ND	
1,1,2,2-Tetrachloroethane	1.9	10	ND	
2-Chlorotoluene	1.8	10	ND	
1,3,5-Trimethylbenzene	1.6	10	ND	
1,2,3-Trichloropropane	1.9	10	ND	
4-Chlorotoluene	1.6	10	ND	
tert-Butylbenzene	1.6	10	ND	
1,2,4-Trimethylbenzene	1.4	10	ND	
sec-Butyl Benzene	1.6	10	ND	
p-Isopropyltoluene	1.5	10	ND	
1,3-Dichlorobenzene	1.7	10	ND	
1,4-Dichlorobenzene	1.7	10	ND	
n-Butylbenzene	1.5	10	ND	
1,2-Dichlorobenzene	1.8	10	ND	
1,2-Dibromo-3-Chloropropane	1.8	10	ND	
Hexachlorobutadiene	1.4	10	ND	
1,2,4-Trichlorobenzene	1.5	10	ND	
Naphthalene	1.7	10	ND	
1,2,3-Trichlorobenzene	1.7	10	ND	
2-Butanone	2.3	10	ND	
4-Methyl-2-Pentanone	2.0	10	ND	
(S) Dibromofluoromethane			96.9	
(S) Toluene-d8			99.5	
(S) 4-Bromofluorobenzene			99.5	



## MB Summary Report

<b>Work Order:</b>	1909254	<b>Prep Method:</b>	5035	<b>Prep Date:</b>	10/01/19	<b>Prep Batch:</b>	1117113
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	SW8260B	<b>Analyzed Date:</b>	10/1/2019	<b>Analytical Batch:</b>	442837
<b>Units:</b>	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
Dichlorodifluoromethane	120	1000	ND		
Chloromethane	180	1000	ND		
Vinyl Chloride	200	1000	ND		
Bromomethane	270	1000	ND		
Chloroethane	300	1000	ND		
Trichlorofluoromethane	210	1000	ND		
1,1-Dichloroethene	200	1000	ND		
Freon 113	190	1000	ND		
Methylene Chloride	710	1000	ND		
trans-1,2-Dichloroethene	210	1000	ND		
MTBE	230	1000	ND		
TBA	1200	5000	ND		
Diisopropyl ether	230	1000	ND		
1,1-Dichloroethane	220	1000	ND		
Ethyl tert-Butyl ether	230	1000	ND		
cis-1,2-Dichloroethene	220	1000	ND		
2,2-Dichloropropane	190	1000	ND		
Bromochloromethane	230	1000	ND		
Chloroform	240	1000	ND		
Carbon Tetrachloride	210	1000	ND		
1,1,1-Trichloroethane	210	1000	ND		
1,1-Dichloropropene	200	1000	ND		
Benzene	220	1000	ND		
TAME	230	1000	ND		
1,2-Dichloroethane	230	1000	ND		
Trichloroethylene	180	1000	ND		
Dibromomethane	180	1000	ND		
1,2-Dichloropropane	190	1000	ND		
Bromodichloromethane	200	1000	ND		
cis-1,3-Dichloropropene	160	1000	ND		
Toluene	180	1000	ND		
Tetrachloroethylene	170	1000	ND		
trans-1,3-Dichloropropene	160	1000	ND		
1,1,2-Trichloroethane	180	1000	ND		
Dibromochloromethane	190	1000	ND		
1,3-Dichloropropane	180	1000	ND		
1,2-Dibromoethane	180	1000	ND		
Chlorobenzene	180	1000	ND		
Ethylbenzene	170	1000	ND		
1,1,1,2-Tetrachloroethane	190	1000	ND		
m,p-Xylene	320	1000	ND		



## MB Summary Report

<b>Work Order:</b>	1909254	<b>Prep Method:</b>	5035	<b>Prep Date:</b>	10/01/19	<b>Prep Batch:</b>	1117113
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	SW8260B	<b>Analyzed Date:</b>	10/1/2019	<b>Analytical Batch:</b>	442837
<b>Units:</b>	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
o-Xylene	170	1000	ND		
Styrene	160	1000	ND		
Bromoform	170	1000	ND		
Isopropyl Benzene	160	1000	ND		
n-Propylbenzene	160	1000	ND		
Bromobenzene	180	1000	ND		
1,1,2,2-Tetrachloroethane	190	1000	ND		
2-Chlorotoluene	180	1000	ND		
1,3,5-Trimethylbenzene	160	1000	ND		
1,2,3-Trichloropropane	190	1000	ND		
4-Chlorotoluene	160	1000	ND		
tert-Butylbenzene	160	1000	ND		
1,2,4-Trimethylbenzene	140	1000	ND		
sec-Butyl Benzene	160	1000	ND		
p-Isopropyltoluene	150	1000	ND		
1,3-Dichlorobenzene	170	1000	ND		
1,4-Dichlorobenzene	170	1000	ND		
n-Butylbenzene	150	1000	ND		
1,2-Dichlorobenzene	180	1000	ND		
1,2-Dibromo-3-Chloropropane	180	1000	ND		
Hexachlorobutadiene	140	1000	ND		
1,2,4-Trichlorobenzene	150	1000	ND		
Naphthalene	170	1000	ND		
1,2,3-Trichlorobenzene	170	1000	ND		
2-Butanone	230	1000	ND		
4-Methyl-2-Pentanone	200	1000	ND		
(S) Dibromofluoromethane			104		
(S) Toluene-d8			96.9		
(S) 4-Bromofluorobenzene			103		

<b>Work Order:</b>	1909254	<b>Prep Method:</b>	5035GRO	<b>Prep Date:</b>	10/01/19	<b>Prep Batch:</b>	1117114
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	SW8260B	<b>Analyzed Date:</b>	10/1/2019	<b>Analytical Batch:</b>	442837
<b>Units:</b>	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
TPH(Gasoline)	43	100	87		
(S) 4-Bromofluorobenzene			103		



### MB Summary Report

<b>Work Order:</b>	1909254	<b>Prep Method:</b>	5035GRO	<b>Prep Date:</b>	10/01/19	<b>Prep Batch:</b>	1117114
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	SW8260B	<b>Analyzed Date:</b>	10/1/2019	<b>Analytical Batch:</b>	442837
<b>Units:</b>	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
TPH(Gasoline)	4300	10000	8500	
(S) 4-Bromofluorobenzene			104	

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## MB Summary Report

<b>Work Order:</b>	1909254	<b>Prep Method:</b>	5035	<b>Prep Date:</b>	09/30/19	<b>Prep Batch:</b>	1117117
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	SW8260B	<b>Analyzed Date:</b>	9/30/2019	<b>Analytical Batch:</b>	442843
<b>Units:</b>	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Dichlorodifluoromethane	1.2	10	ND	
Chloromethane	1.8	10	ND	
Vinyl Chloride	2.0	10	ND	
Bromomethane	2.7	10	ND	
Chloroethane	3.0	10	ND	
Trichlorofluoromethane	2.1	10	ND	
1,1-Dichloroethene	2.0	10	ND	
Freon 113	1.9	10	ND	
Methylene Chloride	7.1	10	ND	
trans-1,2-Dichloroethene	2.1	10	ND	
MTBE	2.3	10	ND	
TBA	12	50	ND	
Diisopropyl ether	2.3	10	ND	
1,1-Dichloroethane	2.2	10	ND	
Ethyl tert-Butyl ether	2.3	10	ND	
cis-1,2-Dichloroethene	2.2	10	ND	
2,2-Dichloropropane	1.9	10	ND	
Bromochloromethane	2.3	10	ND	
Chloroform	2.4	10	ND	
Carbon Tetrachloride	2.1	10	ND	
1,1,1-Trichloroethane	2.1	10	ND	
1,1-Dichloropropene	2.0	10	ND	
Benzene	2.2	10	ND	
TAME	2.3	10	ND	
1,2-Dichloroethane	2.3	10	ND	
Trichloroethylene	1.8	10	ND	
Dibromomethane	1.8	10	ND	
1,2-Dichloropropane	1.9	10	ND	
Bromodichloromethane	2.0	10	ND	
cis-1,3-Dichloropropene	1.6	10	ND	
Toluene	1.8	10	ND	
Tetrachloroethylene	1.7	10	ND	
trans-1,3-Dichloropropene	1.6	10	ND	
1,1,2-Trichloroethane	1.8	10	ND	
Dibromochloromethane	1.9	10	ND	
1,3-Dichloropropane	1.8	10	ND	
1,2-Dibromoethane	1.8	10	ND	
Chlorobenzene	1.8	10	ND	
Ethylbenzene	1.7	10	ND	
1,1,1,2-Tetrachloroethane	1.9	10	ND	
m,p-Xylene	3.2	10	ND	



## MB Summary Report

<b>Work Order:</b>	1909254	<b>Prep Method:</b>	5035	<b>Prep Date:</b>	09/30/19	<b>Prep Batch:</b>	1117117
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	SW8260B	<b>Analyzed Date:</b>	9/30/2019	<b>Analytical Batch:</b>	442843
<b>Units:</b>	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
o-Xylene	1.7	10	ND		
Styrene	1.6	10	ND		
Bromoform	1.7	10	ND		
Isopropyl Benzene	1.6	10	ND		
n-Propylbenzene	1.6	10	ND		
Bromobenzene	1.8	10	ND		
1,1,2,2-Tetrachloroethane	1.9	10	ND		
2-Chlorotoluene	1.8	10	ND		
1,3,5-Trimethylbenzene	1.6	10	ND		
1,2,3-Trichloropropane	1.9	10	ND		
4-Chlorotoluene	1.6	10	ND		
tert-Butylbenzene	1.6	10	ND		
1,2,4-Trimethylbenzene	1.4	10	ND		
sec-Butyl Benzene	1.6	10	ND		
p-Isopropyltoluene	1.5	10	ND		
1,3-Dichlorobenzene	1.7	10	ND		
1,4-Dichlorobenzene	1.7	10	ND		
n-Butylbenzene	1.5	10	ND		
1,2-Dichlorobenzene	1.8	10	ND		
1,2-Dibromo-3-Chloropropane	1.8	10	ND		
Hexachlorobutadiene	1.4	10	ND		
1,2,4-Trichlorobenzene	1.5	10	ND		
Naphthalene	1.7	10	ND		
1,2,3-Trichlorobenzene	1.7	10	ND		
2-Butanone	2.3	10	ND		
4-Methyl-2-Pentanone	2.0	10	ND		
(S) Dibromofluoromethane			97.8		
(S) Toluene-d8			99.8		
(S) 4-Bromofluorobenzene			99.5		

<b>Work Order:</b>	1909254	<b>Prep Method:</b>	5035GRO	<b>Prep Date:</b>	09/30/19	<b>Prep Batch:</b>	1117118
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	SW8260B	<b>Analyzed Date:</b>	9/30/2019	<b>Analytical Batch:</b>	442843
<b>Units:</b>	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
TPH(Gasoline)	43	100	73		
(S) 4-Bromofluorobenzene			98.5		





## MB Summary Report

<b>Work Order:</b>	1909254	<b>Prep Method:</b>	5035	<b>Prep Date:</b>	10/03/19	<b>Prep Batch:</b>	1117123
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	SW8260B	<b>Analyzed Date:</b>	10/3/2019	<b>Analytical Batch:</b>	442845
<b>Units:</b>	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
Dichlorodifluoromethane	1.2	10	ND		
Chloromethane	1.8	10	ND		
Vinyl Chloride	2.0	10	ND		
Bromomethane	2.7	10	ND		
Chloroethane	3.0	10	ND		
Trichlorofluoromethane	2.1	10	ND		
1,1-Dichloroethene	2.0	10	ND		
Freon 113	1.9	10	ND		
Methylene Chloride	7.1	10	ND		
trans-1,2-Dichloroethene	2.1	10	ND		
MTBE	2.3	10	ND		
TBA	12	50	ND		
Diisopropyl ether	2.3	10	ND		
1,1-Dichloroethane	2.2	10	ND		
Ethyl tert-Butyl ether	2.3	10	ND		
cis-1,2-Dichloroethene	2.2	10	ND		
2,2-Dichloropropane	1.9	10	ND		
Bromochloromethane	2.3	10	ND		
Chloroform	2.4	10	ND		
Carbon Tetrachloride	2.1	10	ND		
1,1,1-Trichloroethane	2.1	10	ND		
1,1-Dichloropropene	2.0	10	ND		
Benzene	2.2	10	ND		
TAME	2.3	10	ND		
1,2-Dichloroethane	2.3	10	ND		
Trichloroethylene	1.8	10	ND		
Dibromomethane	1.8	10	ND		
1,2-Dichloropropane	1.9	10	ND		
Bromodichloromethane	2.0	10	ND		
cis-1,3-Dichloropropene	1.6	10	ND		
Toluene	1.8	10	ND		
Tetrachloroethylene	1.7	10	ND		
trans-1,3-Dichloropropene	1.6	10	ND		
1,1,2-Trichloroethane	1.8	10	ND		
Dibromochloromethane	1.9	10	ND		
1,3-Dichloropropane	1.8	10	ND		
1,2-Dibromoethane	1.8	10	ND		
Chlorobenzene	1.8	10	ND		
Ethylbenzene	1.7	10	ND		
1,1,1,2-Tetrachloroethane	1.9	10	ND		
m,p-Xylene	3.2	10	ND		



## MB Summary Report

<b>Work Order:</b>	1909254	<b>Prep Method:</b>	5035	<b>Prep Date:</b>	10/03/19	<b>Prep Batch:</b>	1117123
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	SW8260B	<b>Analyzed Date:</b>	10/3/2019	<b>Analytical Batch:</b>	442845
<b>Units:</b>	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
o-Xylene	1.7	10	ND	
Styrene	1.6	10	ND	
Bromoform	1.7	10	ND	
Isopropyl Benzene	1.6	10	ND	
n-Propylbenzene	1.6	10	ND	
Bromobenzene	1.8	10	ND	
1,1,2,2-Tetrachloroethane	1.9	10	ND	
2-Chlorotoluene	1.8	10	ND	
1,3,5-Trimethylbenzene	1.6	10	ND	
1,2,3-Trichloropropane	1.9	10	ND	
4-Chlorotoluene	1.6	10	ND	
tert-Butylbenzene	1.6	10	ND	
1,2,4-Trimethylbenzene	1.4	10	ND	
sec-Butyl Benzene	1.6	10	ND	
p-Isopropyltoluene	1.5	10	ND	
1,3-Dichlorobenzene	1.7	10	ND	
1,4-Dichlorobenzene	1.7	10	ND	
n-Butylbenzene	1.5	10	ND	
1,2-Dichlorobenzene	1.8	10	ND	
1,2-Dibromo-3-Chloropropane	1.8	10	ND	
Hexachlorobutadiene	1.4	10	ND	
1,2,4-Trichlorobenzene	1.5	10	ND	
Naphthalene	1.7	10	ND	
1,2,3-Trichlorobenzene	1.7	10	ND	
2-Butanone	2.3	10	ND	
4-Methyl-2-Pentanone	2.0	10	ND	
(S) Dibromofluoromethane			97.8	
(S) Toluene-d8			99.6	
(S) 4-Bromofluorobenzene			99.5	



## MB Summary Report

<b>Work Order:</b>	1909254	<b>Prep Method:</b>	5035	<b>Prep Date:</b>	10/03/19	<b>Prep Batch:</b>	1117123
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	SW8260B	<b>Analyzed Date:</b>	10/3/2019	<b>Analytical Batch:</b>	442845
<b>Units:</b>	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
Dichlorodifluoromethane	120	1000	ND		
Chloromethane	180	1000	ND		
Vinyl Chloride	200	1000	ND		
Bromomethane	270	1000	ND		
Chloroethane	300	1000	ND		
Trichlorofluoromethane	210	1000	ND		
1,1-Dichloroethene	200	1000	ND		
Freon 113	190	1000	ND		
Methylene Chloride	710	1000	ND		
trans-1,2-Dichloroethene	210	1000	ND		
MTBE	230	1000	ND		
TBA	1200	5000	ND		
Diisopropyl ether	230	1000	ND		
1,1-Dichloroethane	220	1000	ND		
Ethyl tert-Butyl ether	230	1000	ND		
cis-1,2-Dichloroethene	220	1000	ND		
2,2-Dichloropropane	190	1000	ND		
Bromochloromethane	230	1000	ND		
Chloroform	240	1000	ND		
Carbon Tetrachloride	210	1000	ND		
1,1,1-Trichloroethane	210	1000	ND		
1,1-Dichloropropene	200	1000	ND		
Benzene	220	1000	ND		
TAME	230	1000	ND		
1,2-Dichloroethane	230	1000	ND		
Trichloroethylene	180	1000	ND		
Dibromomethane	180	1000	ND		
1,2-Dichloropropane	190	1000	ND		
Bromodichloromethane	200	1000	ND		
cis-1,3-Dichloropropene	160	1000	ND		
Toluene	180	1000	ND		
Tetrachloroethylene	170	1000	ND		
trans-1,3-Dichloropropene	160	1000	ND		
1,1,2-Trichloroethane	180	1000	ND		
Dibromochloromethane	190	1000	ND		
1,3-Dichloropropane	180	1000	ND		
1,2-Dibromoethane	180	1000	ND		
Chlorobenzene	180	1000	ND		
Ethylbenzene	170	1000	ND		
1,1,1,2-Tetrachloroethane	190	1000	ND		
m,p-Xylene	320	1000	ND		



## MB Summary Report

<b>Work Order:</b>	1909254	<b>Prep Method:</b>	5035	<b>Prep Date:</b>	10/03/19	<b>Prep Batch:</b>	1117123
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	SW8260B	<b>Analyzed Date:</b>	10/3/2019	<b>Analytical Batch:</b>	442845
<b>Units:</b>	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
o-Xylene	170	1000	ND		
Styrene	160	1000	ND		
Bromoform	170	1000	ND		
Isopropyl Benzene	160	1000	ND		
n-Propylbenzene	160	1000	ND		
Bromobenzene	180	1000	ND		
1,1,2,2-Tetrachloroethane	190	1000	ND		
2-Chlorotoluene	180	1000	ND		
1,3,5-Trimethylbenzene	160	1000	ND		
1,2,3-Trichloropropane	190	1000	ND		
4-Chlorotoluene	160	1000	ND		
tert-Butylbenzene	160	1000	ND		
1,2,4-Trimethylbenzene	140	1000	ND		
sec-Butyl Benzene	160	1000	ND		
p-Isopropyltoluene	150	1000	ND		
1,3-Dichlorobenzene	170	1000	ND		
1,4-Dichlorobenzene	170	1000	ND		
n-Butylbenzene	150	1000	ND		
1,2-Dichlorobenzene	180	1000	ND		
1,2-Dibromo-3-Chloropropane	180	1000	ND		
Hexachlorobutadiene	140	1000	ND		
1,2,4-Trichlorobenzene	150	1000	ND		
Naphthalene	170	1000	ND		
1,2,3-Trichlorobenzene	170	1000	ND		
2-Butanone	230	1000	ND		
4-Methyl-2-Pentanone	200	1000	ND		
(S) Dibromofluoromethane			100		
(S) Toluene-d8			101		
(S) 4-Bromofluorobenzene			107		

<b>Work Order:</b>	1909254	<b>Prep Method:</b>	5035GRO	<b>Prep Date:</b>	10/03/19	<b>Prep Batch:</b>	1117124
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	SW8260B	<b>Analyzed Date:</b>	10/3/2019	<b>Analytical Batch:</b>	442845
<b>Units:</b>	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
TPH(Gasoline)	43	100	ND		
(S) 4-Bromofluorobenzene			93.1		



### MB Summary Report

<b>Work Order:</b>	1909254	<b>Prep Method:</b>	5035GRO	<b>Prep Date:</b>	10/03/19	<b>Prep Batch:</b>	1117124
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	SW8260B	<b>Analyzed Date:</b>	10/3/2019	<b>Analytical Batch:</b>	442845
<b>Units:</b>	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
TPH(Gasoline)	4300	10000	ND	
(S) 4-Bromofluorobenzene			98.6	

<b>Work Order:</b>	1909254	<b>Prep Method:</b>	% Water-P	<b>Prep Date:</b>	10/04/19	<b>Prep Batch:</b>	1117182
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	ASTM D2216-90	<b>Analyzed Date:</b>	10/5/2019	<b>Analytical Batch:</b>	442910
<b>Units:</b>	mg/L						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Moisture, Percent	0.050	0.050	ND	

<b>Work Order:</b>	1909254	<b>Prep Method:</b>	WET/3010B	<b>Prep Date:</b>	10/10/19	<b>Prep Batch:</b>	1117290
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	SW6010B	<b>Analyzed Date:</b>	10/10/2019	<b>Analytical Batch:</b>	443035
<b>Units:</b>	mg/L						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Chromium (STLC)	0.010	0.20	0.033	
Lead (STLC)	0.050	0.20	0.054	
Nickel (STLC)	0.010	0.20	ND	

<b>Work Order:</b>	1909254	<b>Prep Method:</b>	WET/3010B	<b>Prep Date:</b>	10/16/19	<b>Prep Batch:</b>	1117446
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	SW6010B	<b>Analyzed Date:</b>	10/16/2019	<b>Analytical Batch:</b>	443175
<b>Units:</b>	mg/L						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Chromium (STLC)	0.010	0.20	0.030	



### MB Summary Report

<b>Work Order:</b>	1909254	<b>Prep Method:</b>	1311/3010B	<b>Prep Date:</b>	10/24/19	<b>Prep Batch:</b>	1117656
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	SW6010B	<b>Analyzed Date:</b>	10/24/2019	<b>Analytical Batch:</b>	443377
<b>Units:</b>	mg/L						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Arsenic (TCLP)	0.40	0.20	ND	
Barium (TCLP)	0.020	0.20	ND	
Cadmium (TCLP)	0.040	0.20	ND	
Chromium (TCLP)	0.010	0.20	ND	
Lead (TCLP)	0.050	0.20	0.086	
Selenium (TCLP)	0.090	0.20	ND	
Silver (TCLP)	0.020	0.20	ND	



## LCS/LCSD Summary Report

*Raw values are used in quality control assessment.*

<b>Work Order:</b>	1909254	<b>Prep Method:</b>	7471BP	<b>Prep Date:</b>	09/30/19	<b>Prep Batch:</b>	1117035
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	SW7471B	<b>Analyzed Date:</b>	10/1/2019	<b>Analytical Batch:</b>	442816
<b>Units:</b>	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Mercury	0.047	0.50	ND	1.25	89.9	91.7	2.64	80 - 120	30	

<b>Work Order:</b>	1909254	<b>Prep Method:</b>	3050B	<b>Prep Date:</b>	09/30/19	<b>Prep Batch:</b>	1117036
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	SW6010B	<b>Analyzed Date:</b>	10/1/2019	<b>Analytical Batch:</b>	442796
<b>Units:</b>	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Antimony	0.050	5.00	ND	50	109	86.1	23.4	80 - 120	30	
Arsenic	0.15	1.30	ND	50	107	85.8	22.0	80 - 120	30	
Barium	0.055	5.00	0.11	50	113	89.2	23.5	80 - 120	30	
Beryllium	0.055	5.00	ND	50	113	89.5	23.1	80 - 120	30	
Cadmium	0.10	5.00	ND	50	110	88.7	21.3	80 - 120	30	
Chromium	0.075	5.00	0.11	50	114	90.6	22.9	80 - 120	30	
Cobalt	0.070	5.00	ND	50	112	89.6	22.2	80 - 120	30	
Copper	0.20	5.00	ND	50	116	91.2	23.9	80 - 120	30	
Lead	0.10	3.00	ND	50	109	88.0	21.3	80 - 120	30	
Molybdenum	0.050	5.00	ND	50	114	91.4	22.0	80 - 120	30	
Nickel	0.50	5.00	ND	50	112	89.3	22.4	80 - 120	30	
Selenium	0.22	5.00	ND	50	102	80.6	23.4	80 - 120	30	
Silver	0.15	5.00	ND	50	113	89.6	23.1	80 - 120	30	
Thallium	0.20	5.00	ND	50	109	88.4	20.9	80 - 120	30	
Vanadium	0.10	5.00	ND	50	114	90.5	22.9	80 - 120	30	
Zinc	0.30	5.00	ND	50	109	85.7	23.8	80 - 120	30	



## LCS/LCSD Summary Report

*Raw values are used in quality control assessment.*

<b>Work Order:</b>	1909254	<b>Prep Method:</b>	3546_BNA	<b>Prep Date:</b>	10/01/19	<b>Prep Batch:</b>	1117038
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	SW8270C	<b>Analyzed Date:</b>	10/1/2019	<b>Analytical Batch:</b>	442802
<b>Units:</b>	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Phenol	43.8	288	ND	1600	83.2	81.2	2.28	40 - 100	30	
2-Chlorophenol	47.7	288	ND	1600	82.2	79.6	3.86	45 - 105	30	
Bis(2-chloroethyl)ether	14.6	144	ND	800	81.5	77.9	4.55	35 - 105	30	
N-nitroso-di-n-propylamine	183	144	ND	1600	82.4	81.2	1.53	40 - 115	30	
1,2,4-Trichlorobenzene	164	144	ND	800	83.7	81.6	2.57	45 - 110	30	
4-Chloro-3-methylphenol	469	288	ND	1600	86.0	86.1	0.000	45 - 110	30	
Acenaphthene	148	144	ND	800	88.1	85.2	3.32	45 - 110	30	
4-Nitrophenol	760	720	ND	1600	89.7	86.9	2.84	15 - 140	30	
2,4-Dinitrotoluene	168	144	ND	800	94.6	92.4	2.27	50 - 115	30	
N-Methyl-2-Pyrrolidone (NMP)	129	144	ND	1600	87.0	85.2	2.18	25 - 120	30	
Pyrene	166	144		800	91.0	89.5	1.66	45 - 145	30	
2-Fluorophenol (S)				22200	91.3	88.1		25 - 121		
Phenol-d6 (S)				22200	92.2	91.4		24 - 113		
2,4,6-Tribromophenol (S)				22200	98.1	97.2		19 - 122		
2-Fluorobiphenyl (S)				11100	92.0	89.9		30 - 143		
Nitrobenzene-d5 (S)				11100	86.6	86.6		23 - 120		
Terphenyl-d14 (S)				11100	96.1	94.4		18 - 137		

<b>Work Order:</b>	1909254	<b>Prep Method:</b>	3546_PAHSIM	<b>Prep Date:</b>	10/01/19	<b>Prep Batch:</b>	1117039
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	SW8270C	<b>Analyzed Date:</b>	10/1/2019	<b>Analytical Batch:</b>	442817
<b>Units:</b>	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Acenaphthene	0.16	4.0	ND	200.0	72.7	79.5	9.21	45 - 125	30	
Pyrene	0.55	4.0	0.418	200.0	87.5	90.6	3.37	45 - 125	30	
2-Fluorobiphenyl (S)				2778	74.1	82.1		45 - 125		
p-Terphenyl-d14 (S)				2778	83.7	91.5		30 - 125		

<b>Work Order:</b>	1909254	<b>Prep Method:</b>	3546_TPH	<b>Prep Date:</b>	10/01/19	<b>Prep Batch:</b>	1117043
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	SW8015B	<b>Analyzed Date:</b>	10/1/2019	<b>Analytical Batch:</b>	442805
<b>Units:</b>	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
TPH as Diesel	0.85	2.0	ND	25.0	77.2	86.8	11.7	52 - 115	30	
Pentacosane (S)				200	84.0	103		59 - 129		





## LCS/LCSD Summary Report

*Raw values are used in quality control assessment.*

<b>Work Order:</b>	1909254	<b>Prep Method:</b>	3546_OCP	<b>Prep Date:</b>	10/01/19	<b>Prep Batch:</b>	1117044
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	SW8081B	<b>Analyzed Date:</b>	10/1/2019	<b>Analytical Batch:</b>	442844
<b>Units:</b>	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
gamma-BHC (Lindane)	0.16	2.0	ND	40	92.0	92.6	0.542	25 - 135	30	
Heptachlor	0.11	2.0	ND	40	93.1	94.9	1.86	40 - 130	30	
Aldrin	0.20	2.0	ND	40	92.0	93.5	1.62	25 - 140	30	
Dieldrin	0.15	2.0	ND	40	89.6	91.3	1.94	60 - 130	30	
Endrin	0.19	2.0	ND	40	88.7	92.0	3.60	55 - 135	30	
4,4'-DDT	0.13	2.0	ND	40	93.9	95.2	1.59	45 - 140	30	
TCMX (S)				100	95.2	97.2		48 - 125		
DCBP (S)				100	101	104		38 - 135		

<b>Work Order:</b>	1909254	<b>Prep Method:</b>	3546_PCB	<b>Prep Date:</b>	10/01/19	<b>Prep Batch:</b>	1117046
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	SW8082A	<b>Analyzed Date:</b>	10/1/2019	<b>Analytical Batch:</b>	442798
<b>Units:</b>	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Aroclor1016	53	100	ND	600	116	123	5.45	25 - 145	30	
Aroclor1260	36	100	ND	600	96.7	101	4.71	30 - 145	30	
TCMX (S)				0.10	105	108		48 - 125		
DCBP (S)				0.10	99.0	101		48 - 135		

<b>Work Order:</b>	1909254	<b>Prep Method:</b>	5035	<b>Prep Date:</b>	10/01/19	<b>Prep Batch:</b>	1117113
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	SW8260B	<b>Analyzed Date:</b>	10/1/2019	<b>Analytical Batch:</b>	442837
<b>Units:</b>	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
1,1-Dichloroethene	2.0	10	ND	50.0	97.6	95.8	1.86	53.7 - 139	30	
Benzene	2.2	10	ND	50.0	104	103	1.55	66.5 - 135	30	
Trichloroethylene	1.8	10	ND	50.0	100	97.2	2.84	57.5 - 150	30	
Toluene	1.8	10	ND	50.0	102	104	2.33	56.8 - 134	30	
Chlorobenzene	1.8	10	ND	50.0	101	102	0.592	57.4 - 134	30	
(S) Dibromofluoromethane				50.0	133	120		59.8 - 148		
(S) Toluene-d8				50.0	123	120		55.2 - 133		
(S) 4-Bromofluorobenzene				50.0	131	117		55.8 - 141		



## LCS/LCSD Summary Report

*Raw values are used in quality control assessment.*

<b>Work Order:</b>	1909254	<b>Prep Method:</b>	5035GRO	<b>Prep Date:</b>	10/01/19	<b>Prep Batch:</b>	1117114
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	SW8260B	<b>Analyzed Date:</b>	10/1/2019	<b>Analytical Batch:</b>	442837
<b>Units:</b>	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
TPH(Gasoline)	43	100	87	1000	109	101	7.62	48.2 - 132	30	
(S) 4-Bromofluorobenzene				50	111	102		43.9 - 127		

<b>Work Order:</b>	1909254	<b>Prep Method:</b>	5035	<b>Prep Date:</b>	09/30/19	<b>Prep Batch:</b>	1117117
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	SW8260B	<b>Analyzed Date:</b>	9/30/2019	<b>Analytical Batch:</b>	442843
<b>Units:</b>	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
1,1-Dichloroethene	2.0	10	ND	50.0	97.0	95.9	1.04	53.7 - 139	30	
Benzene	2.2	10	ND	50.0	98.8	97.2	1.63	66.5 - 135	30	
Trichloroethylene	1.8	10	ND	50.0	99.3	98.2	1.01	57.5 - 150	30	
Toluene	1.8	10	ND	50.0	103	95.3	7.27	56.8 - 134	30	
Chlorobenzene	1.8	10	ND	50.0	100	96.8	3.45	57.4 - 134	30	
(S) Dibromofluoromethane				50.0	129	114		59.8 - 148		
(S) Toluene-d8				50.0	132	113		55.2 - 133		
(S) 4-Bromofluorobenzene				50.0	127	108		55.8 - 141		

<b>Work Order:</b>	1909254	<b>Prep Method:</b>	5035GRO	<b>Prep Date:</b>	09/30/19	<b>Prep Batch:</b>	1117118
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	SW8260B	<b>Analyzed Date:</b>	9/30/2019	<b>Analytical Batch:</b>	442843
<b>Units:</b>	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
TPH(Gasoline)	43	100	73	1000	111	96.0	14.5	48.2 - 132	30	
(S) 4-Bromofluorobenzene				50	113	97.4		43.9 - 127		



## LCS/LCSD Summary Report

*Raw values are used in quality control assessment.*

<b>Work Order:</b>	1909254	<b>Prep Method:</b>	5035	<b>Prep Date:</b>	10/03/19	<b>Prep Batch:</b>	1117123
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	SW8260B	<b>Analyzed Date:</b>	10/3/2019	<b>Analytical Batch:</b>	442845
<b>Units:</b>	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
1,1-Dichloroethene	2.0	10	ND	50.0	96.0	104	7.62	53.7 - 139	30	
Benzene	2.2	10	ND	50.0	105	112	5.89	66.5 - 135	30	
Trichloroethylene	1.8	10	ND	50.0	102	108	5.71	57.5 - 150	30	
Toluene	1.8	10	ND	50.0	107	116	8.60	56.8 - 134	30	
Chlorobenzene	1.8	10	ND	50.0	104	113	8.68	57.4 - 134	30	
(S) Dibromofluoromethane				50.0	108	119		59.8 - 148		
(S) Toluene-d8				50.0	106	120		55.2 - 133		
(S) 4-Bromofluorobenzene				50.0	111	119		55.8 - 141		

<b>Work Order:</b>	1909254	<b>Prep Method:</b>	5035GRO	<b>Prep Date:</b>	10/03/19	<b>Prep Batch:</b>	1117124
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	SW8260B	<b>Analyzed Date:</b>	10/3/2019	<b>Analytical Batch:</b>	442845
<b>Units:</b>	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
TPH(Gasoline)	43	100	ND	1000	110	94.5	15.2	48.2 - 132	30	
(S) 4-Bromofluorobenzene				50	103	93.0		43.9 - 127		

<b>Work Order:</b>	1909254	<b>Prep Method:</b>	WET/3010B	<b>Prep Date:</b>	10/10/19	<b>Prep Batch:</b>	1117290
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	SW6010B	<b>Analyzed Date:</b>	10/10/2019	<b>Analytical Batch:</b>	443035
<b>Units:</b>	mg/L						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Chromium (STLC)	0.010	0.20	0.033	10	88.5	88.8	0.338	80 - 120	20	
Lead (STLC)	0.050	0.20	0.054	10	95.7	96.1	0.417	80 - 120	20	
Nickel (STLC)	0.010	0.20	ND	10	83.3	83.5	0.240	80 - 120	20	

<b>Work Order:</b>	1909254	<b>Prep Method:</b>	WET/3010B	<b>Prep Date:</b>	10/16/19	<b>Prep Batch:</b>	1117446
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	SW6010B	<b>Analyzed Date:</b>	10/16/2019	<b>Analytical Batch:</b>	443175
<b>Units:</b>	mg/L						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Chromium (STLC)	0.010	0.20	0.030	10	85.7	84.6	1.29	80 - 120	20	



## LCS/LCSD Summary Report

*Raw values are used in quality control assessment.*

<b>Work Order:</b>	1909254	<b>Prep Method:</b>	1311/3010B	<b>Prep Date:</b>	10/24/19	<b>Prep Batch:</b>	1117656
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	SW6010B	<b>Analyzed Date:</b>	10/24/2019	<b>Analytical Batch:</b>	443377
<b>Units:</b>	mg/L						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Arsenic (TCLP)	0.20	0.40	ND	10	98.0	95.4	2.69	80 - 120	20	
Barium (TCLP)	0.020	0.20	ND	10	96.8	93.8	3.15	80 - 120	20	
Cadmium (TCLP)	0.040	0.20	ND	10	93.3	90.3	3.27	80 - 120	20	
Chromium (TCLP)	0.010	0.20	ND	10	92.9	90.3	2.84	80 - 120	20	
Lead (TCLP)	0.050	0.20	0.086	10	93.4	89.5	4.26	80 - 120	20	
Selenium (TCLP)	0.090	0.20	ND	10	100	98.0	2.02	80 - 120	20	
Silver (TCLP)	0.020	0.20	ND	10	97.0	94.6	2.51	80 - 120	20	



## MS/MSD Summary Report

*Raw values are used in quality control assessment.*

<b>Work Order:</b>	1909254	<b>Prep Method:</b>	7471BP	<b>Prep Date:</b>	09/30/19	<b>Prep Batch:</b>	1117035
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	SW7471B	<b>Analyzed Date:</b>	10/1/2019	<b>Analytical Batch:</b>	442816
<b>Spiked Sample:</b>	1909254-001A						
<b>Units:</b>	mg/Kg						

Parameters	MDL	PQL	Sample Conc.	Spike Conc.	MS % Recovery	MSD % Recovery	MS/MSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Mercury	0.047	0.50	ND	1.25	90.3	85.7	4.96	75 - 125	30	

<b>Work Order:</b>	1909254	<b>Prep Method:</b>	3050B	<b>Prep Date:</b>	09/30/19	<b>Prep Batch:</b>	1117036
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	SW6010B	<b>Analyzed Date:</b>	10/01/2019	<b>Analytical Batch:</b>	442796
<b>Spiked Sample:</b>	1909254-001A						
<b>Units:</b>	mg/Kg						

Parameters	MDL	PQL	Sample Conc.	Spike Conc.	MS % Recovery	MSD % Recovery	MS/MSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Antimony	0.050	5.00	ND	50	59.1	71.4	17.5	30.7 - 130	30	
Arsenic	0.15	1.30	ND	50	99.0	108	8.53	71.0 - 121	30	
Barium	0.055	5.00	123	50	185	49.0	37.4	70.2 - 130	30	S,R
Beryllium	0.055	5.00	ND	50	91.5	98.6	7.35	73.3 - 115	30	
Cadmium	0.10	5.00	ND	50	88.4	95.9	7.88	80.0 - 110	30	
Chromium	0.075	5.00	273	50	0	0	34.7	76.0 - 116	30	NR
Cobalt	0.070	5.00	46.8	50	75.4	96.4	11.7	57.4 - 122	30	
Copper	0.20	5.00	22.0	50	102	118	10.4	74.8 - 119	30	
Lead	0.10	3.00	11.9	50	87.2	96.2	7.79	57.9 - 118	30	
Molybdenum	0.050	5.00	ND	50	91.2	98.6	7.80	62.9 - 123	30	
Nickel	0.50	5.00	820	50	0	0	20.4	61.5 - 122	30	NR
Selenium	0.22	5.00	ND	50	88.3	95.2	7.41	62.0 - 111	30	
Silver	0.15	5.00	ND	50	110	121	9.52	81.1 - 109	30	S
Thallium	0.20	5.00	ND	50	79.4	87.0	9.13	39.2 - 125	30	
Vanadium	0.10	5.00	24.4	50	96.2	108	7.95	65.8 - 122	30	
Zinc	0.30	5.00	42.4	50	89.2	100	6.13	59.9 - 122	30	

<b>Work Order:</b>	1909254	<b>Prep Method:</b>	3546_TPH	<b>Prep Date:</b>	10/01/19	<b>Prep Batch:</b>	1117043
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	SW8015B	<b>Analyzed Date:</b>	10/1/2019	<b>Analytical Batch:</b>	442805
<b>Spiked Sample:</b>	1909254-001A						
<b>Units:</b>	mg/Kg						

Parameters	MDL	PQL	Sample Conc.	Spike Conc.	MS % Recovery	MSD % Recovery	MS/MSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
TPH as Diesel	8.50	20.0	51.3	25.0	167	452	55.2	52 - 115	30	S,R
Pentacosane (S)				20.0	98.3	85.3		59 - 129		



## MS/MSD Summary Report

*Raw values are used in quality control assessment.*

<b>Work Order:</b>	1909254	<b>Prep Method:</b>	WET/3010B	<b>Prep Date:</b>	10/10/19	<b>Prep Batch:</b>	1117290
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	SW6010B	<b>Analyzed Date:</b>	10/10/2019	<b>Analytical Batch:</b>	443035
<b>Spiked Sample:</b>	1909254-001A						
<b>Units:</b>	mg/L						

Parameters	MDL	PQL	Sample Conc.	Spike Conc.	MS % Recovery	MSD % Recovery	MS/MSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Chromium (STLC)	0.0100	0.200	0.620	10	85.9	85.3	0.654	75 - 125	20	
Nickel (STLC)	0.0100	0.200	4.60	10	81.0	81.0	0.000	75 - 125	20	

<b>Work Order:</b>	1909254	<b>Prep Method:</b>	WET/3010B	<b>Prep Date:</b>	10/16/19	<b>Prep Batch:</b>	1117446
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	SW6010B	<b>Analyzed Date:</b>	10/16/2019	<b>Analytical Batch:</b>	443175
<b>Spiked Sample:</b>	1909254-004A						
<b>Units:</b>	mg/L						

Parameters	MDL	PQL	Sample Conc.	Spike Conc.	MS % Recovery	MSD % Recovery	MS/MSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Chromium (STLC)	0.0100	0.200	ND	10	82.1	84.1	2.38	75 - 125	20	



### Duplicate QC Summary Report

<b>Work Order:</b> 1909254	<b>Prep Method:</b> % Water-P	<b>Prep Date:</b> 10/4/2019	<b>Prep Batch:</b> 1117182
<b>Matrix:</b>	<b>Analytical Method:</b> ASTM D2216-90	<b>Analyzed Date:</b> 10/07/19	<b>Analytical Batch:</b> 442910
<b>Units:</b>			<b>Lab Sample ID:</b> 1909254-013A-DUP-1117182

Parameters	<u>MDL</u>	<u>PQL</u>	<u>Sample Result</u>	<u>Duplicate Result</u>	<u>% RPD</u>	
Moisture, Percent	0.058	0.0575	15.0	15.1	0.66	

DRAFT



## Laboratory Qualifiers and Definitions

### DEFINITIONS:

<b>Accuracy/Bias (% Recovery)</b> - The closeness of agreement between an observed value and an accepted reference value.
<b>Blank (Method/Preparation Blank)</b> -MB/PB - An analyte-free matrix to which all reagents are added in the same volumes/proportions as used in sample processing. The method blank is used to document contamination resulting from the analytical process.
<b>Duplicate</b> - a field sample and/or laboratory QC sample prepared in duplicate following all of the same processes and procedures used on the original sample (sample duplicate, LCSD, MSD)
<b>Laboratory Control Sample (LCS ad LCSD)</b> - A known matrix spiked with compounds representative of the target analyte(s). This is used to document laboratory performance.
<b>Matrix</b> - the component or substrate that contains the analyte of interest (e.g., - groundwater, sediment, soil, waste water, etc)
<b>Matrix Spike (MS/MSD)</b> - Client sample spiked with identical concentrations of target analyte (s). The spiking occurs prior to the sample preparation and analysis. They are used to document the precision and bias of a method in a given sample matrix.
<b>Method Detection Limit (MDL)</b> - the minimum concentration of a substance that can be measured and reported with a 99% confidence that the analyte concentration is greater than zero
<b>Practical Quantitation Limit/Reporting Limit/Limit of Quantitation (PQL/RL/LOQ)</b> - a laboratory determined value at 2 to 5 times above the MDL that can be reproduced in a manner that results in a 99% confidence level that the result is both accurate and precise. PQLs/RLs/LODs reflect all preparation factors and/or dilution factors that have been applied to the sample during the preparation and/or analytical processes.
<b>Precision (%RPD)</b> - The agreement among a set of replicate/duplicate measurements without regard to known value of the replicates
<b>Surrogate (S) or (Surr)</b> - An organic compound which is similar to the target analyte(s) in chemical composition and behavior in the analytical process, but which is not normally found in environmental samples. Surrogates are used in most organic analysis to demonstrate matrix compatibility with the chosen method of analysis
<b>Tentatively Identified Compound (TIC)</b> - A compound not contained within the analytical calibration standards but present in the GCMS library of defined compounds. When the library is searched for an unknown compound, it can frequently give a tentative identification to the compound based on retention time and primary and secondary ion match. TICs are reported as estimates and are candidates for further investigation.
<b>Units:</b> the unit of measure used to express the reported result - <b>mg/L</b> and <b>mg/Kg</b> (equivalent to PPM - parts per million in <b>liquid</b> and <b>solid</b> ), <b>ug/L</b> and <b>ug/Kg</b> (equivalent to PPB - parts per billion in <b>liquid</b> and <b>solid</b> ), <b>ug/m3</b> , <b>mg/m3</b> , <b>ppbv</b> and <b>ppmv</b> (all units of measure for reporting concentrations in air), % (equivalent to 10000 ppm or 1,000,000 ppb), <b>ug/Wipe</b> (concentration found on the surface of a single Wipe usually taken over a 100cm <sup>2</sup> surface)

### LABORATORY QUALIFIERS:

<p><b>B</b> - Indicates when the analyte is found in the associated method or preparation blank</p> <p><b>D</b> - Surrogate is not recoverable due to the necessary dilution of the sample</p> <p><b>E</b> - Indicates the reportable value is outside of the calibration range of the instrument but within the linear range of the instrument (unless otherwise noted) Values reported with an E qualifier should be considered as estimated.</p> <p><b>H</b>- Indicates that the recommended holding time for the analyte or compound has been exceeded</p> <p><b>J</b>- Indicates a value between the method MDL and PQL and that the reported concentration should be considered as estimated rather the quantitative</p> <p><b>NA</b> - Not Analyzed</p> <p><b>N/A</b> - Not Applicable</p> <p><b>ND</b> - Not Detected at a concentration greater than the PQL/RL or, if reported to the MDL, at greater than the MDL.</p> <p><b>NR</b> - Not recoverable - a matrix spike concentration is not recoverable due to a concentration within the original sample that is greater than four times the spike concentration added</p> <p><b>R</b>- The % RPD between a duplicate set of samples is outside of the absolute values established by laboratory control charts</p> <p><b>S</b>- Spike recovery is outside of established method and/or laboratory control limits. Further explanation of the use of this qualifier should be included within a case narrative</p> <p><b>X</b> -Used to indicate that a value based on pattern identification is within the pattern range but not typical of the pattern found in standards. Further explanation may or may not be provided within the sample footnote and/or the case narrative.</p>
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## Sample Receipt Checklist

Client Name: Cornerstone Earth Group

Project Name: 95 S. Almaden Soil Profiling

Work Order No.: 1909254

Date and Time Received: 9/28/2019 4:40:00PM

Received By: Katherene Evans

Physically Logged By: Katherene Evans

Checklist Completed By: Katherene Evans

Carrier Name: Client Drop Off

### Chain of Custody (COC) Information

Chain of custody present? Yes  
Chain of custody signed when relinquished and received? Yes  
Chain of custody agrees with sample labels? Yes  
Custody seals intact on sample bottles? Not Present

### Sample Receipt Information

Custody seals intact on shipping container/cooler? Not Present  
Shipping Container/Cooler In Good Condition? Yes  
Samples in proper container/bottle? Yes  
Samples containers intact? Yes  
Sufficient sample volume for indicated test? Yes

### Sample Preservation and Hold Time (HT) Information

All samples received within holding time? Yes  
Container/Temp Blank temperature in compliance? No Temperature: 8.0 °C  
Water-VOA vials have zero headspace? No VOA vials submitted  
Water-pH acceptable upon receipt? N/A  
pH Checked by: na pH Adjusted by: na

### Comments:

Samples transported to the lab on ice



## Login Summary Report

**Client ID:** TL5119 Cornerstone Earth Group  
**Project Name:** 95 S. Almaden Soil Profiling  
**Project # :** 510-29-2  
**Report Due Date:** 10/25/2019

**QC Level:** II  
**TAT Requested:** 3 Day Std:3  
**Date Received:** 9/28/2019  
**Time Received:** 4:40 pm

**Comments:**

**Work Order # :** 1909254

<u>WO Sample ID</u>	<u>Client Sample ID</u>	<u>Collection Date/Time</u>	<u>Matrix</u>	<u>Scheduled Disposal</u>	<u>Sample On Hold</u>	<u>Test On Hold</u>	<u>Requested Tests</u>	<u>Subbed</u>
1909254-001A	EB-1(0-0.5)	09/28/19 14:19	Soil	03/26/20			Hg_S_7471B Met_S_CAM17STLC PMOIST TPHDO_S_8015(Mod ) SVO_S_8270CFull Pest_S_8081OCP PCBs_S_8082A PAHSIM_S_8270 C Met_S_6010B CAM17	
<b>Sample Note:</b>	PAHs by SIM, other 8270 compounds non-SIM							
1909254-001B	EB-1(0-0.5)	09/28/19 14:19	Soil	03/26/20			EN_VOC_8260B VOC_S_GRO	
<b>Sample Note:</b>	Encores							
1909254-002A	EB-1(0.5-1)	09/28/19 14:34	Soil	03/26/20			Hg_S_7471B Met_S_CAM17TCLP Met_S_CAM17STLC PMOIST TPHDO_S_8015(Mod ) SVO_S_8270CFull Pest_S_8081OCP PCBs_S_8082A PAHSIM_S_8270 C Met_S_6010B CAM17	
1909254-002B	EB-1(0.5-1)	09/28/19 14:34	Soil	03/26/20			EN_VOC_8260B VOC_S_GRO	
1909254-003A	EB-1(3-3.5)	09/28/19 14:37	Soil	03/26/20			Hg_S_7471B Met_S_CAM17STLC PMOIST TPHDO_S_8015(Mod )	



## Login Summary Report

**Client ID:** TL5119      Cornerstone Earth Group  
**Project Name:** 95 S. Almaden Soil Profiling  
**Project # :** 510-29-2  
**Report Due Date:** 10/25/2019

**QC Level:** II  
**TAT Requested:** 3 Day Std:3  
**Date Received:** 9/28/2019  
**Time Received:** 4:40 pm

**Comments:**

**Work Order # :** 1909254

<u>WO Sample ID</u>	<u>Client Sample ID</u>	<u>Collection Date/Time</u>	<u>Matrix</u>	<u>Scheduled Disposal</u>	<u>Sample On Hold</u>	<u>Test On Hold</u>	<u>Requested Tests</u>	<u>Subbed</u>
1909254-003B	EB-1(3-3.5)	09/28/19 14:37	Soil	03/26/20			SVO_S_8270CFull Pest_S_8081OCP PCBs_S_8082A PAHSIM_S_8270 C Met_S_6010B CAM17	
1909254-004A	EB-1(4.5-5)	09/28/19 14:39	Soil	03/26/20			EN_VOC_8260B VOC_S_GRO	
1909254-004B	EB-1(4.5-5)	09/28/19 14:39	Soil	03/26/20			Hg_S_7471B Met_S_CAM17STLC PMOIST TPHDO_S_8015(Mod ) SVO_S_8270CFull Pest_S_8081OCP PCBs_S_8082A PAHSIM_S_8270 C Met_S_6010B CAM17	
1909254-005A	EB-1(9-9.5)	09/28/19 14:55	Soil	03/26/20			EN_VOC_8260B VOC_S_GRO	
1909254-005B	EB-1(9-9.5)	09/28/19 14:55	Soil	03/26/20			Hg_S_7471B Met_S_CAM17STLC PMOIST TPHDO_S_8015(Mod ) SVO_S_8270CFull Pest_S_8081OCP PCBs_S_8082A PAHSIM_S_8270 C Met_S_6010B CAM17	
1909254-006A	EB-1(14.5-15)	09/28/19 15:03	Soil	03/26/20			EN_VOC_8260B VOC_S_GRO	



## Login Summary Report

**Client ID:** TL5119      Cornerstone Earth Group  
**Project Name:** 95 S. Almaden Soil Profiling  
**Project # :** 510-29-2  
**Report Due Date:** 10/25/2019

**QC Level:** II  
**TAT Requested:** 3 Day Std:3  
**Date Received:** 9/28/2019  
**Time Received:** 4:40 pm

**Comments:**

**Work Order # :** **1909254**

<u>WO Sample ID</u>	<u>Client Sample ID</u>	<u>Collection Date/Time</u>	<u>Matrix</u>	<u>Scheduled Disposal</u>	<u>Sample On Hold</u>	<u>Test On Hold</u>	<u>Requested Tests</u>	<u>Subbed</u>
1909254-006B	EB-1(14.5-15)	09/28/19 15:03	Soil	03/26/20			Hold Samples	
1909254-007A	EB-1(19-19.5)	09/28/19 15:09	Soil	03/26/20			Hold Samples	
1909254-007B	EB-1(19-19.5)	09/28/19 15:09	Soil	03/26/20			Hold Samples	
1909254-008A	EB-1(24-24.5)	09/28/19 15:23	Soil	03/26/20			Hold Samples	
1909254-008B	EB-1(24-24.5)	09/28/19 15:23	Soil	03/26/20			Hg_S_7471B PMOIST TPHDO_S_8015(Mod ) Met_S_6010B CAM17	
1909254-009A	EB-1(29-29.5)	09/28/19 15:33	Soil	03/26/20			EN_VOC_8260B VOC_S_GRO	
1909254-009B	EB-1(29-29.5)	09/28/19 15:33	Soil	03/26/20			Hold Samples	
1909254-010A	EB-1(39-39.5)	09/28/19 16:01	Soil	03/26/20			Hold Samples	
1909254-010B	EB-1(39-39.5)	09/28/19 16:01	Soil	03/26/20			Hg_S_7471B Met_S_CAM17STLC PMOIST TPHDO_S_8015(Mod ) Met_S_6010B CAM17	
1909254-011A	EB-4(0-0.5)	09/28/19 8:49	Soil	03/26/20			EN_VOC_8260B VOC_S_GRO	
							Hg_S_7471B Met_S_CAM17STLC PMOIST TPHDO_S_8015(Mod ) SVO_S_8270CFull	



## Login Summary Report

**Client ID:** TL5119      Cornerstone Earth Group  
**Project Name:** 95 S. Almaden Soil Profiling  
**Project # :** 510-29-2  
**Report Due Date:** 10/25/2019

**QC Level:** II  
**TAT Requested:** 3 Day Std:3  
**Date Received:** 9/28/2019  
**Time Received:** 4:40 pm

**Comments:**

**Work Order # :** 1909254

<u>WO Sample ID</u>	<u>Client Sample ID</u>	<u>Collection Date/Time</u>	<u>Matrix</u>	<u>Scheduled Disposal</u>	<u>Sample On Hold</u>	<u>Test On Hold</u>	<u>Requested Tests</u>	<u>Subbed</u>
1909254-011B	EB-4(0-0.5)	09/28/19 8:49	Soil	03/26/20			Pest_S_8081OCP PCBs_S_8082A PAHSIM_S_8270 C Met_S_6010B CAM17	
1909254-012A	EB-4(0.5-1)	09/28/19 8:54	Soil	03/26/20			EN_VOC_8260B VOC_S_GRO	
1909254-012B	EB-4(0.5-1)	09/28/19 8:54	Soil	03/26/20			Hg_S_7471B Met_S_CAM17STLC PMOIST TPHDO_S_8015(Mod ) SVO_S_8270CFull Pest_S_8081OCP PCBs_S_8082A PAHSIM_S_8270 C Met_S_6010B CAM17	
1909254-013A	EB-4(3-3.5)	09/28/19 9:08	Soil	03/26/20			EN_VOC_8260B VOC_S_GRO	
1909254-013B	EB-4(3-3.5)	09/28/19 9:08	Soil	03/26/20			Hg_S_7471B Met_S_CAM17STLC PMOIST TPHDO_S_8015(Mod ) SVO_S_8270CFull Pest_S_8081OCP PCBs_S_8082A PAHSIM_S_8270 C Met_S_6010B CAM17	
1909254-014A	EB-4(5.5-6)	09/28/19 9:33	Soil	03/26/20			EN_VOC_8260B VOC_S_GRO  Hg_S_7471B	



## Login Summary Report

**Client ID:** TL5119 Cornerstone Earth Group  
**Project Name:** 95 S. Almaden Soil Profiling  
**Project # :** 510-29-2  
**Report Due Date:** 10/25/2019

**QC Level:** II  
**TAT Requested:** 3 Day Std:3  
**Date Received:** 9/28/2019  
**Time Received:** 4:40 pm

**Comments:**

**Work Order # :** 1909254

<u>WO Sample ID</u>	<u>Client Sample ID</u>	<u>Collection Date/Time</u>	<u>Matrix</u>	<u>Scheduled Disposal</u>	<u>Sample On Hold</u>	<u>Test On Hold</u>	<u>Requested Tests</u>	<u>Subbed</u>
1909254-014B	EB-4(5.5-6)	09/28/19 9:33	Soil	03/26/20			PMOIST TPHDO_S_8015(Mod ) SVO_S_8270CFull Pest_S_8081OCP PCBs_S_8082A PAHSIM_S_8270 C Met_S_6010B CAM17	
1909254-015A	EB-4(9-9.5)	09/28/19 9:51	Soil	03/26/20			EN_VOC_8260B VOC_S_GRO	
1909254-015B	EB-4(9-9.5)	09/28/19 9:51	Soil	03/26/20			Hg_S_7471B Met_S_CAM17STLC PMOIST TPHDO_S_8015(Mod ) SVO_S_8270CFull Pest_S_8081OCP PCBs_S_8082A PAHSIM_S_8270 C Met_S_6010B CAM17	
1909254-016A	EB-4(24-24.5)	09/28/19 10:06	Soil	03/26/20			EN_VOC_8260B VOC_S_GRO	
1909254-016B	EB-4(24-24.5)	09/28/19 10:06	Soil	03/26/20			Hg_S_7471B Met_S_6010B CAM17 TPHDO_S_8015(Mod ) PMOIST	
1909254-017A	EB-4(39-39.5)	09/28/19 10:36	Soil	03/26/20			EN_VOC_8260B VOC_S_GRO  Hg_S_7471B	

**Sample Note:** Only 2 encores avail for testing (the third rec'd empty)



### Login Summary Report

**Client ID:** TL5119      Cornerstone Earth Group  
**Project Name:** 95 S. Almaden Soil Profiling  
**Project # :** 510-29-2  
**Report Due Date:** 10/25/2019

**QC Level:** II  
**TAT Requested:** 3 Day Std:3  
**Date Received:** 9/28/2019  
**Time Received:** 4:40 pm

**Comments:**

**Work Order # :** 1909254

<u>WO Sample ID</u>	<u>Client Sample ID</u>	<u>Collection Date/Time</u>	<u>Matrix</u>	<u>Scheduled Disposal</u>	<u>Sample On Hold</u>	<u>Test On Hold</u>	<u>Requested Tests</u>	<u>Subbed</u>
1909254-017B	EB-4(39-39.5)	09/28/19 10:36	Soil	03/26/20			Met_S_CAM17STLC PMOIST TPHDO_S_8015(Mod ) Met_S_6010B CAM17  EN_VOC_8260B VOC_S_GRO	



### Chain of Custody Record

Project Manager: Ron Helm		Site Sampler: JMA		Date: 9/28/19		COC No: 1								
Cornerstone Earth Group, Inc.		Tel/Fax: 408-245-4600 ext. 101		Lab Contact: Kathie Evans		Lab: Torrent								
1259 Oakmead Pkwy		Analysis Turnaround Time		<input type="checkbox"/> 1 week <input checked="" type="checkbox"/> 3 days <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day		Laboratory's Job No.								
Sunnyvale, California 94085		TAT if different from Below				1909254								
(408) 245-4600 Phone														
(408) 245-4620 FAX														
Project Name: 95 S. Almaden Soil Profiling														
Site: 95 S. Almaden Ave., San Jose														
Project Number: 510-29-2						Laboratory's Sample Specific Notes:								
Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	CAM17 (EPA Test Method 6010B)	TPHd/TPHo (EPA Test Method 8015B)	VOCs/TPHig (EPA Test Method 8260B)	PCBs (EPA Test Method 8082)	OCF (EPA Test Method 8081)	SVOCs (EPA Test Method 8270C)	PAHs (EPA Test Method 8270S1M)	Hold
001A B EB-1 (0-0.5)	9/28/19	14:19	LINER/END	Soil	4		X	X	X	X	X	X	X	
002 EB-1 (0.5-1)		14:34					X	X	X	X	X	X	X	
003 EB-1 (3-3.5)		14:37					X	X	X	X	X	X	X	
004 EB-1 (4.5-5)		14:39					X	X	X	X	X	X	X	
005 EB-1 (9-9.5)		<del>14:55</del> 14:57					X	X	X	X	X	X	X	
004 EB-1 (14.5-15)		15:03												X
007 EB-1 (19-19.5)		15:09												X
008 EB-1 (24-24.5)		15:23					X	X	X					
009 EB-1 (29-29.5)		15:33												X
010 EB-1 (39-39.5)	↓	16:01	↓	↓	↓		X	X	X					
Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4= HNO3; 5= NaOH; 6= Other														
Possible Hazard Identification						Sample Disposal								
<input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown						<input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months								
Special Instructions/QC Requirements & Comments: If additional sample is needed, please use the liner. Please email results to Ron Helm (rhelm@cornerstoneearth.com), Nick Brettner (nbrettner@cornerstoneearth.com), Bryan Cervantes (bcervantes@cornerstoneearth.com), and Joelle Arakaki (jarakaki@cornerstoneearth.com).														
Relinquished by: <i>John Carl</i>	Company: Cornerstone Earth Group	Date/Time: 9/28/19/14:40	Received by: <i>Kathie Evans</i>	Company: <i>Torrent</i>	Date/Time: 9-28-19 16:40									
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:									
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:									

Samples rec'd on ice 8°C #2 Dloff





**CORNERSTONE EARTH GROUP**

**Chain of Custody Record**

Project Manager: Ron Helm		Site Sampler: JMA		Date: 9/28/19		COC No: 1	
Cornerstone Earth Group, Inc.		Tel/Fax: 408-245-4600 ext. 101		Lab Contact: Kathie Evans		Lab: Torrent	
1259 Oakmead Pkwy		Analysis Turnaround Time				2 of 2 COCs	
Sunnyvale, California 94085						Laboratory's Job No.	
(408) 245-4600 Phone		TAT if different from Below _____				1909254	
(408) 245-4620 FAX		<input type="checkbox"/> 1 week					
Project Name: 95 S. Almaden Soil Profiling		<input checked="" type="checkbox"/> 3 days					
Site: 95 S. Almaden Ave., San Jose		<input type="checkbox"/> 2 days					
Project Number: 510-29-2		<input type="checkbox"/> 1 day					
Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	
011 H/E EB-4 (0-0.5)	9/28/19	8:49	LINCOLN	SOIL	4	X	X
012 EB-4 (0.5-1)		8:54				X	X
013 EB-4 (3-3.5)		9:08				X	X
014 EB-4 (5.5-6)		9:33				X	X
015 EB-4 (9-9.5)		9:51				X	X
016 EB-4 (24-24.5)		10:06				X	X
017 EB-4 (39-39.5)		10:36				X	X
Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____							
Possible Hazard Identification				Sample Disposal			
<input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown				<input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months			
Special Instructions/QC Requirements & Comments: If additional sample is needed, please use the liner. Please email results to Ron Helm (rhelm@cornerstoneearth.com), Nick Brettner (nbrettner@cornerstoneearth.com), Bryan Cervantes (bcervantes@cornerstoneearth.com), and Joelle Arakaki (jarakaki@cornerstoneearth.com).							
Relinquished by: <i>[Signature]</i>	Company: Cornerstone Earth Group	Date/Time: 9/28/19 4:45	Received by: <i>[Signature]</i>	Company: Torrent	Date/Time: 9-28-19 16:40		
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:		
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:		

Sam. plus rec'd on ice 8°C #2 d/loff



**Change Order**

**Work Order:** 1909254

**Serial #:** CO19-0580

**Print Date:** 10/4/2019

**Project Name:** 95 S. Almaden Soil Profiling

**Client:** Cornerstone Earth Group

**Requested By:** Nick Brettner

	<u>Requested Date</u>	<u>Requested Time</u>	<u>Extended Price</u>
Analyze 001-005/008/010/011-017 for % moisture; 1 day TAT	10/4/2019		



**Change Order**

**Work Order:** 1909254

**Serial #:** CO19-0602

**Print Date:** 10/11/2019

**Project Name:** 95 S. Almaden Soil Profiling

**Client:** Cornerstone Earth Group

**Requested By:** Nick Brettner

	<u>Requested Date</u>	<u>Requested Time</u>	<u>Extended Price</u>
STLC Cr for 004/005/010/013/015/017; STD TAT	10/11/2019	11:45:00AM	



Cornerstone Earth Group  
1259 Oakmead Parkway  
Sunnyvale, California 94035  
Tel: (408) 245-4600  
Fax: (408) 245-4620  
RE: 95 S. Almaden Soil Profiling

Work Order No.: 1909260 Rev: 4

Dear Ron Helm:

Torrent Laboratory, Inc. received 14 sample(s) on September 30, 2019 for the analyses presented in the following Report.

All data for associated QC met EPA or laboratory specification(s) except where noted in the case narrative.

Torrent Laboratory, Inc. is certified by the State of California, ELAP #1991. If you have any questions regarding these test results, please feel free to contact the Project Management Team at (408)263-5258; ext 204.

A handwritten signature in blue ink that reads "Kathie Evans". The signature is written in a cursive style and is positioned above a horizontal line.

Kathie Evans  
Project Manager

October 18, 2019

Date

**Date:** 10/18/2019

---

**Client:** Cornerstone Earth Group  
**Project:** 95 S. Almaden Soil Profiling  
**Work Order:** 1909260

## CASE NARRATIVE

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Unless otherwise indicated in the following narrative, no issues encountered with the receiving, preparation, analysis or reporting of the results associated with this work order.

Unless otherwise indicated in the following narrative, no results have been method and/or field blank corrected.

Reported results relate only to the items/samples tested by the laboratory.

This report shall not be reproduced, except in full, without the written approval of Torrent Analytical, Inc.

Note: for 8260B/GCMS-GRO: Final result & MDL/PQL (Detection Limit/Reporting limit) have been corrected for actual mass removed from the Encore container.

### REVISIONS

Report revised to report data on a dry weight basis.

Rev. 1 (10/7/19)

Report revised to include STLC data.

### STLC

Note: Extraction of 50 g sample / 500g 0.2M Sodium Citrate Solution was performed according to wet extraction procedure (WET) which was rotated in a rotary shaker for 48 hours (+/- 4 hours).

Date Prepared: 10/8/19 at 5:15 PM to 10/10/19 at 1:50 PM

Rev. 2 (10/11/19)

Report revised to include additional requested STLC data.

### STLC

Note: Extraction of 50 g sample / 500g 0.2M Sodium Citrate Solution was performed according to wet extraction procedure (WET) which was rotated in a rotary shaker for 48 hours (+/- 4 hours).



Date Prepared: 10/14/19 at 11:45 AM to 10/16/19 at 9:30 AM

Rev. 3 (10/18/19)

Report revised to include TCLP data

TCLP

Note: Extraction of 100 g sample/2000 g TCLP Fluid #1 was performed according to Toxicity Characteristic Leaching Procedure (SW-846 1311 TCLP) which was rotated in a rotary shaker @ 32 RPM for 18 hours (+/- 2 hours).

Date Prepared: 10/23/19 at 5:30 PM to 10/24/19 at 10:10 AM

Rev. 4 (10/25/19)

DRAFT



## Sample Result Summary

Report prepared for: Ron Helm  
Cornerstone Earth Group

Date Received: 09/30/19

Date Reported: 10/18/19

EB-2(0.5-1) 1909260-001

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
Moisture, Percent	ASTM D2216-90	1	0.050	0.050	13.9	%
Dry Weight Factor	ASTM D2216-90	1	1	1	1.14	%
Arsenic	SW6010B	1	0.17	1.48	1.94	mg/Kg
Barium	SW6010B	1	0.063	5.70	79.2	mg/Kg
Chromium	SW6010B	1	0.086	5.70	271	mg/Kg
Cobalt	SW6010B	1	0.080	5.70	54.7	mg/Kg
Copper	SW6010B	1	0.23	5.70	24.6	mg/Kg
Lead	SW6010B	1	0.11	3.42	10.0	mg/Kg
Nickel	SW6010B	1	0.57	5.70	861	mg/Kg
Vanadium	SW6010B	1	0.11	5.70	34.5	mg/Kg
Zinc	SW6010B	1	0.34	5.70	43.3	mg/Kg
Chromium (STLC)	SW6010B	1	0.010	0.20	0.469	mg/L
Nickel (STLC)	SW6010B	1	0.010	0.20	6.28	mg/L
TPH as Motor Oil	SW8015B	2	73	230	1240	mg/Kg
2-Methylnaphthalene	SW8270C	5	3.5	63	4.1	ug/Kg
Benzo[a]anthracene	SW8270C	5	7.3	63	20	ug/Kg
Benzo[b]fluoranthene	SW8270C	5	3.9	63	6.5	ug/Kg
Benzo[k]fluoranthene	SW8270C	5	3.6	63	4.3	ug/Kg
Benzo[a]pyrene	SW8270C	5	4.5	63	11	ug/Kg
Indeno[1,2,3-cd]pyrene	SW8270C	5	3.5	63	8.2	ug/Kg
Dibenz[a,h]anthracene	SW8270C	5	4.3	63	8.7	ug/Kg
Benzo[g,h,i]perylene	SW8270C	5	4.3	63	34	ug/Kg



## Sample Result Summary

Report prepared for: Ron Helm  
Cornerstone Earth Group

Date Received: 09/30/19

Date Reported: 10/18/19

EB-2(1-1.5) 1909260-002

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
Moisture, Percent	ASTM D2216-90	1	0.050	0.050	15.7	%
Dry Weight Factor	ASTM D2216-90	1	1	1	1.16	%
Arsenic	SW6010B	1	0.17	1.51	11.6	mg/Kg
Barium	SW6010B	1	0.064	5.80	365	mg/Kg
Chromium	SW6010B	1	0.087	5.80	59.2	mg/Kg
Cobalt	SW6010B	1	0.081	5.80	14.8	mg/Kg
Copper	SW6010B	1	0.23	5.80	64.4	mg/Kg
Lead	SW6010B	1	0.12	3.48	288	mg/Kg
Nickel	SW6010B	1	0.58	5.80	111	mg/Kg
Vanadium	SW6010B	1	0.12	5.80	47.6	mg/Kg
Zinc	SW6010B	1	0.35	5.80	225	mg/Kg
Chromium (STLC)	SW6010B	1	0.010	0.20	0.281	mg/L
Lead (STLC)	SW6010B	1	0.050	0.20	10.2	mg/L
Mercury	SW7471B	1	0.097	0.58	0.76	mg/Kg
TPH as Diesel	SW8015B	2	3.9	9.3	17.4	mg/Kg
TPH as Motor Oil	SW8015B	2	15	46	201	mg/Kg
Naphthalene	SW8270C	2	1.2	9.1	2.8	ug/Kg
2-Methylnaphthalene	SW8270C	2	0.52	9.1	1.9	ug/Kg
1-Methylnaphthalene	SW8270C	2	0.42	9.1	1.1	ug/Kg
Acenaphthylene	SW8270C	2	0.43	9.1	0.56	ug/Kg
Phenanthrene	SW8270C	2	1.4	9.1	7.1	ug/Kg
Anthracene	SW8270C	2	1.2	9.1	2.1	ug/Kg
Fluoranthene	SW8270C	2	1.2	9.1	11	ug/Kg
Pyrene	SW8270C	2	1.3	9.1	14	ug/Kg
Benz[a]anthracene	SW8270C	2	1.1	9.1	15	ug/Kg
Chrysene	SW8270C	2	1.1	9.1	14	ug/Kg
Benzo[b]fluoranthene	SW8270C	2	0.56	9.1	18	ug/Kg
Benzo[k]fluoranthene	SW8270C	2	0.52	9.1	7.2	ug/Kg
Benzo[a]pyrene	SW8270C	2	0.65	9.1	16	ug/Kg
Indeno[1,2,3-cd]pyrene	SW8270C	2	0.51	9.1	13	ug/Kg
Dibenz[a,h]anthracene	SW8270C	2	0.63	9.1	3.1	ug/Kg
Benzo[g,h,i]perylene	SW8270C	2	0.62	9.1	12	ug/Kg





### Sample Result Summary

Report prepared for: Ron Helm  
Cornerstone Earth Group

Date Received: 09/30/19

Date Reported: 10/18/19

EB-2(3-3.5) 1909260-003

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
Moisture, Percent	ASTM D2216-90	1	0.050	0.050	15.8	%
Dry Weight Factor	ASTM D2216-90	1	1	1	1.16	%
Arsenic	SW6010B	1	0.17	1.51	6.73	mg/Kg
Barium	SW6010B	1	0.064	5.80	209	mg/Kg
Chromium	SW6010B	1	0.087	5.80	60.3	mg/Kg
Cobalt	SW6010B	1	0.081	5.80	15.0	mg/Kg
Copper	SW6010B	1	0.23	5.80	40.4	mg/Kg
Lead	SW6010B	1	0.12	3.48	14.8	mg/Kg
Nickel	SW6010B	1	0.58	5.80	99.2	mg/Kg
Vanadium	SW6010B	1	0.12	5.80	41.2	mg/Kg
Zinc	SW6010B	1	0.35	5.80	74.2	mg/Kg
TPH as Diesel	SW8015B	1	0.99	2.3	3.16	mg/Kg
TPH as Motor Oil	SW8015B	1	3.7	12	13.9	mg/Kg

EB-2(5.5-6) 1909260-004

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
Moisture, Percent	ASTM D2216-90	1	0.050	0.050	20.7	%
Dry Weight Factor	ASTM D2216-90	1	1	1	1.21	%
Arsenic	SW6010B	1	0.18	1.57	8.83	mg/Kg
Barium	SW6010B	1	0.067	6.05	220	mg/Kg
Chromium	SW6010B	1	0.091	6.05	65.9	mg/Kg
Cobalt	SW6010B	1	0.085	6.05	17.0	mg/Kg
Copper	SW6010B	1	0.24	6.05	46.1	mg/Kg
Lead	SW6010B	1	0.12	3.63	12.6	mg/Kg
Nickel	SW6010B	1	0.61	6.05	112	mg/Kg
Vanadium	SW6010B	1	0.12	6.05	45.6	mg/Kg
Zinc	SW6010B	1	0.36	6.05	78.7	mg/Kg



## Sample Result Summary

Report prepared for: Ron Helm  
Cornerstone Earth Group

Date Received: 09/30/19

Date Reported: 10/18/19

EB-2(9-9.5) 1909260-005

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
Moisture, Percent	ASTM D2216-90	1	0.050	0.050	6.48	%
Dry Weight Factor	ASTM D2216-90	1	1	1	1.06	%
Arsenic	SW6010B	1	0.16	1.38	24.3	mg/Kg
Barium	SW6010B	1	0.058	5.30	105	mg/Kg
Chromium	SW6010B	1	0.080	5.30	56.2	mg/Kg
Cobalt	SW6010B	1	0.074	5.30	11.7	mg/Kg
Copper	SW6010B	1	0.21	5.30	25.5	mg/Kg
Lead	SW6010B	1	0.11	3.18	7.84	mg/Kg
Nickel	SW6010B	1	0.53	5.30	92.2	mg/Kg
Vanadium	SW6010B	1	0.11	5.30	36.4	mg/Kg
Zinc	SW6010B	1	0.32	5.30	54.1	mg/Kg
TBA	SW8260B	1	14	61	151	ug/Kg

EB-2(24-24.5) 1909260-006

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
Moisture, Percent	ASTM D2216-90	1	0.050	0.050	16.3	%
Dry Weight Factor	ASTM D2216-90	1	1	1	1.16	%
Arsenic	SW6010B	1	0.17	1.51	18.5	mg/Kg
Barium	SW6010B	1	0.064	5.80	55.8	mg/Kg
Chromium	SW6010B	1	0.087	5.80	37.4	mg/Kg
Cobalt	SW6010B	1	0.081	5.80	9.86	mg/Kg
Copper	SW6010B	1	0.23	5.80	21.9	mg/Kg
Lead	SW6010B	1	0.12	3.48	4.70	mg/Kg
Nickel	SW6010B	1	0.58	5.80	59.7	mg/Kg
Vanadium	SW6010B	1	0.12	5.80	40.3	mg/Kg
Zinc	SW6010B	1	0.35	5.80	41.6	mg/Kg
TPH as Diesel	SW8015B	1	0.99	2.3	4.28	mg/Kg
TPH as Motor Oil	SW8015B	1	3.7	12	15.2	mg/Kg
TBA	SW8260B	1	14	60	163	ug/Kg



### Sample Result Summary

Report prepared for: Ron Helm  
Cornerstone Earth Group

Date Received: 09/30/19

Date Reported: 10/18/19

EB-2(39-39.5)

1909260-007

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
Moisture, Percent	ASTM D2216-90	1	0.050	0.050	30.0	%
Dry Weight Factor	ASTM D2216-90	1	1	1	1.30	%
Arsenic	SW6010B	1	0.20	1.69	2.85	mg/Kg
Barium	SW6010B	1	0.072	6.50	168	mg/Kg
Chromium	SW6010B	1	0.098	6.50	65.0	mg/Kg
Cobalt	SW6010B	1	0.091	6.50	17.8	mg/Kg
Copper	SW6010B	1	0.26	6.50	46.0	mg/Kg
Lead	SW6010B	1	0.13	3.90	13.1	mg/Kg
Nickel	SW6010B	1	0.65	6.50	90.4	mg/Kg
Vanadium	SW6010B	1	0.13	6.50	59.4	mg/Kg
Zinc	SW6010B	1	0.39	6.50	103	mg/Kg
Chromium (STLC)	SW6010B	1	0.010	0.20	0.315	mg/L
TPH as Diesel	SW8015B	1	1.1	2.6	10.8	mg/Kg
TPH as Motor Oil	SW8015B	1	4.1	13	24.2	mg/Kg



## Sample Result Summary

Report prepared for: Ron Helm  
Cornerstone Earth Group

Date Received: 09/30/19

Date Reported: 10/18/19

EB-3(0-0.5) 1909260-008

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
Moisture, Percent	ASTM D2216-90	1	0.050	0.050	12.5	%
Dry Weight Factor	ASTM D2216-90	1	1	1	1.13	%
Barium	SW6010B	1	0.062	5.65	51.8	mg/Kg
Chromium	SW6010B	1	0.085	5.65	242	mg/Kg
Cobalt	SW6010B	1	0.079	5.65	44.9	mg/Kg
Copper	SW6010B	1	0.23	5.65	19.7	mg/Kg
Lead	SW6010B	1	0.11	3.39	7.01	mg/Kg
Nickel	SW6010B	1	0.57	5.65	864	mg/Kg
Vanadium	SW6010B	1	0.11	5.65	34.1	mg/Kg
Zinc	SW6010B	1	0.34	5.65	37.6	mg/Kg
Chromium (STLC)	SW6010B	1	0.010	0.20	0.581	mg/L
Nickel (STLC)	SW6010B	1	0.010	0.20	6.86	mg/L
TPH as Diesel	SW8015B	3	29	68	116	mg/Kg
TPH as Motor Oil	SW8015B	3	110	340	2530	mg/Kg
4,4'-DDE	SW8081B	20	4.4	45	5.02	ug/Kg
Dieldrin	SW8081B	20	3.3	45	15.4	ug/Kg
4,4'-DDT	SW8081B	20	2.9	45	30.0	ug/Kg
Aroclor1260	SW8082A	1	41	110	603	ug/Kg
2-Methylnaphthalene	SW8270C	4	2.8	50	13	ug/Kg
1-Methylnaphthalene	SW8270C	4	2.3	50	3.5	ug/Kg
Phenanthrene	SW8270C	4	7.4	50	16	ug/Kg
Pyrene	SW8270C	4	6.9	50	24	ug/Kg
Benz[a]anthracene	SW8270C	4	5.8	50	20	ug/Kg
Chrysene	SW8270C	4	6.2	50	60	ug/Kg
Benzo[b]fluoranthene	SW8270C	4	3.1	50	17	ug/Kg
Benzo[k]fluoranthene	SW8270C	4	2.8	50	4.3	ug/Kg
Benzo[a]pyrene	SW8270C	4	3.6	50	17	ug/Kg
Indeno[1,2,3-cd]pyrene	SW8270C	4	2.8	50	8.9	ug/Kg
Dibenz[a,h]anthracene	SW8270C	4	3.4	50	11	ug/Kg
Benzo[g,h,i]perylene	SW8270C	4	3.4	50	51	ug/Kg



## Sample Result Summary

Report prepared for: Ron Helm  
Cornerstone Earth Group

Date Received: 09/30/19

Date Reported: 10/18/19

EB-3(0.5-1) 1909260-009

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
Moisture, Percent	ASTM D2216-90	1	0.050	0.050	19.3	%
Dry Weight Factor	ASTM D2216-90	1	1	1	1.19	%
Arsenic	SW6010B	1	0.18	1.55	4.03	mg/Kg
Barium	SW6010B	1	0.065	5.95	223	mg/Kg
Chromium	SW6010B	1	0.089	5.95	123	mg/Kg
Cobalt	SW6010B	1	0.083	5.95	29.2	mg/Kg
Copper	SW6010B	1	0.24	5.95	46.6	mg/Kg
Lead	SW6010B	1	0.12	3.57	158	mg/Kg
Nickel	SW6010B	1	0.60	5.95	426	mg/Kg
Vanadium	SW6010B	1	0.12	5.95	43.9	mg/Kg
Zinc	SW6010B	1	0.36	5.95	135	mg/Kg
Chromium (STLC)	SW6010B	1	0.010	0.20	0.299	mg/L
Lead (STLC)	SW6010B	1	0.050	0.20	17.7	mg/L
Nickel (STLC)	SW6010B	1	0.010	0.20	2.42	mg/L
TPH as Diesel	SW8015B	1	4.0	9.5	18.2	mg/Kg
TPH as Motor Oil	SW8015B	1	15	48	252	mg/Kg
gamma-Chlordane	SW8081B	10	1.9	24	3.50	ug/Kg
alpha-Chlordane	SW8081B	10	2.1	24	2.45	ug/Kg
4,4'-DDE	SW8081B	10	2.3	24	6.66	ug/Kg
Dieldrin	SW8081B	10	1.8	24	3.20	ug/Kg
4,4'-DDT	SW8081B	10	1.5	24	13.4	ug/Kg
Naphthalene	SW8270C	2	1.2	9.4	12	ug/Kg
2-Methylnaphthalene	SW8270C	2	0.53	9.4	11	ug/Kg
1-Methylnaphthalene	SW8270C	2	0.44	9.4	7.8	ug/Kg
Acenaphthylene	SW8270C	2	0.44	9.4	2.4	ug/Kg
Acenaphthene	SW8270C	2	0.39	9.4	4.9	ug/Kg
Fluorene	SW8270C	2	0.64	9.4	3.6	ug/Kg
Phenanthrene	SW8270C	2	1.4	9.4	41	ug/Kg
Anthracene	SW8270C	2	1.3	9.4	10	ug/Kg
Fluoranthene	SW8270C	2	1.3	9.4	56	ug/Kg
Pyrene	SW8270C	2	1.3	9.4	53	ug/Kg
Benz[a]anthracene	SW8270C	2	1.1	9.4	34	ug/Kg
Chrysene	SW8270C	2	1.2	9.4	40	ug/Kg
Benzo[b]fluoranthene	SW8270C	2	0.58	9.4	48	ug/Kg
Benzo[k]fluoranthene	SW8270C	2	0.54	9.4	17	ug/Kg
Benzo[a]pyrene	SW8270C	2	0.68	9.4	38	ug/Kg
Indeno[1,2,3-cd]pyrene	SW8270C	2	0.52	9.4	36	ug/Kg
Dibenz[a,h]anthracene	SW8270C	2	0.65	9.4	8.4	ug/Kg
Benzo[g,h,i]perylene	SW8270C	2	0.64	9.4	34	ug/Kg
Benzo(a)anthracene	SW8270C	2	23.3	343	46.0	ug/Kg
Bis(2-Ethylhexyl)phthalate	SW8270C	2	36.5	1710	41.5	ug/Kg



## Sample Result Summary

Report prepared for: Ron Helm  
Cornerstone Earth Group

Date Received: 09/30/19

Date Reported: 10/18/19

EB-3(3-3.5) 1909260-010

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
Moisture, Percent	ASTM D2216-90	1	0.050	0.050	20.6	%
Dry Weight Factor	ASTM D2216-90	1	1	1	1.21	%
Arsenic	SW6010B	1	0.18	1.56	10.5	mg/Kg
Barium	SW6010B	1	0.066	6.00	241	mg/Kg
Chromium	SW6010B	1	0.090	6.00	65.4	mg/Kg
Cobalt	SW6010B	1	0.084	6.00	15.8	mg/Kg
Copper	SW6010B	1	0.24	6.00	47.8	mg/Kg
Lead	SW6010B	1	0.12	3.60	148	mg/Kg
Nickel	SW6010B	1	0.60	6.00	112	mg/Kg
Vanadium	SW6010B	1	0.12	6.00	44.5	mg/Kg
Zinc	SW6010B	1	0.36	6.00	140	mg/Kg
Chromium (STLC)	SW6010B	1	0.010	0.20	0.252	mg/L
Lead (STLC)	SW6010B	1	0.050	0.20	16.4	mg/L
TPH as Diesel	SW8015B	1	1.0	2.4	7.76	mg/Kg
TPH as Motor Oil	SW8015B	1	3.8	12	70.9	mg/Kg
4,4'-DDE	SW8081B	10	2.3	24	7.73	ug/Kg
4,4'-DDT	SW8081B	10	1.5	24	5.74	ug/Kg
Phenanthrene	SW8270C	1	0.71	4.8	26	ug/Kg
Anthracene	SW8270C	1	0.64	4.8	6.1	ug/Kg
Fluoranthene	SW8270C	1	0.64	4.8	43	ug/Kg
Pyrene	SW8270C	1	0.66	4.8	40	ug/Kg
Benz[a]anthracene	SW8270C	1	0.56	4.8	24	ug/Kg
Chrysene	SW8270C	1	0.59	4.8	27	ug/Kg
Benzo[b]fluoranthene	SW8270C	1	0.29	4.8	35	ug/Kg
Benzo[k]fluoranthene	SW8270C	1	0.27	4.8	13	ug/Kg
Benzo[a]pyrene	SW8270C	1	0.34	4.8	25	ug/Kg
Indeno[1,2,3-cd]pyrene	SW8270C	1	0.26	4.8	24	ug/Kg
Dibenz[a,h]anthracene	SW8270C	1	0.33	4.8	5.2	ug/Kg
Benzo[g,h,i]perylene	SW8270C	1	0.32	4.8	19	ug/Kg



### Sample Result Summary

Report prepared for: Ron Helm  
Cornerstone Earth Group

Date Received: 09/30/19

Date Reported: 10/18/19

EB-3(5.5-6) 1909260-011

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
Moisture, Percent	ASTM D2216-90	1	0.050	0.050	13.0	%
Dry Weight Factor	ASTM D2216-90	1	1	1	1.13	%
Arsenic	SW6010B	1	0.17	1.47	8.19	mg/Kg
Barium	SW6010B	1	0.062	5.65	223	mg/Kg
Chromium	SW6010B	1	0.085	5.65	59.3	mg/Kg
Cobalt	SW6010B	1	0.079	5.65	14.7	mg/Kg
Copper	SW6010B	1	0.23	5.65	39.3	mg/Kg
Lead	SW6010B	1	0.11	3.39	11.4	mg/Kg
Nickel	SW6010B	1	0.57	5.65	102	mg/Kg
Vanadium	SW6010B	1	0.11	5.65	40.6	mg/Kg
Zinc	SW6010B	1	0.34	5.65	73.5	mg/Kg

EB-3(9-9.5) 1909260-012

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
Moisture, Percent	ASTM D2216-90	1	0.050	0.050	27.3	%
Dry Weight Factor	ASTM D2216-90	1	1	1	1.27	%
Arsenic	SW6010B	1	0.19	1.65	6.73	mg/Kg
Barium	SW6010B	1	0.070	6.35	271	mg/Kg
Chromium	SW6010B	1	0.095	6.35	68.6	mg/Kg
Cobalt	SW6010B	1	0.089	6.35	17.5	mg/Kg
Copper	SW6010B	1	0.25	6.35	52.3	mg/Kg
Lead	SW6010B	1	0.13	3.81	15.3	mg/Kg
Nickel	SW6010B	1	0.64	6.35	121	mg/Kg
Vanadium	SW6010B	1	0.13	6.35	54.5	mg/Kg
Zinc	SW6010B	1	0.38	6.35	81.3	mg/Kg



## Sample Result Summary

Report prepared for: Ron Helm  
Cornerstone Earth Group

Date Received: 09/30/19

Date Reported: 10/18/19

EB-3(24-24.5)

1909260-013

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
Moisture, Percent	ASTM D2216-90	1	0.050	0.050	25.2	%
Dry Weight Factor	ASTM D2216-90	1	1	1	1.25	%
Barium	SW6010B	1	0.069	6.25	126	mg/Kg
Chromium	SW6010B	1	0.094	6.25	71.3	mg/Kg
Cobalt	SW6010B	1	0.088	6.25	13.9	mg/Kg
Copper	SW6010B	1	0.25	6.25	36.3	mg/Kg
Lead	SW6010B	1	0.13	3.75	8.06	mg/Kg
Nickel	SW6010B	1	0.63	6.25	88.8	mg/Kg
Vanadium	SW6010B	1	0.13	6.25	56.2	mg/Kg
Zinc	SW6010B	1	0.38	6.25	70.6	mg/Kg
Chromium (STLC)	SW6010B	1	0.010	0.20	0.474	mg/L
TPH as Diesel	SW8015B	1	1.1	2.5	4.00	mg/Kg
TPH as Motor Oil	SW8015B	1	4.0	13	13.1	mg/Kg

EB-3(39-39.5)

1909260-014

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
Moisture, Percent	ASTM D2216-90	1	0.050	0.050	24.4	%
Dry Weight Factor	ASTM D2216-90	1	1	1	1.24	%
Arsenic	SW6010B	1	0.19	1.61	4.66	mg/Kg
Barium	SW6010B	1	0.068	6.20	92.4	mg/Kg
Chromium	SW6010B	1	0.093	6.20	51.1	mg/Kg
Cobalt	SW6010B	1	0.087	6.20	14.3	mg/Kg
Copper	SW6010B	1	0.25	6.20	29.1	mg/Kg
Lead	SW6010B	1	0.12	3.72	8.31	mg/Kg
Nickel	SW6010B	1	0.62	6.20	78.7	mg/Kg
Vanadium	SW6010B	1	0.12	6.20	45.0	mg/Kg
Zinc	SW6010B	1	0.37	6.20	67.0	mg/Kg





## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/30/19, 12:25 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-2(0.5-1)	<b>Lab Sample ID:</b>	1909260-001A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/29/19 / 7:47		
<b>SDG:</b>			

<b>Prep Method:</b> 7471BP	<b>Prep Batch Date/Time:</b> 10/1/19	6:00:00PM
<b>Prep Batch ID:</b> 1117066	<b>Prep Analyst:</b> IRNAZ	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Mercury	SW7471B	1	0.095	0.57	ND		mg/Kg	10/02/19	12:11	BJAY	442813



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/30/19, 12:25 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-2(0.5-1)	<b>Lab Sample ID:</b>	1909260-001A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/29/19 / 7:47		
<b>SDG:</b>			

<b>Prep Method:</b> 3050B	<b>Prep Batch Date/Time:</b> 10/1/19	5:50:00PM
<b>Prep Batch ID:</b> 1117065	<b>Prep Analyst:</b> IRNAZ	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Antimony	SW6010B	1	0.057	5.70	ND		mg/Kg	10/02/19	12:49	PPATEL	442820
Arsenic	SW6010B	1	0.17	1.48	<b>1.94</b>		mg/Kg	10/02/19	12:49	PPATEL	442820
Barium	SW6010B	1	0.063	5.70	<b>79.2</b>		mg/Kg	10/02/19	12:49	PPATEL	442820
Beryllium	SW6010B	1	0.063	5.70	ND		mg/Kg	10/02/19	12:49	PPATEL	442820
Cadmium	SW6010B	1	0.11	5.70	ND		mg/Kg	10/02/19	12:49	PPATEL	442820
Chromium	SW6010B	1	0.086	5.70	<b>271</b>		mg/Kg	10/02/19	12:49	PPATEL	442820
Cobalt	SW6010B	1	0.080	5.70	<b>54.7</b>		mg/Kg	10/02/19	12:49	PPATEL	442820
Copper	SW6010B	1	0.23	5.70	<b>24.6</b>		mg/Kg	10/02/19	12:49	PPATEL	442820
Lead	SW6010B	1	0.11	3.42	<b>10.0</b>		mg/Kg	10/02/19	12:49	PPATEL	442820
Molybdenum	SW6010B	1	0.057	5.70	ND		mg/Kg	10/02/19	12:49	PPATEL	442820
Nickel	SW6010B	1	0.57	5.70	<b>861</b>		mg/Kg	10/02/19	12:49	PPATEL	442820
Selenium	SW6010B	1	0.25	5.70	ND		mg/Kg	10/02/19	12:49	PPATEL	442820
Silver	SW6010B	1	0.17	5.70	ND		mg/Kg	10/02/19	12:49	PPATEL	442820
Thallium	SW6010B	1	0.63	5.70	ND		mg/Kg	10/02/19	12:49	PPATEL	442820
Vanadium	SW6010B	1	0.11	5.70	<b>34.5</b>		mg/Kg	10/02/19	12:49	PPATEL	442820
Zinc	SW6010B	1	0.34	5.70	<b>43.3</b>		mg/Kg	10/02/19	12:49	PPATEL	442820



### SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/30/19, 12:25 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-2(0.5-1)	<b>Lab Sample ID:</b>	1909260-001A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/29/19 / 7:47		
<b>SDG:</b>			

<b>Prep Method:</b> WET/3010B	<b>Prep Batch Date/Time:</b> 10/10/19	3:50:00PM
<b>Prep Batch ID:</b> 1117290	<b>Prep Analyst:</b> BJAY	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Chromium (STLC)	SW6010B	1	0.010	0.20	<b>0.469</b>		mg/L	10/10/19	19:25	PPATEL	443035
Nickel (STLC)	SW6010B	1	0.010	0.20	<b>6.28</b>		mg/L	10/10/19	19:25	PPATEL	443035



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/30/19, 12:25 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-2(0.5-1)	<b>Lab Sample ID:</b>	1909260-001A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/29/19 / 7:47		
<b>SDG:</b>			

<b>Prep Method:</b> 3546_PAHSIM	<b>Prep Batch Date/Time:</b> 10/1/19 10:26:00AM
<b>Prep Batch ID:</b> 1117039	<b>Prep Analyst:</b> SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
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*The results shown below are reported using their MDL.*

Naphthalene	SW8270C	5	8.1	63	ND		ug/Kg	10/01/19	18:04	MT	442817
2-Methylnaphthalene	SW8270C	5	3.5	63	<b>4.1</b>	J	ug/Kg	10/01/19	18:04	MT	442817
1-Methylnaphthalene	SW8270C	5	2.9	63	ND		ug/Kg	10/01/19	18:04	MT	442817
Acenaphthylene	SW8270C	5	2.9	63	ND		ug/Kg	10/01/19	18:04	MT	442817
Acenaphthene	SW8270C	5	2.6	63	ND		ug/Kg	10/01/19	18:04	MT	442817
Fluorene	SW8270C	5	4.3	63	ND		ug/Kg	10/01/19	18:04	MT	442817
Phenanthrene	SW8270C	5	9.4	63	ND		ug/Kg	10/01/19	18:04	MT	442817
Anthracene	SW8270C	5	8.4	63	ND		ug/Kg	10/01/19	18:04	MT	442817
Fluoranthene	SW8270C	5	8.4	63	ND		ug/Kg	10/01/19	18:04	MT	442817
Pyrene	SW8270C	5	8.7	63	ND		ug/Kg	10/01/19	18:04	MT	442817
Benz[a]anthracene	SW8270C	5	7.3	63	<b>20</b>	J	ug/Kg	10/01/19	18:04	MT	442817
Chrysene	SW8270C	5	7.8	63	ND		ug/Kg	10/01/19	18:04	MT	442817
Benzo[b]fluoranthene	SW8270C	5	3.9	63	<b>6.5</b>	J	ug/Kg	10/01/19	18:04	MT	442817
Benzo[k]fluoranthene	SW8270C	5	3.6	63	<b>4.3</b>	J	ug/Kg	10/01/19	18:04	MT	442817
Benzo[a]pyrene	SW8270C	5	4.5	63	<b>11</b>	J	ug/Kg	10/01/19	18:04	MT	442817
Indeno[1,2,3-cd]pyrene	SW8270C	5	3.5	63	<b>8.2</b>	J	ug/Kg	10/01/19	18:04	MT	442817
Dibenz[a,h]anthracene	SW8270C	5	4.3	63	<b>8.7</b>	J	ug/Kg	10/01/19	18:04	MT	442817
Benzo[g,h,i]perylene	SW8270C	5	4.3	63	<b>34</b>	J	ug/Kg	10/01/19	18:04	MT	442817
Acceptance Limits											
2-Fluorobiphenyl (S)	SW8270C		45 - 125		<b>0.00</b>	D	%	10/01/19	18:04	MT	442817
p-Terphenyl-d14 (S)	SW8270C		30 - 125		<b>0.00</b>	D	%	10/01/19	18:04	MT	442817

**NOTE:** Reporting limits raised due to nature of the matrix (extremely dark and viscous extract) and necessary dilution of the sample.



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/30/19, 12:25 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-2(0.5-1)	<b>Lab Sample ID:</b>	1909260-001A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/29/19 / 7:47		
<b>SDG:</b>			

<b>Prep Method:</b> 3546_PCB	<b>Prep Batch Date/Time:</b> 10/1/19 1:30:00PM
<b>Prep Batch ID:</b> 1117046	<b>Prep Analyst:</b> SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Aroclor1016	SW8082A	1	60	110	ND		ug/Kg	10/01/19	18:53	MK	442798
Aroclor1221	SW8082A	1	5.7	110	ND		ug/Kg	10/01/19	18:53	MK	442798
Aroclor1232	SW8082A	1	19	110	ND		ug/Kg	10/01/19	18:53	MK	442798
Aroclor1242	SW8082A	1	3.4	110	ND		ug/Kg	10/01/19	18:53	MK	442798
Aroclor1248	SW8082A	1	2.3	110	ND		ug/Kg	10/01/19	18:53	MK	442798
Aroclor1254	SW8082A	1	2.3	110	ND		ug/Kg	10/01/19	18:53	MK	442798
Aroclor1260	SW8082A	1	41	110	ND		ug/Kg	10/01/19	18:53	MK	442798
Acceptance Limits											
TCMX (S)	SW8082A		48 - 125		<b>93.0</b>		%	10/01/19	18:53	MK	442798
DCBP (S)	SW8082A		48 - 135		<b>83.0</b>		%	10/01/19	18:53	MK	442798



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/30/19, 12:25 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-2(0.5-1)	<b>Lab Sample ID:</b>	1909260-001A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/29/19 / 7:47		
<b>SDG:</b>			

<b>Prep Method:</b> 3546_OCP	<b>Prep Batch Date/Time:</b> 10/1/19 1:26:00PM
<b>Prep Batch ID:</b> 1117044	<b>Prep Analyst:</b> SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
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*The results shown below are reported using their MDL.*

alpha-BHC	SW8081B	20	2.9	46	ND		ug/Kg	10/01/19	23:51	MK	442844
gamma-BHC (Lindane)	SW8081B	20	3.6	46	ND		ug/Kg	10/01/19	23:51	MK	442844
beta-BHC	SW8081B	20	7.2	46	ND		ug/Kg	10/01/19	23:51	MK	442844
delta-BHC	SW8081B	20	3.5	46	ND		ug/Kg	10/01/19	23:51	MK	442844
Heptachlor	SW8081B	20	2.4	46	ND		ug/Kg	10/01/19	23:51	MK	442844
Aldrin	SW8081B	20	4.4	46	ND		ug/Kg	10/01/19	23:51	MK	442844
Heptachlor Epoxide	SW8081B	20	1.8	46	ND		ug/Kg	10/01/19	23:51	MK	442844
gamma-Chlordane	SW8081B	20	3.7	46	ND		ug/Kg	10/01/19	23:51	MK	442844
alpha-Chlordane	SW8081B	20	3.9	46	ND		ug/Kg	10/01/19	23:51	MK	442844
4,4'-DDE	SW8081B	20	4.4	46	ND		ug/Kg	10/01/19	23:51	MK	442844
Endosulfan I	SW8081B	20	4.2	46	ND		ug/Kg	10/01/19	23:51	MK	442844
Dieldrin	SW8081B	20	3.4	46	ND		ug/Kg	10/01/19	23:51	MK	442844
Endrin	SW8081B	20	4.3	46	ND		ug/Kg	10/01/19	23:51	MK	442844
4,4'-DDD	SW8081B	20	13	46	ND		ug/Kg	10/01/19	23:51	MK	442844
Endosulfan II	SW8081B	20	13	46	ND		ug/Kg	10/01/19	23:51	MK	442844
4,4'-DDT	SW8081B	20	2.9	46	ND		ug/Kg	10/01/19	23:51	MK	442844
Endrin Aldehyde	SW8081B	20	3.4	46	ND		ug/Kg	10/01/19	23:51	MK	442844
Methoxychlor	SW8081B	20	4.6	46	ND		ug/Kg	10/01/19	23:51	MK	442844
Endosulfan Sulfate	SW8081B	20	2.7	46	ND		ug/Kg	10/01/19	23:51	MK	442844
Endrin Ketone	SW8081B	20	2.1	46	ND		ug/Kg	10/01/19	23:51	MK	442844
Chlordane	SW8081B	20	48	460	ND		ug/Kg	10/01/19	23:51	MK	442844
Toxaphene	SW8081B	20	190	1100	ND		ug/Kg	10/01/19	23:51	MK	442844
Acceptance Limits											
TCMX (S)	SW8081B		48 - 125		0.000	D	%	10/01/19	23:51	MK	442844
DCBP (S)	SW8081B		38 - 135		0.000	D	%	10/01/19	23:51	MK	442844

**NOTE:** Sample diluted due to nature of the matrix (dark, viscous extract)



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/30/19, 12:25 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-2(0.5-1)	<b>Lab Sample ID:</b>	1909260-001A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/29/19 / 7:47		
<b>SDG:</b>			

<b>Prep Method:</b> % Water-P	<b>Prep Batch Date/Time:</b> 10/4/19	6:50:00PM
<b>Prep Batch ID:</b> 1117183	<b>Prep Analyst:</b> BJAY	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Moisture, Percent	ASTM D2216-90	1	0.050	0.050	13.9		%	10/05/19	12:50	BJAY	442909
Dry Weight Factor	ASTM D2216-90	1	1	1	1.14		-	10/05/19	12:50	BJAY	442909



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/30/19, 12:25 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-2(0.5-1)	<b>Lab Sample ID:</b>	1909260-001A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/29/19 / 7:47		
<b>SDG:</b>			

<b>Prep Method:</b> 3546_BNA	<b>Prep Batch Date/Time:</b> 10/1/19 10:24:00AM
<b>Prep Batch ID:</b> 1117038	<b>Prep Analyst:</b> SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
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*The results shown below are reported using their MDL.*

N-Nitrosodimethylamine	SW8270C	5	742	11400	ND		ug/Kg	10/03/19	11:51	MT	442802
Phenol	SW8270C	5	694	4560	ND		ug/Kg	10/03/19	11:51	MT	442802
Bis(2-chloroethyl)ether	SW8270C	5	210	2280	ND		ug/Kg	10/03/19	11:51	MT	442802
2-Chlorophenol	SW8270C	5	755	4560	ND		ug/Kg	10/03/19	11:51	MT	442802
1,3-Dichlorobenzene	SW8270C	5	208	2280	ND		ug/Kg	10/03/19	11:51	MT	442802
1,4-Dichlorobenzene	SW8270C	5	232	2280	ND		ug/Kg	10/03/19	11:51	MT	442802
Benzyl Alcohol	SW8270C	5	324	4560	ND		ug/Kg	10/03/19	11:51	MT	442802
1,2-Dichlorobenzene	SW8270C	5	214	2280	ND		ug/Kg	10/03/19	11:51	MT	442802
2-Methylphenol (o-Cresol)	SW8270C	5	465	4560	ND		ug/Kg	10/03/19	11:51	MT	442802
N-Methyl-2-Pyrrolidone (NMP)	SW8270C	5	1080	11400	ND		ug/Kg	10/03/19	11:51	MT	442802
3-/4-Methylphenol (p-/m-Cresol)	SW8270C	5	496	4560	ND		ug/Kg	10/03/19	11:51	MT	442802
N-nitroso-di-n-propylamine	SW8270C	5	208	2280	ND		ug/Kg	10/03/19	11:51	MT	442802
Hexachloroethane	SW8270C	5	270	2280	ND		ug/Kg	10/03/19	11:51	MT	442802
Nitrobenzene	SW8270C	5	203	2280	ND		ug/Kg	10/03/19	11:51	MT	442802
Isophorone	SW8270C	5	193	2280	ND		ug/Kg	10/03/19	11:51	MT	442802
2-Nitrophenol	SW8270C	5	402	4560	ND		ug/Kg	10/03/19	11:51	MT	442802
2,4-Dimethylphenol	SW8270C	5	361	4560	ND		ug/Kg	10/03/19	11:51	MT	442802
Benzoic Acid	SW8270C	5	660	4560	ND		ug/Kg	10/03/19	11:51	MT	442802
Bis(2-Chloroethoxy)methane	SW8270C	5	155	2280	ND		ug/Kg	10/03/19	11:51	MT	442802
Bis(2-chloroisopropyl)ether	SW8270C	5	199	2280	ND		ug/Kg	10/03/19	11:51	MT	442802
2,4-Dichlorophenol	SW8270C	5	622	4560	ND		ug/Kg	10/03/19	11:51	MT	442802
1,2,4-Trichlorobenzene	SW8270C	5	187	2280	ND		ug/Kg	10/03/19	11:51	MT	442802
2,6-Dichlorophenol	SW8270C	5	567	4560	ND		ug/Kg	10/03/19	11:51	MT	442802
Hexachloro-1,3-butadiene	SW8270C	5	132	2280	ND		ug/Kg	10/03/19	11:51	MT	442802
4-Chloro-3-methylphenol	SW8270C	5	535	4560	ND		ug/Kg	10/03/19	11:51	MT	442802
Hexachlorocyclopentadiene	SW8270C	5	205	2280	ND		ug/Kg	10/03/19	11:51	MT	442802
2,4,6-Trichlorophenol	SW8270C	5	569	4560	ND		ug/Kg	10/03/19	11:51	MT	442802
2,4,5-Trichlorophenol	SW8270C	5	529	4560	ND		ug/Kg	10/03/19	11:51	MT	442802
2-Chloronaphthalene	SW8270C	5	168	2280	ND		ug/Kg	10/03/19	11:51	MT	442802
1,4-Dinitrobenzene	SW8270C	5	163	2280	ND		ug/Kg	10/03/19	11:51	MT	442802
Dimethyl phthalate	SW8270C	5	224	11400	ND		ug/Kg	10/03/19	11:51	MT	442802
1,3-Dinitrobenzene	SW8270C	5	165	2280	ND		ug/Kg	10/03/19	11:51	MT	442802
2,6-Dinitrotoluene	SW8270C	5	179	2280	ND		ug/Kg	10/03/19	11:51	MT	442802
1,2-Dinitrobenzene	SW8270C	5	250	2280	ND		ug/Kg	10/03/19	11:51	MT	442802





## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/30/19, 12:25 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-2(0.5-1)	<b>Lab Sample ID:</b>	1909260-001A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/29/19 / 7:47		
<b>SDG:</b>			

<b>Prep Method:</b> 3546_BNA	<b>Prep Batch Date/Time:</b> 10/1/19 10:24:00AM
<b>Prep Batch ID:</b> 1117038	<b>Prep Analyst:</b> SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
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*The results shown below are reported using their MDL.*

2,4-Dinitrophenol	SW8270C	5	1230	11400	ND		ug/Kg	10/03/19	11:51	MT	442802
4-Nitrophenol	SW8270C	5	866	11400	ND		ug/Kg	10/03/19	11:51	MT	442802
Dibenzofuran	SW8270C	5	178	2280	ND		ug/Kg	10/03/19	11:51	MT	442802
2,4-Dinitrotoluene	SW8270C	5	191	2280	ND		ug/Kg	10/03/19	11:51	MT	442802
2,3,5,6-Tetrachlorophenol	SW8270C	5	437	4560	ND		ug/Kg	10/03/19	11:51	MT	442802
2,3,4,6-Tetrachlorophenol	SW8270C	5	498	4560	ND		ug/Kg	10/03/19	11:51	MT	442802
Diethylphthalate	SW8270C	5	216	11400	ND		ug/Kg	10/03/19	11:51	MT	442802
4-Chlorophenyl-phenylether	SW8270C	5	148	2280	ND		ug/Kg	10/03/19	11:51	MT	442802
4,6-Dinitro-2-methylphenol	SW8270C	5	212	4560	ND		ug/Kg	10/03/19	11:51	MT	442802
Diphenylamine	SW8270C	5	207	2280	ND		ug/Kg	10/03/19	11:51	MT	442802
4-Bromophenyl-phenylether	SW8270C	5	130	2280	ND		ug/Kg	10/03/19	11:51	MT	442802
Hexachlorobenzene	SW8270C	5	137	2280	ND		ug/Kg	10/03/19	11:51	MT	442802
Pentachlorophenol	SW8270C	5	396	4560	ND		ug/Kg	10/03/19	11:51	MT	442802
Carbazole	SW8270C	5	170	2280	ND		ug/Kg	10/03/19	11:51	MT	442802
Di-n-butylphthalate	SW8270C	5	214	2280	ND		ug/Kg	10/03/19	11:51	MT	442802
Benidine	SW8270C	5	2330	2280	ND		ug/Kg	10/03/19	11:51	MT	442802
Butylbenzylphthalate	SW8270C	5	333	11400	ND		ug/Kg	10/03/19	11:51	MT	442802
Benzo(a)anthracene	SW8270C	5	155	2280	ND		ug/Kg	10/03/19	11:51	MT	442802
3,3-Dichlorobenzidine	SW8270C	5	1860	2280	ND		ug/Kg	10/03/19	11:51	MT	442802
Bis(2-Ethylhexyl)phthalate	SW8270C	5	243	11400	ND		ug/Kg	10/03/19	11:51	MT	442802
Di-n-Octylphthalate	SW8270C	5	194	2280	ND		ug/Kg	10/03/19	11:51	MT	442802
Pyridine	SW8270C	5	693	11400	ND		ug/Kg	10/03/19	11:51	MT	442802

**Acceptance Limits**

2-Fluorophenol (S)	SW8270C		25 - 121		<b>0.000</b>	D	%	10/03/19	11:51	MT	442802
Phenol-d6 (S)	SW8270C		24 - 113		<b>0.000</b>	D	%	10/03/19	11:51	MT	442802
2,4,6-Tribromophenol (S)	SW8270C		19 - 122		<b>0.000</b>	D	%	10/03/19	11:51	MT	442802
2-Fluorobiphenyl (S)	SW8270C		45 - 143		<b>0.000</b>	D	%	10/03/19	11:51	MT	442802
Nitrobenzene-d5 (S)	SW8270C		23 - 120		<b>0.000</b>	D	%	10/03/19	11:51	MT	442802
Terphenyl-d14 (S)	SW8270C		18 - 137		<b>0.000</b>	D	%	10/03/19	11:51	MT	442802

**NOTE:** Reporting limits raised due to nature of the matrix (extremely dark and viscous extract) and necessary dilution of the sample.



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/30/19, 12:25 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-2(0.5-1)	<b>Lab Sample ID:</b>	1909260-001A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/29/19 / 7:47		
<b>SDG:</b>			

<b>Prep Method:</b> 3546_TPH	<b>Prep Batch Date/Time:</b> 10/2/19	10:33:00AM
<b>Prep Batch ID:</b> 1117074	<b>Prep Analyst:</b> MSAT	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel	SW8015B	2	19	46	ND		mg/Kg	10/02/19	21:00	MK	442815
TPH as Motor Oil	SW8015B	2	73	230	<b>1240</b>		mg/Kg	10/02/19	21:00	MK	442815
			Acceptance Limits								
Pentacosane (S)	SW8015B		59 - 129		<b>0.000</b>	D	%	10/02/19	21:00	MK	442815



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/30/19, 12:25 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-2(0.5-1)	<b>Lab Sample ID:</b>	1909260-001B
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/29/19 / 7:47		
<b>SDG:</b>			

<b>Prep Method:</b> 5035	<b>Prep Batch Date/Time:</b> 9/30/19 9:49:00AM
<b>Prep Batch ID:</b> 1117075	<b>Prep Analyst:</b> BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	SW8260B	1	1.5	12	ND		ug/Kg	09/30/19	17:31	BP	442800
Chloromethane	SW8260B	1	2.2	12	ND		ug/Kg	09/30/19	17:31	BP	442800
Vinyl Chloride	SW8260B	1	2.4	12	ND		ug/Kg	09/30/19	17:31	BP	442800
Bromomethane	SW8260B	1	3.2	12	ND		ug/Kg	09/30/19	17:31	BP	442800
Chloroethane	SW8260B	1	3.6	12	ND		ug/Kg	09/30/19	17:31	BP	442800
Trichlorofluoromethane	SW8260B	1	2.4	12	ND		ug/Kg	09/30/19	17:31	BP	442800
1,1-Dichloroethene	SW8260B	1	2.4	12	ND		ug/Kg	09/30/19	17:31	BP	442800
Freon 113	SW8260B	1	2.2	12	ND		ug/Kg	09/30/19	17:31	BP	442800
Methylene Chloride	SW8260B	1	8.4	12	ND		ug/Kg	09/30/19	17:31	BP	442800
trans-1,2-Dichloroethene	SW8260B	1	2.5	12	ND		ug/Kg	09/30/19	17:31	BP	442800
MTBE	SW8260B	1	2.8	12	ND		ug/Kg	09/30/19	17:31	BP	442800
TBA	SW8260B	1	14	59	ND		ug/Kg	09/30/19	17:31	BP	442800
Diisopropyl ether	SW8260B	1	2.7	12	ND		ug/Kg	09/30/19	17:31	BP	442800
1,1-Dichloroethane	SW8260B	1	2.6	12	ND		ug/Kg	09/30/19	17:31	BP	442800
Ethyl tert-Butyl ether	SW8260B	1	2.7	12	ND		ug/Kg	09/30/19	17:31	BP	442800
cis-1,2-Dichloroethene	SW8260B	1	2.6	12	ND		ug/Kg	09/30/19	17:31	BP	442800
2,2-Dichloropropane	SW8260B	1	2.3	12	ND		ug/Kg	09/30/19	17:31	BP	442800
Bromochloromethane	SW8260B	1	2.8	12	ND		ug/Kg	09/30/19	17:31	BP	442800
Chloroform	SW8260B	1	2.8	12	ND		ug/Kg	09/30/19	17:31	BP	442800
Carbon Tetrachloride	SW8260B	1	2.4	12	ND		ug/Kg	09/30/19	17:31	BP	442800
1,1,1-Trichloroethane	SW8260B	1	2.5	12	ND		ug/Kg	09/30/19	17:31	BP	442800
1,1-Dichloropropene	SW8260B	1	2.3	12	ND		ug/Kg	09/30/19	17:31	BP	442800
Benzene	SW8260B	1	2.6	12	ND		ug/Kg	09/30/19	17:31	BP	442800
TAME	SW8260B	1	2.7	12	ND		ug/Kg	09/30/19	17:31	BP	442800
1,2-Dichloroethane	SW8260B	1	2.8	12	ND		ug/Kg	09/30/19	17:31	BP	442800
Trichloroethylene	SW8260B	1	2.1	12	ND		ug/Kg	09/30/19	17:31	BP	442800
Dibromomethane	SW8260B	1	2.2	12	ND		ug/Kg	09/30/19	17:31	BP	442800
1,2-Dichloropropane	SW8260B	1	2.2	12	ND		ug/Kg	09/30/19	17:31	BP	442800
Bromodichloromethane	SW8260B	1	2.3	12	ND		ug/Kg	09/30/19	17:31	BP	442800
cis-1,3-Dichloropropene	SW8260B	1	1.9	12	ND		ug/Kg	09/30/19	17:31	BP	442800
Toluene	SW8260B	1	2.2	12	ND		ug/Kg	09/30/19	17:31	BP	442800
Tetrachloroethylene	SW8260B	1	2.0	12	ND		ug/Kg	09/30/19	17:31	BP	442800
trans-1,3-Dichloropropene	SW8260B	1	2.0	12	ND		ug/Kg	09/30/19	17:31	BP	442800
1,1,2-Trichloroethane	SW8260B	1	2.2	12	ND		ug/Kg	09/30/19	17:31	BP	442800
Dibromochloromethane	SW8260B	1	2.2	12	ND		ug/Kg	09/30/19	17:31	BP	442800



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/30/19, 12:25 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-2(0.5-1)	<b>Lab Sample ID:</b>	1909260-001B
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/29/19 / 7:47		
<b>SDG:</b>			

<b>Prep Method:</b> 5035	<b>Prep Batch Date/Time:</b> 9/30/19	9:49:00AM
<b>Prep Batch ID:</b> 1117075	<b>Prep Analyst:</b> BPATEL	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
1,3-Dichloropropane	SW8260B	1	2.2	12	ND		ug/Kg	09/30/19	17:31	BP	442800
1,2-Dibromoethane	SW8260B	1	2.1	12	ND		ug/Kg	09/30/19	17:31	BP	442800
Chlorobenzene	SW8260B	1	2.2	12	ND		ug/Kg	09/30/19	17:31	BP	442800
Ethylbenzene	SW8260B	1	2.0	12	ND		ug/Kg	09/30/19	17:31	BP	442800
1,1,1,2-Tetrachloroethane	SW8260B	1	2.3	12	ND		ug/Kg	09/30/19	17:31	BP	442800
m,p-Xylene	SW8260B	1	3.7	12	ND		ug/Kg	09/30/19	17:31	BP	442800
o-Xylene	SW8260B	1	2.0	12	ND		ug/Kg	09/30/19	17:31	BP	442800
Styrene	SW8260B	1	1.9	12	ND		ug/Kg	09/30/19	17:31	BP	442800
Bromoform	SW8260B	1	2.0	12	ND		ug/Kg	09/30/19	17:31	BP	442800
Isopropyl Benzene	SW8260B	1	1.9	12	ND		ug/Kg	09/30/19	17:31	BP	442800
n-Propylbenzene	SW8260B	1	1.9	12	ND		ug/Kg	09/30/19	17:31	BP	442800
Bromobenzene	SW8260B	1	2.1	12	ND		ug/Kg	09/30/19	17:31	BP	442800
1,1,2,2-Tetrachloroethane	SW8260B	1	2.3	12	ND		ug/Kg	09/30/19	17:31	BP	442800
2-Chlorotoluene	SW8260B	1	2.1	12	ND		ug/Kg	09/30/19	17:31	BP	442800
1,3,5-Trimethylbenzene	SW8260B	1	1.9	12	ND		ug/Kg	09/30/19	17:31	BP	442800
1,2,3-Trichloropropane	SW8260B	1	2.3	12	ND		ug/Kg	09/30/19	17:31	BP	442800
4-Chlorotoluene	SW8260B	1	2.0	12	ND		ug/Kg	09/30/19	17:31	BP	442800
tert-Butylbenzene	SW8260B	1	1.9	12	ND		ug/Kg	09/30/19	17:31	BP	442800
1,2,4-Trimethylbenzene	SW8260B	1	1.6	12	ND		ug/Kg	09/30/19	17:31	BP	442800
sec-Butyl Benzene	SW8260B	1	1.8	12	ND		ug/Kg	09/30/19	17:31	BP	442800
p-Isopropyltoluene	SW8260B	1	1.7	12	ND		ug/Kg	09/30/19	17:31	BP	442800
1,3-Dichlorobenzene	SW8260B	1	2.0	12	ND		ug/Kg	09/30/19	17:31	BP	442800
1,4-Dichlorobenzene	SW8260B	1	2.0	12	ND		ug/Kg	09/30/19	17:31	BP	442800
n-Butylbenzene	SW8260B	1	1.7	12	ND		ug/Kg	09/30/19	17:31	BP	442800
1,2-Dichlorobenzene	SW8260B	1	2.1	12	ND		ug/Kg	09/30/19	17:31	BP	442800
1,2-Dibromo-3-Chloropropane	SW8260B	1	2.2	12	ND		ug/Kg	09/30/19	17:31	BP	442800
Hexachlorobutadiene	SW8260B	1	1.6	12	ND		ug/Kg	09/30/19	17:31	BP	442800
1,2,4-Trichlorobenzene	SW8260B	1	1.8	12	ND		ug/Kg	09/30/19	17:31	BP	442800
Naphthalene	SW8260B	1	2.0	12	ND		ug/Kg	09/30/19	17:31	BP	442800
1,2,3-Trichlorobenzene	SW8260B	1	2.0	12	ND		ug/Kg	09/30/19	17:31	BP	442800
2-Butanone	SW8260B	1	2.7	12	ND		ug/Kg	09/30/19	17:31	BP	442800
(S) Dibromofluoromethane	SW8260B		59.8 - 148		<b>133</b>		%	09/30/19	17:31	BP	442800
(S) Toluene-d8	SW8260B		55.2 - 133		<b>119</b>		%	09/30/19	17:31	BP	442800
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		<b>110</b>		%	09/30/19	17:31	BP	442800



### SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/30/19, 12:25 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-2(0.5-1)	<b>Lab Sample ID:</b>	1909260-001B
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/29/19 / 7:47		
<b>SDG:</b>			

<b>Prep Method:</b> 5035GRO	<b>Prep Batch Date/Time:</b> 9/30/19	9:49:00AM
<b>Prep Batch ID:</b> 1117076	<b>Prep Analyst:</b> BPATEL	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH(Gasoline)	8260TPH	1	51	120	ND		ug/Kg	09/30/19	17:31	bp	442800
(S) 4-Bromofluorobenzene	8260TPH		43.9 - 127		<b>66.5</b>		%	09/30/19	17:31	bp	442800



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/30/19, 12:25 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-2(1-1.5)	<b>Lab Sample ID:</b>	1909260-002A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/29/19 / 7:55		
<b>SDG:</b>			

<b>Prep Method:</b> 7471BP	<b>Prep Batch Date/Time:</b> 10/1/19	6:00:00PM
<b>Prep Batch ID:</b> 1117066	<b>Prep Analyst:</b> IRNAZ	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Mercury	SW7471B	1	0.097	0.58	<b>0.76</b>		mg/Kg	10/02/19	12:13	BJAY	442813



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/30/19, 12:25 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-2(1-1.5)	<b>Lab Sample ID:</b>	1909260-002A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/29/19 / 7:55		
<b>SDG:</b>			

<b>Prep Method:</b> 3050B	<b>Prep Batch Date/Time:</b> 10/1/19	5:50:00PM
<b>Prep Batch ID:</b> 1117065	<b>Prep Analyst:</b> IRNAZ	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Antimony	SW6010B	1	0.058	5.80	ND		mg/Kg	10/02/19	12:52	PPATEL	442820
Arsenic	SW6010B	1	0.17	1.51	<b>11.6</b>		mg/Kg	10/02/19	12:52	PPATEL	442820
Barium	SW6010B	1	0.064	5.80	<b>365</b>		mg/Kg	10/02/19	12:52	PPATEL	442820
Beryllium	SW6010B	1	0.064	5.80	ND		mg/Kg	10/02/19	12:52	PPATEL	442820
Cadmium	SW6010B	1	0.12	5.80	ND		mg/Kg	10/02/19	12:52	PPATEL	442820
Chromium	SW6010B	1	0.087	5.80	<b>59.2</b>		mg/Kg	10/02/19	12:52	PPATEL	442820
Cobalt	SW6010B	1	0.081	5.80	<b>14.8</b>		mg/Kg	10/02/19	12:52	PPATEL	442820
Copper	SW6010B	1	0.23	5.80	<b>64.4</b>		mg/Kg	10/02/19	12:52	PPATEL	442820
Lead	SW6010B	1	0.12	3.48	<b>288</b>		mg/Kg	10/02/19	12:52	PPATEL	442820
Molybdenum	SW6010B	1	0.058	5.80	ND		mg/Kg	10/02/19	12:52	PPATEL	442820
Nickel	SW6010B	1	0.58	5.80	<b>111</b>		mg/Kg	10/02/19	12:52	PPATEL	442820
Selenium	SW6010B	1	0.26	5.80	ND		mg/Kg	10/02/19	12:52	PPATEL	442820
Silver	SW6010B	1	0.17	5.80	ND		mg/Kg	10/02/19	12:52	PPATEL	442820
Thallium	SW6010B	1	0.64	5.80	ND		mg/Kg	10/02/19	12:52	PPATEL	442820
Vanadium	SW6010B	1	0.12	5.80	<b>47.6</b>		mg/Kg	10/02/19	12:52	PPATEL	442820
Zinc	SW6010B	1	0.35	5.80	<b>225</b>		mg/Kg	10/02/19	12:52	PPATEL	442820



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/30/19, 12:25 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-2(1-1.5)	<b>Lab Sample ID:</b>	1909260-002A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/29/19 / 7:55		
<b>SDG:</b>			

<b>Prep Method:</b> WET/3010B	<b>Prep Batch Date/Time:</b> 10/10/19	3:50:00PM
<b>Prep Batch ID:</b> 1117290	<b>Prep Analyst:</b> BJAY	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Chromium (STLC)	SW6010B	1	0.010	0.20	<b>0.281</b>		mg/L	10/10/19	19:28	PPATEL	443035
Lead (STLC)	SW6010B	1	0.050	0.20	<b>10.2</b>		mg/L	10/10/19	19:28	PPATEL	443035





### SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/30/19, 12:25 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-2(1-1.5)	<b>Lab Sample ID:</b>	1909260-002A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/29/19 / 7:55		
<b>SDG:</b>			

<b>Prep Method:</b> 1311/3010B	<b>Prep Batch Date/Time:</b> 10/24/19	1:40:00PM
<b>Prep Batch ID:</b> 1117656	<b>Prep Analyst:</b> VTSUI	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Lead (TCLP)	SW6010B	1	0.050	0.20	ND		mg/L	10/24/19	19:34	PPATEL	443377



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/30/19, 12:25 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-2(1-1.5)	<b>Lab Sample ID:</b>	1909260-002A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/29/19 / 7:55		
<b>SDG:</b>			

<b>Prep Method:</b> 3546_PAHSIM	<b>Prep Batch Date/Time:</b> 10/1/19 10:26:00AM
<b>Prep Batch ID:</b> 1117039	<b>Prep Analyst:</b> SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
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*The results shown below are reported using their MDL.*

Naphthalene	SW8270C	2	1.2	9.1	<b>2.8</b>	J	ug/Kg	10/01/19	18:33	MT	442817
2-Methylnaphthalene	SW8270C	2	0.52	9.1	<b>1.9</b>	J	ug/Kg	10/01/19	18:33	MT	442817
1-Methylnaphthalene	SW8270C	2	0.42	9.1	<b>1.1</b>	J	ug/Kg	10/01/19	18:33	MT	442817
Acenaphthylene	SW8270C	2	0.43	9.1	<b>0.56</b>	J	ug/Kg	10/01/19	18:33	MT	442817
Acenaphthene	SW8270C	2	0.37	9.1	ND		ug/Kg	10/01/19	18:33	MT	442817
Fluorene	SW8270C	2	0.62	9.1	ND		ug/Kg	10/01/19	18:33	MT	442817
Phenanthrene	SW8270C	2	1.4	9.1	<b>7.1</b>	J	ug/Kg	10/01/19	18:33	MT	442817
Anthracene	SW8270C	2	1.2	9.1	<b>2.1</b>	J	ug/Kg	10/01/19	18:33	MT	442817
Fluoranthene	SW8270C	2	1.2	9.1	<b>11</b>		ug/Kg	10/01/19	18:33	MT	442817
Pyrene	SW8270C	2	1.3	9.1	<b>14</b>		ug/Kg	10/01/19	18:33	MT	442817
Benz[a]anthracene	SW8270C	2	1.1	9.1	<b>15</b>		ug/Kg	10/01/19	18:33	MT	442817
Chrysene	SW8270C	2	1.1	9.1	<b>14</b>		ug/Kg	10/01/19	18:33	MT	442817
Benzo[b]fluoranthene	SW8270C	2	0.56	9.1	<b>18</b>		ug/Kg	10/01/19	18:33	MT	442817
Benzo[k]fluoranthene	SW8270C	2	0.52	9.1	<b>7.2</b>	J	ug/Kg	10/01/19	18:33	MT	442817
Benzo[a]pyrene	SW8270C	2	0.65	9.1	<b>16</b>		ug/Kg	10/01/19	18:33	MT	442817
Indeno[1,2,3-cd]pyrene	SW8270C	2	0.51	9.1	<b>13</b>		ug/Kg	10/01/19	18:33	MT	442817
Dibenz[a,h]anthracene	SW8270C	2	0.63	9.1	<b>3.1</b>	J	ug/Kg	10/01/19	18:33	MT	442817
Benzo[g,h,i]perylene	SW8270C	2	0.62	9.1	<b>12</b>		ug/Kg	10/01/19	18:33	MT	442817
Acceptance Limits											
2-Fluorobiphenyl (S)	SW8270C		45 - 125		<b>72</b>		%	10/01/19	18:33	MT	442817
p-Terphenyl-d14 (S)	SW8270C		30 - 125		<b>76</b>		%	10/01/19	18:33	MT	442817

**NOTE:** Sample diluted due to nature of the matrix (dark, viscous extract)



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/30/19, 12:25 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-2(1-1.5)	<b>Lab Sample ID:</b>	1909260-002A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/29/19 / 7:55		
<b>SDG:</b>			

<b>Prep Method:</b> 3546_PCB	<b>Prep Batch Date/Time:</b> 10/1/19 1:30:00PM
<b>Prep Batch ID:</b> 1117046	<b>Prep Analyst:</b> SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Aroclor1016	SW8082A	1	61	120	ND		ug/Kg	10/01/19	19:07	MK	442798
Aroclor1221	SW8082A	1	5.8	120	ND		ug/Kg	10/01/19	19:07	MK	442798
Aroclor1232	SW8082A	1	20	120	ND		ug/Kg	10/01/19	19:07	MK	442798
Aroclor1242	SW8082A	1	3.5	120	ND		ug/Kg	10/01/19	19:07	MK	442798
Aroclor1248	SW8082A	1	2.3	120	ND		ug/Kg	10/01/19	19:07	MK	442798
Aroclor1254	SW8082A	1	2.3	120	ND		ug/Kg	10/01/19	19:07	MK	442798
Aroclor1260	SW8082A	1	41	120	ND		ug/Kg	10/01/19	19:07	MK	442798
Acceptance Limits											
TCMX (S)	SW8082A		48 - 125		<b>93.0</b>		%	10/01/19	19:07	MK	442798
DCBP (S)	SW8082A		48 - 135		<b>84.0</b>		%	10/01/19	19:07	MK	442798



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/30/19, 12:25 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-2(1-1.5)	<b>Lab Sample ID:</b>	1909260-002A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/29/19 / 7:55		
<b>SDG:</b>			

<b>Prep Method:</b> 3546_OCP	<b>Prep Batch Date/Time:</b> 10/1/19 1:26:00PM
<b>Prep Batch ID:</b> 1117044	<b>Prep Analyst:</b> SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
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*The results shown below are reported using their MDL.*

alpha-BHC	SW8081B	10	1.5	23	ND		ug/Kg	10/02/19	0:05	MK	442844
gamma-BHC (Lindane)	SW8081B	10	1.8	23	ND		ug/Kg	10/02/19	0:05	MK	442844
beta-BHC	SW8081B	10	3.6	23	ND		ug/Kg	10/02/19	0:05	MK	442844
delta-BHC	SW8081B	10	1.8	23	ND		ug/Kg	10/02/19	0:05	MK	442844
Heptachlor	SW8081B	10	1.2	23	ND		ug/Kg	10/02/19	0:05	MK	442844
Aldrin	SW8081B	10	2.2	23	ND		ug/Kg	10/02/19	0:05	MK	442844
Heptachlor Epoxide	SW8081B	10	0.90	23	ND		ug/Kg	10/02/19	0:05	MK	442844
gamma-Chlordane	SW8081B	10	1.9	23	ND		ug/Kg	10/02/19	0:05	MK	442844
alpha-Chlordane	SW8081B	10	2.0	23	ND		ug/Kg	10/02/19	0:05	MK	442844
4,4'-DDE	SW8081B	10	2.2	23	ND		ug/Kg	10/02/19	0:05	MK	442844
Endosulfan I	SW8081B	10	2.1	23	ND		ug/Kg	10/02/19	0:05	MK	442844
Dieldrin	SW8081B	10	1.7	23	ND		ug/Kg	10/02/19	0:05	MK	442844
Endrin	SW8081B	10	2.2	23	ND		ug/Kg	10/02/19	0:05	MK	442844
4,4'-DDD	SW8081B	10	6.5	23	ND		ug/Kg	10/02/19	0:05	MK	442844
Endosulfan II	SW8081B	10	6.6	23	ND		ug/Kg	10/02/19	0:05	MK	442844
4,4'-DDT	SW8081B	10	1.5	23	ND		ug/Kg	10/02/19	0:05	MK	442844
Endrin Aldehyde	SW8081B	10	1.7	23	ND		ug/Kg	10/02/19	0:05	MK	442844
Methoxychlor	SW8081B	10	2.3	23	ND		ug/Kg	10/02/19	0:05	MK	442844
Endosulfan Sulfate	SW8081B	10	1.3	23	ND		ug/Kg	10/02/19	0:05	MK	442844
Endrin Ketone	SW8081B	10	1.1	23	ND		ug/Kg	10/02/19	0:05	MK	442844
Chlordane	SW8081B	10	24	230	ND		ug/Kg	10/02/19	0:05	MK	442844
Toxaphene	SW8081B	10	98	580	ND		ug/Kg	10/02/19	0:05	MK	442844
Acceptance Limits											
TCMX (S)	SW8081B		48 - 125		<b>103</b>		%	10/02/19	0:05	MK	442844
DCBP (S)	SW8081B		38 - 135		<b>97.1</b>		%	10/02/19	0:05	MK	442844

**NOTE:** Sample diluted due to nature of the matrix (dark, viscous extract)



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/30/19, 12:25 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-2(1-1.5)	<b>Lab Sample ID:</b>	1909260-002A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/29/19 / 7:55		
<b>SDG:</b>			

<b>Prep Method:</b> % Water-P	<b>Prep Batch Date/Time:</b> 10/4/19	6:50:00PM
<b>Prep Batch ID:</b> 1117183	<b>Prep Analyst:</b> BJAY	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Moisture, Percent	ASTM D2216-90	1	0.050	0.050	15.7		%	10/05/19	12:50	BJAY	442909
Dry Weight Factor	ASTM D2216-90	1	1	1	1.16		-	10/05/19	12:50	BJAY	442909



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/30/19, 12:25 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-2(1-1.5)	<b>Lab Sample ID:</b>	1909260-002A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/29/19 / 7:55		
<b>SDG:</b>			

<b>Prep Method:</b> 3546_BNA	<b>Prep Batch Date/Time:</b> 10/1/19 10:24:00AM
<b>Prep Batch ID:</b> 1117038	<b>Prep Analyst:</b> SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
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*The results shown below are reported using their MDL.*

N-Nitrosodimethylamine	SW8270C	2	109	1670	ND		ug/Kg	10/03/19	12:21	MT	442802
Phenol	SW8270C	2	102	668	ND		ug/Kg	10/03/19	12:21	MT	442802
Bis(2-chloroethyl)ether	SW8270C	2	30.8	334	ND		ug/Kg	10/03/19	12:21	MT	442802
2-Chlorophenol	SW8270C	2	111	668	ND		ug/Kg	10/03/19	12:21	MT	442802
1,3-Dichlorobenzene	SW8270C	2	30.5	334	ND		ug/Kg	10/03/19	12:21	MT	442802
1,4-Dichlorobenzene	SW8270C	2	33.9	334	ND		ug/Kg	10/03/19	12:21	MT	442802
Benzyl Alcohol	SW8270C	2	47.5	668	ND		ug/Kg	10/03/19	12:21	MT	442802
1,2-Dichlorobenzene	SW8270C	2	31.3	334	ND		ug/Kg	10/03/19	12:21	MT	442802
2-Methylphenol (o-Cresol)	SW8270C	2	68.1	668	ND		ug/Kg	10/03/19	12:21	MT	442802
N-Methyl-2-Pyrrolidone (NMP)	SW8270C	2	158	1670	ND		ug/Kg	10/03/19	12:21	MT	442802
3-/4-Methylphenol (p-/m-Cresol)	SW8270C	2	72.7	668	ND		ug/Kg	10/03/19	12:21	MT	442802
N-nitroso-di-n-propylamine	SW8270C	2	30.5	334	ND		ug/Kg	10/03/19	12:21	MT	442802
Hexachloroethane	SW8270C	2	39.6	334	ND		ug/Kg	10/03/19	12:21	MT	442802
Nitrobenzene	SW8270C	2	29.8	334	ND		ug/Kg	10/03/19	12:21	MT	442802
Isophorone	SW8270C	2	28.2	334	ND		ug/Kg	10/03/19	12:21	MT	442802
2-Nitrophenol	SW8270C	2	58.9	668	ND		ug/Kg	10/03/19	12:21	MT	442802
2,4-Dimethylphenol	SW8270C	2	52.9	668	ND		ug/Kg	10/03/19	12:21	MT	442802
Benzoic Acid	SW8270C	2	96.8	668	ND		ug/Kg	10/03/19	12:21	MT	442802
Bis(2-Chloroethoxy)methane	SW8270C	2	22.7	334	ND		ug/Kg	10/03/19	12:21	MT	442802
Bis(2-chloroisopropyl)ether	SW8270C	2	29.2	334	ND		ug/Kg	10/03/19	12:21	MT	442802
2,4-Dichlorophenol	SW8270C	2	91.1	668	ND		ug/Kg	10/03/19	12:21	MT	442802
1,2,4-Trichlorobenzene	SW8270C	2	27.4	334	ND		ug/Kg	10/03/19	12:21	MT	442802
2,6-Dichlorophenol	SW8270C	2	83.0	668	ND		ug/Kg	10/03/19	12:21	MT	442802
Hexachloro-1,3-butadiene	SW8270C	2	19.3	334	ND		ug/Kg	10/03/19	12:21	MT	442802
4-Chloro-3-methylphenol	SW8270C	2	78.4	668	ND		ug/Kg	10/03/19	12:21	MT	442802
Hexachlorocyclopentadiene	SW8270C	2	30.0	334	ND		ug/Kg	10/03/19	12:21	MT	442802
2,4,6-Trichlorophenol	SW8270C	2	83.4	668	ND		ug/Kg	10/03/19	12:21	MT	442802
2,4,5-Trichlorophenol	SW8270C	2	77.5	668	ND		ug/Kg	10/03/19	12:21	MT	442802
2-Chloronaphthalene	SW8270C	2	24.6	334	ND		ug/Kg	10/03/19	12:21	MT	442802
1,4-Dinitrobenzene	SW8270C	2	23.9	334	ND		ug/Kg	10/03/19	12:21	MT	442802
Dimethyl phthalate	SW8270C	2	32.8	1670	ND		ug/Kg	10/03/19	12:21	MT	442802
1,3-Dinitrobenzene	SW8270C	2	24.1	334	ND		ug/Kg	10/03/19	12:21	MT	442802
2,6-Dinitrotoluene	SW8270C	2	26.2	334	ND		ug/Kg	10/03/19	12:21	MT	442802
1,2-Dinitrobenzene	SW8270C	2	36.6	334	ND		ug/Kg	10/03/19	12:21	MT	442802



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/30/19, 12:25 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-2(1-1.5)	<b>Lab Sample ID:</b>	1909260-002A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/29/19 / 7:55		
<b>SDG:</b>			

<b>Prep Method:</b> 3546_BNA	<b>Prep Batch Date/Time:</b> 10/1/19 10:24:00AM
<b>Prep Batch ID:</b> 1117038	<b>Prep Analyst:</b> SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
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*The results shown below are reported using their MDL.*

2,4-Dinitrophenol	SW8270C	2	180	1670	ND		ug/Kg	10/03/19	12:21	MT	442802
4-Nitrophenol	SW8270C	2	127	1670	ND		ug/Kg	10/03/19	12:21	MT	442802
Dibenzofuran	SW8270C	2	26.0	334	ND		ug/Kg	10/03/19	12:21	MT	442802
2,4-Dinitrotoluene	SW8270C	2	28.0	334	ND		ug/Kg	10/03/19	12:21	MT	442802
2,3,5,6-Tetrachlorophenol	SW8270C	2	64.0	668	ND		ug/Kg	10/03/19	12:21	MT	442802
2,3,4,6-Tetrachlorophenol	SW8270C	2	73.0	668	ND		ug/Kg	10/03/19	12:21	MT	442802
Diethylphthalate	SW8270C	2	31.6	1670	ND		ug/Kg	10/03/19	12:21	MT	442802
4-Chlorophenyl-phenylether	SW8270C	2	21.6	334	ND		ug/Kg	10/03/19	12:21	MT	442802
4,6-Dinitro-2-methylphenol	SW8270C	2	31.0	668	ND		ug/Kg	10/03/19	12:21	MT	442802
Diphenylamine	SW8270C	2	30.3	334	ND		ug/Kg	10/03/19	12:21	MT	442802
4-Bromophenyl-phenylether	SW8270C	2	19.1	334	ND		ug/Kg	10/03/19	12:21	MT	442802
Hexachlorobenzene	SW8270C	2	20.1	334	ND		ug/Kg	10/03/19	12:21	MT	442802
Pentachlorophenol	SW8270C	2	58.0	668	ND		ug/Kg	10/03/19	12:21	MT	442802
Carbazole	SW8270C	2	24.9	334	ND		ug/Kg	10/03/19	12:21	MT	442802
Di-n-butylphthalate	SW8270C	2	31.3	334	ND		ug/Kg	10/03/19	12:21	MT	442802
Benzidine	SW8270C	2	341	334	ND		ug/Kg	10/03/19	12:21	MT	442802
Butylbenzylphthalate	SW8270C	2	48.8	1670	ND		ug/Kg	10/03/19	12:21	MT	442802
Benzo(a)anthracene	SW8270C	2	22.7	334	ND		ug/Kg	10/03/19	12:21	MT	442802
3,3-Dichlorobenzidine	SW8270C	2	273	334	ND		ug/Kg	10/03/19	12:21	MT	442802
Bis(2-Ethylhexyl)phthalate	SW8270C	2	35.6	1670	ND		ug/Kg	10/03/19	12:21	MT	442802
Di-n-Octylphthalate	SW8270C	2	28.5	334	ND		ug/Kg	10/03/19	12:21	MT	442802
Pyridine	SW8270C	2	102	1670	ND		ug/Kg	10/03/19	12:21	MT	442802
Acceptance Limits											
2-Fluorophenol (S)	SW8270C		25 - 121		<b>72.3</b>		%	10/03/19	12:21	MT	442802
Phenol-d6 (S)	SW8270C		24 - 113		<b>75.2</b>		%	10/03/19	12:21	MT	442802
2,4,6-Tribromophenol (S)	SW8270C		19 - 122		<b>81.5</b>		%	10/03/19	12:21	MT	442802
2-Fluorobiphenyl (S)	SW8270C		45 - 143		<b>82.2</b>		%	10/03/19	12:21	MT	442802
Nitrobenzene-d5 (S)	SW8270C		23 - 120		<b>68.2</b>		%	10/03/19	12:21	MT	442802
Terphenyl-d14 (S)	SW8270C		18 - 137		<b>93.1</b>		%	10/03/19	12:21	MT	442802

**NOTE:** Sample diluted due to nature of the matrix (dark, viscous extract)



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/30/19, 12:25 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-2(1-1.5)	<b>Lab Sample ID:</b>	1909260-002A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/29/19 / 7:55		
<b>SDG:</b>			

<b>Prep Method:</b> 3546_TPH	<b>Prep Batch Date/Time:</b> 10/2/19	10:33:00AM
<b>Prep Batch ID:</b> 1117074	<b>Prep Analyst:</b> MSAT	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel	SW8015B	2	3.9	9.3	17.4	x	mg/Kg	10/02/19	21:24	MK	442815
TPH as Motor Oil	SW8015B	2	15	46	201		mg/Kg	10/02/19	21:24	MK	442815
Acceptance Limits											
Pentacosane (S)	SW8015B		59 - 129		89.0		%	10/02/19	21:24	MK	442815

**NOTE:** x-not typical of Diesel ref. std: peaks within Diesel range quantified as diesel





## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/30/19, 12:25 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-2(1-1.5)	<b>Lab Sample ID:</b>	1909260-002B
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/29/19 / 7:55		
<b>SDG:</b>			

<b>Prep Method:</b> 5035	<b>Prep Batch Date/Time:</b> 9/30/19 9:49:00AM
<b>Prep Batch ID:</b> 1117075	<b>Prep Analyst:</b> BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	SW8260B	1	1.4	11	ND		ug/Kg	09/30/19	18:00	BP	442800
Chloromethane	SW8260B	1	2.0	11	ND		ug/Kg	09/30/19	18:00	BP	442800
Vinyl Chloride	SW8260B	1	2.3	11	ND		ug/Kg	09/30/19	18:00	BP	442800
Bromomethane	SW8260B	1	3.0	11	ND		ug/Kg	09/30/19	18:00	BP	442800
Chloroethane	SW8260B	1	3.4	11	ND		ug/Kg	09/30/19	18:00	BP	442800
Trichlorofluoromethane	SW8260B	1	2.3	11	ND		ug/Kg	09/30/19	18:00	BP	442800
1,1-Dichloroethene	SW8260B	1	2.3	11	ND		ug/Kg	09/30/19	18:00	BP	442800
Freon 113	SW8260B	1	2.1	11	ND		ug/Kg	09/30/19	18:00	BP	442800
Methylene Chloride	SW8260B	1	8.0	11	ND		ug/Kg	09/30/19	18:00	BP	442800
trans-1,2-Dichloroethene	SW8260B	1	2.3	11	ND		ug/Kg	09/30/19	18:00	BP	442800
MTBE	SW8260B	1	2.6	11	ND		ug/Kg	09/30/19	18:00	BP	442800
TBA	SW8260B	1	13	56	ND		ug/Kg	09/30/19	18:00	BP	442800
Diisopropyl ether	SW8260B	1	2.6	11	ND		ug/Kg	09/30/19	18:00	BP	442800
1,1-Dichloroethane	SW8260B	1	2.5	11	ND		ug/Kg	09/30/19	18:00	BP	442800
Ethyl tert-Butyl ether	SW8260B	1	2.6	11	ND		ug/Kg	09/30/19	18:00	BP	442800
cis-1,2-Dichloroethene	SW8260B	1	2.5	11	ND		ug/Kg	09/30/19	18:00	BP	442800
2,2-Dichloropropane	SW8260B	1	2.2	11	ND		ug/Kg	09/30/19	18:00	BP	442800
Bromochloromethane	SW8260B	1	2.6	11	ND		ug/Kg	09/30/19	18:00	BP	442800
Chloroform	SW8260B	1	2.7	11	ND		ug/Kg	09/30/19	18:00	BP	442800
Carbon Tetrachloride	SW8260B	1	2.3	11	ND		ug/Kg	09/30/19	18:00	BP	442800
1,1,1-Trichloroethane	SW8260B	1	2.4	11	ND		ug/Kg	09/30/19	18:00	BP	442800
1,1-Dichloropropene	SW8260B	1	2.2	11	ND		ug/Kg	09/30/19	18:00	BP	442800
Benzene	SW8260B	1	2.5	11	ND		ug/Kg	09/30/19	18:00	BP	442800
TAME	SW8260B	1	2.5	11	ND		ug/Kg	09/30/19	18:00	BP	442800
1,2-Dichloroethane	SW8260B	1	2.6	11	ND		ug/Kg	09/30/19	18:00	BP	442800
Trichloroethylene	SW8260B	1	2.0	11	ND		ug/Kg	09/30/19	18:00	BP	442800
Dibromomethane	SW8260B	1	2.1	11	ND		ug/Kg	09/30/19	18:00	BP	442800
1,2-Dichloropropane	SW8260B	1	2.1	11	ND		ug/Kg	09/30/19	18:00	BP	442800
Bromodichloromethane	SW8260B	1	2.2	11	ND		ug/Kg	09/30/19	18:00	BP	442800
cis-1,3-Dichloropropene	SW8260B	1	1.8	11	ND		ug/Kg	09/30/19	18:00	BP	442800
Toluene	SW8260B	1	2.0	11	ND		ug/Kg	09/30/19	18:00	BP	442800
Tetrachloroethylene	SW8260B	1	1.9	11	ND		ug/Kg	09/30/19	18:00	BP	442800
trans-1,3-Dichloropropene	SW8260B	1	1.8	11	ND		ug/Kg	09/30/19	18:00	BP	442800
1,1,2-Trichloroethane	SW8260B	1	2.1	11	ND		ug/Kg	09/30/19	18:00	BP	442800
Dibromochloromethane	SW8260B	1	2.1	11	ND		ug/Kg	09/30/19	18:00	BP	442800



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/30/19, 12:25 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-2(1-1.5)	<b>Lab Sample ID:</b>	1909260-002B
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/29/19 / 7:55		
<b>SDG:</b>			

<b>Prep Method:</b> 5035	<b>Prep Batch Date/Time:</b> 9/30/19 9:49:00AM
<b>Prep Batch ID:</b> 1117075	<b>Prep Analyst:</b> BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
1,3-Dichloropropane	SW8260B	1	2.1	11	ND		ug/Kg	09/30/19	18:00	BP	442800
1,2-Dibromoethane	SW8260B	1	2.0	11	ND		ug/Kg	09/30/19	18:00	BP	442800
Chlorobenzene	SW8260B	1	2.0	11	ND		ug/Kg	09/30/19	18:00	BP	442800
Ethylbenzene	SW8260B	1	1.9	11	ND		ug/Kg	09/30/19	18:00	BP	442800
1,1,1,2-Tetrachloroethane	SW8260B	1	2.2	11	ND		ug/Kg	09/30/19	18:00	BP	442800
m,p-Xylene	SW8260B	1	3.5	11	ND		ug/Kg	09/30/19	18:00	BP	442800
o-Xylene	SW8260B	1	1.9	11	ND		ug/Kg	09/30/19	18:00	BP	442800
Styrene	SW8260B	1	1.8	11	ND		ug/Kg	09/30/19	18:00	BP	442800
Bromoforn	SW8260B	1	1.9	11	ND		ug/Kg	09/30/19	18:00	BP	442800
Isopropyl Benzene	SW8260B	1	1.8	11	ND		ug/Kg	09/30/19	18:00	BP	442800
n-Propylbenzene	SW8260B	1	1.8	11	ND		ug/Kg	09/30/19	18:00	BP	442800
Bromobenzene	SW8260B	1	2.0	11	ND		ug/Kg	09/30/19	18:00	BP	442800
1,1,2,2-Tetrachloroethane	SW8260B	1	2.2	11	ND		ug/Kg	09/30/19	18:00	BP	442800
2-Chlorotoluene	SW8260B	1	2.0	11	ND		ug/Kg	09/30/19	18:00	BP	442800
1,3,5-Trimethylbenzene	SW8260B	1	1.8	11	ND		ug/Kg	09/30/19	18:00	BP	442800
1,2,3-Trichloropropane	SW8260B	1	2.1	11	ND		ug/Kg	09/30/19	18:00	BP	442800
4-Chlorotoluene	SW8260B	1	1.8	11	ND		ug/Kg	09/30/19	18:00	BP	442800
tert-Butylbenzene	SW8260B	1	1.8	11	ND		ug/Kg	09/30/19	18:00	BP	442800
1,2,4-Trimethylbenzene	SW8260B	1	1.5	11	ND		ug/Kg	09/30/19	18:00	BP	442800
sec-Butyl Benzene	SW8260B	1	1.7	11	ND		ug/Kg	09/30/19	18:00	BP	442800
p-Isopropyltoluene	SW8260B	1	1.6	11	ND		ug/Kg	09/30/19	18:00	BP	442800
1,3-Dichlorobenzene	SW8260B	1	1.9	11	ND		ug/Kg	09/30/19	18:00	BP	442800
1,4-Dichlorobenzene	SW8260B	1	1.9	11	ND		ug/Kg	09/30/19	18:00	BP	442800
n-Butylbenzene	SW8260B	1	1.6	11	ND		ug/Kg	09/30/19	18:00	BP	442800
1,2-Dichlorobenzene	SW8260B	1	2.0	11	ND		ug/Kg	09/30/19	18:00	BP	442800
1,2-Dibromo-3-Chloropropane	SW8260B	1	2.1	11	ND		ug/Kg	09/30/19	18:00	BP	442800
Hexachlorobutadiene	SW8260B	1	1.5	11	ND		ug/Kg	09/30/19	18:00	BP	442800
1,2,4-Trichlorobenzene	SW8260B	1	1.7	11	ND		ug/Kg	09/30/19	18:00	BP	442800
Naphthalene	SW8260B	1	1.9	11	ND		ug/Kg	09/30/19	18:00	BP	442800
1,2,3-Trichlorobenzene	SW8260B	1	1.9	11	ND		ug/Kg	09/30/19	18:00	BP	442800
2-Butanone	SW8260B	1	2.6	11	ND		ug/Kg	09/30/19	18:00	BP	442800
(S) Dibromofluoromethane	SW8260B		59.8 - 148		<b>128</b>		%	09/30/19	18:00	BP	442800
(S) Toluene-d8	SW8260B		55.2 - 133		<b>116</b>		%	09/30/19	18:00	BP	442800
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		<b>107</b>		%	09/30/19	18:00	BP	442800



### SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/30/19, 12:25 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-2(1-1.5)	<b>Lab Sample ID:</b>	1909260-002B
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/29/19 / 7:55		
<b>SDG:</b>			

<b>Prep Method:</b> 5035GRO	<b>Prep Batch Date/Time:</b> 9/30/19	9:49:00AM
<b>Prep Batch ID:</b> 1117076	<b>Prep Analyst:</b> BPATEL	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH(Gasoline)	8260TPH	1	49	110	ND		ug/Kg	09/30/19	18:00	bp	442800
(S) 4-Bromofluorobenzene	8260TPH		43.9 - 127		<b>68.6</b>		%	09/30/19	18:00	bp	442800



### SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/30/19, 12:25 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-2(3-3.5)	<b>Lab Sample ID:</b>	1909260-003A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/29/19 / 8:38		
<b>SDG:</b>			

<b>Prep Method:</b> 7471BP	<b>Prep Batch Date/Time:</b> 10/1/19	6:00:00PM
<b>Prep Batch ID:</b> 1117066	<b>Prep Analyst:</b> IRNAZ	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Mercury	SW7471B	1	0.097	0.58	ND		mg/Kg	10/02/19	12:15	BJAY	442813



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/30/19, 12:25 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-2(3-3.5)	<b>Lab Sample ID:</b>	1909260-003A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/29/19 / 8:38		
<b>SDG:</b>			

<b>Prep Method:</b> 3050B	<b>Prep Batch Date/Time:</b> 10/1/19	5:50:00PM
<b>Prep Batch ID:</b> 1117065	<b>Prep Analyst:</b> IRNAZ	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Antimony	SW6010B	1	0.058	5.80	ND		mg/Kg	10/02/19	12:56	PPATEL	442820
Arsenic	SW6010B	1	0.17	1.51	<b>6.73</b>		mg/Kg	10/02/19	12:56	PPATEL	442820
Barium	SW6010B	1	0.064	5.80	<b>209</b>		mg/Kg	10/02/19	12:56	PPATEL	442820
Beryllium	SW6010B	1	0.064	5.80	ND		mg/Kg	10/02/19	12:56	PPATEL	442820
Cadmium	SW6010B	1	0.12	5.80	ND		mg/Kg	10/02/19	12:56	PPATEL	442820
Chromium	SW6010B	1	0.087	5.80	<b>60.3</b>		mg/Kg	10/02/19	12:56	PPATEL	442820
Cobalt	SW6010B	1	0.081	5.80	<b>15.0</b>		mg/Kg	10/02/19	12:56	PPATEL	442820
Copper	SW6010B	1	0.23	5.80	<b>40.4</b>		mg/Kg	10/02/19	12:56	PPATEL	442820
Lead	SW6010B	1	0.12	3.48	<b>14.8</b>		mg/Kg	10/02/19	12:56	PPATEL	442820
Molybdenum	SW6010B	1	0.058	5.80	ND		mg/Kg	10/02/19	12:56	PPATEL	442820
Nickel	SW6010B	1	0.58	5.80	<b>99.2</b>		mg/Kg	10/02/19	12:56	PPATEL	442820
Selenium	SW6010B	1	0.26	5.80	ND		mg/Kg	10/02/19	12:56	PPATEL	442820
Silver	SW6010B	1	0.17	5.80	ND		mg/Kg	10/02/19	12:56	PPATEL	442820
Thallium	SW6010B	1	0.64	5.80	ND		mg/Kg	10/02/19	12:56	PPATEL	442820
Vanadium	SW6010B	1	0.12	5.80	<b>41.2</b>		mg/Kg	10/02/19	12:56	PPATEL	442820
Zinc	SW6010B	1	0.35	5.80	<b>74.2</b>		mg/Kg	10/02/19	12:56	PPATEL	442820



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/30/19, 12:25 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-2(3-3.5)	<b>Lab Sample ID:</b>	1909260-003A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/29/19 / 8:38		
<b>SDG:</b>			

<b>Prep Method:</b> WET/3010B	<b>Prep Batch Date/Time:</b> 10/16/19	1:30:00PM
<b>Prep Batch ID:</b> 1117446	<b>Prep Analyst:</b> IRNAZ	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Chromium (STLC)	SW6010B	1	0.010	0.20	ND		mg/L	10/16/19	18:28	PPATEL	443175



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/30/19, 12:25 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-2(3-3.5)	<b>Lab Sample ID:</b>	1909260-003A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/29/19 / 8:38		
<b>SDG:</b>			

<b>Prep Method:</b> 3546_PAHSIM	<b>Prep Batch Date/Time:</b> 10/1/19 10:26:00AM
<b>Prep Batch ID:</b> 1117039	<b>Prep Analyst:</b> SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Naphthalene	SW8270C	1	0.59	4.6	ND		ug/Kg	10/01/19	19:02	MT	442817
2-Methylnaphthalene	SW8270C	1	0.26	4.6	ND		ug/Kg	10/01/19	19:02	MT	442817
1-Methylnaphthalene	SW8270C	1	0.21	4.6	ND		ug/Kg	10/01/19	19:02	MT	442817
Acenaphthylene	SW8270C	1	0.22	4.6	ND		ug/Kg	10/01/19	19:02	MT	442817
Acenaphthene	SW8270C	1	0.19	4.6	ND		ug/Kg	10/01/19	19:02	MT	442817
Fluorene	SW8270C	1	0.31	4.6	ND		ug/Kg	10/01/19	19:02	MT	442817
Phenanthrene	SW8270C	1	0.69	4.6	ND		ug/Kg	10/01/19	19:02	MT	442817
Anthracene	SW8270C	1	0.62	4.6	ND		ug/Kg	10/01/19	19:02	MT	442817
Fluoranthene	SW8270C	1	0.62	4.6	ND		ug/Kg	10/01/19	19:02	MT	442817
Pyrene	SW8270C	1	0.64	4.6	ND		ug/Kg	10/01/19	19:02	MT	442817
Benz[a]anthracene	SW8270C	1	0.54	4.6	ND		ug/Kg	10/01/19	19:02	MT	442817
Chrysene	SW8270C	1	0.57	4.6	ND		ug/Kg	10/01/19	19:02	MT	442817
Benzo[b]fluoranthene	SW8270C	1	0.28	4.6	ND		ug/Kg	10/01/19	19:02	MT	442817
Benzo[k]fluoranthene	SW8270C	1	0.26	4.6	ND		ug/Kg	10/01/19	19:02	MT	442817
Benzo[a]pyrene	SW8270C	1	0.33	4.6	ND		ug/Kg	10/01/19	19:02	MT	442817
Indeno[1,2,3-cd]pyrene	SW8270C	1	0.26	4.6	ND		ug/Kg	10/01/19	19:02	MT	442817
Dibenz[a,h]anthracene	SW8270C	1	0.32	4.6	ND		ug/Kg	10/01/19	19:02	MT	442817
Benzo[g,h,i]perylene	SW8270C	1	0.31	4.6	ND		ug/Kg	10/01/19	19:02	MT	442817
Acceptance Limits											
2-Fluorobiphenyl (S)	SW8270C		45 - 125		<b>66</b>		%	10/01/19	19:02	MT	442817
p-Terphenyl-d14 (S)	SW8270C		30 - 125		<b>80</b>		%	10/01/19	19:02	MT	442817



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/30/19, 12:25 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-2(3-3.5)	<b>Lab Sample ID:</b>	1909260-003A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/29/19 / 8:38		
<b>SDG:</b>			

<b>Prep Method:</b> 3546_PCB	<b>Prep Batch Date/Time:</b> 10/1/19 1:30:00PM
<b>Prep Batch ID:</b> 1117046	<b>Prep Analyst:</b> SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Aroclor1016	SW8082A	1	61	120	ND		ug/Kg	10/01/19	19:22	MK	442798
Aroclor1221	SW8082A	1	5.8	120	ND		ug/Kg	10/01/19	19:22	MK	442798
Aroclor1232	SW8082A	1	20	120	ND		ug/Kg	10/01/19	19:22	MK	442798
Aroclor1242	SW8082A	1	3.5	120	ND		ug/Kg	10/01/19	19:22	MK	442798
Aroclor1248	SW8082A	1	2.3	120	ND		ug/Kg	10/01/19	19:22	MK	442798
Aroclor1254	SW8082A	1	2.3	120	ND		ug/Kg	10/01/19	19:22	MK	442798
Aroclor1260	SW8082A	1	42	120	ND		ug/Kg	10/01/19	19:22	MK	442798
Acceptance Limits											
TCMX (S)	SW8082A		48 - 125		<b>90.0</b>		%	10/01/19	19:22	MK	442798
DCBP (S)	SW8082A		48 - 135		<b>78.0</b>		%	10/01/19	19:22	MK	442798





## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/30/19, 12:25 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-2(3-3.5)	<b>Lab Sample ID:</b>	1909260-003A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/29/19 / 8:38		
<b>SDG:</b>			

<b>Prep Method:</b> 3546_OCP	<b>Prep Batch Date/Time:</b> 10/1/19 1:26:00PM
<b>Prep Batch ID:</b> 1117044	<b>Prep Analyst:</b> SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
alpha-BHC	SW8081B	1	0.15	2.3	ND		ug/Kg	10/02/19	0:18	MK	442844
gamma-BHC (Lindane)	SW8081B	1	0.18	2.3	ND		ug/Kg	10/02/19	0:18	MK	442844
beta-BHC	SW8081B	1	0.37	2.3	ND		ug/Kg	10/02/19	0:18	MK	442844
delta-BHC	SW8081B	1	0.18	2.3	ND		ug/Kg	10/02/19	0:18	MK	442844
Heptachlor	SW8081B	1	0.12	2.3	ND		ug/Kg	10/02/19	0:18	MK	442844
Aldrin	SW8081B	1	0.23	2.3	ND		ug/Kg	10/02/19	0:18	MK	442844
Heptachlor Epoxide	SW8081B	1	0.090	2.3	ND		ug/Kg	10/02/19	0:18	MK	442844
gamma-Chlordane	SW8081B	1	0.19	2.3	ND		ug/Kg	10/02/19	0:18	MK	442844
alpha-Chlordane	SW8081B	1	0.20	2.3	ND		ug/Kg	10/02/19	0:18	MK	442844
4,4'-DDE	SW8081B	1	0.23	2.3	ND		ug/Kg	10/02/19	0:18	MK	442844
Endosulfan I	SW8081B	1	0.21	2.3	ND		ug/Kg	10/02/19	0:18	MK	442844
Dieldrin	SW8081B	1	0.17	2.3	ND		ug/Kg	10/02/19	0:18	MK	442844
Endrin	SW8081B	1	0.22	2.3	ND		ug/Kg	10/02/19	0:18	MK	442844
4,4'-DDD	SW8081B	1	0.66	2.3	ND		ug/Kg	10/02/19	0:18	MK	442844
Endosulfan II	SW8081B	1	0.67	2.3	ND		ug/Kg	10/02/19	0:18	MK	442844
4,4'-DDT	SW8081B	1	0.15	2.3	ND		ug/Kg	10/02/19	0:18	MK	442844
Endrin Aldehyde	SW8081B	1	0.18	2.3	ND		ug/Kg	10/02/19	0:18	MK	442844
Methoxychlor	SW8081B	1	0.23	2.3	ND		ug/Kg	10/02/19	0:18	MK	442844
Endosulfan Sulfate	SW8081B	1	0.14	2.3	ND		ug/Kg	10/02/19	0:18	MK	442844
Endrin Ketone	SW8081B	1	0.11	2.3	ND		ug/Kg	10/02/19	0:18	MK	442844
Chlordane	SW8081B	1	2.4	23	ND		ug/Kg	10/02/19	0:18	MK	442844
Toxaphene	SW8081B	1	9.9	58	ND		ug/Kg	10/02/19	0:18	MK	442844
Acceptance Limits											
TCMX (S)	SW8081B		48 - 125		<b>85.2</b>		%	10/02/19	0:18	MK	442844
DCBP (S)	SW8081B		38 - 135		<b>83.6</b>		%	10/02/19	0:18	MK	442844



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/30/19, 12:25 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-2(3-3.5)	<b>Lab Sample ID:</b>	1909260-003A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/29/19 / 8:38		
<b>SDG:</b>			

<b>Prep Method:</b> % Water-P	<b>Prep Batch Date/Time:</b> 10/4/19	6:50:00PM
<b>Prep Batch ID:</b> 1117183	<b>Prep Analyst:</b> BJAY	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Moisture, Percent	ASTM D2216-90	1	0.050	0.050	15.8		%	10/05/19	12:50	BJAY	442909
Dry Weight Factor	ASTM D2216-90	1	1	1	1.16		-	10/05/19	12:50	BJAY	442909



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/30/19, 12:25 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-2(3-3.5)	<b>Lab Sample ID:</b>	1909260-003A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/29/19 / 8:38		
<b>SDG:</b>			

<b>Prep Method:</b> 3546_BNA	<b>Prep Batch Date/Time:</b> 10/1/19 10:24:00AM
<b>Prep Batch ID:</b> 1117038	<b>Prep Analyst:</b> SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
N-Nitrosodimethylamine	SW8270C	1	54.4	835	ND		ug/Kg	10/03/19	12:51	MT	442802
Phenol	SW8270C	1	50.8	334	ND		ug/Kg	10/03/19	12:51	MT	442802
Bis(2-chloroethyl)ether	SW8270C	1	15.4	167	ND		ug/Kg	10/03/19	12:51	MT	442802
2-Chlorophenol	SW8270C	1	55.3	334	ND		ug/Kg	10/03/19	12:51	MT	442802
1,3-Dichlorobenzene	SW8270C	1	15.2	167	ND		ug/Kg	10/03/19	12:51	MT	442802
1,4-Dichlorobenzene	SW8270C	1	17.0	167	ND		ug/Kg	10/03/19	12:51	MT	442802
Benzyl Alcohol	SW8270C	1	23.7	334	ND		ug/Kg	10/03/19	12:51	MT	442802
1,2-Dichlorobenzene	SW8270C	1	15.7	167	ND		ug/Kg	10/03/19	12:51	MT	442802
2-Methylphenol (o-Cresol)	SW8270C	1	34.0	334	ND		ug/Kg	10/03/19	12:51	MT	442802
N-Methyl-2-Pyrrolidone (NMP)	SW8270C	1	78.9	835	ND		ug/Kg	10/03/19	12:51	MT	442802
3-/4-Methylphenol (p-/m-Cresol)	SW8270C	1	36.3	334	ND		ug/Kg	10/03/19	12:51	MT	442802
N-nitroso-di-n-propylamine	SW8270C	1	15.3	167	ND		ug/Kg	10/03/19	12:51	MT	442802
Hexachloroethane	SW8270C	1	19.8	167	ND		ug/Kg	10/03/19	12:51	MT	442802
Nitrobenzene	SW8270C	1	14.9	167	ND		ug/Kg	10/03/19	12:51	MT	442802
Isophorone	SW8270C	1	14.1	167	ND		ug/Kg	10/03/19	12:51	MT	442802
2-Nitrophenol	SW8270C	1	29.4	334	ND		ug/Kg	10/03/19	12:51	MT	442802
2,4-Dimethylphenol	SW8270C	1	26.5	334	ND		ug/Kg	10/03/19	12:51	MT	442802
Benzoic Acid	SW8270C	1	48.4	334	ND		ug/Kg	10/03/19	12:51	MT	442802
Bis(2-Chloroethoxy)methane	SW8270C	1	11.4	167	ND		ug/Kg	10/03/19	12:51	MT	442802
Bis(2-chloroisopropyl)ether	SW8270C	1	14.6	167	ND		ug/Kg	10/03/19	12:51	MT	442802
2,4-Dichlorophenol	SW8270C	1	45.6	334	ND		ug/Kg	10/03/19	12:51	MT	442802
1,2,4-Trichlorobenzene	SW8270C	1	13.7	167	ND		ug/Kg	10/03/19	12:51	MT	442802
2,6-Dichlorophenol	SW8270C	1	41.5	334	ND		ug/Kg	10/03/19	12:51	MT	442802
Hexachloro-1,3-butadiene	SW8270C	1	9.67	167	ND		ug/Kg	10/03/19	12:51	MT	442802
4-Chloro-3-methylphenol	SW8270C	1	39.2	334	ND		ug/Kg	10/03/19	12:51	MT	442802
Hexachlorocyclopentadiene	SW8270C	1	15.0	167	ND		ug/Kg	10/03/19	12:51	MT	442802
2,4,6-Trichlorophenol	SW8270C	1	41.7	334	ND		ug/Kg	10/03/19	12:51	MT	442802
2,4,5-Trichlorophenol	SW8270C	1	38.7	334	ND		ug/Kg	10/03/19	12:51	MT	442802
2-Chloronaphthalene	SW8270C	1	12.3	167	ND		ug/Kg	10/03/19	12:51	MT	442802
1,4-Dinitrobenzene	SW8270C	1	12.0	167	ND		ug/Kg	10/03/19	12:51	MT	442802
Dimethyl phthalate	SW8270C	1	16.4	835	ND		ug/Kg	10/03/19	12:51	MT	442802
1,3-Dinitrobenzene	SW8270C	1	12.1	167	ND		ug/Kg	10/03/19	12:51	MT	442802
2,6-Dinitrotoluene	SW8270C	1	13.1	167	ND		ug/Kg	10/03/19	12:51	MT	442802
1,2-Dinitrobenzene	SW8270C	1	18.3	167	ND		ug/Kg	10/03/19	12:51	MT	442802
2,4-Dinitrophenol	SW8270C	1	90.0	835	ND		ug/Kg	10/03/19	12:51	MT	442802



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/30/19, 12:25 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-2(3-3.5)	<b>Lab Sample ID:</b>	1909260-003A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/29/19 / 8:38		
<b>SDG:</b>			

<b>Prep Method:</b> 3546_BNA	<b>Prep Batch Date/Time:</b> 10/1/19 10:24:00AM
<b>Prep Batch ID:</b> 1117038	<b>Prep Analyst:</b> SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
4-Nitrophenol	SW8270C	1	63.5	835	ND		ug/Kg	10/03/19	12:51	MT	442802
Dibenzofuran	SW8270C	1	13.0	167	ND		ug/Kg	10/03/19	12:51	MT	442802
2,4-Dinitrotoluene	SW8270C	1	14.0	167	ND		ug/Kg	10/03/19	12:51	MT	442802
2,3,5,6-Tetrachlorophenol	SW8270C	1	32.0	334	ND		ug/Kg	10/03/19	12:51	MT	442802
2,3,4,6-Tetrachlorophenol	SW8270C	1	36.5	334	ND		ug/Kg	10/03/19	12:51	MT	442802
Diethylphthalate	SW8270C	1	15.8	835	ND		ug/Kg	10/03/19	12:51	MT	442802
4-Chlorophenyl-phenylether	SW8270C	1	10.8	167	ND		ug/Kg	10/03/19	12:51	MT	442802
4,6-Dinitro-2-methylphenol	SW8270C	1	15.5	334	ND		ug/Kg	10/03/19	12:51	MT	442802
Diphenylamine	SW8270C	1	15.1	167	ND		ug/Kg	10/03/19	12:51	MT	442802
4-Bromophenyl-phenylether	SW8270C	1	9.54	167	ND		ug/Kg	10/03/19	12:51	MT	442802
Hexachlorobenzene	SW8270C	1	10.0	167	ND		ug/Kg	10/03/19	12:51	MT	442802
Pentachlorophenol	SW8270C	1	29.0	334	ND		ug/Kg	10/03/19	12:51	MT	442802
Carbazole	SW8270C	1	12.5	167	ND		ug/Kg	10/03/19	12:51	MT	442802
Di-n-butylphthalate	SW8270C	1	15.7	167	ND		ug/Kg	10/03/19	12:51	MT	442802
Benzidine	SW8270C	1	170	167	ND		ug/Kg	10/03/19	12:51	MT	442802
Butylbenzylphthalate	SW8270C	1	24.4	835	ND		ug/Kg	10/03/19	12:51	MT	442802
Benzo(a)anthracene	SW8270C	1	11.4	167	ND		ug/Kg	10/03/19	12:51	MT	442802
3,3-Dichlorobenzidine	SW8270C	1	137	167	ND		ug/Kg	10/03/19	12:51	MT	442802
Bis(2-Ethylhexyl)phthalate	SW8270C	1	17.8	835	ND		ug/Kg	10/03/19	12:51	MT	442802
Di-n-Octylphthalate	SW8270C	1	14.2	167	ND		ug/Kg	10/03/19	12:51	MT	442802
Pyridine	SW8270C	1	50.8	835	ND		ug/Kg	10/03/19	12:51	MT	442802
Acceptance Limits											
2-Fluorophenol (S)	SW8270C		25 - 121		<b>61.6</b>		%	10/03/19	12:51	MT	442802
Phenol-d6 (S)	SW8270C		24 - 113		<b>69.7</b>		%	10/03/19	12:51	MT	442802
2,4,6-Tribromophenol (S)	SW8270C		19 - 122		<b>55.4</b>		%	10/03/19	12:51	MT	442802
2-Fluorobiphenyl (S)	SW8270C		45 - 143		<b>75.6</b>		%	10/03/19	12:51	MT	442802
Nitrobenzene-d5 (S)	SW8270C		23 - 120		<b>69.0</b>		%	10/03/19	12:51	MT	442802
Terphenyl-d14 (S)	SW8270C		18 - 137		<b>80.8</b>		%	10/03/19	12:51	MT	442802



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/30/19, 12:25 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-2(3-3.5)	<b>Lab Sample ID:</b>	1909260-003A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/29/19 / 8:38		
<b>SDG:</b>			

<b>Prep Method:</b> 3546_TPH	<b>Prep Batch Date/Time:</b> 10/2/19	10:33:00AM
<b>Prep Batch ID:</b> 1117074	<b>Prep Analyst:</b> MSAT	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel	SW8015B	1	0.99	2.3	<b>3.16</b>	x	mg/Kg	10/02/19	14:00	MK	442815
TPH as Motor Oil	SW8015B	1	3.7	12	<b>13.9</b>		mg/Kg	10/02/19	14:00	MK	442815
Acceptance Limits											
Pentacosane (S)	SW8015B		59 - 129		<b>77.6</b>		%	10/02/19	14:00	MK	442815

**NOTE:** x-not typical of Diesel ref. std: peaks within Diesel range quantified as diesel



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/30/19, 12:25 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-2(3-3.5)	<b>Lab Sample ID:</b>	1909260-003B
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/29/19 / 8:38		
<b>SDG:</b>			

<b>Prep Method:</b> 5035	<b>Prep Batch Date/Time:</b> 9/30/19 9:49:00AM
<b>Prep Batch ID:</b> 1117075	<b>Prep Analyst:</b> BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	SW8260B	1	1.2	9.6	ND		ug/Kg	09/30/19	18:29	BP	442800
Chloromethane	SW8260B	1	1.7	9.6	ND		ug/Kg	09/30/19	18:29	BP	442800
Vinyl Chloride	SW8260B	1	2.0	9.6	ND		ug/Kg	09/30/19	18:29	BP	442800
Bromomethane	SW8260B	1	2.6	9.6	ND		ug/Kg	09/30/19	18:29	BP	442800
Chloroethane	SW8260B	1	2.9	9.6	ND		ug/Kg	09/30/19	18:29	BP	442800
Trichlorofluoromethane	SW8260B	1	2.0	9.6	ND		ug/Kg	09/30/19	18:29	BP	442800
1,1-Dichloroethene	SW8260B	1	1.9	9.6	ND		ug/Kg	09/30/19	18:29	BP	442800
Freon 113	SW8260B	1	1.8	9.6	ND		ug/Kg	09/30/19	18:29	BP	442800
Methylene Chloride	SW8260B	1	6.8	9.6	ND		ug/Kg	09/30/19	18:29	BP	442800
trans-1,2-Dichloroethene	SW8260B	1	2.0	9.6	ND		ug/Kg	09/30/19	18:29	BP	442800
MTBE	SW8260B	1	2.2	9.6	ND		ug/Kg	09/30/19	18:29	BP	442800
TBA	SW8260B	1	11	48	ND		ug/Kg	09/30/19	18:29	BP	442800
Diisopropyl ether	SW8260B	1	2.2	9.6	ND		ug/Kg	09/30/19	18:29	BP	442800
1,1-Dichloroethane	SW8260B	1	2.1	9.6	ND		ug/Kg	09/30/19	18:29	BP	442800
Ethyl tert-Butyl ether	SW8260B	1	2.2	9.6	ND		ug/Kg	09/30/19	18:29	BP	442800
cis-1,2-Dichloroethene	SW8260B	1	2.1	9.6	ND		ug/Kg	09/30/19	18:29	BP	442800
2,2-Dichloropropane	SW8260B	1	1.8	9.6	ND		ug/Kg	09/30/19	18:29	BP	442800
Bromochloromethane	SW8260B	1	2.2	9.6	ND		ug/Kg	09/30/19	18:29	BP	442800
Chloroform	SW8260B	1	2.3	9.6	ND		ug/Kg	09/30/19	18:29	BP	442800
Carbon Tetrachloride	SW8260B	1	2.0	9.6	ND		ug/Kg	09/30/19	18:29	BP	442800
1,1,1-Trichloroethane	SW8260B	1	2.0	9.6	ND		ug/Kg	09/30/19	18:29	BP	442800
1,1-Dichloropropene	SW8260B	1	1.9	9.6	ND		ug/Kg	09/30/19	18:29	BP	442800
Benzene	SW8260B	1	2.1	9.6	ND		ug/Kg	09/30/19	18:29	BP	442800
TAME	SW8260B	1	2.2	9.6	ND		ug/Kg	09/30/19	18:29	BP	442800
1,2-Dichloroethane	SW8260B	1	2.2	9.6	ND		ug/Kg	09/30/19	18:29	BP	442800
Trichloroethylene	SW8260B	1	1.7	9.6	ND		ug/Kg	09/30/19	18:29	BP	442800
Dibromomethane	SW8260B	1	1.8	9.6	ND		ug/Kg	09/30/19	18:29	BP	442800
1,2-Dichloropropane	SW8260B	1	1.8	9.6	ND		ug/Kg	09/30/19	18:29	BP	442800
Bromodichloromethane	SW8260B	1	1.9	9.6	ND		ug/Kg	09/30/19	18:29	BP	442800
cis-1,3-Dichloropropene	SW8260B	1	1.5	9.6	ND		ug/Kg	09/30/19	18:29	BP	442800
Toluene	SW8260B	1	1.7	9.6	ND		ug/Kg	09/30/19	18:29	BP	442800
Tetrachloroethylene	SW8260B	1	1.6	9.6	ND		ug/Kg	09/30/19	18:29	BP	442800
trans-1,3-Dichloropropene	SW8260B	1	1.6	9.6	ND		ug/Kg	09/30/19	18:29	BP	442800
1,1,2-Trichloroethane	SW8260B	1	1.8	9.6	ND		ug/Kg	09/30/19	18:29	BP	442800
Dibromochloromethane	SW8260B	1	1.8	9.6	ND		ug/Kg	09/30/19	18:29	BP	442800



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/30/19, 12:25 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-2(3-3.5)	<b>Lab Sample ID:</b>	1909260-003B
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/29/19 / 8:38		
<b>SDG:</b>			

<b>Prep Method:</b> 5035	<b>Prep Batch Date/Time:</b> 9/30/19 9:49:00AM
<b>Prep Batch ID:</b> 1117075	<b>Prep Analyst:</b> BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
1,3-Dichloropropane	SW8260B	1	1.8	9.6	ND		ug/Kg	09/30/19	18:29	BP	442800
1,2-Dibromoethane	SW8260B	1	1.7	9.6	ND		ug/Kg	09/30/19	18:29	BP	442800
Chlorobenzene	SW8260B	1	1.7	9.6	ND		ug/Kg	09/30/19	18:29	BP	442800
Ethylbenzene	SW8260B	1	1.6	9.6	ND		ug/Kg	09/30/19	18:29	BP	442800
1,1,1,2-Tetrachloroethane	SW8260B	1	1.8	9.6	ND		ug/Kg	09/30/19	18:29	BP	442800
m,p-Xylene	SW8260B	1	3.0	9.6	ND		ug/Kg	09/30/19	18:29	BP	442800
o-Xylene	SW8260B	1	1.7	9.6	ND		ug/Kg	09/30/19	18:29	BP	442800
Styrene	SW8260B	1	1.6	9.6	ND		ug/Kg	09/30/19	18:29	BP	442800
Bromoform	SW8260B	1	1.6	9.6	ND		ug/Kg	09/30/19	18:29	BP	442800
Isopropyl Benzene	SW8260B	1	1.5	9.6	ND		ug/Kg	09/30/19	18:29	BP	442800
n-Propylbenzene	SW8260B	1	1.5	9.6	ND		ug/Kg	09/30/19	18:29	BP	442800
Bromobenzene	SW8260B	1	1.7	9.6	ND		ug/Kg	09/30/19	18:29	BP	442800
1,1,2,2-Tetrachloroethane	SW8260B	1	1.8	9.6	ND		ug/Kg	09/30/19	18:29	BP	442800
2-Chlorotoluene	SW8260B	1	1.7	9.6	ND		ug/Kg	09/30/19	18:29	BP	442800
1,3,5-Trimethylbenzene	SW8260B	1	1.5	9.6	ND		ug/Kg	09/30/19	18:29	BP	442800
1,2,3-Trichloropropane	SW8260B	1	1.8	9.6	ND		ug/Kg	09/30/19	18:29	BP	442800
4-Chlorotoluene	SW8260B	1	1.6	9.6	ND		ug/Kg	09/30/19	18:29	BP	442800
tert-Butylbenzene	SW8260B	1	1.6	9.6	ND		ug/Kg	09/30/19	18:29	BP	442800
1,2,4-Trimethylbenzene	SW8260B	1	1.3	9.6	ND		ug/Kg	09/30/19	18:29	BP	442800
sec-Butyl Benzene	SW8260B	1	1.5	9.6	ND		ug/Kg	09/30/19	18:29	BP	442800
p-Isopropyltoluene	SW8260B	1	1.4	9.6	ND		ug/Kg	09/30/19	18:29	BP	442800
1,3-Dichlorobenzene	SW8260B	1	1.6	9.6	ND		ug/Kg	09/30/19	18:29	BP	442800
1,4-Dichlorobenzene	SW8260B	1	1.6	9.6	ND		ug/Kg	09/30/19	18:29	BP	442800
n-Butylbenzene	SW8260B	1	1.4	9.6	ND		ug/Kg	09/30/19	18:29	BP	442800
1,2-Dichlorobenzene	SW8260B	1	1.7	9.6	ND		ug/Kg	09/30/19	18:29	BP	442800
1,2-Dibromo-3-Chloropropane	SW8260B	1	1.8	9.6	ND		ug/Kg	09/30/19	18:29	BP	442800
Hexachlorobutadiene	SW8260B	1	1.3	9.6	ND		ug/Kg	09/30/19	18:29	BP	442800
1,2,4-Trichlorobenzene	SW8260B	1	1.4	9.6	ND		ug/Kg	09/30/19	18:29	BP	442800
Naphthalene	SW8260B	1	1.6	9.6	ND		ug/Kg	09/30/19	18:29	BP	442800
1,2,3-Trichlorobenzene	SW8260B	1	1.6	9.6	ND		ug/Kg	09/30/19	18:29	BP	442800
2-Butanone	SW8260B	1	2.2	9.6	ND		ug/Kg	09/30/19	18:29	BP	442800
(S) Dibromofluoromethane	SW8260B		59.8 - 148		<b>128</b>		%	09/30/19	18:29	BP	442800
(S) Toluene-d8	SW8260B		55.2 - 133		<b>114</b>		%	09/30/19	18:29	BP	442800
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		<b>105</b>		%	09/30/19	18:29	BP	442800



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/30/19, 12:25 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-2(3-3.5)	<b>Lab Sample ID:</b>	1909260-003B
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/29/19 / 8:38		
<b>SDG:</b>			

<b>Prep Method:</b> 5035GRO	<b>Prep Batch Date/Time:</b> 9/30/19	9:49:00AM
<b>Prep Batch ID:</b> 1117076	<b>Prep Analyst:</b> BPATEL	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH(Gasoline)	8260TPH	1	41	96	ND		ug/Kg	09/30/19	18:29	bp	442800
(S) 4-Bromofluorobenzene	8260TPH		43.9 - 127		<b>70.7</b>		%	09/30/19	18:29	bp	442800





### SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/30/19, 12:25 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-2(5.5-6)	<b>Lab Sample ID:</b>	1909260-004A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/29/19 / 8:15		
<b>SDG:</b>			

<b>Prep Method:</b> 7471BP	<b>Prep Batch Date/Time:</b> 10/1/19	6:00:00PM
<b>Prep Batch ID:</b> 1117066	<b>Prep Analyst:</b> IRNAZ	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Mercury	SW7471B	1	0.10	0.61	ND		mg/Kg	10/02/19	12:18	BJAY	442813



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/30/19, 12:25 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-2(5.5-6)	<b>Lab Sample ID:</b>	1909260-004A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/29/19 / 8:15		
<b>SDG:</b>			

<b>Prep Method:</b> 3050B	<b>Prep Batch Date/Time:</b> 10/1/19	5:50:00PM
<b>Prep Batch ID:</b> 1117065	<b>Prep Analyst:</b> IRNAZ	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Antimony	SW6010B	1	0.061	6.05	ND		mg/Kg	10/02/19	12:59	PPATEL	442820
Arsenic	SW6010B	1	0.18	1.57	<b>8.83</b>		mg/Kg	10/02/19	12:59	PPATEL	442820
Barium	SW6010B	1	0.067	6.05	<b>220</b>		mg/Kg	10/02/19	12:59	PPATEL	442820
Beryllium	SW6010B	1	0.067	6.05	ND		mg/Kg	10/02/19	12:59	PPATEL	442820
Cadmium	SW6010B	1	0.12	6.05	ND		mg/Kg	10/02/19	12:59	PPATEL	442820
Chromium	SW6010B	1	0.091	6.05	<b>65.9</b>		mg/Kg	10/02/19	12:59	PPATEL	442820
Cobalt	SW6010B	1	0.085	6.05	<b>17.0</b>		mg/Kg	10/02/19	12:59	PPATEL	442820
Copper	SW6010B	1	0.24	6.05	<b>46.1</b>		mg/Kg	10/02/19	12:59	PPATEL	442820
Lead	SW6010B	1	0.12	3.63	<b>12.6</b>		mg/Kg	10/02/19	12:59	PPATEL	442820
Molybdenum	SW6010B	1	0.061	6.05	ND		mg/Kg	10/02/19	12:59	PPATEL	442820
Nickel	SW6010B	1	0.61	6.05	<b>112</b>		mg/Kg	10/02/19	12:59	PPATEL	442820
Selenium	SW6010B	1	0.27	6.05	ND		mg/Kg	10/02/19	12:59	PPATEL	442820
Silver	SW6010B	1	0.18	6.05	ND		mg/Kg	10/02/19	12:59	PPATEL	442820
Thallium	SW6010B	1	0.67	6.05	ND		mg/Kg	10/02/19	12:59	PPATEL	442820
Vanadium	SW6010B	1	0.12	6.05	<b>45.6</b>		mg/Kg	10/02/19	12:59	PPATEL	442820
Zinc	SW6010B	1	0.36	6.05	<b>78.7</b>		mg/Kg	10/02/19	12:59	PPATEL	442820



### SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/30/19, 12:25 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-2(5.5-6)	<b>Lab Sample ID:</b>	1909260-004A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/29/19 / 8:15		
<b>SDG:</b>			

<b>Prep Method:</b> WET/3010B	<b>Prep Batch Date/Time:</b> 10/10/19	3:50:00PM
<b>Prep Batch ID:</b> 1117290	<b>Prep Analyst:</b> BJAY	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Chromium (STLC)	SW6010B	1	0.010	0.20	ND		mg/L	10/10/19	19:32	PPATEL	443035



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/30/19, 12:25 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-2(5.5-6)	<b>Lab Sample ID:</b>	1909260-004A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/29/19 / 8:15		
<b>SDG:</b>			

<b>Prep Method:</b> 3546_PAHSIM	<b>Prep Batch Date/Time:</b> 10/1/19 10:26:00AM
<b>Prep Batch ID:</b> 1117039	<b>Prep Analyst:</b> SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Naphthalene	SW8270C	1	0.62	4.8	ND		ug/Kg	10/01/19	19:31	MT	442817
2-Methylnaphthalene	SW8270C	1	0.27	4.8	ND		ug/Kg	10/01/19	19:31	MT	442817
1-Methylnaphthalene	SW8270C	1	0.22	4.8	ND		ug/Kg	10/01/19	19:31	MT	442817
Acenaphthylene	SW8270C	1	0.22	4.8	ND		ug/Kg	10/01/19	19:31	MT	442817
Acenaphthene	SW8270C	1	0.20	4.8	ND		ug/Kg	10/01/19	19:31	MT	442817
Fluorene	SW8270C	1	0.33	4.8	ND		ug/Kg	10/01/19	19:31	MT	442817
Phenanthrene	SW8270C	1	0.72	4.8	ND		ug/Kg	10/01/19	19:31	MT	442817
Anthracene	SW8270C	1	0.64	4.8	ND		ug/Kg	10/01/19	19:31	MT	442817
Fluoranthene	SW8270C	1	0.64	4.8	ND		ug/Kg	10/01/19	19:31	MT	442817
Pyrene	SW8270C	1	0.66	4.8	ND		ug/Kg	10/01/19	19:31	MT	442817
Benz[a]anthracene	SW8270C	1	0.56	4.8	ND		ug/Kg	10/01/19	19:31	MT	442817
Chrysene	SW8270C	1	0.59	4.8	ND		ug/Kg	10/01/19	19:31	MT	442817
Benzo[b]fluoranthene	SW8270C	1	0.29	4.8	ND		ug/Kg	10/01/19	19:31	MT	442817
Benzo[k]fluoranthene	SW8270C	1	0.27	4.8	ND		ug/Kg	10/01/19	19:31	MT	442817
Benzo[a]pyrene	SW8270C	1	0.34	4.8	ND		ug/Kg	10/01/19	19:31	MT	442817
Indeno[1,2,3-cd]pyrene	SW8270C	1	0.27	4.8	ND		ug/Kg	10/01/19	19:31	MT	442817
Dibenz[a,h]anthracene	SW8270C	1	0.33	4.8	ND		ug/Kg	10/01/19	19:31	MT	442817
Benzo[g,h,i]perylene	SW8270C	1	0.32	4.8	ND		ug/Kg	10/01/19	19:31	MT	442817
Acceptance Limits											
2-Fluorobiphenyl (S)	SW8270C		45 - 125		<b>64</b>		%	10/01/19	19:31	MT	442817
p-Terphenyl-d14 (S)	SW8270C		30 - 125		<b>72</b>		%	10/01/19	19:31	MT	442817



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/30/19, 12:25 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-2(5.5-6)	<b>Lab Sample ID:</b>	1909260-004A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/29/19 / 8:15		
<b>SDG:</b>			

<b>Prep Method:</b> 3546_PCB	<b>Prep Batch Date/Time:</b> 10/1/19 1:30:00PM
<b>Prep Batch ID:</b> 1117046	<b>Prep Analyst:</b> SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Aroclor1016	SW8082A	1	64	120	ND		ug/Kg	10/01/19	19:37	MK	442798
Aroclor1221	SW8082A	1	6.1	120	ND		ug/Kg	10/01/19	19:37	MK	442798
Aroclor1232	SW8082A	1	21	120	ND		ug/Kg	10/01/19	19:37	MK	442798
Aroclor1242	SW8082A	1	3.6	120	ND		ug/Kg	10/01/19	19:37	MK	442798
Aroclor1248	SW8082A	1	2.4	120	ND		ug/Kg	10/01/19	19:37	MK	442798
Aroclor1254	SW8082A	1	2.4	120	ND		ug/Kg	10/01/19	19:37	MK	442798
Aroclor1260	SW8082A	1	44	120	ND		ug/Kg	10/01/19	19:37	MK	442798
Acceptance Limits											
TCMX (S)	SW8082A		48 - 125		<b>89.0</b>		%	10/01/19	19:37	MK	442798
DCBP (S)	SW8082A		48 - 135		<b>80.0</b>		%	10/01/19	19:37	MK	442798



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/30/19, 12:25 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-2(5.5-6)	<b>Lab Sample ID:</b>	1909260-004A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/29/19 / 8:15		
<b>SDG:</b>			

<b>Prep Method:</b> 3546_OCP	<b>Prep Batch Date/Time:</b> 10/1/19 1:26:00PM
<b>Prep Batch ID:</b> 1117044	<b>Prep Analyst:</b> SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
alpha-BHC	SW8081B	1	0.15	2.4	ND		ug/Kg	10/02/19	0:32	MK	442844
gamma-BHC (Lindane)	SW8081B	1	0.19	2.4	ND		ug/Kg	10/02/19	0:32	MK	442844
beta-BHC	SW8081B	1	0.38	2.4	ND		ug/Kg	10/02/19	0:32	MK	442844
delta-BHC	SW8081B	1	0.19	2.4	ND		ug/Kg	10/02/19	0:32	MK	442844
Heptachlor	SW8081B	1	0.13	2.4	ND		ug/Kg	10/02/19	0:32	MK	442844
Aldrin	SW8081B	1	0.24	2.4	ND		ug/Kg	10/02/19	0:32	MK	442844
Heptachlor Epoxide	SW8081B	1	0.094	2.4	ND		ug/Kg	10/02/19	0:32	MK	442844
gamma-Chlordane	SW8081B	1	0.20	2.4	ND		ug/Kg	10/02/19	0:32	MK	442844
alpha-Chlordane	SW8081B	1	0.21	2.4	ND		ug/Kg	10/02/19	0:32	MK	442844
4,4'-DDE	SW8081B	1	0.23	2.4	ND		ug/Kg	10/02/19	0:32	MK	442844
Endosulfan I	SW8081B	1	0.22	2.4	ND		ug/Kg	10/02/19	0:32	MK	442844
Dieldrin	SW8081B	1	0.18	2.4	ND		ug/Kg	10/02/19	0:32	MK	442844
Endrin	SW8081B	1	0.23	2.4	ND		ug/Kg	10/02/19	0:32	MK	442844
4,4'-DDD	SW8081B	1	0.68	2.4	ND		ug/Kg	10/02/19	0:32	MK	442844
Endosulfan II	SW8081B	1	0.70	2.4	ND		ug/Kg	10/02/19	0:32	MK	442844
4,4'-DDT	SW8081B	1	0.16	2.4	ND		ug/Kg	10/02/19	0:32	MK	442844
Endrin Aldehyde	SW8081B	1	0.18	2.4	ND		ug/Kg	10/02/19	0:32	MK	442844
Methoxychlor	SW8081B	1	0.24	2.4	ND		ug/Kg	10/02/19	0:32	MK	442844
Endosulfan Sulfate	SW8081B	1	0.14	2.4	ND		ug/Kg	10/02/19	0:32	MK	442844
Endrin Ketone	SW8081B	1	0.11	2.4	ND		ug/Kg	10/02/19	0:32	MK	442844
Chlordane	SW8081B	1	2.6	24	ND		ug/Kg	10/02/19	0:32	MK	442844
Toxaphene	SW8081B	1	10	61	ND		ug/Kg	10/02/19	0:32	MK	442844
Acceptance Limits											
TCMX (S)	SW8081B		48 - 125		<b>84.3</b>		%	10/02/19	0:32	MK	442844
DCBP (S)	SW8081B		38 - 135		<b>84.3</b>		%	10/02/19	0:32	MK	442844



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/30/19, 12:25 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-2(5.5-6)	<b>Lab Sample ID:</b>	1909260-004A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/29/19 / 8:15		
<b>SDG:</b>			

<b>Prep Method:</b> % Water-P	<b>Prep Batch Date/Time:</b> 10/4/19	6:50:00PM
<b>Prep Batch ID:</b> 1117183	<b>Prep Analyst:</b> BJAY	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Moisture, Percent	ASTM D2216-90	1	0.050	0.050	<b>20.7</b>		%	10/05/19	12:50	BJAY	442909
Dry Weight Factor	ASTM D2216-90	1	1	1	<b>1.21</b>		-	10/05/19	12:50	BJAY	442909



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/30/19, 12:25 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-2(5.5-6)	<b>Lab Sample ID:</b>	1909260-004A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/29/19 / 8:15		
<b>SDG:</b>			

<b>Prep Method:</b> 3546_BNA	<b>Prep Batch Date/Time:</b> 10/1/19 10:24:00AM
<b>Prep Batch ID:</b> 1117038	<b>Prep Analyst:</b> SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
N-Nitrosodimethylamine	SW8270C	1	56.7	871	ND		ug/Kg	10/03/19	13:21	MT	442802
Phenol	SW8270C	1	53.0	348	ND		ug/Kg	10/03/19	13:21	MT	442802
Bis(2-chloroethyl)ether	SW8270C	1	16.1	174	ND		ug/Kg	10/03/19	13:21	MT	442802
2-Chlorophenol	SW8270C	1	57.7	348	ND		ug/Kg	10/03/19	13:21	MT	442802
1,3-Dichlorobenzene	SW8270C	1	15.9	174	ND		ug/Kg	10/03/19	13:21	MT	442802
1,4-Dichlorobenzene	SW8270C	1	17.7	174	ND		ug/Kg	10/03/19	13:21	MT	442802
Benzyl Alcohol	SW8270C	1	24.8	348	ND		ug/Kg	10/03/19	13:21	MT	442802
1,2-Dichlorobenzene	SW8270C	1	16.3	174	ND		ug/Kg	10/03/19	13:21	MT	442802
2-Methylphenol (o-Cresol)	SW8270C	1	35.5	348	ND		ug/Kg	10/03/19	13:21	MT	442802
N-Methyl-2-Pyrrolidone (NMP)	SW8270C	1	82.3	871	ND		ug/Kg	10/03/19	13:21	MT	442802
3-/4-Methylphenol (p-/m-Cresol)	SW8270C	1	37.9	348	ND		ug/Kg	10/03/19	13:21	MT	442802
N-nitroso-di-n-propylamine	SW8270C	1	15.9	174	ND		ug/Kg	10/03/19	13:21	MT	442802
Hexachloroethane	SW8270C	1	20.6	174	ND		ug/Kg	10/03/19	13:21	MT	442802
Nitrobenzene	SW8270C	1	15.5	174	ND		ug/Kg	10/03/19	13:21	MT	442802
Isophorone	SW8270C	1	14.7	174	ND		ug/Kg	10/03/19	13:21	MT	442802
2-Nitrophenol	SW8270C	1	30.7	348	ND		ug/Kg	10/03/19	13:21	MT	442802
2,4-Dimethylphenol	SW8270C	1	27.6	348	ND		ug/Kg	10/03/19	13:21	MT	442802
Benzoic Acid	SW8270C	1	50.5	348	ND		ug/Kg	10/03/19	13:21	MT	442802
Bis(2-Chloroethoxy)methane	SW8270C	1	11.9	174	ND		ug/Kg	10/03/19	13:21	MT	442802
Bis(2-chloroisopropyl)ether	SW8270C	1	15.2	174	ND		ug/Kg	10/03/19	13:21	MT	442802
2,4-Dichlorophenol	SW8270C	1	47.5	348	ND		ug/Kg	10/03/19	13:21	MT	442802
1,2,4-Trichlorobenzene	SW8270C	1	14.3	174	ND		ug/Kg	10/03/19	13:21	MT	442802
2,6-Dichlorophenol	SW8270C	1	43.3	348	ND		ug/Kg	10/03/19	13:21	MT	442802
Hexachloro-1,3-butadiene	SW8270C	1	10.1	174	ND		ug/Kg	10/03/19	13:21	MT	442802
4-Chloro-3-methylphenol	SW8270C	1	40.9	348	ND		ug/Kg	10/03/19	13:21	MT	442802
Hexachlorocyclopentadiene	SW8270C	1	15.7	174	ND		ug/Kg	10/03/19	13:21	MT	442802
2,4,6-Trichlorophenol	SW8270C	1	43.5	348	ND		ug/Kg	10/03/19	13:21	MT	442802
2,4,5-Trichlorophenol	SW8270C	1	40.4	348	ND		ug/Kg	10/03/19	13:21	MT	442802
2-Chloronaphthalene	SW8270C	1	12.8	174	ND		ug/Kg	10/03/19	13:21	MT	442802
1,4-Dinitrobenzene	SW8270C	1	12.5	174	ND		ug/Kg	10/03/19	13:21	MT	442802
Dimethyl phthalate	SW8270C	1	17.1	871	ND		ug/Kg	10/03/19	13:21	MT	442802
1,3-Dinitrobenzene	SW8270C	1	12.6	174	ND		ug/Kg	10/03/19	13:21	MT	442802
2,6-Dinitrotoluene	SW8270C	1	13.7	174	ND		ug/Kg	10/03/19	13:21	MT	442802
1,2-Dinitrobenzene	SW8270C	1	19.1	174	ND		ug/Kg	10/03/19	13:21	MT	442802
2,4-Dinitrophenol	SW8270C	1	93.8	871	ND		ug/Kg	10/03/19	13:21	MT	442802





## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/30/19, 12:25 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-2(5.5-6)	<b>Lab Sample ID:</b>	1909260-004A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/29/19 / 8:15		
<b>SDG:</b>			

<b>Prep Method:</b> 3546_BNA	<b>Prep Batch Date/Time:</b> 10/1/19 10:24:00AM
<b>Prep Batch ID:</b> 1117038	<b>Prep Analyst:</b> SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
4-Nitrophenol	SW8270C	1	66.2	871	ND		ug/Kg	10/03/19	13:21	MT	442802
Dibenzofuran	SW8270C	1	13.6	174	ND		ug/Kg	10/03/19	13:21	MT	442802
2,4-Dinitrotoluene	SW8270C	1	14.6	174	ND		ug/Kg	10/03/19	13:21	MT	442802
2,3,5,6-Tetrachlorophenol	SW8270C	1	33.4	348	ND		ug/Kg	10/03/19	13:21	MT	442802
2,3,4,6-Tetrachlorophenol	SW8270C	1	38.1	348	ND		ug/Kg	10/03/19	13:21	MT	442802
Diethylphthalate	SW8270C	1	16.5	871	ND		ug/Kg	10/03/19	13:21	MT	442802
4-Chlorophenyl-phenylether	SW8270C	1	11.3	174	ND		ug/Kg	10/03/19	13:21	MT	442802
4,6-Dinitro-2-methylphenol	SW8270C	1	16.2	348	ND		ug/Kg	10/03/19	13:21	MT	442802
Diphenylamine	SW8270C	1	15.8	174	ND		ug/Kg	10/03/19	13:21	MT	442802
4-Bromophenyl-phenylether	SW8270C	1	9.95	174	ND		ug/Kg	10/03/19	13:21	MT	442802
Hexachlorobenzene	SW8270C	1	10.5	174	ND		ug/Kg	10/03/19	13:21	MT	442802
Pentachlorophenol	SW8270C	1	30.2	348	ND		ug/Kg	10/03/19	13:21	MT	442802
Carbazole	SW8270C	1	13.0	174	ND		ug/Kg	10/03/19	13:21	MT	442802
Di-n-butylphthalate	SW8270C	1	16.3	174	ND		ug/Kg	10/03/19	13:21	MT	442802
Benzidine	SW8270C	1	178	174	ND		ug/Kg	10/03/19	13:21	MT	442802
Butylbenzylphthalate	SW8270C	1	25.4	871	ND		ug/Kg	10/03/19	13:21	MT	442802
Benzo(a)anthracene	SW8270C	1	11.9	174	ND		ug/Kg	10/03/19	13:21	MT	442802
3,3-Dichlorobenzidine	SW8270C	1	142	174	ND		ug/Kg	10/03/19	13:21	MT	442802
Bis(2-Ethylhexyl)phthalate	SW8270C	1	18.6	871	ND		ug/Kg	10/03/19	13:21	MT	442802
Di-n-Octylphthalate	SW8270C	1	14.9	174	ND		ug/Kg	10/03/19	13:21	MT	442802
Pyridine	SW8270C	1	53.0	871	ND		ug/Kg	10/03/19	13:21	MT	442802
Acceptance Limits											
2-Fluorophenol (S)	SW8270C		25 - 121		<b>55.3</b>		%	10/03/19	13:21	MT	442802
Phenol-d6 (S)	SW8270C		24 - 113		<b>64.0</b>		%	10/03/19	13:21	MT	442802
2,4,6-Tribromophenol (S)	SW8270C		19 - 122		<b>40.9</b>		%	10/03/19	13:21	MT	442802
2-Fluorobiphenyl (S)	SW8270C		45 - 143		<b>70.1</b>		%	10/03/19	13:21	MT	442802
Nitrobenzene-d5 (S)	SW8270C		23 - 120		<b>66.0</b>		%	10/03/19	13:21	MT	442802
Terphenyl-d14 (S)	SW8270C		18 - 137		<b>78.0</b>		%	10/03/19	13:21	MT	442802



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/30/19, 12:25 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-2(5.5-6)	<b>Lab Sample ID:</b>	1909260-004A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/29/19 / 8:15		
<b>SDG:</b>			

<b>Prep Method:</b> 3546_TPH	<b>Prep Batch Date/Time:</b> 10/2/19	10:33:00AM
<b>Prep Batch ID:</b> 1117074	<b>Prep Analyst:</b> MSAT	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel	SW8015B	1	1.0	2.4	ND		mg/Kg	10/02/19	14:23	MK	442815
TPH as Motor Oil	SW8015B	1	3.8	12	ND		mg/Kg	10/02/19	14:23	MK	442815
			Acceptance Limits								
Pentacosane (S)	SW8015B		59 - 129		<b>73.2</b>		%	10/02/19	14:23	MK	442815



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/30/19, 12:25 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-2(5.5-6)	<b>Lab Sample ID:</b>	1909260-004B
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/29/19 / 8:15		
<b>SDG:</b>			

<b>Prep Method:</b> 5035	<b>Prep Batch Date/Time:</b> 9/30/19 9:49:00AM
<b>Prep Batch ID:</b> 1117075	<b>Prep Analyst:</b> BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	SW8260B	1	1.4	11	ND		ug/Kg	09/30/19	18:58	BP	442800
Chloromethane	SW8260B	1	2.0	11	ND		ug/Kg	09/30/19	18:58	BP	442800
Vinyl Chloride	SW8260B	1	2.3	11	ND		ug/Kg	09/30/19	18:58	BP	442800
Bromomethane	SW8260B	1	3.0	11	ND		ug/Kg	09/30/19	18:58	BP	442800
Chloroethane	SW8260B	1	3.4	11	ND		ug/Kg	09/30/19	18:58	BP	442800
Trichlorofluoromethane	SW8260B	1	2.3	11	ND		ug/Kg	09/30/19	18:58	BP	442800
1,1-Dichloroethene	SW8260B	1	2.3	11	ND		ug/Kg	09/30/19	18:58	BP	442800
Freon 113	SW8260B	1	2.1	11	ND		ug/Kg	09/30/19	18:58	BP	442800
Methylene Chloride	SW8260B	1	8.0	11	ND		ug/Kg	09/30/19	18:58	BP	442800
trans-1,2-Dichloroethene	SW8260B	1	2.3	11	ND		ug/Kg	09/30/19	18:58	BP	442800
MTBE	SW8260B	1	2.6	11	ND		ug/Kg	09/30/19	18:58	BP	442800
TBA	SW8260B	1	13	56	ND		ug/Kg	09/30/19	18:58	BP	442800
Diisopropyl ether	SW8260B	1	2.6	11	ND		ug/Kg	09/30/19	18:58	BP	442800
1,1-Dichloroethane	SW8260B	1	2.5	11	ND		ug/Kg	09/30/19	18:58	BP	442800
Ethyl tert-Butyl ether	SW8260B	1	2.6	11	ND		ug/Kg	09/30/19	18:58	BP	442800
cis-1,2-Dichloroethene	SW8260B	1	2.5	11	ND		ug/Kg	09/30/19	18:58	BP	442800
2,2-Dichloropropane	SW8260B	1	2.1	11	ND		ug/Kg	09/30/19	18:58	BP	442800
Bromochloromethane	SW8260B	1	2.6	11	ND		ug/Kg	09/30/19	18:58	BP	442800
Chloroform	SW8260B	1	2.6	11	ND		ug/Kg	09/30/19	18:58	BP	442800
Carbon Tetrachloride	SW8260B	1	2.3	11	ND		ug/Kg	09/30/19	18:58	BP	442800
1,1,1-Trichloroethane	SW8260B	1	2.3	11	ND		ug/Kg	09/30/19	18:58	BP	442800
1,1-Dichloropropene	SW8260B	1	2.2	11	ND		ug/Kg	09/30/19	18:58	BP	442800
Benzene	SW8260B	1	2.5	11	ND		ug/Kg	09/30/19	18:58	BP	442800
TAME	SW8260B	1	2.5	11	ND		ug/Kg	09/30/19	18:58	BP	442800
1,2-Dichloroethane	SW8260B	1	2.6	11	ND		ug/Kg	09/30/19	18:58	BP	442800
Trichloroethylene	SW8260B	1	2.0	11	ND		ug/Kg	09/30/19	18:58	BP	442800
Dibromomethane	SW8260B	1	2.1	11	ND		ug/Kg	09/30/19	18:58	BP	442800
1,2-Dichloropropane	SW8260B	1	2.1	11	ND		ug/Kg	09/30/19	18:58	BP	442800
Bromodichloromethane	SW8260B	1	2.2	11	ND		ug/Kg	09/30/19	18:58	BP	442800
cis-1,3-Dichloropropene	SW8260B	1	1.8	11	ND		ug/Kg	09/30/19	18:58	BP	442800
Toluene	SW8260B	1	2.0	11	ND		ug/Kg	09/30/19	18:58	BP	442800
Tetrachloroethylene	SW8260B	1	1.9	11	ND		ug/Kg	09/30/19	18:58	BP	442800
trans-1,3-Dichloropropene	SW8260B	1	1.8	11	ND		ug/Kg	09/30/19	18:58	BP	442800
1,1,2-Trichloroethane	SW8260B	1	2.1	11	ND		ug/Kg	09/30/19	18:58	BP	442800
Dibromochloromethane	SW8260B	1	2.1	11	ND		ug/Kg	09/30/19	18:58	BP	442800



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/30/19, 12:25 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-2(5.5-6)	<b>Lab Sample ID:</b>	1909260-004B
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/29/19 / 8:15		
<b>SDG:</b>			

<b>Prep Method:</b> 5035	<b>Prep Batch Date/Time:</b> 9/30/19 9:49:00AM
<b>Prep Batch ID:</b> 1117075	<b>Prep Analyst:</b> BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
1,3-Dichloropropane	SW8260B	1	2.1	11	ND		ug/Kg	09/30/19	18:58	BP	442800
1,2-Dibromoethane	SW8260B	1	2.0	11	ND		ug/Kg	09/30/19	18:58	BP	442800
Chlorobenzene	SW8260B	1	2.0	11	ND		ug/Kg	09/30/19	18:58	BP	442800
Ethylbenzene	SW8260B	1	1.9	11	ND		ug/Kg	09/30/19	18:58	BP	442800
1,1,1,2-Tetrachloroethane	SW8260B	1	2.2	11	ND		ug/Kg	09/30/19	18:58	BP	442800
m,p-Xylene	SW8260B	1	3.5	11	ND		ug/Kg	09/30/19	18:58	BP	442800
o-Xylene	SW8260B	1	1.9	11	ND		ug/Kg	09/30/19	18:58	BP	442800
Styrene	SW8260B	1	1.8	11	ND		ug/Kg	09/30/19	18:58	BP	442800
Bromoform	SW8260B	1	1.9	11	ND		ug/Kg	09/30/19	18:58	BP	442800
Isopropyl Benzene	SW8260B	1	1.8	11	ND		ug/Kg	09/30/19	18:58	BP	442800
n-Propylbenzene	SW8260B	1	1.8	11	ND		ug/Kg	09/30/19	18:58	BP	442800
Bromobenzene	SW8260B	1	2.0	11	ND		ug/Kg	09/30/19	18:58	BP	442800
1,1,2,2-Tetrachloroethane	SW8260B	1	2.2	11	ND		ug/Kg	09/30/19	18:58	BP	442800
2-Chlorotoluene	SW8260B	1	2.0	11	ND		ug/Kg	09/30/19	18:58	BP	442800
1,3,5-Trimethylbenzene	SW8260B	1	1.8	11	ND		ug/Kg	09/30/19	18:58	BP	442800
1,2,3-Trichloropropane	SW8260B	1	2.1	11	ND		ug/Kg	09/30/19	18:58	BP	442800
4-Chlorotoluene	SW8260B	1	1.8	11	ND		ug/Kg	09/30/19	18:58	BP	442800
tert-Butylbenzene	SW8260B	1	1.8	11	ND		ug/Kg	09/30/19	18:58	BP	442800
1,2,4-Trimethylbenzene	SW8260B	1	1.5	11	ND		ug/Kg	09/30/19	18:58	BP	442800
sec-Butyl Benzene	SW8260B	1	1.7	11	ND		ug/Kg	09/30/19	18:58	BP	442800
p-Isopropyltoluene	SW8260B	1	1.6	11	ND		ug/Kg	09/30/19	18:58	BP	442800
1,3-Dichlorobenzene	SW8260B	1	1.9	11	ND		ug/Kg	09/30/19	18:58	BP	442800
1,4-Dichlorobenzene	SW8260B	1	1.9	11	ND		ug/Kg	09/30/19	18:58	BP	442800
n-Butylbenzene	SW8260B	1	1.6	11	ND		ug/Kg	09/30/19	18:58	BP	442800
1,2-Dichlorobenzene	SW8260B	1	2.0	11	ND		ug/Kg	09/30/19	18:58	BP	442800
1,2-Dibromo-3-Chloropropane	SW8260B	1	2.1	11	ND		ug/Kg	09/30/19	18:58	BP	442800
Hexachlorobutadiene	SW8260B	1	1.5	11	ND		ug/Kg	09/30/19	18:58	BP	442800
1,2,4-Trichlorobenzene	SW8260B	1	1.7	11	ND		ug/Kg	09/30/19	18:58	BP	442800
Naphthalene	SW8260B	1	1.9	11	ND		ug/Kg	09/30/19	18:58	BP	442800
1,2,3-Trichlorobenzene	SW8260B	1	1.9	11	ND		ug/Kg	09/30/19	18:58	BP	442800
2-Butanone	SW8260B	1	2.6	11	ND		ug/Kg	09/30/19	18:58	BP	442800
(S) Dibromofluoromethane	SW8260B		59.8 - 148		<b>126</b>		%	09/30/19	18:58	BP	442800
(S) Toluene-d8	SW8260B		55.2 - 133		<b>115</b>		%	09/30/19	18:58	BP	442800
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		<b>105</b>		%	09/30/19	18:58	BP	442800



### SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/30/19, 12:25 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-2(5.5-6)	<b>Lab Sample ID:</b>	1909260-004B
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/29/19 / 8:15		
<b>SDG:</b>			

<b>Prep Method:</b> 5035GRO	<b>Prep Batch Date/Time:</b> 9/30/19	9:49:00AM
<b>Prep Batch ID:</b> 1117076	<b>Prep Analyst:</b> BPATEL	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH(Gasoline)	8260TPH	1	48	110	ND		ug/Kg	09/30/19	18:58	bp	442800
(S) 4-Bromofluorobenzene	8260TPH		43.9 - 127		<b>77.7</b>		%	09/30/19	18:58	bp	442800



### SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/30/19, 12:25 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-2(9-9.5)	<b>Lab Sample ID:</b>	1909260-005A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/29/19 / 8:34		
<b>SDG:</b>			

<b>Prep Method:</b> 7471BP	<b>Prep Batch Date/Time:</b> 10/1/19	6:00:00PM
<b>Prep Batch ID:</b> 1117066	<b>Prep Analyst:</b> IRNAZ	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Mercury	SW7471B	1	0.088	0.53	ND		mg/Kg	10/02/19	12:20	BJAY	442813



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/30/19, 12:25 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-2(9-9.5)	<b>Lab Sample ID:</b>	1909260-005A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/29/19 / 8:34		
<b>SDG:</b>			

<b>Prep Method:</b> 3050B	<b>Prep Batch Date/Time:</b> 10/1/19	5:50:00PM
<b>Prep Batch ID:</b> 1117065	<b>Prep Analyst:</b> IRNAZ	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Antimony	SW6010B	1	0.053	5.30	ND		mg/Kg	10/02/19	13:02	PPATEL	442820
Arsenic	SW6010B	1	0.16	1.38	<b>24.3</b>		mg/Kg	10/02/19	13:02	PPATEL	442820
Barium	SW6010B	1	0.058	5.30	<b>105</b>		mg/Kg	10/02/19	13:02	PPATEL	442820
Beryllium	SW6010B	1	0.058	5.30	ND		mg/Kg	10/02/19	13:02	PPATEL	442820
Cadmium	SW6010B	1	0.11	5.30	ND		mg/Kg	10/02/19	13:02	PPATEL	442820
Chromium	SW6010B	1	0.080	5.30	<b>56.2</b>		mg/Kg	10/02/19	13:02	PPATEL	442820
Cobalt	SW6010B	1	0.074	5.30	<b>11.7</b>		mg/Kg	10/02/19	13:02	PPATEL	442820
Copper	SW6010B	1	0.21	5.30	<b>25.5</b>		mg/Kg	10/02/19	13:02	PPATEL	442820
Lead	SW6010B	1	0.11	3.18	<b>7.84</b>		mg/Kg	10/02/19	13:02	PPATEL	442820
Molybdenum	SW6010B	1	0.053	5.30	ND		mg/Kg	10/02/19	13:02	PPATEL	442820
Nickel	SW6010B	1	0.53	5.30	<b>92.2</b>		mg/Kg	10/02/19	13:02	PPATEL	442820
Selenium	SW6010B	1	0.23	5.30	ND		mg/Kg	10/02/19	13:02	PPATEL	442820
Silver	SW6010B	1	0.16	5.30	ND		mg/Kg	10/02/19	13:02	PPATEL	442820
Thallium	SW6010B	1	0.58	5.30	ND		mg/Kg	10/02/19	13:02	PPATEL	442820
Vanadium	SW6010B	1	0.11	5.30	<b>36.4</b>		mg/Kg	10/02/19	13:02	PPATEL	442820
Zinc	SW6010B	1	0.32	5.30	<b>54.1</b>		mg/Kg	10/02/19	13:02	PPATEL	442820



### SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/30/19, 12:25 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-2(9-9.5)	<b>Lab Sample ID:</b>	1909260-005A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/29/19 / 8:34		
<b>SDG:</b>			

<b>Prep Method:</b> WET/3010B	<b>Prep Batch Date/Time:</b> 10/16/19	1:30:00PM
<b>Prep Batch ID:</b> 1117446	<b>Prep Analyst:</b> IRNAZ	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Chromium (STLC)	SW6010B	1	0.010	0.20	ND		mg/L	10/16/19	18:31	PPATEL	443175





## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/30/19, 12:25 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-2(9-9.5)	<b>Lab Sample ID:</b>	1909260-005A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/29/19 / 8:34		
<b>SDG:</b>			

<b>Prep Method:</b> 3546_PAHSIM	<b>Prep Batch Date/Time:</b> 10/1/19 10:26:00AM
<b>Prep Batch ID:</b> 1117039	<b>Prep Analyst:</b> SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Naphthalene	SW8270C	1	0.54	4.2	ND		ug/Kg	10/01/19	19:59	MT	442817
2-Methylnaphthalene	SW8270C	1	0.24	4.2	ND		ug/Kg	10/01/19	19:59	MT	442817
1-Methylnaphthalene	SW8270C	1	0.20	4.2	ND		ug/Kg	10/01/19	19:59	MT	442817
Acenaphthylene	SW8270C	1	0.20	4.2	ND		ug/Kg	10/01/19	19:59	MT	442817
Acenaphthene	SW8270C	1	0.17	4.2	ND		ug/Kg	10/01/19	19:59	MT	442817
Fluorene	SW8270C	1	0.29	4.2	ND		ug/Kg	10/01/19	19:59	MT	442817
Phenanthrene	SW8270C	1	0.63	4.2	ND		ug/Kg	10/01/19	19:59	MT	442817
Anthracene	SW8270C	1	0.56	4.2	ND		ug/Kg	10/01/19	19:59	MT	442817
Fluoranthene	SW8270C	1	0.56	4.2	ND		ug/Kg	10/01/19	19:59	MT	442817
Pyrene	SW8270C	1	0.58	4.2	ND		ug/Kg	10/01/19	19:59	MT	442817
Benz[a]anthracene	SW8270C	1	0.49	4.2	ND		ug/Kg	10/01/19	19:59	MT	442817
Chrysene	SW8270C	1	0.52	4.2	ND		ug/Kg	10/01/19	19:59	MT	442817
Benzo[b]fluoranthene	SW8270C	1	0.26	4.2	ND		ug/Kg	10/01/19	19:59	MT	442817
Benzo[k]fluoranthene	SW8270C	1	0.24	4.2	ND		ug/Kg	10/01/19	19:59	MT	442817
Benzo[a]pyrene	SW8270C	1	0.30	4.2	ND		ug/Kg	10/01/19	19:59	MT	442817
Indeno[1,2,3-cd]pyrene	SW8270C	1	0.23	4.2	ND		ug/Kg	10/01/19	19:59	MT	442817
Dibenz[a,h]anthracene	SW8270C	1	0.29	4.2	ND		ug/Kg	10/01/19	19:59	MT	442817
Benzo[g,h,i]perylene	SW8270C	1	0.28	4.2	ND		ug/Kg	10/01/19	19:59	MT	442817
Acceptance Limits											
2-Fluorobiphenyl (S)	SW8270C		45 - 125		<b>71</b>		%	10/01/19	19:59	MT	442817
p-Terphenyl-d14 (S)	SW8270C		30 - 125		<b>90</b>		%	10/01/19	19:59	MT	442817



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/30/19, 12:25 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-2(9-9.5)	<b>Lab Sample ID:</b>	1909260-005A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/29/19 / 8:34		
<b>SDG:</b>			

<b>Prep Method:</b> 3546_PCB	<b>Prep Batch Date/Time:</b> 10/1/19 1:30:00PM
<b>Prep Batch ID:</b> 1117046	<b>Prep Analyst:</b> SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Aroclor1016	SW8082A	1	56	110	ND		ug/Kg	10/01/19	19:52	MK	442798
Aroclor1221	SW8082A	1	5.3	110	ND		ug/Kg	10/01/19	19:52	MK	442798
Aroclor1232	SW8082A	1	18	110	ND		ug/Kg	10/01/19	19:52	MK	442798
Aroclor1242	SW8082A	1	3.2	110	ND		ug/Kg	10/01/19	19:52	MK	442798
Aroclor1248	SW8082A	1	2.1	110	ND		ug/Kg	10/01/19	19:52	MK	442798
Aroclor1254	SW8082A	1	2.1	110	ND		ug/Kg	10/01/19	19:52	MK	442798
Aroclor1260	SW8082A	1	38	110	ND		ug/Kg	10/01/19	19:52	MK	442798
Acceptance Limits											
TCMX (S)	SW8082A		48 - 125		<b>95.0</b>		%	10/01/19	19:52	MK	442798
DCBP (S)	SW8082A		48 - 135		<b>83.0</b>		%	10/01/19	19:52	MK	442798



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/30/19, 12:25 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-2(9-9.5)	<b>Lab Sample ID:</b>	1909260-005A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/29/19 / 8:34		
<b>SDG:</b>			

<b>Prep Method:</b> 3546_OCP	<b>Prep Batch Date/Time:</b> 10/1/19 1:26:00PM
<b>Prep Batch ID:</b> 1117044	<b>Prep Analyst:</b> SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
alpha-BHC	SW8081B	1	0.13	2.1	ND		ug/Kg	10/02/19	0:45	MK	442844
gamma-BHC (Lindane)	SW8081B	1	0.17	2.1	ND		ug/Kg	10/02/19	0:45	MK	442844
beta-BHC	SW8081B	1	0.34	2.1	ND		ug/Kg	10/02/19	0:45	MK	442844
delta-BHC	SW8081B	1	0.16	2.1	ND		ug/Kg	10/02/19	0:45	MK	442844
Heptachlor	SW8081B	1	0.11	2.1	ND		ug/Kg	10/02/19	0:45	MK	442844
Aldrin	SW8081B	1	0.21	2.1	ND		ug/Kg	10/02/19	0:45	MK	442844
Heptachlor Epoxide	SW8081B	1	0.083	2.1	ND		ug/Kg	10/02/19	0:45	MK	442844
gamma-Chlordane	SW8081B	1	0.17	2.1	ND		ug/Kg	10/02/19	0:45	MK	442844
alpha-Chlordane	SW8081B	1	0.18	2.1	ND		ug/Kg	10/02/19	0:45	MK	442844
4,4'-DDE	SW8081B	1	0.21	2.1	ND		ug/Kg	10/02/19	0:45	MK	442844
Endosulfan I	SW8081B	1	0.19	2.1	ND		ug/Kg	10/02/19	0:45	MK	442844
Dieldrin	SW8081B	1	0.16	2.1	ND		ug/Kg	10/02/19	0:45	MK	442844
Endrin	SW8081B	1	0.20	2.1	ND		ug/Kg	10/02/19	0:45	MK	442844
4,4'-DDD	SW8081B	1	0.60	2.1	ND		ug/Kg	10/02/19	0:45	MK	442844
Endosulfan II	SW8081B	1	0.61	2.1	ND		ug/Kg	10/02/19	0:45	MK	442844
4,4'-DDT	SW8081B	1	0.14	2.1	ND		ug/Kg	10/02/19	0:45	MK	442844
Endrin Aldehyde	SW8081B	1	0.16	2.1	ND		ug/Kg	10/02/19	0:45	MK	442844
Methoxychlor	SW8081B	1	0.21	2.1	ND		ug/Kg	10/02/19	0:45	MK	442844
Endosulfan Sulfate	SW8081B	1	0.12	2.1	ND		ug/Kg	10/02/19	0:45	MK	442844
Endrin Ketone	SW8081B	1	0.100	2.1	ND		ug/Kg	10/02/19	0:45	MK	442844
Chlordane	SW8081B	1	2.2	21	ND		ug/Kg	10/02/19	0:45	MK	442844
Toxaphene	SW8081B	1	9.0	53	ND		ug/Kg	10/02/19	0:45	MK	442844
Acceptance Limits											
TCMX (S)	SW8081B		48 - 125		<b>89.3</b>		%	10/02/19	0:45	MK	442844
DCBP (S)	SW8081B		38 - 135		<b>91.7</b>		%	10/02/19	0:45	MK	442844



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/30/19, 12:25 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-2(9-9.5)	<b>Lab Sample ID:</b>	1909260-005A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/29/19 / 8:34		
<b>SDG:</b>			

<b>Prep Method:</b> % Water-P	<b>Prep Batch Date/Time:</b> 10/4/19	6:50:00PM
<b>Prep Batch ID:</b> 1117183	<b>Prep Analyst:</b> BJAY	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Moisture, Percent	ASTM D2216-90	1	0.050	0.050	<b>6.48</b>		%	10/05/19	12:50	BJAY	442909
Dry Weight Factor	ASTM D2216-90	1	1	1	<b>1.06</b>		-	10/05/19	12:50	BJAY	442909



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/30/19, 12:25 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-2(9-9.5)	<b>Lab Sample ID:</b>	1909260-005A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/29/19 / 8:34		
<b>SDG:</b>			

<b>Prep Method:</b> 3546_BNA	<b>Prep Batch Date/Time:</b> 10/1/19 10:24:00AM
<b>Prep Batch ID:</b> 1117038	<b>Prep Analyst:</b> SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
N-Nitrosodimethylamine	SW8270C	1	49.7	763	ND		ug/Kg	10/03/19	13:51	MT	442802
Phenol	SW8270C	1	46.4	305	ND		ug/Kg	10/03/19	13:51	MT	442802
Bis(2-chloroethyl)ether	SW8270C	1	14.1	153	ND		ug/Kg	10/03/19	13:51	MT	442802
2-Chlorophenol	SW8270C	1	50.6	305	ND		ug/Kg	10/03/19	13:51	MT	442802
1,3-Dichlorobenzene	SW8270C	1	13.9	153	ND		ug/Kg	10/03/19	13:51	MT	442802
1,4-Dichlorobenzene	SW8270C	1	15.5	153	ND		ug/Kg	10/03/19	13:51	MT	442802
Benzyl Alcohol	SW8270C	1	21.7	305	ND		ug/Kg	10/03/19	13:51	MT	442802
1,2-Dichlorobenzene	SW8270C	1	14.3	153	ND		ug/Kg	10/03/19	13:51	MT	442802
2-Methylphenol (o-Cresol)	SW8270C	1	31.1	305	ND		ug/Kg	10/03/19	13:51	MT	442802
N-Methyl-2-Pyrrolidone (NMP)	SW8270C	1	72.1	763	ND		ug/Kg	10/03/19	13:51	MT	442802
3-/4-Methylphenol (p-/m-Cresol)	SW8270C	1	33.2	305	ND		ug/Kg	10/03/19	13:51	MT	442802
N-nitroso-di-n-propylamine	SW8270C	1	13.9	153	ND		ug/Kg	10/03/19	13:51	MT	442802
Hexachloroethane	SW8270C	1	18.1	153	ND		ug/Kg	10/03/19	13:51	MT	442802
Nitrobenzene	SW8270C	1	13.6	153	ND		ug/Kg	10/03/19	13:51	MT	442802
Isophorone	SW8270C	1	12.9	153	ND		ug/Kg	10/03/19	13:51	MT	442802
2-Nitrophenol	SW8270C	1	26.9	305	ND		ug/Kg	10/03/19	13:51	MT	442802
2,4-Dimethylphenol	SW8270C	1	24.2	305	ND		ug/Kg	10/03/19	13:51	MT	442802
Benzoic Acid	SW8270C	1	44.2	305	ND		ug/Kg	10/03/19	13:51	MT	442802
Bis(2-Chloroethoxy)methane	SW8270C	1	10.4	153	ND		ug/Kg	10/03/19	13:51	MT	442802
Bis(2-chloroisopropyl)ether	SW8270C	1	13.4	153	ND		ug/Kg	10/03/19	13:51	MT	442802
2,4-Dichlorophenol	SW8270C	1	41.6	305	ND		ug/Kg	10/03/19	13:51	MT	442802
1,2,4-Trichlorobenzene	SW8270C	1	12.5	153	ND		ug/Kg	10/03/19	13:51	MT	442802
2,6-Dichlorophenol	SW8270C	1	37.9	305	ND		ug/Kg	10/03/19	13:51	MT	442802
Hexachloro-1,3-butadiene	SW8270C	1	8.84	153	ND		ug/Kg	10/03/19	13:51	MT	442802
4-Chloro-3-methylphenol	SW8270C	1	35.8	305	ND		ug/Kg	10/03/19	13:51	MT	442802
Hexachlorocyclopentadiene	SW8270C	1	13.7	153	ND		ug/Kg	10/03/19	13:51	MT	442802
2,4,6-Trichlorophenol	SW8270C	1	38.1	305	ND		ug/Kg	10/03/19	13:51	MT	442802
2,4,5-Trichlorophenol	SW8270C	1	35.4	305	ND		ug/Kg	10/03/19	13:51	MT	442802
2-Chloronaphthalene	SW8270C	1	11.2	153	ND		ug/Kg	10/03/19	13:51	MT	442802
1,4-Dinitrobenzene	SW8270C	1	10.9	153	ND		ug/Kg	10/03/19	13:51	MT	442802
Dimethyl phthalate	SW8270C	1	15.0	763	ND		ug/Kg	10/03/19	13:51	MT	442802
1,3-Dinitrobenzene	SW8270C	1	11.0	153	ND		ug/Kg	10/03/19	13:51	MT	442802
2,6-Dinitrotoluene	SW8270C	1	12.0	153	ND		ug/Kg	10/03/19	13:51	MT	442802
1,2-Dinitrobenzene	SW8270C	1	16.7	153	ND		ug/Kg	10/03/19	13:51	MT	442802
2,4-Dinitrophenol	SW8270C	1	82.2	763	ND		ug/Kg	10/03/19	13:51	MT	442802



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/30/19, 12:25 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-2(9-9.5)	<b>Lab Sample ID:</b>	1909260-005A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/29/19 / 8:34		
<b>SDG:</b>			

<b>Prep Method:</b> 3546_BNA	<b>Prep Batch Date/Time:</b> 10/1/19 10:24:00AM
<b>Prep Batch ID:</b> 1117038	<b>Prep Analyst:</b> SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
4-Nitrophenol	SW8270C	1	58.0	763	ND		ug/Kg	10/03/19	13:51	MT	442802
Dibenzofuran	SW8270C	1	11.9	153	ND		ug/Kg	10/03/19	13:51	MT	442802
2,4-Dinitrotoluene	SW8270C	1	12.8	153	ND		ug/Kg	10/03/19	13:51	MT	442802
2,3,5,6-Tetrachlorophenol	SW8270C	1	29.2	305	ND		ug/Kg	10/03/19	13:51	MT	442802
2,3,4,6-Tetrachlorophenol	SW8270C	1	33.4	305	ND		ug/Kg	10/03/19	13:51	MT	442802
Diethylphthalate	SW8270C	1	14.4	763	ND		ug/Kg	10/03/19	13:51	MT	442802
4-Chlorophenyl-phenylether	SW8270C	1	9.88	153	ND		ug/Kg	10/03/19	13:51	MT	442802
4,6-Dinitro-2-methylphenol	SW8270C	1	14.2	305	ND		ug/Kg	10/03/19	13:51	MT	442802
Diphenylamine	SW8270C	1	13.8	153	ND		ug/Kg	10/03/19	13:51	MT	442802
4-Bromophenyl-phenylether	SW8270C	1	8.72	153	ND		ug/Kg	10/03/19	13:51	MT	442802
Hexachlorobenzene	SW8270C	1	9.18	153	ND		ug/Kg	10/03/19	13:51	MT	442802
Pentachlorophenol	SW8270C	1	26.5	305	ND		ug/Kg	10/03/19	13:51	MT	442802
Carbazole	SW8270C	1	11.4	153	ND		ug/Kg	10/03/19	13:51	MT	442802
Di-n-butylphthalate	SW8270C	1	14.3	153	ND		ug/Kg	10/03/19	13:51	MT	442802
Benzidine	SW8270C	1	156	153	ND		ug/Kg	10/03/19	13:51	MT	442802
Butylbenzylphthalate	SW8270C	1	22.3	763	ND		ug/Kg	10/03/19	13:51	MT	442802
Benzo(a)anthracene	SW8270C	1	10.4	153	ND		ug/Kg	10/03/19	13:51	MT	442802
3,3-Dichlorobenzidine	SW8270C	1	125	153	ND		ug/Kg	10/03/19	13:51	MT	442802
Bis(2-Ethylhexyl)phthalate	SW8270C	1	16.3	763	ND		ug/Kg	10/03/19	13:51	MT	442802
Di-n-Octylphthalate	SW8270C	1	13.0	153	ND		ug/Kg	10/03/19	13:51	MT	442802
Pyridine	SW8270C	1	46.4	763	ND		ug/Kg	10/03/19	13:51	MT	442802
Acceptance Limits											
2-Fluorophenol (S)	SW8270C		25 - 121		<b>62.0</b>		%	10/03/19	13:51	MT	442802
Phenol-d6 (S)	SW8270C		24 - 113		<b>67.7</b>		%	10/03/19	13:51	MT	442802
2,4,6-Tribromophenol (S)	SW8270C		19 - 122		<b>54.6</b>		%	10/03/19	13:51	MT	442802
2-Fluorobiphenyl (S)	SW8270C		45 - 143		<b>73.7</b>		%	10/03/19	13:51	MT	442802
Nitrobenzene-d5 (S)	SW8270C		23 - 120		<b>67.0</b>		%	10/03/19	13:51	MT	442802
Terphenyl-d14 (S)	SW8270C		18 - 137		<b>81.3</b>		%	10/03/19	13:51	MT	442802



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/30/19, 12:25 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-2(9-9.5)	<b>Lab Sample ID:</b>	1909260-005A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/29/19 / 8:34		
<b>SDG:</b>			

<b>Prep Method:</b> 3546_TPH	<b>Prep Batch Date/Time:</b> 10/2/19	10:33:00AM
<b>Prep Batch ID:</b> 1117074	<b>Prep Analyst:</b> MSAT	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel	SW8015B	1	0.90	2.1	ND		mg/Kg	10/02/19	14:47	MK	442815
TPH as Motor Oil	SW8015B	1	3.4	11	ND		mg/Kg	10/02/19	14:47	MK	442815
			Acceptance Limits								
Pentacosane (S)	SW8015B		59 - 129		<b>84.5</b>		%	10/02/19	14:47	MK	442815



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/30/19, 12:25 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-2(9-9.5)	<b>Lab Sample ID:</b>	1909260-005B
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/29/19 / 8:34		
<b>SDG:</b>			

<b>Prep Method:</b> 5035	<b>Prep Batch Date/Time:</b> 9/30/19 9:49:00AM
<b>Prep Batch ID:</b> 1117075	<b>Prep Analyst:</b> BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	SW8260B	1	1.5	12	ND		ug/Kg	09/30/19	19:28	BP	442800
Chloromethane	SW8260B	1	2.2	12	ND		ug/Kg	09/30/19	19:28	BP	442800
Vinyl Chloride	SW8260B	1	2.5	12	ND		ug/Kg	09/30/19	19:28	BP	442800
Bromomethane	SW8260B	1	3.3	12	ND		ug/Kg	09/30/19	19:28	BP	442800
Chloroethane	SW8260B	1	3.7	12	ND		ug/Kg	09/30/19	19:28	BP	442800
Trichlorofluoromethane	SW8260B	1	2.5	12	ND		ug/Kg	09/30/19	19:28	BP	442800
1,1-Dichloroethene	SW8260B	1	2.5	12	ND		ug/Kg	09/30/19	19:28	BP	442800
Freon 113	SW8260B	1	2.3	12	ND		ug/Kg	09/30/19	19:28	BP	442800
Methylene Chloride	SW8260B	1	8.6	12	ND		ug/Kg	09/30/19	19:28	BP	442800
trans-1,2-Dichloroethene	SW8260B	1	2.5	12	ND		ug/Kg	09/30/19	19:28	BP	442800
MTBE	SW8260B	1	2.8	12	ND		ug/Kg	09/30/19	19:28	BP	442800
TBA	SW8260B	1	14	61	151		ug/Kg	09/30/19	19:28	BP	442800
Diisopropyl ether	SW8260B	1	2.8	12	ND		ug/Kg	09/30/19	19:28	BP	442800
1,1-Dichloroethane	SW8260B	1	2.7	12	ND		ug/Kg	09/30/19	19:28	BP	442800
Ethyl tert-Butyl ether	SW8260B	1	2.8	12	ND		ug/Kg	09/30/19	19:28	BP	442800
cis-1,2-Dichloroethene	SW8260B	1	2.7	12	ND		ug/Kg	09/30/19	19:28	BP	442800
2,2-Dichloropropane	SW8260B	1	2.3	12	ND		ug/Kg	09/30/19	19:28	BP	442800
Bromochloromethane	SW8260B	1	2.8	12	ND		ug/Kg	09/30/19	19:28	BP	442800
Chloroform	SW8260B	1	2.9	12	ND		ug/Kg	09/30/19	19:28	BP	442800
Carbon Tetrachloride	SW8260B	1	2.5	12	ND		ug/Kg	09/30/19	19:28	BP	442800
1,1,1-Trichloroethane	SW8260B	1	2.5	12	ND		ug/Kg	09/30/19	19:28	BP	442800
1,1-Dichloropropene	SW8260B	1	2.4	12	ND		ug/Kg	09/30/19	19:28	BP	442800
Benzene	SW8260B	1	2.7	12	ND		ug/Kg	09/30/19	19:28	BP	442800
TAME	SW8260B	1	2.8	12	ND		ug/Kg	09/30/19	19:28	BP	442800
1,2-Dichloroethane	SW8260B	1	2.8	12	ND		ug/Kg	09/30/19	19:28	BP	442800
Trichloroethylene	SW8260B	1	2.2	12	ND		ug/Kg	09/30/19	19:28	BP	442800
Dibromomethane	SW8260B	1	2.2	12	ND		ug/Kg	09/30/19	19:28	BP	442800
1,2-Dichloropropane	SW8260B	1	2.3	12	ND		ug/Kg	09/30/19	19:28	BP	442800
Bromodichloromethane	SW8260B	1	2.4	12	ND		ug/Kg	09/30/19	19:28	BP	442800
cis-1,3-Dichloropropene	SW8260B	1	1.9	12	ND		ug/Kg	09/30/19	19:28	BP	442800
Toluene	SW8260B	1	2.2	12	ND		ug/Kg	09/30/19	19:28	BP	442800
Tetrachloroethylene	SW8260B	1	2.0	12	ND		ug/Kg	09/30/19	19:28	BP	442800
trans-1,3-Dichloropropene	SW8260B	1	2.0	12	ND		ug/Kg	09/30/19	19:28	BP	442800
1,1,2-Trichloroethane	SW8260B	1	2.2	12	ND		ug/Kg	09/30/19	19:28	BP	442800
Dibromochloromethane	SW8260B	1	2.3	12	ND		ug/Kg	09/30/19	19:28	BP	442800





## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/30/19, 12:25 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-2(9-9.5)	<b>Lab Sample ID:</b>	1909260-005B
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/29/19 / 8:34		
<b>SDG:</b>			

<b>Prep Method:</b> 5035	<b>Prep Batch Date/Time:</b> 9/30/19 9:49:00AM
<b>Prep Batch ID:</b> 1117075	<b>Prep Analyst:</b> BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
1,3-Dichloropropane	SW8260B	1	2.2	12	ND		ug/Kg	09/30/19	19:28	BP	442800
1,2-Dibromoethane	SW8260B	1	2.2	12	ND		ug/Kg	09/30/19	19:28	BP	442800
Chlorobenzene	SW8260B	1	2.2	12	ND		ug/Kg	09/30/19	19:28	BP	442800
Ethylbenzene	SW8260B	1	2.0	12	ND		ug/Kg	09/30/19	19:28	BP	442800
1,1,1,2-Tetrachloroethane	SW8260B	1	2.3	12	ND		ug/Kg	09/30/19	19:28	BP	442800
m,p-Xylene	SW8260B	1	3.8	12	ND		ug/Kg	09/30/19	19:28	BP	442800
o-Xylene	SW8260B	1	2.1	12	ND		ug/Kg	09/30/19	19:28	BP	442800
Styrene	SW8260B	1	2.0	12	ND		ug/Kg	09/30/19	19:28	BP	442800
Bromoform	SW8260B	1	2.0	12	ND		ug/Kg	09/30/19	19:28	BP	442800
Isopropyl Benzene	SW8260B	1	2.0	12	ND		ug/Kg	09/30/19	19:28	BP	442800
n-Propylbenzene	SW8260B	1	1.9	12	ND		ug/Kg	09/30/19	19:28	BP	442800
Bromobenzene	SW8260B	1	2.1	12	ND		ug/Kg	09/30/19	19:28	BP	442800
1,1,2,2-Tetrachloroethane	SW8260B	1	2.3	12	ND		ug/Kg	09/30/19	19:28	BP	442800
2-Chlorotoluene	SW8260B	1	2.1	12	ND		ug/Kg	09/30/19	19:28	BP	442800
1,3,5-Trimethylbenzene	SW8260B	1	1.9	12	ND		ug/Kg	09/30/19	19:28	BP	442800
1,2,3-Trichloropropane	SW8260B	1	2.3	12	ND		ug/Kg	09/30/19	19:28	BP	442800
4-Chlorotoluene	SW8260B	1	2.0	12	ND		ug/Kg	09/30/19	19:28	BP	442800
tert-Butylbenzene	SW8260B	1	2.0	12	ND		ug/Kg	09/30/19	19:28	BP	442800
1,2,4-Trimethylbenzene	SW8260B	1	1.7	12	ND		ug/Kg	09/30/19	19:28	BP	442800
sec-Butyl Benzene	SW8260B	1	1.9	12	ND		ug/Kg	09/30/19	19:28	BP	442800
p-Isopropyltoluene	SW8260B	1	1.8	12	ND		ug/Kg	09/30/19	19:28	BP	442800
1,3-Dichlorobenzene	SW8260B	1	2.0	12	ND		ug/Kg	09/30/19	19:28	BP	442800
1,4-Dichlorobenzene	SW8260B	1	2.1	12	ND		ug/Kg	09/30/19	19:28	BP	442800
n-Butylbenzene	SW8260B	1	1.8	12	ND		ug/Kg	09/30/19	19:28	BP	442800
1,2-Dichlorobenzene	SW8260B	1	2.2	12	ND		ug/Kg	09/30/19	19:28	BP	442800
1,2-Dibromo-3-Chloropropane	SW8260B	1	2.2	12	ND		ug/Kg	09/30/19	19:28	BP	442800
Hexachlorobutadiene	SW8260B	1	1.7	12	ND		ug/Kg	09/30/19	19:28	BP	442800
1,2,4-Trichlorobenzene	SW8260B	1	1.8	12	ND		ug/Kg	09/30/19	19:28	BP	442800
Naphthalene	SW8260B	1	2.0	12	ND		ug/Kg	09/30/19	19:28	BP	442800
1,2,3-Trichlorobenzene	SW8260B	1	2.0	12	ND		ug/Kg	09/30/19	19:28	BP	442800
2-Butanone	SW8260B	1	2.8	12	ND		ug/Kg	09/30/19	19:28	BP	442800
(S) Dibromofluoromethane	SW8260B		59.8 - 148		<b>128</b>		%	09/30/19	19:28	BP	442800
(S) Toluene-d8	SW8260B		55.2 - 133		<b>113</b>		%	09/30/19	19:28	BP	442800
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		<b>102</b>		%	09/30/19	19:28	BP	442800



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/30/19, 12:25 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-2(9-9.5)	<b>Lab Sample ID:</b>	1909260-005B
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/29/19 / 8:34		
<b>SDG:</b>			

<b>Prep Method:</b> 5035GRO	<b>Prep Batch Date/Time:</b> 9/30/19	9:49:00AM
<b>Prep Batch ID:</b> 1117076	<b>Prep Analyst:</b> BPATEL	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH(Gasoline)	8260TPH	1	53	120	ND		ug/Kg	09/30/19	19:28	bp	442800
(S) 4-Bromofluorobenzene	8260TPH		43.9 - 127		<b>83.4</b>		%	09/30/19	19:28	bp	442800



### SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/30/19, 12:25 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-2(24-24.5)	<b>Lab Sample ID:</b>	1909260-006A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/29/19 / 8:53		
<b>SDG:</b>			

<b>Prep Method:</b> 7471BP	<b>Prep Batch Date/Time:</b> 10/1/19	6:00:00PM
<b>Prep Batch ID:</b> 1117066	<b>Prep Analyst:</b> IRNAZ	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Mercury	SW7471B	1	0.097	0.58	ND		mg/Kg	10/02/19	12:22	BJAY	442813



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/30/19, 12:25 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-2(24-24.5)	<b>Lab Sample ID:</b>	1909260-006A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/29/19 / 8:53		
<b>SDG:</b>			

<b>Prep Method:</b> 3050B	<b>Prep Batch Date/Time:</b> 10/1/19	5:50:00PM
<b>Prep Batch ID:</b> 1117065	<b>Prep Analyst:</b> IRNAZ	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Antimony	SW6010B	1	0.058	5.80	ND		mg/Kg	10/02/19	13:05	PPATEL	442820
Arsenic	SW6010B	1	0.17	1.51	<b>18.5</b>		mg/Kg	10/02/19	13:05	PPATEL	442820
Barium	SW6010B	1	0.064	5.80	<b>55.8</b>		mg/Kg	10/02/19	13:05	PPATEL	442820
Beryllium	SW6010B	1	0.064	5.80	ND		mg/Kg	10/02/19	13:05	PPATEL	442820
Cadmium	SW6010B	1	0.12	5.80	ND		mg/Kg	10/02/19	13:05	PPATEL	442820
Chromium	SW6010B	1	0.087	5.80	<b>37.4</b>		mg/Kg	10/02/19	13:05	PPATEL	442820
Cobalt	SW6010B	1	0.081	5.80	<b>9.86</b>		mg/Kg	10/02/19	13:05	PPATEL	442820
Copper	SW6010B	1	0.23	5.80	<b>21.9</b>		mg/Kg	10/02/19	13:05	PPATEL	442820
Lead	SW6010B	1	0.12	3.48	<b>4.70</b>		mg/Kg	10/02/19	13:05	PPATEL	442820
Molybdenum	SW6010B	1	0.058	5.80	ND		mg/Kg	10/02/19	13:05	PPATEL	442820
Nickel	SW6010B	1	0.58	5.80	<b>59.7</b>		mg/Kg	10/02/19	13:05	PPATEL	442820
Selenium	SW6010B	1	0.26	5.80	ND		mg/Kg	10/02/19	13:05	PPATEL	442820
Silver	SW6010B	1	0.17	5.80	ND		mg/Kg	10/02/19	13:05	PPATEL	442820
Thallium	SW6010B	1	0.64	5.80	ND		mg/Kg	10/02/19	13:05	PPATEL	442820
Vanadium	SW6010B	1	0.12	5.80	<b>40.3</b>		mg/Kg	10/02/19	13:05	PPATEL	442820
Zinc	SW6010B	1	0.35	5.80	<b>41.6</b>		mg/Kg	10/02/19	13:05	PPATEL	442820



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/30/19, 12:25 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-2(24-24.5)	<b>Lab Sample ID:</b>	1909260-006A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/29/19 / 8:53		
<b>SDG:</b>			

<b>Prep Method:</b> % Water-P	<b>Prep Batch Date/Time:</b> 10/4/19	6:50:00PM
<b>Prep Batch ID:</b> 1117183	<b>Prep Analyst:</b> BJAY	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Moisture, Percent	ASTM D2216-90	1	0.050	0.050	<b>16.3</b>		%	10/05/19	12:50	BJAY	442909
Dry Weight Factor	ASTM D2216-90	1	1	1	<b>1.16</b>		-	10/05/19	12:50	BJAY	442909



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/30/19, 12:25 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-2(24-24.5)	<b>Lab Sample ID:</b>	1909260-006A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/29/19 / 8:53		
<b>SDG:</b>			

<b>Prep Method:</b> 3546_TPH	<b>Prep Batch Date/Time:</b> 10/2/19	10:33:00AM
<b>Prep Batch ID:</b> 1117074	<b>Prep Analyst:</b> MSAT	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel	SW8015B	1	0.99	2.3	<b>4.28</b>	x	mg/Kg	10/02/19	15:10	MK	442815
TPH as Motor Oil	SW8015B	1	3.7	12	<b>15.2</b>		mg/Kg	10/02/19	15:10	MK	442815
Acceptance Limits											
Pentacosane (S)	SW8015B		59 - 129		<b>117</b>		%	10/02/19	15:10	MK	442815

**NOTE:** x-not typical of Diesel ref. std: peaks within Diesel range quantified as diesel



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/30/19, 12:25 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-2(24-24.5)	<b>Lab Sample ID:</b>	1909260-006B
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/29/19 / 8:53		
<b>SDG:</b>			

<b>Prep Method:</b> 5035	<b>Prep Batch Date/Time:</b> 9/30/19 9:49:00AM
<b>Prep Batch ID:</b> 1117075	<b>Prep Analyst:</b> BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	SW8260B	1	1.5	12	ND		ug/Kg	09/30/19	19:57	BP	442800
Chloromethane	SW8260B	1	2.2	12	ND		ug/Kg	09/30/19	19:57	BP	442800
Vinyl Chloride	SW8260B	1	2.4	12	ND		ug/Kg	09/30/19	19:57	BP	442800
Bromomethane	SW8260B	1	3.2	12	ND		ug/Kg	09/30/19	19:57	BP	442800
Chloroethane	SW8260B	1	3.6	12	ND		ug/Kg	09/30/19	19:57	BP	442800
Trichlorofluoromethane	SW8260B	1	2.5	12	ND		ug/Kg	09/30/19	19:57	BP	442800
1,1-Dichloroethene	SW8260B	1	2.4	12	ND		ug/Kg	09/30/19	19:57	BP	442800
Freon 113	SW8260B	1	2.2	12	ND		ug/Kg	09/30/19	19:57	BP	442800
Methylene Chloride	SW8260B	1	8.5	12	ND		ug/Kg	09/30/19	19:57	BP	442800
trans-1,2-Dichloroethene	SW8260B	1	2.5	12	ND		ug/Kg	09/30/19	19:57	BP	442800
MTBE	SW8260B	1	2.8	12	ND		ug/Kg	09/30/19	19:57	BP	442800
TBA	SW8260B	1	14	60	163		ug/Kg	09/30/19	19:57	BP	442800
Diisopropyl ether	SW8260B	1	2.7	12	ND		ug/Kg	09/30/19	19:57	BP	442800
1,1-Dichloroethane	SW8260B	1	2.6	12	ND		ug/Kg	09/30/19	19:57	BP	442800
Ethyl tert-Butyl ether	SW8260B	1	2.7	12	ND		ug/Kg	09/30/19	19:57	BP	442800
cis-1,2-Dichloroethene	SW8260B	1	2.6	12	ND		ug/Kg	09/30/19	19:57	BP	442800
2,2-Dichloropropane	SW8260B	1	2.3	12	ND		ug/Kg	09/30/19	19:57	BP	442800
Bromochloromethane	SW8260B	1	2.8	12	ND		ug/Kg	09/30/19	19:57	BP	442800
Chloroform	SW8260B	1	2.8	12	ND		ug/Kg	09/30/19	19:57	BP	442800
Carbon Tetrachloride	SW8260B	1	2.4	12	ND		ug/Kg	09/30/19	19:57	BP	442800
1,1,1-Trichloroethane	SW8260B	1	2.5	12	ND		ug/Kg	09/30/19	19:57	BP	442800
1,1-Dichloropropene	SW8260B	1	2.4	12	ND		ug/Kg	09/30/19	19:57	BP	442800
Benzene	SW8260B	1	2.7	12	ND		ug/Kg	09/30/19	19:57	BP	442800
TAME	SW8260B	1	2.7	12	ND		ug/Kg	09/30/19	19:57	BP	442800
1,2-Dichloroethane	SW8260B	1	2.8	12	ND		ug/Kg	09/30/19	19:57	BP	442800
Trichloroethylene	SW8260B	1	2.1	12	ND		ug/Kg	09/30/19	19:57	BP	442800
Dibromomethane	SW8260B	1	2.2	12	ND		ug/Kg	09/30/19	19:57	BP	442800
1,2-Dichloropropane	SW8260B	1	2.2	12	ND		ug/Kg	09/30/19	19:57	BP	442800
Bromodichloromethane	SW8260B	1	2.3	12	ND		ug/Kg	09/30/19	19:57	BP	442800
cis-1,3-Dichloropropene	SW8260B	1	1.9	12	ND		ug/Kg	09/30/19	19:57	BP	442800
Toluene	SW8260B	1	2.2	12	ND		ug/Kg	09/30/19	19:57	BP	442800
Tetrachloroethylene	SW8260B	1	2.0	12	ND		ug/Kg	09/30/19	19:57	BP	442800
trans-1,3-Dichloropropene	SW8260B	1	2.0	12	ND		ug/Kg	09/30/19	19:57	BP	442800
1,1,2-Trichloroethane	SW8260B	1	2.2	12	ND		ug/Kg	09/30/19	19:57	BP	442800
Dibromochloromethane	SW8260B	1	2.2	12	ND		ug/Kg	09/30/19	19:57	BP	442800



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/30/19, 12:25 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-2(24-24.5)	<b>Lab Sample ID:</b>	1909260-006B
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/29/19 / 8:53		
<b>SDG:</b>			

<b>Prep Method:</b> 5035	<b>Prep Batch Date/Time:</b> 9/30/19 9:49:00AM
<b>Prep Batch ID:</b> 1117075	<b>Prep Analyst:</b> BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
1,3-Dichloropropane	SW8260B	1	2.2	12	ND		ug/Kg	09/30/19	19:57	BP	442800
1,2-Dibromoethane	SW8260B	1	2.2	12	ND		ug/Kg	09/30/19	19:57	BP	442800
Chlorobenzene	SW8260B	1	2.2	12	ND		ug/Kg	09/30/19	19:57	BP	442800
Ethylbenzene	SW8260B	1	2.0	12	ND		ug/Kg	09/30/19	19:57	BP	442800
1,1,1,2-Tetrachloroethane	SW8260B	1	2.3	12	ND		ug/Kg	09/30/19	19:57	BP	442800
m,p-Xylene	SW8260B	1	3.8	12	ND		ug/Kg	09/30/19	19:57	BP	442800
o-Xylene	SW8260B	1	2.1	12	ND		ug/Kg	09/30/19	19:57	BP	442800
Styrene	SW8260B	1	2.0	12	ND		ug/Kg	09/30/19	19:57	BP	442800
Bromoform	SW8260B	1	2.0	12	ND		ug/Kg	09/30/19	19:57	BP	442800
Isopropyl Benzene	SW8260B	1	1.9	12	ND		ug/Kg	09/30/19	19:57	BP	442800
n-Propylbenzene	SW8260B	1	1.9	12	ND		ug/Kg	09/30/19	19:57	BP	442800
Bromobenzene	SW8260B	1	2.1	12	ND		ug/Kg	09/30/19	19:57	BP	442800
1,1,2,2-Tetrachloroethane	SW8260B	1	2.3	12	ND		ug/Kg	09/30/19	19:57	BP	442800
2-Chlorotoluene	SW8260B	1	2.1	12	ND		ug/Kg	09/30/19	19:57	BP	442800
1,3,5-Trimethylbenzene	SW8260B	1	1.9	12	ND		ug/Kg	09/30/19	19:57	BP	442800
1,2,3-Trichloropropane	SW8260B	1	2.3	12	ND		ug/Kg	09/30/19	19:57	BP	442800
4-Chlorotoluene	SW8260B	1	2.0	12	ND		ug/Kg	09/30/19	19:57	BP	442800
tert-Butylbenzene	SW8260B	1	1.9	12	ND		ug/Kg	09/30/19	19:57	BP	442800
1,2,4-Trimethylbenzene	SW8260B	1	1.6	12	ND		ug/Kg	09/30/19	19:57	BP	442800
sec-Butyl Benzene	SW8260B	1	1.9	12	ND		ug/Kg	09/30/19	19:57	BP	442800
p-Isopropyltoluene	SW8260B	1	1.7	12	ND		ug/Kg	09/30/19	19:57	BP	442800
1,3-Dichlorobenzene	SW8260B	1	2.0	12	ND		ug/Kg	09/30/19	19:57	BP	442800
1,4-Dichlorobenzene	SW8260B	1	2.0	12	ND		ug/Kg	09/30/19	19:57	BP	442800
n-Butylbenzene	SW8260B	1	1.7	12	ND		ug/Kg	09/30/19	19:57	BP	442800
1,2-Dichlorobenzene	SW8260B	1	2.1	12	ND		ug/Kg	09/30/19	19:57	BP	442800
1,2-Dibromo-3-Chloropropane	SW8260B	1	2.2	12	ND		ug/Kg	09/30/19	19:57	BP	442800
Hexachlorobutadiene	SW8260B	1	1.6	12	ND		ug/Kg	09/30/19	19:57	BP	442800
1,2,4-Trichlorobenzene	SW8260B	1	1.8	12	ND		ug/Kg	09/30/19	19:57	BP	442800
Naphthalene	SW8260B	1	2.0	12	ND		ug/Kg	09/30/19	19:57	BP	442800
1,2,3-Trichlorobenzene	SW8260B	1	2.0	12	ND		ug/Kg	09/30/19	19:57	BP	442800
2-Butanone	SW8260B	1	2.7	12	ND		ug/Kg	09/30/19	19:57	BP	442800
(S) Dibromofluoromethane	SW8260B		59.8 - 148		<b>132</b>		%	09/30/19	19:57	BP	442800
(S) Toluene-d8	SW8260B		55.2 - 133		<b>120</b>		%	09/30/19	19:57	BP	442800
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		<b>119</b>		%	09/30/19	19:57	BP	442800





### SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/30/19, 12:25 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-2(24-24.5)	<b>Lab Sample ID:</b>	1909260-006B
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/29/19 / 8:53		
<b>SDG:</b>			

<b>Prep Method:</b> 5035GRO	<b>Prep Batch Date/Time:</b> 9/30/19	9:49:00AM
<b>Prep Batch ID:</b> 1117076	<b>Prep Analyst:</b> BPATEL	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH(Gasoline)	8260TPH	1	51	120	ND		ug/Kg	09/30/19	19:57	bp	442800
(S) 4-Bromofluorobenzene	8260TPH		43.9 - 127		<b>66.8</b>		%	09/30/19	19:57	bp	442800



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/30/19, 12:25 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-2(39-39.5)	<b>Lab Sample ID:</b>	1909260-007A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/29/19 / 9:14		
<b>SDG:</b>			

<b>Prep Method:</b> 7471BP	<b>Prep Batch Date/Time:</b> 10/1/19	6:00:00PM
<b>Prep Batch ID:</b> 1117066	<b>Prep Analyst:</b> IRNAZ	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Mercury	SW7471B	1	0.11	0.65	ND		mg/Kg	10/02/19	12:24	BJAY	442813



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/30/19, 12:25 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-2(39-39.5)	<b>Lab Sample ID:</b>	1909260-007A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/29/19 / 9:14		
<b>SDG:</b>			

<b>Prep Method:</b> 3050B	<b>Prep Batch Date/Time:</b> 10/1/19	5:50:00PM
<b>Prep Batch ID:</b> 1117065	<b>Prep Analyst:</b> IRNAZ	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Antimony	SW6010B	1	0.065	6.50	ND		mg/Kg	10/02/19	13:08	PPATEL	442820
Arsenic	SW6010B	1	0.20	1.69	<b>2.85</b>		mg/Kg	10/02/19	13:08	PPATEL	442820
Barium	SW6010B	1	0.072	6.50	<b>168</b>		mg/Kg	10/02/19	13:08	PPATEL	442820
Beryllium	SW6010B	1	0.072	6.50	ND		mg/Kg	10/02/19	13:08	PPATEL	442820
Cadmium	SW6010B	1	0.13	6.50	ND		mg/Kg	10/02/19	13:08	PPATEL	442820
Chromium	SW6010B	1	0.098	6.50	<b>65.0</b>		mg/Kg	10/02/19	13:08	PPATEL	442820
Cobalt	SW6010B	1	0.091	6.50	<b>17.8</b>		mg/Kg	10/02/19	13:08	PPATEL	442820
Copper	SW6010B	1	0.26	6.50	<b>46.0</b>		mg/Kg	10/02/19	13:08	PPATEL	442820
Lead	SW6010B	1	0.13	3.90	<b>13.1</b>		mg/Kg	10/02/19	13:08	PPATEL	442820
Molybdenum	SW6010B	1	0.065	6.50	ND		mg/Kg	10/02/19	13:08	PPATEL	442820
Nickel	SW6010B	1	0.65	6.50	<b>90.4</b>		mg/Kg	10/02/19	13:08	PPATEL	442820
Selenium	SW6010B	1	0.29	6.50	ND		mg/Kg	10/02/19	13:08	PPATEL	442820
Silver	SW6010B	1	0.20	6.50	ND		mg/Kg	10/02/19	13:08	PPATEL	442820
Thallium	SW6010B	1	0.72	6.50	ND		mg/Kg	10/02/19	13:08	PPATEL	442820
Vanadium	SW6010B	1	0.13	6.50	<b>59.4</b>		mg/Kg	10/02/19	13:08	PPATEL	442820
Zinc	SW6010B	1	0.39	6.50	<b>103</b>		mg/Kg	10/02/19	13:08	PPATEL	442820



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/30/19, 12:25 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-2(39-39.5)	<b>Lab Sample ID:</b>	1909260-007A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/29/19 / 9:14		
<b>SDG:</b>			

<b>Prep Method:</b> WET/3010B	<b>Prep Batch Date/Time:</b> 10/10/19	3:50:00PM
<b>Prep Batch ID:</b> 1117290	<b>Prep Analyst:</b> BJAY	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Chromium (STLC)	SW6010B	1	0.010	0.20	<b>0.315</b>		mg/L	10/10/19	19:35	PPATEL	443035



### SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/30/19, 12:25 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-2(39-39.5)	<b>Lab Sample ID:</b>	1909260-007A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/29/19 / 9:14		
<b>SDG:</b>			

<b>Prep Method:</b> % Water-P	<b>Prep Batch Date/Time:</b> 10/4/19	6:50:00PM
<b>Prep Batch ID:</b> 1117183	<b>Prep Analyst:</b> BJAY	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Moisture, Percent	ASTM D2216-90	1	0.050	0.050	<b>30.0</b>		%	10/05/19	12:50	BJAY	442909
Dry Weight Factor	ASTM D2216-90	1	1	1	<b>1.30</b>		-	10/05/19	12:50	BJAY	442909



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/30/19, 12:25 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-2(39-39.5)	<b>Lab Sample ID:</b>	1909260-007A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/29/19 / 9:14		
<b>SDG:</b>			

<b>Prep Method:</b> 3546_TPH	<b>Prep Batch Date/Time:</b> 10/2/19	10:33:00AM
<b>Prep Batch ID:</b> 1117074	<b>Prep Analyst:</b> MSAT	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel	SW8015B	1	1.1	2.6	<b>10.8</b>	x	mg/Kg	10/02/19	15:34	MK	442815
TPH as Motor Oil	SW8015B	1	4.1	13	<b>24.2</b>		mg/Kg	10/02/19	15:34	MK	442815
Acceptance Limits											
Pentacosane (S)	SW8015B		59 - 129		<b>107</b>		%	10/02/19	15:34	MK	442815

**NOTE:** x-not typical of Diesel ref. std: peaks within Diesel range quantified as diesel



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/30/19, 12:25 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-2(39-39.5)	<b>Lab Sample ID:</b>	1909260-007B
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/29/19 / 9:14		
<b>SDG:</b>			

<b>Prep Method:</b> 5035	<b>Prep Batch Date/Time:</b> 10/1/19 11:08:00AM
<b>Prep Batch ID:</b> 1117092	<b>Prep Analyst:</b> BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	SW8260B	1	1.4	11	ND		ug/Kg	10/01/19	14:37	BP	442822
Chloromethane	SW8260B	1	2.0	11	ND		ug/Kg	10/01/19	14:37	BP	442822
Vinyl Chloride	SW8260B	1	2.3	11	ND		ug/Kg	10/01/19	14:37	BP	442822
Bromomethane	SW8260B	1	3.0	11	ND		ug/Kg	10/01/19	14:37	BP	442822
Chloroethane	SW8260B	1	3.3	11	ND		ug/Kg	10/01/19	14:37	BP	442822
Trichlorofluoromethane	SW8260B	1	2.3	11	ND		ug/Kg	10/01/19	14:37	BP	442822
1,1-Dichloroethene	SW8260B	1	2.3	11	ND		ug/Kg	10/01/19	14:37	BP	442822
Freon 113	SW8260B	1	2.1	11	ND		ug/Kg	10/01/19	14:37	BP	442822
Methylene Chloride	SW8260B	1	7.9	11	ND		ug/Kg	10/01/19	14:37	BP	442822
trans-1,2-Dichloroethene	SW8260B	1	2.3	11	ND		ug/Kg	10/01/19	14:37	BP	442822
MTBE	SW8260B	1	2.6	11	ND		ug/Kg	10/01/19	14:37	BP	442822
TBA	SW8260B	1	13	55	ND		ug/Kg	10/01/19	14:37	BP	442822
Diisopropyl ether	SW8260B	1	2.5	11	ND		ug/Kg	10/01/19	14:37	BP	442822
1,1-Dichloroethane	SW8260B	1	2.5	11	ND		ug/Kg	10/01/19	14:37	BP	442822
Ethyl tert-Butyl ether	SW8260B	1	2.5	11	ND		ug/Kg	10/01/19	14:37	BP	442822
cis-1,2-Dichloroethene	SW8260B	1	2.5	11	ND		ug/Kg	10/01/19	14:37	BP	442822
2,2-Dichloropropane	SW8260B	1	2.1	11	ND		ug/Kg	10/01/19	14:37	BP	442822
Bromochloromethane	SW8260B	1	2.6	11	ND		ug/Kg	10/01/19	14:37	BP	442822
Chloroform	SW8260B	1	2.6	11	ND		ug/Kg	10/01/19	14:37	BP	442822
Carbon Tetrachloride	SW8260B	1	2.3	11	ND		ug/Kg	10/01/19	14:37	BP	442822
1,1,1-Trichloroethane	SW8260B	1	2.3	11	ND		ug/Kg	10/01/19	14:37	BP	442822
1,1-Dichloropropene	SW8260B	1	2.2	11	ND		ug/Kg	10/01/19	14:37	BP	442822
Benzene	SW8260B	1	2.5	11	ND		ug/Kg	10/01/19	14:37	BP	442822
TAME	SW8260B	1	2.5	11	ND		ug/Kg	10/01/19	14:37	BP	442822
1,2-Dichloroethane	SW8260B	1	2.6	11	ND		ug/Kg	10/01/19	14:37	BP	442822
Trichloroethylene	SW8260B	1	2.0	11	ND		ug/Kg	10/01/19	14:37	BP	442822
Dibromomethane	SW8260B	1	2.0	11	ND		ug/Kg	10/01/19	14:37	BP	442822
1,2-Dichloropropane	SW8260B	1	2.1	11	ND		ug/Kg	10/01/19	14:37	BP	442822
Bromodichloromethane	SW8260B	1	2.2	11	ND		ug/Kg	10/01/19	14:37	BP	442822
cis-1,3-Dichloropropene	SW8260B	1	1.8	11	ND		ug/Kg	10/01/19	14:37	BP	442822
Toluene	SW8260B	1	2.0	11	ND		ug/Kg	10/01/19	14:37	BP	442822
Tetrachloroethylene	SW8260B	1	1.8	11	ND		ug/Kg	10/01/19	14:37	BP	442822
trans-1,3-Dichloropropene	SW8260B	1	1.8	11	ND		ug/Kg	10/01/19	14:37	BP	442822
1,1,2-Trichloroethane	SW8260B	1	2.0	11	ND		ug/Kg	10/01/19	14:37	BP	442822
Dibromochloromethane	SW8260B	1	2.1	11	ND		ug/Kg	10/01/19	14:37	BP	442822



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/30/19, 12:25 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-2(39-39.5)	<b>Lab Sample ID:</b>	1909260-007B
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/29/19 / 9:14		
<b>SDG:</b>			

<b>Prep Method:</b> 5035	<b>Prep Batch Date/Time:</b> 10/1/19 11:08:00AM
<b>Prep Batch ID:</b> 1117092	<b>Prep Analyst:</b> BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
1,3-Dichloropropane	SW8260B	1	2.0	11	ND		ug/Kg	10/01/19	14:37	BP	442822
1,2-Dibromoethane	SW8260B	1	2.0	11	ND		ug/Kg	10/01/19	14:37	BP	442822
Chlorobenzene	SW8260B	1	2.0	11	ND		ug/Kg	10/01/19	14:37	BP	442822
Ethylbenzene	SW8260B	1	1.8	11	ND		ug/Kg	10/01/19	14:37	BP	442822
1,1,1,2-Tetrachloroethane	SW8260B	1	2.1	11	ND		ug/Kg	10/01/19	14:37	BP	442822
m,p-Xylene	SW8260B	1	3.5	11	ND		ug/Kg	10/01/19	14:37	BP	442822
o-Xylene	SW8260B	1	1.9	11	ND		ug/Kg	10/01/19	14:37	BP	442822
Styrene	SW8260B	1	1.8	11	ND		ug/Kg	10/01/19	14:37	BP	442822
Bromoforn	SW8260B	1	1.9	11	ND		ug/Kg	10/01/19	14:37	BP	442822
Isopropyl Benzene	SW8260B	1	1.8	11	ND		ug/Kg	10/01/19	14:37	BP	442822
n-Propylbenzene	SW8260B	1	1.7	11	ND		ug/Kg	10/01/19	14:37	BP	442822
Bromobenzene	SW8260B	1	1.9	11	ND		ug/Kg	10/01/19	14:37	BP	442822
1,1,2,2-Tetrachloroethane	SW8260B	1	2.1	11	ND		ug/Kg	10/01/19	14:37	BP	442822
2-Chlorotoluene	SW8260B	1	2.0	11	ND		ug/Kg	10/01/19	14:37	BP	442822
1,3,5-Trimethylbenzene	SW8260B	1	1.7	11	ND		ug/Kg	10/01/19	14:37	BP	442822
1,2,3-Trichloropropane	SW8260B	1	2.1	11	ND		ug/Kg	10/01/19	14:37	BP	442822
4-Chlorotoluene	SW8260B	1	1.8	11	ND		ug/Kg	10/01/19	14:37	BP	442822
tert-Butylbenzene	SW8260B	1	1.8	11	ND		ug/Kg	10/01/19	14:37	BP	442822
1,2,4-Trimethylbenzene	SW8260B	1	1.5	11	ND		ug/Kg	10/01/19	14:37	BP	442822
sec-Butyl Benzene	SW8260B	1	1.7	11	ND		ug/Kg	10/01/19	14:37	BP	442822
p-Isopropyltoluene	SW8260B	1	1.6	11	ND		ug/Kg	10/01/19	14:37	BP	442822
1,3-Dichlorobenzene	SW8260B	1	1.8	11	ND		ug/Kg	10/01/19	14:37	BP	442822
1,4-Dichlorobenzene	SW8260B	1	1.9	11	ND		ug/Kg	10/01/19	14:37	BP	442822
n-Butylbenzene	SW8260B	1	1.6	11	ND		ug/Kg	10/01/19	14:37	BP	442822
1,2-Dichlorobenzene	SW8260B	1	2.0	11	ND		ug/Kg	10/01/19	14:37	BP	442822
1,2-Dibromo-3-Chloropropane	SW8260B	1	2.0	11	ND		ug/Kg	10/01/19	14:37	BP	442822
Hexachlorobutadiene	SW8260B	1	1.5	11	ND		ug/Kg	10/01/19	14:37	BP	442822
1,2,4-Trichlorobenzene	SW8260B	1	1.6	11	ND		ug/Kg	10/01/19	14:37	BP	442822
Naphthalene	SW8260B	1	1.9	11	ND		ug/Kg	10/01/19	14:37	BP	442822
1,2,3-Trichlorobenzene	SW8260B	1	1.9	11	ND		ug/Kg	10/01/19	14:37	BP	442822
2-Butanone	SW8260B	1	2.5	11	ND		ug/Kg	10/01/19	14:37	BP	442822
(S) Dibromofluoromethane	SW8260B		59.8 - 148		<b>122</b>		%	10/01/19	14:37	BP	442822
(S) Toluene-d8	SW8260B		55.2 - 133		<b>115</b>		%	10/01/19	14:37	BP	442822
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		<b>100</b>		%	10/01/19	14:37	BP	442822





### SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/30/19, 12:25 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-2(39-39.5)	<b>Lab Sample ID:</b>	1909260-007B
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/29/19 / 9:14		
<b>SDG:</b>			

<b>Prep Method:</b> 5035GRO	<b>Prep Batch Date/Time:</b> 10/1/19	11:08:00AM
<b>Prep Batch ID:</b> 1117093	<b>Prep Analyst:</b> BPATEL	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH(Gasoline)	8260TPH	1	48	110	ND		ug/Kg	10/01/19	14:37	bp	442822
(S) 4-Bromofluorobenzene	8260TPH		43.9 - 127		<b>79.3</b>		%	10/01/19	14:37	bp	442822



### SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/30/19, 12:25 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-3(0-0.5)	<b>Lab Sample ID:</b>	1909260-008A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/29/19 / 10:33		
<b>SDG:</b>			

<b>Prep Method:</b> 7471BP	<b>Prep Batch Date/Time:</b> 10/1/19	6:00:00PM
<b>Prep Batch ID:</b> 1117066	<b>Prep Analyst:</b> IRNAZ	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Mercury	SW7471B	1	0.094	0.57	ND		mg/Kg	10/02/19	12:26	BJAY	442813



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/30/19, 12:25 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-3(0-0.5)	<b>Lab Sample ID:</b>	1909260-008A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/29/19 / 10:33		
<b>SDG:</b>			

<b>Prep Method:</b> 3050B	<b>Prep Batch Date/Time:</b> 10/1/19	5:50:00PM
<b>Prep Batch ID:</b> 1117065	<b>Prep Analyst:</b> IRNAZ	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Antimony	SW6010B	1	0.057	5.65	ND		mg/Kg	10/02/19	13:12	PPATEL	442820
Arsenic	SW6010B	1	0.17	1.47	ND		mg/Kg	10/02/19	13:12	PPATEL	442820
Barium	SW6010B	1	0.062	5.65	<b>51.8</b>		mg/Kg	10/02/19	13:12	PPATEL	442820
Beryllium	SW6010B	1	0.062	5.65	ND		mg/Kg	10/02/19	13:12	PPATEL	442820
Cadmium	SW6010B	1	0.11	5.65	ND		mg/Kg	10/02/19	13:12	PPATEL	442820
Chromium	SW6010B	1	0.085	5.65	<b>242</b>		mg/Kg	10/02/19	13:12	PPATEL	442820
Cobalt	SW6010B	1	0.079	5.65	<b>44.9</b>		mg/Kg	10/02/19	13:12	PPATEL	442820
Copper	SW6010B	1	0.23	5.65	<b>19.7</b>		mg/Kg	10/02/19	13:12	PPATEL	442820
Lead	SW6010B	1	0.11	3.39	<b>7.01</b>		mg/Kg	10/02/19	13:12	PPATEL	442820
Molybdenum	SW6010B	1	0.057	5.65	ND		mg/Kg	10/02/19	13:12	PPATEL	442820
Nickel	SW6010B	1	0.57	5.65	<b>864</b>		mg/Kg	10/02/19	13:12	PPATEL	442820
Selenium	SW6010B	1	0.25	5.65	ND		mg/Kg	10/02/19	13:12	PPATEL	442820
Silver	SW6010B	1	0.17	5.65	ND		mg/Kg	10/02/19	13:12	PPATEL	442820
Thallium	SW6010B	1	0.62	5.65	ND		mg/Kg	10/02/19	13:12	PPATEL	442820
Vanadium	SW6010B	1	0.11	5.65	<b>34.1</b>		mg/Kg	10/02/19	13:12	PPATEL	442820
Zinc	SW6010B	1	0.34	5.65	<b>37.6</b>		mg/Kg	10/02/19	13:12	PPATEL	442820



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/30/19, 12:25 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-3(0-0.5)	<b>Lab Sample ID:</b>	1909260-008A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/29/19 / 10:33		
<b>SDG:</b>			

<b>Prep Method:</b> WET/3010B	<b>Prep Batch Date/Time:</b> 10/10/19	3:50:00PM
<b>Prep Batch ID:</b> 1117290	<b>Prep Analyst:</b> BJAY	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Chromium (STLC)	SW6010B	1	0.010	0.20	<b>0.581</b>		mg/L	10/10/19	19:38	PPATEL	443035
Nickel (STLC)	SW6010B	1	0.010	0.20	<b>6.86</b>		mg/L	10/10/19	19:38	PPATEL	443035



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/30/19, 12:25 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-3(0-0.5)	<b>Lab Sample ID:</b>	1909260-008A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/29/19 / 10:33		
<b>SDG:</b>			

<b>Prep Method:</b> 3546_PAHSIM	<b>Prep Batch Date/Time:</b> 10/1/19 10:26:00AM
<b>Prep Batch ID:</b> 1117039	<b>Prep Analyst:</b> SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
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*The results shown below are reported using their MDL.*

Naphthalene	SW8270C	4	6.4	50	ND		ug/Kg	10/01/19	20:28	MT	442817
2-Methylnaphthalene	SW8270C	4	2.8	50	13	J	ug/Kg	10/01/19	20:28	MT	442817
1-Methylnaphthalene	SW8270C	4	2.3	50	3.5	J	ug/Kg	10/01/19	20:28	MT	442817
Acenaphthylene	SW8270C	4	2.3	50	ND		ug/Kg	10/01/19	20:28	MT	442817
Acenaphthene	SW8270C	4	2.0	50	ND		ug/Kg	10/01/19	20:28	MT	442817
Fluorene	SW8270C	4	3.4	50	ND		ug/Kg	10/01/19	20:28	MT	442817
Phenanthrene	SW8270C	4	7.4	50	16	J	ug/Kg	10/01/19	20:28	MT	442817
Anthracene	SW8270C	4	6.7	50	ND		ug/Kg	10/01/19	20:28	MT	442817
Fluoranthene	SW8270C	4	6.7	50	ND		ug/Kg	10/01/19	20:28	MT	442817
Pyrene	SW8270C	4	6.9	50	24	J	ug/Kg	10/01/19	20:28	MT	442817
Benz[a]anthracene	SW8270C	4	5.8	50	20	J	ug/Kg	10/01/19	20:28	MT	442817
Chrysene	SW8270C	4	6.2	50	60		ug/Kg	10/01/19	20:28	MT	442817
Benzo[b]fluoranthene	SW8270C	4	3.1	50	17	J	ug/Kg	10/01/19	20:28	MT	442817
Benzo[k]fluoranthene	SW8270C	4	2.8	50	4.3	J	ug/Kg	10/01/19	20:28	MT	442817
Benzo[a]pyrene	SW8270C	4	3.6	50	17	J	ug/Kg	10/01/19	20:28	MT	442817
Indeno[1,2,3-cd]pyrene	SW8270C	4	2.8	50	8.9	J	ug/Kg	10/01/19	20:28	MT	442817
Dibenz[a,h]anthracene	SW8270C	4	3.4	50	11	J	ug/Kg	10/01/19	20:28	MT	442817
Benzo[g,h,i]perylene	SW8270C	4	3.4	50	51		ug/Kg	10/01/19	20:28	MT	442817
Acceptance Limits											
2-Fluorobiphenyl (S)	SW8270C		45 - 125		0.00	D	%	10/01/19	20:28	MT	442817
p-Terphenyl-d14 (S)	SW8270C		30 - 125		0.00	D	%	10/01/19	20:28	MT	442817

**NOTE:** Sample diluted due to nature of the matrix (extremely dark and viscous extract) and necessary dilution of the sample.



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/30/19, 12:25 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-3(0-0.5)	<b>Lab Sample ID:</b>	1909260-008A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/29/19 / 10:33		
<b>SDG:</b>			

<b>Prep Method:</b> 3546_PCB	<b>Prep Batch Date/Time:</b> 10/1/19 1:30:00PM
<b>Prep Batch ID:</b> 1117046	<b>Prep Analyst:</b> SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Aroclor1016	SW8082A	1	60	110	ND		ug/Kg	10/01/19	21:36	MK	442798
Aroclor1221	SW8082A	1	5.7	110	ND		ug/Kg	10/01/19	21:36	MK	442798
Aroclor1232	SW8082A	1	19	110	ND		ug/Kg	10/01/19	21:36	MK	442798
Aroclor1242	SW8082A	1	3.4	110	ND		ug/Kg	10/01/19	21:36	MK	442798
Aroclor1248	SW8082A	1	2.3	110	ND		ug/Kg	10/01/19	21:36	MK	442798
Aroclor1254	SW8082A	1	2.3	110	ND		ug/Kg	10/01/19	21:36	MK	442798
Aroclor1260	SW8082A	1	41	110	<b>603</b>		ug/Kg	10/01/19	21:36	MK	442798
Acceptance Limits											
TCMX (S)	SW8082A		48 - 125		<b>93.0</b>		%	10/01/19	21:36	MK	442798
DCBP (S)	SW8082A		48 - 135		<b>81.0</b>		%	10/01/19	21:36	MK	442798



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/30/19, 12:25 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-3(0-0.5)	<b>Lab Sample ID:</b>	1909260-008A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/29/19 / 10:33		
<b>SDG:</b>			

<b>Prep Method:</b> 3546_OCP	<b>Prep Batch Date/Time:</b> 10/1/19 1:26:00PM
<b>Prep Batch ID:</b> 1117044	<b>Prep Analyst:</b> SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
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*The results shown below are reported using their MDL.*

alpha-BHC	SW8081B	20	2.9	45	ND		ug/Kg	10/02/19	1:26	MK	442844
gamma-BHC (Lindane)	SW8081B	20	3.6	45	ND		ug/Kg	10/02/19	1:26	MK	442844
beta-BHC	SW8081B	20	7.1	45	ND		ug/Kg	10/02/19	1:26	MK	442844
delta-BHC	SW8081B	20	3.5	45	ND		ug/Kg	10/02/19	1:26	MK	442844
Heptachlor	SW8081B	20	2.4	45	ND		ug/Kg	10/02/19	1:26	MK	442844
Aldrin	SW8081B	20	4.4	45	ND		ug/Kg	10/02/19	1:26	MK	442844
Heptachlor Epoxide	SW8081B	20	1.8	45	ND		ug/Kg	10/02/19	1:26	MK	442844
gamma-Chlordane	SW8081B	20	3.7	45	ND		ug/Kg	10/02/19	1:26	MK	442844
alpha-Chlordane	SW8081B	20	3.9	45	ND		ug/Kg	10/02/19	1:26	MK	442844
4,4'-DDE	SW8081B	20	4.4	45	5.02	J	ug/Kg	10/02/19	1:26	MK	442844
Endosulfan I	SW8081B	20	4.1	45	ND		ug/Kg	10/02/19	1:26	MK	442844
Dieldrin	SW8081B	20	3.3	45	15.4	J	ug/Kg	10/02/19	1:26	MK	442844
Endrin	SW8081B	20	4.2	45	ND		ug/Kg	10/02/19	1:26	MK	442844
4,4'-DDD	SW8081B	20	13	45	ND		ug/Kg	10/02/19	1:26	MK	442844
Endosulfan II	SW8081B	20	13	45	ND		ug/Kg	10/02/19	1:26	MK	442844
4,4'-DDT	SW8081B	20	2.9	45	30.0	J	ug/Kg	10/02/19	1:26	MK	442844
Endrin Aldehyde	SW8081B	20	3.4	45	ND		ug/Kg	10/02/19	1:26	MK	442844
Methoxychlor	SW8081B	20	4.5	45	ND		ug/Kg	10/02/19	1:26	MK	442844
Endosulfan Sulfate	SW8081B	20	2.6	45	ND		ug/Kg	10/02/19	1:26	MK	442844
Endrin Ketone	SW8081B	20	2.1	45	ND		ug/Kg	10/02/19	1:26	MK	442844
Chlordane	SW8081B	20	48	450	ND		ug/Kg	10/02/19	1:26	MK	442844
Toxaphene	SW8081B	20	190	1100	ND		ug/Kg	10/02/19	1:26	MK	442844
Acceptance Limits											
TCMX (S)	SW8081B		48 - 125		0.000	D	%	10/02/19	1:26	MK	442844
DCBP (S)	SW8081B		38 - 135		0.000	D	%	10/02/19	1:26	MK	442844

**NOTE:** Sample diluted due to nature of the matrix (dark, viscous extract)



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/30/19, 12:25 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-3(0-0.5)	<b>Lab Sample ID:</b>	1909260-008A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/29/19 / 10:33		
<b>SDG:</b>			

<b>Prep Method:</b> % Water-P	<b>Prep Batch Date/Time:</b> 10/4/19	6:50:00PM
<b>Prep Batch ID:</b> 1117183	<b>Prep Analyst:</b> BJAY	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Moisture, Percent	ASTM D2216-90	1	0.050	0.050	12.5		%	10/05/19	12:50	BJAY	442909
Dry Weight Factor	ASTM D2216-90	1	1	1	1.13		-	10/05/19	12:50	BJAY	442909





## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/30/19, 12:25 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-3(0-0.5)	<b>Lab Sample ID:</b>	1909260-008A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/29/19 / 10:33		
<b>SDG:</b>			

<b>Prep Method:</b> 3546_BNA	<b>Prep Batch Date/Time:</b> 10/1/19 10:24:00AM
<b>Prep Batch ID:</b> 1117038	<b>Prep Analyst:</b> SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
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*The results shown below are reported using their MDL.*

N-Nitrosodimethylamine	SW8270C	10	1470	22600	ND		ug/Kg	10/03/19	14:21	MT	442802
Phenol	SW8270C	10	1380	9040	ND		ug/Kg	10/03/19	14:21	MT	442802
Bis(2-chloroethyl)ether	SW8270C	10	417	4520	ND		ug/Kg	10/03/19	14:21	MT	442802
2-Chlorophenol	SW8270C	10	1500	9040	ND		ug/Kg	10/03/19	14:21	MT	442802
1,3-Dichlorobenzene	SW8270C	10	412	4520	ND		ug/Kg	10/03/19	14:21	MT	442802
1,4-Dichlorobenzene	SW8270C	10	459	4520	ND		ug/Kg	10/03/19	14:21	MT	442802
Benzyl Alcohol	SW8270C	10	642	9040	ND		ug/Kg	10/03/19	14:21	MT	442802
1,2-Dichlorobenzene	SW8270C	10	424	4520	ND		ug/Kg	10/03/19	14:21	MT	442802
2-Methylphenol (o-Cresol)	SW8270C	10	921	9040	ND		ug/Kg	10/03/19	14:21	MT	442802
N-Methyl-2-Pyrrolidone (NMP)	SW8270C	10	2140	22600	ND		ug/Kg	10/03/19	14:21	MT	442802
3-/4-Methylphenol (p-/m-Cresol)	SW8270C	10	983	9040	ND		ug/Kg	10/03/19	14:21	MT	442802
N-nitroso-di-n-propylamine	SW8270C	10	413	4520	ND		ug/Kg	10/03/19	14:21	MT	442802
Hexachloroethane	SW8270C	10	535	4520	ND		ug/Kg	10/03/19	14:21	MT	442802
Nitrobenzene	SW8270C	10	403	4520	ND		ug/Kg	10/03/19	14:21	MT	442802
Isophorone	SW8270C	10	382	4520	ND		ug/Kg	10/03/19	14:21	MT	442802
2-Nitrophenol	SW8270C	10	796	9040	ND		ug/Kg	10/03/19	14:21	MT	442802
2,4-Dimethylphenol	SW8270C	10	716	9040	ND		ug/Kg	10/03/19	14:21	MT	442802
Benzoic Acid	SW8270C	10	1310	9040	ND		ug/Kg	10/03/19	14:21	MT	442802
Bis(2-Chloroethoxy)methane	SW8270C	10	307	4520	ND		ug/Kg	10/03/19	14:21	MT	442802
Bis(2-chloroisopropyl)ether	SW8270C	10	395	4520	ND		ug/Kg	10/03/19	14:21	MT	442802
2,4-Dichlorophenol	SW8270C	10	1230	9040	ND		ug/Kg	10/03/19	14:21	MT	442802
1,2,4-Trichlorobenzene	SW8270C	10	371	4520	ND		ug/Kg	10/03/19	14:21	MT	442802
2,6-Dichlorophenol	SW8270C	10	1120	9040	ND		ug/Kg	10/03/19	14:21	MT	442802
Hexachloro-1,3-butadiene	SW8270C	10	262	4520	ND		ug/Kg	10/03/19	14:21	MT	442802
4-Chloro-3-methylphenol	SW8270C	10	1060	9040	ND		ug/Kg	10/03/19	14:21	MT	442802
Hexachlorocyclopentadiene	SW8270C	10	406	4520	ND		ug/Kg	10/03/19	14:21	MT	442802
2,4,6-Trichlorophenol	SW8270C	10	1130	9040	ND		ug/Kg	10/03/19	14:21	MT	442802
2,4,5-Trichlorophenol	SW8270C	10	1050	9040	ND		ug/Kg	10/03/19	14:21	MT	442802
2-Chloronaphthalene	SW8270C	10	333	4520	ND		ug/Kg	10/03/19	14:21	MT	442802
1,4-Dinitrobenzene	SW8270C	10	324	4520	ND		ug/Kg	10/03/19	14:21	MT	442802
Dimethyl phthalate	SW8270C	10	444	22600	ND		ug/Kg	10/03/19	14:21	MT	442802
1,3-Dinitrobenzene	SW8270C	10	326	4520	ND		ug/Kg	10/03/19	14:21	MT	442802
2,6-Dinitrotoluene	SW8270C	10	355	4520	ND		ug/Kg	10/03/19	14:21	MT	442802
1,2-Dinitrobenzene	SW8270C	10	495	4520	ND		ug/Kg	10/03/19	14:21	MT	442802



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/30/19, 12:25 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-3(0-0.5)	<b>Lab Sample ID:</b>	1909260-008A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/29/19 / 10:33		
<b>SDG:</b>			

<b>Prep Method:</b> 3546_BNA	<b>Prep Batch Date/Time:</b> 10/1/19 10:24:00AM
<b>Prep Batch ID:</b> 1117038	<b>Prep Analyst:</b> SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
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*The results shown below are reported using their MDL.*

2,4-Dinitrophenol	SW8270C	10	2430	22600	ND		ug/Kg	10/03/19	14:21	MT	442802
4-Nitrophenol	SW8270C	10	1720	22600	ND		ug/Kg	10/03/19	14:21	MT	442802
Dibenzofuran	SW8270C	10	352	4520	ND		ug/Kg	10/03/19	14:21	MT	442802
2,4-Dinitrotoluene	SW8270C	10	379	4520	ND		ug/Kg	10/03/19	14:21	MT	442802
2,3,5,6-Tetrachlorophenol	SW8270C	10	866	9040	ND		ug/Kg	10/03/19	14:21	MT	442802
2,3,4,6-Tetrachlorophenol	SW8270C	10	988	9040	ND		ug/Kg	10/03/19	14:21	MT	442802
Diethylphthalate	SW8270C	10	428	22600	ND		ug/Kg	10/03/19	14:21	MT	442802
4-Chlorophenyl-phenylether	SW8270C	10	292	4520	ND		ug/Kg	10/03/19	14:21	MT	442802
4,6-Dinitro-2-methylphenol	SW8270C	10	420	9040	ND		ug/Kg	10/03/19	14:21	MT	442802
Diphenylamine	SW8270C	10	409	4520	ND		ug/Kg	10/03/19	14:21	MT	442802
4-Bromophenyl-phenylether	SW8270C	10	258	4520	ND		ug/Kg	10/03/19	14:21	MT	442802
Hexachlorobenzene	SW8270C	10	272	4520	ND		ug/Kg	10/03/19	14:21	MT	442802
Pentachlorophenol	SW8270C	10	784	9040	ND		ug/Kg	10/03/19	14:21	MT	442802
Carbazole	SW8270C	10	337	4520	ND		ug/Kg	10/03/19	14:21	MT	442802
Di-n-butylphthalate	SW8270C	10	424	4520	ND		ug/Kg	10/03/19	14:21	MT	442802
Benidine	SW8270C	10	4610	4520	ND		ug/Kg	10/03/19	14:21	MT	442802
Butylbenzylphthalate	SW8270C	10	660	22600	ND		ug/Kg	10/03/19	14:21	MT	442802
Benzo(a)anthracene	SW8270C	10	308	4520	ND		ug/Kg	10/03/19	14:21	MT	442802
3,3-Dichlorobenzidine	SW8270C	10	3690	4520	ND		ug/Kg	10/03/19	14:21	MT	442802
Bis(2-Ethylhexyl)phthalate	SW8270C	10	481	22600	ND		ug/Kg	10/03/19	14:21	MT	442802
Di-n-Octylphthalate	SW8270C	10	385	4520	ND		ug/Kg	10/03/19	14:21	MT	442802
Pyridine	SW8270C	10	1370	22600	ND		ug/Kg	10/03/19	14:21	MT	442802

Acceptance Limits

2-Fluorophenol (S)	SW8270C		25 - 121		<b>0.000</b>	D	%	10/03/19	14:21	MT	442802
Phenol-d6 (S)	SW8270C		24 - 113		<b>0.000</b>	D	%	10/03/19	14:21	MT	442802
2,4,6-Tribromophenol (S)	SW8270C		19 - 122		<b>0.000</b>	D	%	10/03/19	14:21	MT	442802
2-Fluorobiphenyl (S)	SW8270C		45 - 143		<b>0.000</b>	D	%	10/03/19	14:21	MT	442802
Nitrobenzene-d5 (S)	SW8270C		23 - 120		<b>0.000</b>	D	%	10/03/19	14:21	MT	442802
Terphenyl-d14 (S)	SW8270C		18 - 137		<b>0.000</b>	D	%	10/03/19	14:21	MT	442802

**NOTE:** Sample diluted due to nature of the matrix (extremely dark and viscous extract) and necessary dilution of the sample.



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/30/19, 12:25 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-3(0-0.5)	<b>Lab Sample ID:</b>	1909260-008A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/29/19 / 10:33		
<b>SDG:</b>			

<b>Prep Method:</b> 3546_TPH	<b>Prep Batch Date/Time:</b> 10/2/19	10:33:00AM
<b>Prep Batch ID:</b> 1117074	<b>Prep Analyst:</b> MSAT	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel	SW8015B	3	29	68	<b>116</b>	x	mg/Kg	10/03/19	13:35	MK	442815
TPH as Motor Oil	SW8015B	3	110	340	<b>2530</b>		mg/Kg	10/03/19	13:35	MK	442815
			Acceptance Limits								
Pentacosane (S)	SW8015B		59 - 129		<b>0.000</b>	D	%	10/03/19	13:35	MK	442815

**NOTE:** x-Diesel value the result of overlap of Oil range into Diesel range



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/30/19, 12:25 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-3(0-0.5)	<b>Lab Sample ID:</b>	1909260-008B
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/29/19 / 10:33		
<b>SDG:</b>			

<b>Prep Method:</b> 5035	<b>Prep Batch Date/Time:</b> 10/1/19 11:08:00AM
<b>Prep Batch ID:</b> 1117092	<b>Prep Analyst:</b> BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	SW8260B	1	1.5	12	ND		ug/Kg	10/01/19	15:05	BP	442822
Chloromethane	SW8260B	1	2.2	12	ND		ug/Kg	10/01/19	15:05	BP	442822
Vinyl Chloride	SW8260B	1	2.5	12	ND		ug/Kg	10/01/19	15:05	BP	442822
Bromomethane	SW8260B	1	3.3	12	ND		ug/Kg	10/01/19	15:05	BP	442822
Chloroethane	SW8260B	1	3.7	12	ND		ug/Kg	10/01/19	15:05	BP	442822
Trichlorofluoromethane	SW8260B	1	2.5	12	ND		ug/Kg	10/01/19	15:05	BP	442822
1,1-Dichloroethene	SW8260B	1	2.5	12	ND		ug/Kg	10/01/19	15:05	BP	442822
Freon 113	SW8260B	1	2.3	12	ND		ug/Kg	10/01/19	15:05	BP	442822
Methylene Chloride	SW8260B	1	8.6	12	ND		ug/Kg	10/01/19	15:05	BP	442822
trans-1,2-Dichloroethene	SW8260B	1	2.5	12	ND		ug/Kg	10/01/19	15:05	BP	442822
MTBE	SW8260B	1	2.8	12	ND		ug/Kg	10/01/19	15:05	BP	442822
TBA	SW8260B	1	14	61	ND		ug/Kg	10/01/19	15:05	BP	442822
Diisopropyl ether	SW8260B	1	2.8	12	ND		ug/Kg	10/01/19	15:05	BP	442822
1,1-Dichloroethane	SW8260B	1	2.7	12	ND		ug/Kg	10/01/19	15:05	BP	442822
Ethyl tert-Butyl ether	SW8260B	1	2.8	12	ND		ug/Kg	10/01/19	15:05	BP	442822
cis-1,2-Dichloroethene	SW8260B	1	2.7	12	ND		ug/Kg	10/01/19	15:05	BP	442822
2,2-Dichloropropane	SW8260B	1	2.3	12	ND		ug/Kg	10/01/19	15:05	BP	442822
Bromochloromethane	SW8260B	1	2.8	12	ND		ug/Kg	10/01/19	15:05	BP	442822
Chloroform	SW8260B	1	2.9	12	ND		ug/Kg	10/01/19	15:05	BP	442822
Carbon Tetrachloride	SW8260B	1	2.5	12	ND		ug/Kg	10/01/19	15:05	BP	442822
1,1,1-Trichloroethane	SW8260B	1	2.5	12	ND		ug/Kg	10/01/19	15:05	BP	442822
1,1-Dichloropropene	SW8260B	1	2.4	12	ND		ug/Kg	10/01/19	15:05	BP	442822
Benzene	SW8260B	1	2.7	12	ND		ug/Kg	10/01/19	15:05	BP	442822
TAME	SW8260B	1	2.7	12	ND		ug/Kg	10/01/19	15:05	BP	442822
1,2-Dichloroethane	SW8260B	1	2.8	12	ND		ug/Kg	10/01/19	15:05	BP	442822
Trichloroethylene	SW8260B	1	2.2	12	ND		ug/Kg	10/01/19	15:05	BP	442822
Dibromomethane	SW8260B	1	2.2	12	ND		ug/Kg	10/01/19	15:05	BP	442822
1,2-Dichloropropane	SW8260B	1	2.3	12	ND		ug/Kg	10/01/19	15:05	BP	442822
Bromodichloromethane	SW8260B	1	2.4	12	ND		ug/Kg	10/01/19	15:05	BP	442822
cis-1,3-Dichloropropene	SW8260B	1	1.9	12	ND		ug/Kg	10/01/19	15:05	BP	442822
Toluene	SW8260B	1	2.2	12	ND		ug/Kg	10/01/19	15:05	BP	442822
Tetrachloroethylene	SW8260B	1	2.0	12	ND		ug/Kg	10/01/19	15:05	BP	442822
trans-1,3-Dichloropropene	SW8260B	1	2.0	12	ND		ug/Kg	10/01/19	15:05	BP	442822
1,1,2-Trichloroethane	SW8260B	1	2.2	12	ND		ug/Kg	10/01/19	15:05	BP	442822
Dibromochloromethane	SW8260B	1	2.3	12	ND		ug/Kg	10/01/19	15:05	BP	442822



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/30/19, 12:25 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-3(0-0.5)	<b>Lab Sample ID:</b>	1909260-008B
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/29/19 / 10:33		
<b>SDG:</b>			

<b>Prep Method:</b> 5035	<b>Prep Batch Date/Time:</b> 10/1/19 11:08:00AM
<b>Prep Batch ID:</b> 1117092	<b>Prep Analyst:</b> BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
1,3-Dichloropropane	SW8260B	1	2.2	12	ND		ug/Kg	10/01/19	15:05	BP	442822
1,2-Dibromoethane	SW8260B	1	2.2	12	ND		ug/Kg	10/01/19	15:05	BP	442822
Chlorobenzene	SW8260B	1	2.2	12	ND		ug/Kg	10/01/19	15:05	BP	442822
Ethylbenzene	SW8260B	1	2.0	12	ND		ug/Kg	10/01/19	15:05	BP	442822
1,1,1,2-Tetrachloroethane	SW8260B	1	2.3	12	ND		ug/Kg	10/01/19	15:05	BP	442822
m,p-Xylene	SW8260B	1	3.8	12	ND		ug/Kg	10/01/19	15:05	BP	442822
o-Xylene	SW8260B	1	2.1	12	ND		ug/Kg	10/01/19	15:05	BP	442822
Styrene	SW8260B	1	2.0	12	ND		ug/Kg	10/01/19	15:05	BP	442822
Bromoform	SW8260B	1	2.0	12	ND		ug/Kg	10/01/19	15:05	BP	442822
Isopropyl Benzene	SW8260B	1	2.0	12	ND		ug/Kg	10/01/19	15:05	BP	442822
n-Propylbenzene	SW8260B	1	1.9	12	ND		ug/Kg	10/01/19	15:05	BP	442822
Bromobenzene	SW8260B	1	2.1	12	ND		ug/Kg	10/01/19	15:05	BP	442822
1,1,2,2-Tetrachloroethane	SW8260B	1	2.3	12	ND		ug/Kg	10/01/19	15:05	BP	442822
2-Chlorotoluene	SW8260B	1	2.1	12	ND		ug/Kg	10/01/19	15:05	BP	442822
1,3,5-Trimethylbenzene	SW8260B	1	1.9	12	ND		ug/Kg	10/01/19	15:05	BP	442822
1,2,3-Trichloropropane	SW8260B	1	2.3	12	ND		ug/Kg	10/01/19	15:05	BP	442822
4-Chlorotoluene	SW8260B	1	2.0	12	ND		ug/Kg	10/01/19	15:05	BP	442822
tert-Butylbenzene	SW8260B	1	2.0	12	ND		ug/Kg	10/01/19	15:05	BP	442822
1,2,4-Trimethylbenzene	SW8260B	1	1.6	12	ND		ug/Kg	10/01/19	15:05	BP	442822
sec-Butyl Benzene	SW8260B	1	1.9	12	ND		ug/Kg	10/01/19	15:05	BP	442822
p-Isopropyltoluene	SW8260B	1	1.8	12	ND		ug/Kg	10/01/19	15:05	BP	442822
1,3-Dichlorobenzene	SW8260B	1	2.0	12	ND		ug/Kg	10/01/19	15:05	BP	442822
1,4-Dichlorobenzene	SW8260B	1	2.1	12	ND		ug/Kg	10/01/19	15:05	BP	442822
n-Butylbenzene	SW8260B	1	1.8	12	ND		ug/Kg	10/01/19	15:05	BP	442822
1,2-Dichlorobenzene	SW8260B	1	2.1	12	ND		ug/Kg	10/01/19	15:05	BP	442822
1,2-Dibromo-3-Chloropropane	SW8260B	1	2.2	12	ND		ug/Kg	10/01/19	15:05	BP	442822
Hexachlorobutadiene	SW8260B	1	1.7	12	ND		ug/Kg	10/01/19	15:05	BP	442822
1,2,4-Trichlorobenzene	SW8260B	1	1.8	12	ND		ug/Kg	10/01/19	15:05	BP	442822
Naphthalene	SW8260B	1	2.0	12	ND		ug/Kg	10/01/19	15:05	BP	442822
1,2,3-Trichlorobenzene	SW8260B	1	2.0	12	ND		ug/Kg	10/01/19	15:05	BP	442822
2-Butanone	SW8260B	1	2.8	12	ND		ug/Kg	10/01/19	15:05	BP	442822
(S) Dibromofluoromethane	SW8260B		59.8 - 148		131		%	10/01/19	15:05	BP	442822
(S) Toluene-d8	SW8260B		55.2 - 133		117		%	10/01/19	15:05	BP	442822
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		113		%	10/01/19	15:05	BP	442822



### SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/30/19, 12:25 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-3(0-0.5)	<b>Lab Sample ID:</b>	1909260-008B
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/29/19 / 10:33		
<b>SDG:</b>			

<b>Prep Method:</b> 5035GRO	<b>Prep Batch Date/Time:</b> 10/1/19	11:08:00AM
<b>Prep Batch ID:</b> 1117093	<b>Prep Analyst:</b> BPATEL	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH(Gasoline)	8260TPH	1	52	120	ND		ug/Kg	10/01/19	15:05	bp	442822
(S) 4-Bromofluorobenzene	8260TPH		43.9 - 127		<b>63.2</b>		%	10/01/19	15:05	bp	442822



### SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/30/19, 12:25 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-3(0.5-1)	<b>Lab Sample ID:</b>	1909260-009A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/29/19 / 11:02		
<b>SDG:</b>			

<b>Prep Method:</b> 7471BP	<b>Prep Batch Date/Time:</b> 10/1/19	6:00:00PM
<b>Prep Batch ID:</b> 1117066	<b>Prep Analyst:</b> IRNAZ	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Mercury	SW7471B	1	0.099	0.60	ND		mg/Kg	10/02/19	12:33	BJAY	442813



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/30/19, 12:25 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-3(0.5-1)	<b>Lab Sample ID:</b>	1909260-009A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/29/19 / 11:02		
<b>SDG:</b>			

<b>Prep Method:</b> 3050B	<b>Prep Batch Date/Time:</b> 10/1/19	5:50:00PM
<b>Prep Batch ID:</b> 1117065	<b>Prep Analyst:</b> IRNAZ	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Antimony	SW6010B	1	0.060	5.95	ND		mg/Kg	10/02/19	13:21	PPATEL	442820
Arsenic	SW6010B	1	0.18	1.55	<b>4.03</b>		mg/Kg	10/02/19	13:21	PPATEL	442820
Barium	SW6010B	1	0.065	5.95	<b>223</b>		mg/Kg	10/02/19	13:21	PPATEL	442820
Beryllium	SW6010B	1	0.065	5.95	ND		mg/Kg	10/02/19	13:21	PPATEL	442820
Cadmium	SW6010B	1	0.12	5.95	ND		mg/Kg	10/02/19	13:21	PPATEL	442820
Chromium	SW6010B	1	0.089	5.95	<b>123</b>		mg/Kg	10/02/19	13:21	PPATEL	442820
Cobalt	SW6010B	1	0.083	5.95	<b>29.2</b>		mg/Kg	10/02/19	13:21	PPATEL	442820
Copper	SW6010B	1	0.24	5.95	<b>46.6</b>		mg/Kg	10/02/19	13:21	PPATEL	442820
Lead	SW6010B	1	0.12	3.57	<b>158</b>		mg/Kg	10/02/19	13:21	PPATEL	442820
Molybdenum	SW6010B	1	0.060	5.95	ND		mg/Kg	10/02/19	13:21	PPATEL	442820
Nickel	SW6010B	1	0.60	5.95	<b>426</b>		mg/Kg	10/02/19	13:21	PPATEL	442820
Selenium	SW6010B	1	0.26	5.95	ND		mg/Kg	10/02/19	13:21	PPATEL	442820
Silver	SW6010B	1	0.18	5.95	ND		mg/Kg	10/02/19	13:21	PPATEL	442820
Thallium	SW6010B	1	0.65	5.95	ND		mg/Kg	10/02/19	13:21	PPATEL	442820
Vanadium	SW6010B	1	0.12	5.95	<b>43.9</b>		mg/Kg	10/02/19	13:21	PPATEL	442820
Zinc	SW6010B	1	0.36	5.95	<b>135</b>		mg/Kg	10/02/19	13:21	PPATEL	442820





## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/30/19, 12:25 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-3(0.5-1)	<b>Lab Sample ID:</b>	1909260-009A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/29/19 / 11:02		
<b>SDG:</b>			

<b>Prep Method:</b> WET/3010B	<b>Prep Batch Date/Time:</b> 10/10/19 3:50:00PM
<b>Prep Batch ID:</b> 1117290	<b>Prep Analyst:</b> BJAY

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Chromium (STLC)	SW6010B	1	0.010	0.20	<b>0.299</b>		mg/L	10/10/19	19:41	PPATEL	443035
Lead (STLC)	SW6010B	1	0.050	0.20	<b>17.7</b>		mg/L	10/10/19	19:41	PPATEL	443035
Nickel (STLC)	SW6010B	1	0.010	0.20	<b>2.42</b>		mg/L	10/10/19	19:41	PPATEL	443035



### SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/30/19, 12:25 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-3(0.5-1)	<b>Lab Sample ID:</b>	1909260-009A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/29/19 / 11:02		
<b>SDG:</b>			

<b>Prep Method:</b> 1311/3010B	<b>Prep Batch Date/Time:</b> 10/24/19	1:40:00PM
<b>Prep Batch ID:</b> 1117656	<b>Prep Analyst:</b> VTSUI	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Lead (TCLP)	SW6010B	1	0.050	0.20	ND		mg/L	10/24/19	19:37	PPATEL	443377



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/30/19, 12:25 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-3(0.5-1)	<b>Lab Sample ID:</b>	1909260-009A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/29/19 / 11:02		
<b>SDG:</b>			

<b>Prep Method:</b> 3546_PAHSIM	<b>Prep Batch Date/Time:</b> 10/1/19 10:26:00AM
<b>Prep Batch ID:</b> 1117039	<b>Prep Analyst:</b> SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
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*The results shown below are reported using their MDL.*

Naphthalene	SW8270C	2	1.2	9.4	<b>12</b>		ug/Kg	10/01/19	20:57	MT	442817
2-Methylnaphthalene	SW8270C	2	0.53	9.4	<b>11</b>		ug/Kg	10/01/19	20:57	MT	442817
1-Methylnaphthalene	SW8270C	2	0.44	9.4	<b>7.8</b>	J	ug/Kg	10/01/19	20:57	MT	442817
Acenaphthylene	SW8270C	2	0.44	9.4	<b>2.4</b>	J	ug/Kg	10/01/19	20:57	MT	442817
Acenaphthene	SW8270C	2	0.39	9.4	<b>4.9</b>	J	ug/Kg	10/01/19	20:57	MT	442817
Fluorene	SW8270C	2	0.64	9.4	<b>3.6</b>	J	ug/Kg	10/01/19	20:57	MT	442817
Phenanthrene	SW8270C	2	1.4	9.4	<b>41</b>		ug/Kg	10/01/19	20:57	MT	442817
Anthracene	SW8270C	2	1.3	9.4	<b>10</b>		ug/Kg	10/01/19	20:57	MT	442817
Fluoranthene	SW8270C	2	1.3	9.4	<b>56</b>		ug/Kg	10/01/19	20:57	MT	442817
Pyrene	SW8270C	2	1.3	9.4	<b>53</b>		ug/Kg	10/01/19	20:57	MT	442817
Benz[a]anthracene	SW8270C	2	1.1	9.4	<b>34</b>		ug/Kg	10/01/19	20:57	MT	442817
Chrysene	SW8270C	2	1.2	9.4	<b>40</b>		ug/Kg	10/01/19	20:57	MT	442817
Benzo[b]fluoranthene	SW8270C	2	0.58	9.4	<b>48</b>		ug/Kg	10/01/19	20:57	MT	442817
Benzo[k]fluoranthene	SW8270C	2	0.54	9.4	<b>17</b>		ug/Kg	10/01/19	20:57	MT	442817
Benzo[a]pyrene	SW8270C	2	0.68	9.4	<b>38</b>		ug/Kg	10/01/19	20:57	MT	442817
Indeno[1,2,3-cd]pyrene	SW8270C	2	0.52	9.4	<b>36</b>		ug/Kg	10/01/19	20:57	MT	442817
Dibenz[a,h]anthracene	SW8270C	2	0.65	9.4	<b>8.4</b>	J	ug/Kg	10/01/19	20:57	MT	442817
Benzo[g,h,i]perylene	SW8270C	2	0.64	9.4	<b>34</b>		ug/Kg	10/01/19	20:57	MT	442817
Acceptance Limits											
2-Fluorobiphenyl (S)	SW8270C		45 - 125		<b>74</b>		%	10/01/19	20:57	MT	442817
p-Terphenyl-d14 (S)	SW8270C		30 - 125		<b>74</b>		%	10/01/19	20:57	MT	442817

**NOTE:** Sample diluted due to nature of the matrix (dark, viscous extract)



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/30/19, 12:25 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-3(0.5-1)	<b>Lab Sample ID:</b>	1909260-009A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/29/19 / 11:02		
<b>SDG:</b>			

<b>Prep Method:</b> 3546_PCB	<b>Prep Batch Date/Time:</b> 10/1/19 1:30:00PM
<b>Prep Batch ID:</b> 1117046	<b>Prep Analyst:</b> SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Aroclor1016	SW8082A	1	63	120	ND		ug/Kg	10/01/19	21:51	MK	442798
Aroclor1221	SW8082A	1	6.0	120	ND		ug/Kg	10/01/19	21:51	MK	442798
Aroclor1232	SW8082A	1	20	120	ND		ug/Kg	10/01/19	21:51	MK	442798
Aroclor1242	SW8082A	1	3.6	120	ND		ug/Kg	10/01/19	21:51	MK	442798
Aroclor1248	SW8082A	1	2.4	120	ND		ug/Kg	10/01/19	21:51	MK	442798
Aroclor1254	SW8082A	1	2.4	120	ND		ug/Kg	10/01/19	21:51	MK	442798
Aroclor1260	SW8082A	1	43	120	ND		ug/Kg	10/01/19	21:51	MK	442798
Acceptance Limits											
TCMX (S)	SW8082A		48 - 125		<b>84.0</b>		%	10/01/19	21:51	MK	442798
DCBP (S)	SW8082A		48 - 135		<b>74.0</b>		%	10/01/19	21:51	MK	442798



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/30/19, 12:25 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-3(0.5-1)	<b>Lab Sample ID:</b>	1909260-009A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/29/19 / 11:02		
<b>SDG:</b>			

<b>Prep Method:</b> 3546_OCP	<b>Prep Batch Date/Time:</b> 10/1/19 1:26:00PM
<b>Prep Batch ID:</b> 1117044	<b>Prep Analyst:</b> SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
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*The results shown below are reported using their MDL.*

alpha-BHC	SW8081B	10	1.5	24	ND		ug/Kg	10/02/19	1:39	MK	442844
gamma-BHC (Lindane)	SW8081B	10	1.9	24	ND		ug/Kg	10/02/19	1:39	MK	442844
beta-BHC	SW8081B	10	3.8	24	ND		ug/Kg	10/02/19	1:39	MK	442844
delta-BHC	SW8081B	10	1.8	24	ND		ug/Kg	10/02/19	1:39	MK	442844
Heptachlor	SW8081B	10	1.3	24	ND		ug/Kg	10/02/19	1:39	MK	442844
Aldrin	SW8081B	10	2.3	24	ND		ug/Kg	10/02/19	1:39	MK	442844
Heptachlor Epoxide	SW8081B	10	0.93	24	ND		ug/Kg	10/02/19	1:39	MK	442844
gamma-Chlordane	SW8081B	10	1.9	24	<b>3.50</b>	J	ug/Kg	10/02/19	1:39	MK	442844
alpha-Chlordane	SW8081B	10	2.1	24	<b>2.45</b>	J	ug/Kg	10/02/19	1:39	MK	442844
4,4'-DDE	SW8081B	10	2.3	24	<b>6.66</b>	J	ug/Kg	10/02/19	1:39	MK	442844
Endosulfan I	SW8081B	10	2.2	24	ND		ug/Kg	10/02/19	1:39	MK	442844
Dieldrin	SW8081B	10	1.8	24	<b>3.20</b>	J	ug/Kg	10/02/19	1:39	MK	442844
Endrin	SW8081B	10	2.2	24	ND		ug/Kg	10/02/19	1:39	MK	442844
4,4'-DDD	SW8081B	10	6.7	24	ND		ug/Kg	10/02/19	1:39	MK	442844
Endosulfan II	SW8081B	10	6.9	24	ND		ug/Kg	10/02/19	1:39	MK	442844
4,4'-DDT	SW8081B	10	1.5	24	<b>13.4</b>	J	ug/Kg	10/02/19	1:39	MK	442844
Endrin Aldehyde	SW8081B	10	1.8	24	ND		ug/Kg	10/02/19	1:39	MK	442844
Methoxychlor	SW8081B	10	2.4	24	ND		ug/Kg	10/02/19	1:39	MK	442844
Endosulfan Sulfate	SW8081B	10	1.4	24	ND		ug/Kg	10/02/19	1:39	MK	442844
Endrin Ketone	SW8081B	10	1.1	24	ND		ug/Kg	10/02/19	1:39	MK	442844
Chlordane	SW8081B	10	25	240	ND		ug/Kg	10/02/19	1:39	MK	442844
Toxaphene	SW8081B	10	100	600	ND		ug/Kg	10/02/19	1:39	MK	442844
Acceptance Limits											
TCMX (S)	SW8081B		48 - 125		<b>94.3</b>		%	10/02/19	1:39	MK	442844
DCBP (S)	SW8081B		38 - 135		<b>83.2</b>		%	10/02/19	1:39	MK	442844

**NOTE:** Sample diluted due to nature of the matrix (dark, viscous extract)



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/30/19, 12:25 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-3(0.5-1)	<b>Lab Sample ID:</b>	1909260-009A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/29/19 / 11:02		
<b>SDG:</b>			

<b>Prep Method:</b> % Water-P	<b>Prep Batch Date/Time:</b> 10/4/19	6:50:00PM
<b>Prep Batch ID:</b> 1117183	<b>Prep Analyst:</b> BJAY	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Moisture, Percent	ASTM D2216-90	1	0.050	0.050	19.3		%	10/05/19	12:50	BJAY	442909
Dry Weight Factor	ASTM D2216-90	1	1	1	1.19		-	10/05/19	12:50	BJAY	442909



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/30/19, 12:25 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-3(0.5-1)	<b>Lab Sample ID:</b>	1909260-009A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/29/19 / 11:02		
<b>SDG:</b>			

<b>Prep Method:</b> 3546_BNA	<b>Prep Batch Date/Time:</b> 10/1/19 10:24:00AM
<b>Prep Batch ID:</b> 1117038	<b>Prep Analyst:</b> SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
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*The results shown below are reported using their MDL.*

N-Nitrosodimethylamine	SW8270C	2	112	1710	ND		ug/Kg	10/03/19	14:51	MT	442802
Phenol	SW8270C	2	104	685	ND		ug/Kg	10/03/19	14:51	MT	442802
Bis(2-chloroethyl)ether	SW8270C	2	31.6	343	ND		ug/Kg	10/03/19	14:51	MT	442802
2-Chlorophenol	SW8270C	2	114	685	ND		ug/Kg	10/03/19	14:51	MT	442802
1,3-Dichlorobenzene	SW8270C	2	31.3	343	ND		ug/Kg	10/03/19	14:51	MT	442802
1,4-Dichlorobenzene	SW8270C	2	34.8	343	ND		ug/Kg	10/03/19	14:51	MT	442802
Benzyl Alcohol	SW8270C	2	48.7	685	ND		ug/Kg	10/03/19	14:51	MT	442802
1,2-Dichlorobenzene	SW8270C	2	32.1	343	ND		ug/Kg	10/03/19	14:51	MT	442802
2-Methylphenol (o-Cresol)	SW8270C	2	69.8	685	ND		ug/Kg	10/03/19	14:51	MT	442802
N-Methyl-2-Pyrrolidone (NMP)	SW8270C	2	162	1710	ND		ug/Kg	10/03/19	14:51	MT	442802
3-/4-Methylphenol (p-/m-Cresol)	SW8270C	2	74.5	685	ND		ug/Kg	10/03/19	14:51	MT	442802
N-nitroso-di-n-propylamine	SW8270C	2	31.3	343	ND		ug/Kg	10/03/19	14:51	MT	442802
Hexachloroethane	SW8270C	2	40.6	343	ND		ug/Kg	10/03/19	14:51	MT	442802
Nitrobenzene	SW8270C	2	30.6	343	ND		ug/Kg	10/03/19	14:51	MT	442802
Isophorone	SW8270C	2	29.0	343	ND		ug/Kg	10/03/19	14:51	MT	442802
2-Nitrophenol	SW8270C	2	60.4	685	ND		ug/Kg	10/03/19	14:51	MT	442802
2,4-Dimethylphenol	SW8270C	2	54.3	685	ND		ug/Kg	10/03/19	14:51	MT	442802
Benzoic Acid	SW8270C	2	99.3	685	ND		ug/Kg	10/03/19	14:51	MT	442802
Bis(2-Chloroethoxy)methane	SW8270C	2	23.3	343	ND		ug/Kg	10/03/19	14:51	MT	442802
Bis(2-chloroisopropyl)ether	SW8270C	2	30.0	343	ND		ug/Kg	10/03/19	14:51	MT	442802
2,4-Dichlorophenol	SW8270C	2	93.5	685	ND		ug/Kg	10/03/19	14:51	MT	442802
1,2,4-Trichlorobenzene	SW8270C	2	28.2	343	ND		ug/Kg	10/03/19	14:51	MT	442802
2,6-Dichlorophenol	SW8270C	2	85.2	685	ND		ug/Kg	10/03/19	14:51	MT	442802
Hexachloro-1,3-butadiene	SW8270C	2	19.8	343	ND		ug/Kg	10/03/19	14:51	MT	442802
4-Chloro-3-methylphenol	SW8270C	2	80.4	685	ND		ug/Kg	10/03/19	14:51	MT	442802
Hexachlorocyclopentadiene	SW8270C	2	30.8	343	ND		ug/Kg	10/03/19	14:51	MT	442802
2,4,6-Trichlorophenol	SW8270C	2	85.6	685	ND		ug/Kg	10/03/19	14:51	MT	442802
2,4,5-Trichlorophenol	SW8270C	2	79.5	685	ND		ug/Kg	10/03/19	14:51	MT	442802
2-Chloronaphthalene	SW8270C	2	25.2	343	ND		ug/Kg	10/03/19	14:51	MT	442802
1,4-Dinitrobenzene	SW8270C	2	24.6	343	ND		ug/Kg	10/03/19	14:51	MT	442802
Dimethyl phthalate	SW8270C	2	33.7	1710	ND		ug/Kg	10/03/19	14:51	MT	442802
1,3-Dinitrobenzene	SW8270C	2	24.7	343	ND		ug/Kg	10/03/19	14:51	MT	442802
2,6-Dinitrotoluene	SW8270C	2	26.9	343	ND		ug/Kg	10/03/19	14:51	MT	442802
1,2-Dinitrobenzene	SW8270C	2	37.5	343	ND		ug/Kg	10/03/19	14:51	MT	442802



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/30/19, 12:25 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-3(0.5-1)	<b>Lab Sample ID:</b>	1909260-009A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/29/19 / 11:02		
<b>SDG:</b>			

<b>Prep Method:</b> 3546_BNA	<b>Prep Batch Date/Time:</b> 10/1/19 10:24:00AM
<b>Prep Batch ID:</b> 1117038	<b>Prep Analyst:</b> SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
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*The results shown below are reported using their MDL.*

2,4-Dinitrophenol	SW8270C	2	185	1710	ND		ug/Kg	10/03/19	14:51	MT	442802
4-Nitrophenol	SW8270C	2	130	1710	ND		ug/Kg	10/03/19	14:51	MT	442802
Dibenzofuran	SW8270C	2	26.7	343	ND		ug/Kg	10/03/19	14:51	MT	442802
2,4-Dinitrotoluene	SW8270C	2	28.8	343	ND		ug/Kg	10/03/19	14:51	MT	442802
2,3,5,6-Tetrachlorophenol	SW8270C	2	65.7	685	ND		ug/Kg	10/03/19	14:51	MT	442802
2,3,4,6-Tetrachlorophenol	SW8270C	2	74.9	685	ND		ug/Kg	10/03/19	14:51	MT	442802
Diethylphthalate	SW8270C	2	32.4	1710	ND		ug/Kg	10/03/19	14:51	MT	442802
4-Chlorophenyl-phenylether	SW8270C	2	22.2	343	ND		ug/Kg	10/03/19	14:51	MT	442802
4,6-Dinitro-2-methylphenol	SW8270C	2	31.8	685	ND		ug/Kg	10/03/19	14:51	MT	442802
Diphenylamine	SW8270C	2	31.0	343	ND		ug/Kg	10/03/19	14:51	MT	442802
4-Bromophenyl-phenylether	SW8270C	2	19.6	343	ND		ug/Kg	10/03/19	14:51	MT	442802
Hexachlorobenzene	SW8270C	2	20.6	343	ND		ug/Kg	10/03/19	14:51	MT	442802
Pentachlorophenol	SW8270C	2	59.5	685	ND		ug/Kg	10/03/19	14:51	MT	442802
Carbazole	SW8270C	2	25.6	343	ND		ug/Kg	10/03/19	14:51	MT	442802
Di-n-butylphthalate	SW8270C	2	32.1	343	ND		ug/Kg	10/03/19	14:51	MT	442802
Benzidine	SW8270C	2	350	343	ND		ug/Kg	10/03/19	14:51	MT	442802
Butylbenzylphthalate	SW8270C	2	50.1	1710	ND		ug/Kg	10/03/19	14:51	MT	442802
Benzo(a)anthracene	SW8270C	2	23.3	343	46.0	J	ug/Kg	10/03/19	14:51	MT	442802
3,3-Dichlorobenzidine	SW8270C	2	280	343	ND		ug/Kg	10/03/19	14:51	MT	442802
Bis(2-Ethylhexyl)phthalate	SW8270C	2	36.5	1710	41.5	J	ug/Kg	10/03/19	14:51	MT	442802
Di-n-Octylphthalate	SW8270C	2	29.2	343	ND		ug/Kg	10/03/19	14:51	MT	442802
Pyridine	SW8270C	2	104	1710	ND		ug/Kg	10/03/19	14:51	MT	442802
Acceptance Limits											
2-Fluorophenol (S)	SW8270C		25 - 121		87.3		%	10/03/19	14:51	MT	442802
Phenol-d6 (S)	SW8270C		24 - 113		89.2		%	10/03/19	14:51	MT	442802
2,4,6-Tribromophenol (S)	SW8270C		19 - 122		85.8		%	10/03/19	14:51	MT	442802
2-Fluorobiphenyl (S)	SW8270C		45 - 143		91.1		%	10/03/19	14:51	MT	442802
Nitrobenzene-d5 (S)	SW8270C		23 - 120		82.5		%	10/03/19	14:51	MT	442802
Terphenyl-d14 (S)	SW8270C		18 - 137		98.3		%	10/03/19	14:51	MT	442802

**NOTE:** Sample diluted due to nature of the matrix (dark, viscous extract)





## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/30/19, 12:25 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-3(0.5-1)	<b>Lab Sample ID:</b>	1909260-009A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/29/19 / 11:02		
<b>SDG:</b>			

<b>Prep Method:</b> 3546_TPH	<b>Prep Batch Date/Time:</b> 10/2/19	10:33:00AM
<b>Prep Batch ID:</b> 1117074	<b>Prep Analyst:</b> MSAT	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel	SW8015B	1	4.0	9.5	<b>18.2</b>	x	mg/Kg	10/02/19	18:39	MK	442815
TPH as Motor Oil	SW8015B	1	15	48	<b>252</b>		mg/Kg	10/02/19	18:39	MK	442815
			Acceptance Limits								
Pentacosane (S)	SW8015B		59 - 129		<b>85.7</b>		%	10/02/19	18:39	MK	442815

**NOTE:** x-Diesel value the result of overlap of Oil range into Diesel range



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/30/19, 12:25 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-3(0.5-1)	<b>Lab Sample ID:</b>	1909260-009B
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/29/19 / 11:02		
<b>SDG:</b>			

<b>Prep Method:</b> 5035	<b>Prep Batch Date/Time:</b> 10/1/19 11:08:00AM
<b>Prep Batch ID:</b> 1117092	<b>Prep Analyst:</b> BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	SW8260B	1	1.4	11	ND		ug/Kg	10/01/19	15:34	BP	442822
Chloromethane	SW8260B	1	2.1	11	ND		ug/Kg	10/01/19	15:34	BP	442822
Vinyl Chloride	SW8260B	1	2.3	11	ND		ug/Kg	10/01/19	15:34	BP	442822
Bromomethane	SW8260B	1	3.0	11	ND		ug/Kg	10/01/19	15:34	BP	442822
Chloroethane	SW8260B	1	3.4	11	ND		ug/Kg	10/01/19	15:34	BP	442822
Trichlorofluoromethane	SW8260B	1	2.3	11	ND		ug/Kg	10/01/19	15:34	BP	442822
1,1-Dichloroethene	SW8260B	1	2.3	11	ND		ug/Kg	10/01/19	15:34	BP	442822
Freon 113	SW8260B	1	2.1	11	ND		ug/Kg	10/01/19	15:34	BP	442822
Methylene Chloride	SW8260B	1	8.0	11	ND		ug/Kg	10/01/19	15:34	BP	442822
trans-1,2-Dichloroethene	SW8260B	1	2.4	11	ND		ug/Kg	10/01/19	15:34	BP	442822
MTBE	SW8260B	1	2.6	11	ND		ug/Kg	10/01/19	15:34	BP	442822
TBA	SW8260B	1	13	56	ND		ug/Kg	10/01/19	15:34	BP	442822
Diisopropyl ether	SW8260B	1	2.6	11	ND		ug/Kg	10/01/19	15:34	BP	442822
1,1-Dichloroethane	SW8260B	1	2.5	11	ND		ug/Kg	10/01/19	15:34	BP	442822
Ethyl tert-Butyl ether	SW8260B	1	2.6	11	ND		ug/Kg	10/01/19	15:34	BP	442822
cis-1,2-Dichloroethene	SW8260B	1	2.5	11	ND		ug/Kg	10/01/19	15:34	BP	442822
2,2-Dichloropropane	SW8260B	1	2.2	11	ND		ug/Kg	10/01/19	15:34	BP	442822
Bromochloromethane	SW8260B	1	2.6	11	ND		ug/Kg	10/01/19	15:34	BP	442822
Chloroform	SW8260B	1	2.7	11	ND		ug/Kg	10/01/19	15:34	BP	442822
Carbon Tetrachloride	SW8260B	1	2.3	11	ND		ug/Kg	10/01/19	15:34	BP	442822
1,1,1-Trichloroethane	SW8260B	1	2.4	11	ND		ug/Kg	10/01/19	15:34	BP	442822
1,1-Dichloropropene	SW8260B	1	2.2	11	ND		ug/Kg	10/01/19	15:34	BP	442822
Benzene	SW8260B	1	2.5	11	ND		ug/Kg	10/01/19	15:34	BP	442822
TAME	SW8260B	1	2.6	11	ND		ug/Kg	10/01/19	15:34	BP	442822
1,2-Dichloroethane	SW8260B	1	2.6	11	ND		ug/Kg	10/01/19	15:34	BP	442822
Trichloroethylene	SW8260B	1	2.0	11	ND		ug/Kg	10/01/19	15:34	BP	442822
Dibromomethane	SW8260B	1	2.1	11	ND		ug/Kg	10/01/19	15:34	BP	442822
1,2-Dichloropropane	SW8260B	1	2.1	11	ND		ug/Kg	10/01/19	15:34	BP	442822
Bromodichloromethane	SW8260B	1	2.2	11	ND		ug/Kg	10/01/19	15:34	BP	442822
cis-1,3-Dichloropropene	SW8260B	1	1.8	11	ND		ug/Kg	10/01/19	15:34	BP	442822
Toluene	SW8260B	1	2.1	11	ND		ug/Kg	10/01/19	15:34	BP	442822
Tetrachloroethylene	SW8260B	1	1.9	11	ND		ug/Kg	10/01/19	15:34	BP	442822
trans-1,3-Dichloropropene	SW8260B	1	1.9	11	ND		ug/Kg	10/01/19	15:34	BP	442822
1,1,2-Trichloroethane	SW8260B	1	2.1	11	ND		ug/Kg	10/01/19	15:34	BP	442822
Dibromochloromethane	SW8260B	1	2.1	11	ND		ug/Kg	10/01/19	15:34	BP	442822



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/30/19, 12:25 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-3(0.5-1)	<b>Lab Sample ID:</b>	1909260-009B
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/29/19 / 11:02		
<b>SDG:</b>			

<b>Prep Method:</b> 5035	<b>Prep Batch Date/Time:</b> 10/1/19 11:08:00AM
<b>Prep Batch ID:</b> 1117092	<b>Prep Analyst:</b> BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
1,3-Dichloropropane	SW8260B	1	2.1	11	ND		ug/Kg	10/01/19	15:34	BP	442822
1,2-Dibromoethane	SW8260B	1	2.0	11	ND		ug/Kg	10/01/19	15:34	BP	442822
Chlorobenzene	SW8260B	1	2.0	11	ND		ug/Kg	10/01/19	15:34	BP	442822
Ethylbenzene	SW8260B	1	1.9	11	ND		ug/Kg	10/01/19	15:34	BP	442822
1,1,1,2-Tetrachloroethane	SW8260B	1	2.2	11	ND		ug/Kg	10/01/19	15:34	BP	442822
m,p-Xylene	SW8260B	1	3.6	11	ND		ug/Kg	10/01/19	15:34	BP	442822
o-Xylene	SW8260B	1	1.9	11	ND		ug/Kg	10/01/19	15:34	BP	442822
Styrene	SW8260B	1	1.9	11	ND		ug/Kg	10/01/19	15:34	BP	442822
Bromoforn	SW8260B	1	1.9	11	ND		ug/Kg	10/01/19	15:34	BP	442822
Isopropyl Benzene	SW8260B	1	1.8	11	ND		ug/Kg	10/01/19	15:34	BP	442822
n-Propylbenzene	SW8260B	1	1.8	11	ND		ug/Kg	10/01/19	15:34	BP	442822
Bromobenzene	SW8260B	1	2.0	11	ND		ug/Kg	10/01/19	15:34	BP	442822
1,1,2,2-Tetrachloroethane	SW8260B	1	2.2	11	ND		ug/Kg	10/01/19	15:34	BP	442822
2-Chlorotoluene	SW8260B	1	2.0	11	ND		ug/Kg	10/01/19	15:34	BP	442822
1,3,5-Trimethylbenzene	SW8260B	1	1.8	11	ND		ug/Kg	10/01/19	15:34	BP	442822
1,2,3-Trichloropropane	SW8260B	1	2.1	11	ND		ug/Kg	10/01/19	15:34	BP	442822
4-Chlorotoluene	SW8260B	1	1.9	11	ND		ug/Kg	10/01/19	15:34	BP	442822
tert-Butylbenzene	SW8260B	1	1.8	11	ND		ug/Kg	10/01/19	15:34	BP	442822
1,2,4-Trimethylbenzene	SW8260B	1	1.5	11	ND		ug/Kg	10/01/19	15:34	BP	442822
sec-Butyl Benzene	SW8260B	1	1.8	11	ND		ug/Kg	10/01/19	15:34	BP	442822
p-Isopropyltoluene	SW8260B	1	1.7	11	ND		ug/Kg	10/01/19	15:34	BP	442822
1,3-Dichlorobenzene	SW8260B	1	1.9	11	ND		ug/Kg	10/01/19	15:34	BP	442822
1,4-Dichlorobenzene	SW8260B	1	1.9	11	ND		ug/Kg	10/01/19	15:34	BP	442822
n-Butylbenzene	SW8260B	1	1.6	11	ND		ug/Kg	10/01/19	15:34	BP	442822
1,2-Dichlorobenzene	SW8260B	1	2.0	11	ND		ug/Kg	10/01/19	15:34	BP	442822
1,2-Dibromo-3-Chloropropane	SW8260B	1	2.1	11	ND		ug/Kg	10/01/19	15:34	BP	442822
Hexachlorobutadiene	SW8260B	1	1.5	11	ND		ug/Kg	10/01/19	15:34	BP	442822
1,2,4-Trichlorobenzene	SW8260B	1	1.7	11	ND		ug/Kg	10/01/19	15:34	BP	442822
Naphthalene	SW8260B	1	1.9	11	ND		ug/Kg	10/01/19	15:34	BP	442822
1,2,3-Trichlorobenzene	SW8260B	1	1.9	11	ND		ug/Kg	10/01/19	15:34	BP	442822
2-Butanone	SW8260B	1	2.6	11	ND		ug/Kg	10/01/19	15:34	BP	442822
(S) Dibromofluoromethane	SW8260B		59.8 - 148		<b>132</b>		%	10/01/19	15:34	BP	442822
(S) Toluene-d8	SW8260B		55.2 - 133		<b>114</b>		%	10/01/19	15:34	BP	442822
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		<b>104</b>		%	10/01/19	15:34	BP	442822



### SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/30/19, 12:25 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-3(0.5-1)	<b>Lab Sample ID:</b>	1909260-009B
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/29/19 / 11:02		
<b>SDG:</b>			

<b>Prep Method:</b> 5035GRO	<b>Prep Batch Date/Time:</b> 10/1/19	11:08:00AM
<b>Prep Batch ID:</b> 1117093	<b>Prep Analyst:</b> BPATEL	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH(Gasoline)	8260TPH	1	49	110	ND		ug/Kg	10/01/19	15:34	bp	442822
(S) 4-Bromofluorobenzene	8260TPH		43.9 - 127		<b>71.8</b>		%	10/01/19	15:34	bp	442822



### SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/30/19, 12:25 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-3(3-3.5)	<b>Lab Sample ID:</b>	1909260-010A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/29/19 / 11:05		
<b>SDG:</b>			

<b>Prep Method:</b> 7471BP	<b>Prep Batch Date/Time:</b> 10/1/19	6:00:00PM
<b>Prep Batch ID:</b> 1117066	<b>Prep Analyst:</b> IRNAZ	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Mercury	SW7471B	1	0.10	0.60	ND		mg/Kg	10/02/19	12:35	BJAY	442813



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/30/19, 12:25 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-3(3-3.5)	<b>Lab Sample ID:</b>	1909260-010A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/29/19 / 11:05		
<b>SDG:</b>			

<b>Prep Method:</b> 3050B	<b>Prep Batch Date/Time:</b> 10/1/19	5:50:00PM
<b>Prep Batch ID:</b> 1117065	<b>Prep Analyst:</b> IRNAZ	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Antimony	SW6010B	1	0.060	6.00	ND		mg/Kg	10/02/19	13:24	PPATEL	442820
Arsenic	SW6010B	1	0.18	1.56	<b>10.5</b>		mg/Kg	10/02/19	13:24	PPATEL	442820
Barium	SW6010B	1	0.066	6.00	<b>241</b>		mg/Kg	10/02/19	13:24	PPATEL	442820
Beryllium	SW6010B	1	0.066	6.00	ND		mg/Kg	10/02/19	13:24	PPATEL	442820
Cadmium	SW6010B	1	0.12	6.00	ND		mg/Kg	10/02/19	13:24	PPATEL	442820
Chromium	SW6010B	1	0.090	6.00	<b>65.4</b>		mg/Kg	10/02/19	13:24	PPATEL	442820
Cobalt	SW6010B	1	0.084	6.00	<b>15.8</b>		mg/Kg	10/02/19	13:24	PPATEL	442820
Copper	SW6010B	1	0.24	6.00	<b>47.8</b>		mg/Kg	10/02/19	13:24	PPATEL	442820
Lead	SW6010B	1	0.12	3.60	<b>148</b>		mg/Kg	10/02/19	13:24	PPATEL	442820
Molybdenum	SW6010B	1	0.060	6.00	ND		mg/Kg	10/02/19	13:24	PPATEL	442820
Nickel	SW6010B	1	0.60	6.00	<b>112</b>		mg/Kg	10/02/19	13:24	PPATEL	442820
Selenium	SW6010B	1	0.26	6.00	ND		mg/Kg	10/02/19	13:24	PPATEL	442820
Silver	SW6010B	1	0.18	6.00	ND		mg/Kg	10/02/19	13:24	PPATEL	442820
Thallium	SW6010B	1	0.66	6.00	ND		mg/Kg	10/02/19	13:24	PPATEL	442820
Vanadium	SW6010B	1	0.12	6.00	<b>44.5</b>		mg/Kg	10/02/19	13:24	PPATEL	442820
Zinc	SW6010B	1	0.36	6.00	<b>140</b>		mg/Kg	10/02/19	13:24	PPATEL	442820



### SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/30/19, 12:25 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-3(3-3.5)	<b>Lab Sample ID:</b>	1909260-010A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/29/19 / 11:05		
<b>SDG:</b>			

<b>Prep Method:</b> WET/3010B	<b>Prep Batch Date/Time:</b> 10/10/19	3:50:00PM
<b>Prep Batch ID:</b> 1117290	<b>Prep Analyst:</b> BJAY	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Chromium (STLC)	SW6010B	1	0.010	0.20	<b>0.252</b>		mg/L	10/10/19	19:45	PPATEL	443035
Lead (STLC)	SW6010B	1	0.050	0.20	<b>16.4</b>		mg/L	10/10/19	19:45	PPATEL	443035



### SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/30/19, 12:25 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-3(3-3.5)	<b>Lab Sample ID:</b>	1909260-010A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/29/19 / 11:05		
<b>SDG:</b>			

<b>Prep Method:</b> 1311/3010B	<b>Prep Batch Date/Time:</b> 10/24/19	1:40:00PM
<b>Prep Batch ID:</b> 1117656	<b>Prep Analyst:</b> VTSUI	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Lead (TCLP)	SW6010B	1	0.050	0.20	ND		mg/L	10/24/19	19:47	PPATEL	443377





## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/30/19, 12:25 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-3(3-3.5)	<b>Lab Sample ID:</b>	1909260-010A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/29/19 / 11:05		
<b>SDG:</b>			

<b>Prep Method:</b> 3546_PAHSIM	<b>Prep Batch Date/Time:</b> 10/1/19 10:26:00AM
<b>Prep Batch ID:</b> 1117039	<b>Prep Analyst:</b> SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Naphthalene	SW8270C	1	0.62	4.8	ND		ug/Kg	10/01/19	21:26	MT	442817
2-Methylnaphthalene	SW8270C	1	0.27	4.8	ND		ug/Kg	10/01/19	21:26	MT	442817
1-Methylnaphthalene	SW8270C	1	0.22	4.8	ND		ug/Kg	10/01/19	21:26	MT	442817
Acenaphthylene	SW8270C	1	0.22	4.8	ND		ug/Kg	10/01/19	21:26	MT	442817
Acenaphthene	SW8270C	1	0.19	4.8	ND		ug/Kg	10/01/19	21:26	MT	442817
Fluorene	SW8270C	1	0.32	4.8	ND		ug/Kg	10/01/19	21:26	MT	442817
Phenanthrene	SW8270C	1	0.71	4.8	26		ug/Kg	10/01/19	21:26	MT	442817
Anthracene	SW8270C	1	0.64	4.8	6.1		ug/Kg	10/01/19	21:26	MT	442817
Fluoranthene	SW8270C	1	0.64	4.8	43		ug/Kg	10/01/19	21:26	MT	442817
Pyrene	SW8270C	1	0.66	4.8	40		ug/Kg	10/01/19	21:26	MT	442817
Benz[a]anthracene	SW8270C	1	0.56	4.8	24		ug/Kg	10/01/19	21:26	MT	442817
Chrysene	SW8270C	1	0.59	4.8	27		ug/Kg	10/01/19	21:26	MT	442817
Benzo[b]fluoranthene	SW8270C	1	0.29	4.8	35		ug/Kg	10/01/19	21:26	MT	442817
Benzo[k]fluoranthene	SW8270C	1	0.27	4.8	13		ug/Kg	10/01/19	21:26	MT	442817
Benzo[a]pyrene	SW8270C	1	0.34	4.8	25		ug/Kg	10/01/19	21:26	MT	442817
Indeno[1,2,3-cd]pyrene	SW8270C	1	0.26	4.8	24		ug/Kg	10/01/19	21:26	MT	442817
Dibenz[a,h]anthracene	SW8270C	1	0.33	4.8	5.2		ug/Kg	10/01/19	21:26	MT	442817
Benzo[g,h,i]perylene	SW8270C	1	0.32	4.8	19		ug/Kg	10/01/19	21:26	MT	442817
Acceptance Limits											
2-Fluorobiphenyl (S)	SW8270C		45 - 125		66		%	10/01/19	21:26	MT	442817
p-Terphenyl-d14 (S)	SW8270C		30 - 125		67		%	10/01/19	21:26	MT	442817



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/30/19, 12:25 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-3(3-3.5)	<b>Lab Sample ID:</b>	1909260-010A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/29/19 / 11:05		
<b>SDG:</b>			

<b>Prep Method:</b> 3546_PCB	<b>Prep Batch Date/Time:</b> 10/1/19 1:30:00PM
<b>Prep Batch ID:</b> 1117046	<b>Prep Analyst:</b> SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Aroclor1016	SW8082A	1	64	120	ND		ug/Kg	10/01/19	22:05	MK	442798
Aroclor1221	SW8082A	1	6.0	120	ND		ug/Kg	10/01/19	22:05	MK	442798
Aroclor1232	SW8082A	1	20	120	ND		ug/Kg	10/01/19	22:05	MK	442798
Aroclor1242	SW8082A	1	3.6	120	ND		ug/Kg	10/01/19	22:05	MK	442798
Aroclor1248	SW8082A	1	2.4	120	ND		ug/Kg	10/01/19	22:05	MK	442798
Aroclor1254	SW8082A	1	2.4	120	ND		ug/Kg	10/01/19	22:05	MK	442798
Aroclor1260	SW8082A	1	43	120	ND		ug/Kg	10/01/19	22:05	MK	442798
Acceptance Limits											
TCMX (S)	SW8082A		48 - 125		<b>96.0</b>		%	10/01/19	22:05	MK	442798
DCBP (S)	SW8082A		48 - 135		<b>84.0</b>		%	10/01/19	22:05	MK	442798



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/30/19, 12:25 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-3(3-3.5)	<b>Lab Sample ID:</b>	1909260-010A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/29/19 / 11:05		
<b>SDG:</b>			

<b>Prep Method:</b> 3546_OCP	<b>Prep Batch Date/Time:</b> 10/1/19 1:26:00PM
<b>Prep Batch ID:</b> 1117044	<b>Prep Analyst:</b> SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
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*The results shown below are reported using their MDL.*

alpha-BHC	SW8081B	10	1.5	24	ND		ug/Kg	10/02/19	1:52	MK	442844
gamma-BHC (Lindane)	SW8081B	10	1.9	24	ND		ug/Kg	10/02/19	1:52	MK	442844
beta-BHC	SW8081B	10	3.8	24	ND		ug/Kg	10/02/19	1:52	MK	442844
delta-BHC	SW8081B	10	1.9	24	ND		ug/Kg	10/02/19	1:52	MK	442844
Heptachlor	SW8081B	10	1.3	24	ND		ug/Kg	10/02/19	1:52	MK	442844
Aldrin	SW8081B	10	2.3	24	ND		ug/Kg	10/02/19	1:52	MK	442844
Heptachlor Epoxide	SW8081B	10	0.94	24	ND		ug/Kg	10/02/19	1:52	MK	442844
gamma-Chlordane	SW8081B	10	2.0	24	ND		ug/Kg	10/02/19	1:52	MK	442844
alpha-Chlordane	SW8081B	10	2.1	24	ND		ug/Kg	10/02/19	1:52	MK	442844
4,4'-DDE	SW8081B	10	2.3	24	<b>7.73</b>	J	ug/Kg	10/02/19	1:52	MK	442844
Endosulfan I	SW8081B	10	2.2	24	ND		ug/Kg	10/02/19	1:52	MK	442844
Dieldrin	SW8081B	10	1.8	24	ND		ug/Kg	10/02/19	1:52	MK	442844
Endrin	SW8081B	10	2.3	24	ND		ug/Kg	10/02/19	1:52	MK	442844
4,4'-DDD	SW8081B	10	6.8	24	ND		ug/Kg	10/02/19	1:52	MK	442844
Endosulfan II	SW8081B	10	6.9	24	ND		ug/Kg	10/02/19	1:52	MK	442844
4,4'-DDT	SW8081B	10	1.5	24	<b>5.74</b>	J	ug/Kg	10/02/19	1:52	MK	442844
Endrin Aldehyde	SW8081B	10	1.8	24	ND		ug/Kg	10/02/19	1:52	MK	442844
Methoxychlor	SW8081B	10	2.4	24	ND		ug/Kg	10/02/19	1:52	MK	442844
Endosulfan Sulfate	SW8081B	10	1.4	24	ND		ug/Kg	10/02/19	1:52	MK	442844
Endrin Ketone	SW8081B	10	1.1	24	ND		ug/Kg	10/02/19	1:52	MK	442844
Chlordane	SW8081B	10	25	240	ND		ug/Kg	10/02/19	1:52	MK	442844
Toxaphene	SW8081B	10	100	600	ND		ug/Kg	10/02/19	1:52	MK	442844
Acceptance Limits											
TCMX (S)	SW8081B		48 - 125		<b>100</b>		%	10/02/19	1:52	MK	442844
DCBP (S)	SW8081B		38 - 135		<b>95.8</b>		%	10/02/19	1:52	MK	442844

**NOTE:** Sample diluted due to nature of the matrix (dark, viscous extract)



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/30/19, 12:25 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-3(3-3.5)	<b>Lab Sample ID:</b>	1909260-010A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/29/19 / 11:05		
<b>SDG:</b>			

<b>Prep Method:</b> % Water-P	<b>Prep Batch Date/Time:</b> 10/4/19	6:50:00PM
<b>Prep Batch ID:</b> 1117183	<b>Prep Analyst:</b> BJAY	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Moisture, Percent	ASTM D2216-90	1	0.050	0.050	<b>20.6</b>		%	10/05/19	12:50	BJAY	442909
Dry Weight Factor	ASTM D2216-90	1	1	1	<b>1.21</b>		-	10/05/19	12:50	BJAY	442909



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/30/19, 12:25 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-3(3-3.5)	<b>Lab Sample ID:</b>	1909260-010A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/29/19 / 11:05		
<b>SDG:</b>			

<b>Prep Method:</b> 3546_BNA	<b>Prep Batch Date/Time:</b> 10/1/19 10:24:00AM
<b>Prep Batch ID:</b> 1117038	<b>Prep Analyst:</b> SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
N-Nitrosodimethylamine	SW8270C	1	56.3	864	ND		ug/Kg	10/03/19	15:21	MT	442802
Phenol	SW8270C	1	52.6	346	ND		ug/Kg	10/03/19	15:21	MT	442802
Bis(2-chloroethyl)ether	SW8270C	1	15.9	173	ND		ug/Kg	10/03/19	15:21	MT	442802
2-Chlorophenol	SW8270C	1	57.2	346	ND		ug/Kg	10/03/19	15:21	MT	442802
1,3-Dichlorobenzene	SW8270C	1	15.8	173	ND		ug/Kg	10/03/19	15:21	MT	442802
1,4-Dichlorobenzene	SW8270C	1	17.6	173	ND		ug/Kg	10/03/19	15:21	MT	442802
Benzyl Alcohol	SW8270C	1	24.6	346	ND		ug/Kg	10/03/19	15:21	MT	442802
1,2-Dichlorobenzene	SW8270C	1	16.2	173	ND		ug/Kg	10/03/19	15:21	MT	442802
2-Methylphenol (o-Cresol)	SW8270C	1	35.2	346	ND		ug/Kg	10/03/19	15:21	MT	442802
N-Methyl-2-Pyrrolidone (NMP)	SW8270C	1	81.6	864	ND		ug/Kg	10/03/19	15:21	MT	442802
3-/4-Methylphenol (p-/m-Cresol)	SW8270C	1	37.6	346	ND		ug/Kg	10/03/19	15:21	MT	442802
N-nitroso-di-n-propylamine	SW8270C	1	15.8	173	ND		ug/Kg	10/03/19	15:21	MT	442802
Hexachloroethane	SW8270C	1	20.5	173	ND		ug/Kg	10/03/19	15:21	MT	442802
Nitrobenzene	SW8270C	1	15.4	173	ND		ug/Kg	10/03/19	15:21	MT	442802
Isophorone	SW8270C	1	14.6	173	ND		ug/Kg	10/03/19	15:21	MT	442802
2-Nitrophenol	SW8270C	1	30.5	346	ND		ug/Kg	10/03/19	15:21	MT	442802
2,4-Dimethylphenol	SW8270C	1	27.4	346	ND		ug/Kg	10/03/19	15:21	MT	442802
Benzoic Acid	SW8270C	1	50.1	346	ND		ug/Kg	10/03/19	15:21	MT	442802
Bis(2-Chloroethoxy)methane	SW8270C	1	11.8	173	ND		ug/Kg	10/03/19	15:21	MT	442802
Bis(2-chloroisopropyl)ether	SW8270C	1	15.1	173	ND		ug/Kg	10/03/19	15:21	MT	442802
2,4-Dichlorophenol	SW8270C	1	47.1	346	ND		ug/Kg	10/03/19	15:21	MT	442802
1,2,4-Trichlorobenzene	SW8270C	1	14.2	173	ND		ug/Kg	10/03/19	15:21	MT	442802
2,6-Dichlorophenol	SW8270C	1	43.0	346	ND		ug/Kg	10/03/19	15:21	MT	442802
Hexachloro-1,3-butadiene	SW8270C	1	10.0	173	ND		ug/Kg	10/03/19	15:21	MT	442802
4-Chloro-3-methylphenol	SW8270C	1	40.5	346	ND		ug/Kg	10/03/19	15:21	MT	442802
Hexachlorocyclopentadiene	SW8270C	1	15.5	173	ND		ug/Kg	10/03/19	15:21	MT	442802
2,4,6-Trichlorophenol	SW8270C	1	43.1	346	ND		ug/Kg	10/03/19	15:21	MT	442802
2,4,5-Trichlorophenol	SW8270C	1	40.1	346	ND		ug/Kg	10/03/19	15:21	MT	442802
2-Chloronaphthalene	SW8270C	1	12.7	173	ND		ug/Kg	10/03/19	15:21	MT	442802
1,4-Dinitrobenzene	SW8270C	1	12.4	173	ND		ug/Kg	10/03/19	15:21	MT	442802
Dimethyl phthalate	SW8270C	1	17.0	864	ND		ug/Kg	10/03/19	15:21	MT	442802
1,3-Dinitrobenzene	SW8270C	1	12.5	173	ND		ug/Kg	10/03/19	15:21	MT	442802
2,6-Dinitrotoluene	SW8270C	1	13.6	173	ND		ug/Kg	10/03/19	15:21	MT	442802
1,2-Dinitrobenzene	SW8270C	1	18.9	173	ND		ug/Kg	10/03/19	15:21	MT	442802
2,4-Dinitrophenol	SW8270C	1	93.1	864	ND		ug/Kg	10/03/19	15:21	MT	442802



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/30/19, 12:25 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-3(3-3.5)	<b>Lab Sample ID:</b>	1909260-010A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/29/19 / 11:05		
<b>SDG:</b>			

<b>Prep Method:</b> 3546_BNA	<b>Prep Batch Date/Time:</b> 10/1/19 10:24:00AM
<b>Prep Batch ID:</b> 1117038	<b>Prep Analyst:</b> SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
4-Nitrophenol	SW8270C	1	65.7	864	ND		ug/Kg	10/03/19	15:21	MT	442802
Dibenzofuran	SW8270C	1	13.5	173	ND		ug/Kg	10/03/19	15:21	MT	442802
2,4-Dinitrotoluene	SW8270C	1	14.5	173	ND		ug/Kg	10/03/19	15:21	MT	442802
2,3,5,6-Tetrachlorophenol	SW8270C	1	33.1	346	ND		ug/Kg	10/03/19	15:21	MT	442802
2,3,4,6-Tetrachlorophenol	SW8270C	1	37.8	346	ND		ug/Kg	10/03/19	15:21	MT	442802
Diethylphthalate	SW8270C	1	16.4	864	ND		ug/Kg	10/03/19	15:21	MT	442802
4-Chlorophenyl-phenylether	SW8270C	1	11.2	173	ND		ug/Kg	10/03/19	15:21	MT	442802
4,6-Dinitro-2-methylphenol	SW8270C	1	16.1	346	ND		ug/Kg	10/03/19	15:21	MT	442802
Diphenylamine	SW8270C	1	15.7	173	ND		ug/Kg	10/03/19	15:21	MT	442802
4-Bromophenyl-phenylether	SW8270C	1	9.87	173	ND		ug/Kg	10/03/19	15:21	MT	442802
Hexachlorobenzene	SW8270C	1	10.4	173	ND		ug/Kg	10/03/19	15:21	MT	442802
Pentachlorophenol	SW8270C	1	30.0	346	ND		ug/Kg	10/03/19	15:21	MT	442802
Carbazole	SW8270C	1	12.9	173	ND		ug/Kg	10/03/19	15:21	MT	442802
Di-n-butylphthalate	SW8270C	1	16.2	173	ND		ug/Kg	10/03/19	15:21	MT	442802
Benzidine	SW8270C	1	176	173	ND		ug/Kg	10/03/19	15:21	MT	442802
Butylbenzylphthalate	SW8270C	1	25.2	864	ND		ug/Kg	10/03/19	15:21	MT	442802
Benzo(a)anthracene	SW8270C	1	11.8	173	ND		ug/Kg	10/03/19	15:21	MT	442802
3,3-Dichlorobenzidine	SW8270C	1	141	173	ND		ug/Kg	10/03/19	15:21	MT	442802
Bis(2-Ethylhexyl)phthalate	SW8270C	1	18.4	864	ND		ug/Kg	10/03/19	15:21	MT	442802
Di-n-Octylphthalate	SW8270C	1	14.7	173	ND		ug/Kg	10/03/19	15:21	MT	442802
Pyridine	SW8270C	1	52.6	864	ND		ug/Kg	10/03/19	15:21	MT	442802
Acceptance Limits											
2-Fluorophenol (S)	SW8270C		25 - 121		<b>60.4</b>		%	10/03/19	15:21	MT	442802
Phenol-d6 (S)	SW8270C		24 - 113		<b>64.2</b>		%	10/03/19	15:21	MT	442802
2,4,6-Tribromophenol (S)	SW8270C		19 - 122		<b>71.5</b>		%	10/03/19	15:21	MT	442802
2-Fluorobiphenyl (S)	SW8270C		45 - 143		<b>67.3</b>		%	10/03/19	15:21	MT	442802
Nitrobenzene-d5 (S)	SW8270C		23 - 120		<b>61.2</b>		%	10/03/19	15:21	MT	442802
Terphenyl-d14 (S)	SW8270C		18 - 137		<b>86.0</b>		%	10/03/19	15:21	MT	442802



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/30/19, 12:25 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-3(3-3.5)	<b>Lab Sample ID:</b>	1909260-010A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/29/19 / 11:05		
<b>SDG:</b>			

<b>Prep Method:</b> 3546_TPH	<b>Prep Batch Date/Time:</b> 10/2/19	10:33:00AM
<b>Prep Batch ID:</b> 1117074	<b>Prep Analyst:</b> MSAT	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel	SW8015B	1	1.0	2.4	<b>7.76</b>	x	mg/Kg	10/02/19	19:03	MK	442815
TPH as Motor Oil	SW8015B	1	3.8	12	<b>70.9</b>		mg/Kg	10/02/19	19:03	MK	442815
Acceptance Limits											
Pentacosane (S)	SW8015B		59 - 129		<b>87.1</b>		%	10/02/19	19:03	MK	442815

**NOTE:** x-Diesel value the result of overlap of Oil range into Diesel range



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/30/19, 12:25 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-3(3-3.5)	<b>Lab Sample ID:</b>	1909260-010B
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/29/19 / 11:05		
<b>SDG:</b>			

<b>Prep Method:</b> 5035	<b>Prep Batch Date/Time:</b> 10/1/19 11:08:00AM
<b>Prep Batch ID:</b> 1117092	<b>Prep Analyst:</b> BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	SW8260B	1	1.3	11	ND		ug/Kg	10/01/19	16:03	BP	442822
Chloromethane	SW8260B	1	2.0	11	ND		ug/Kg	10/01/19	16:03	BP	442822
Vinyl Chloride	SW8260B	1	2.2	11	ND		ug/Kg	10/01/19	16:03	BP	442822
Bromomethane	SW8260B	1	2.9	11	ND		ug/Kg	10/01/19	16:03	BP	442822
Chloroethane	SW8260B	1	3.3	11	ND		ug/Kg	10/01/19	16:03	BP	442822
Trichlorofluoromethane	SW8260B	1	2.2	11	ND		ug/Kg	10/01/19	16:03	BP	442822
1,1-Dichloroethene	SW8260B	1	2.2	11	ND		ug/Kg	10/01/19	16:03	BP	442822
Freon 113	SW8260B	1	2.0	11	ND		ug/Kg	10/01/19	16:03	BP	442822
Methylene Chloride	SW8260B	1	7.7	11	ND		ug/Kg	10/01/19	16:03	BP	442822
trans-1,2-Dichloroethene	SW8260B	1	2.2	11	ND		ug/Kg	10/01/19	16:03	BP	442822
MTBE	SW8260B	1	2.5	11	ND		ug/Kg	10/01/19	16:03	BP	442822
TBA	SW8260B	1	12	54	ND		ug/Kg	10/01/19	16:03	BP	442822
Diisopropyl ether	SW8260B	1	2.5	11	ND		ug/Kg	10/01/19	16:03	BP	442822
1,1-Dichloroethane	SW8260B	1	2.4	11	ND		ug/Kg	10/01/19	16:03	BP	442822
Ethyl tert-Butyl ether	SW8260B	1	2.5	11	ND		ug/Kg	10/01/19	16:03	BP	442822
cis-1,2-Dichloroethene	SW8260B	1	2.4	11	ND		ug/Kg	10/01/19	16:03	BP	442822
2,2-Dichloropropane	SW8260B	1	2.1	11	ND		ug/Kg	10/01/19	16:03	BP	442822
Bromochloromethane	SW8260B	1	2.5	11	ND		ug/Kg	10/01/19	16:03	BP	442822
Chloroform	SW8260B	1	2.5	11	ND		ug/Kg	10/01/19	16:03	BP	442822
Carbon Tetrachloride	SW8260B	1	2.2	11	ND		ug/Kg	10/01/19	16:03	BP	442822
1,1,1-Trichloroethane	SW8260B	1	2.3	11	ND		ug/Kg	10/01/19	16:03	BP	442822
1,1-Dichloropropene	SW8260B	1	2.1	11	ND		ug/Kg	10/01/19	16:03	BP	442822
Benzene	SW8260B	1	2.4	11	ND		ug/Kg	10/01/19	16:03	BP	442822
TAME	SW8260B	1	2.4	11	ND		ug/Kg	10/01/19	16:03	BP	442822
1,2-Dichloroethane	SW8260B	1	2.5	11	ND		ug/Kg	10/01/19	16:03	BP	442822
Trichloroethylene	SW8260B	1	1.9	11	ND		ug/Kg	10/01/19	16:03	BP	442822
Dibromomethane	SW8260B	1	2.0	11	ND		ug/Kg	10/01/19	16:03	BP	442822
1,2-Dichloropropane	SW8260B	1	2.0	11	ND		ug/Kg	10/01/19	16:03	BP	442822
Bromodichloromethane	SW8260B	1	2.1	11	ND		ug/Kg	10/01/19	16:03	BP	442822
cis-1,3-Dichloropropene	SW8260B	1	1.7	11	ND		ug/Kg	10/01/19	16:03	BP	442822
Toluene	SW8260B	1	2.0	11	ND		ug/Kg	10/01/19	16:03	BP	442822
Tetrachloroethylene	SW8260B	1	1.8	11	ND		ug/Kg	10/01/19	16:03	BP	442822
trans-1,3-Dichloropropene	SW8260B	1	1.8	11	ND		ug/Kg	10/01/19	16:03	BP	442822
1,1,2-Trichloroethane	SW8260B	1	2.0	11	ND		ug/Kg	10/01/19	16:03	BP	442822
Dibromochloromethane	SW8260B	1	2.0	11	ND		ug/Kg	10/01/19	16:03	BP	442822





## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/30/19, 12:25 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-3(3-3.5)	<b>Lab Sample ID:</b>	1909260-010B
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/29/19 / 11:05		
<b>SDG:</b>			

<b>Prep Method:</b> 5035	<b>Prep Batch Date/Time:</b> 10/1/19 11:08:00AM
<b>Prep Batch ID:</b> 1117092	<b>Prep Analyst:</b> BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
1,3-Dichloropropane	SW8260B	1	2.0	11	ND		ug/Kg	10/01/19	16:03	BP	442822
1,2-Dibromoethane	SW8260B	1	1.9	11	ND		ug/Kg	10/01/19	16:03	BP	442822
Chlorobenzene	SW8260B	1	2.0	11	ND		ug/Kg	10/01/19	16:03	BP	442822
Ethylbenzene	SW8260B	1	1.8	11	ND		ug/Kg	10/01/19	16:03	BP	442822
1,1,1,2-Tetrachloroethane	SW8260B	1	2.1	11	ND		ug/Kg	10/01/19	16:03	BP	442822
m,p-Xylene	SW8260B	1	3.4	11	ND		ug/Kg	10/01/19	16:03	BP	442822
o-Xylene	SW8260B	1	1.9	11	ND		ug/Kg	10/01/19	16:03	BP	442822
Styrene	SW8260B	1	1.8	11	ND		ug/Kg	10/01/19	16:03	BP	442822
Bromoform	SW8260B	1	1.8	11	ND		ug/Kg	10/01/19	16:03	BP	442822
Isopropyl Benzene	SW8260B	1	1.7	11	ND		ug/Kg	10/01/19	16:03	BP	442822
n-Propylbenzene	SW8260B	1	1.7	11	ND		ug/Kg	10/01/19	16:03	BP	442822
Bromobenzene	SW8260B	1	1.9	11	ND		ug/Kg	10/01/19	16:03	BP	442822
1,1,2,2-Tetrachloroethane	SW8260B	1	2.1	11	ND		ug/Kg	10/01/19	16:03	BP	442822
2-Chlorotoluene	SW8260B	1	1.9	11	ND		ug/Kg	10/01/19	16:03	BP	442822
1,3,5-Trimethylbenzene	SW8260B	1	1.7	11	ND		ug/Kg	10/01/19	16:03	BP	442822
1,2,3-Trichloropropane	SW8260B	1	2.1	11	ND		ug/Kg	10/01/19	16:03	BP	442822
4-Chlorotoluene	SW8260B	1	1.8	11	ND		ug/Kg	10/01/19	16:03	BP	442822
tert-Butylbenzene	SW8260B	1	1.8	11	ND		ug/Kg	10/01/19	16:03	BP	442822
1,2,4-Trimethylbenzene	SW8260B	1	1.5	11	ND		ug/Kg	10/01/19	16:03	BP	442822
sec-Butyl Benzene	SW8260B	1	1.7	11	ND		ug/Kg	10/01/19	16:03	BP	442822
p-Isopropyltoluene	SW8260B	1	1.6	11	ND		ug/Kg	10/01/19	16:03	BP	442822
1,3-Dichlorobenzene	SW8260B	1	1.8	11	ND		ug/Kg	10/01/19	16:03	BP	442822
1,4-Dichlorobenzene	SW8260B	1	1.8	11	ND		ug/Kg	10/01/19	16:03	BP	442822
n-Butylbenzene	SW8260B	1	1.6	11	ND		ug/Kg	10/01/19	16:03	BP	442822
1,2-Dichlorobenzene	SW8260B	1	1.9	11	ND		ug/Kg	10/01/19	16:03	BP	442822
1,2-Dibromo-3-Chloropropane	SW8260B	1	2.0	11	ND		ug/Kg	10/01/19	16:03	BP	442822
Hexachlorobutadiene	SW8260B	1	1.5	11	ND		ug/Kg	10/01/19	16:03	BP	442822
1,2,4-Trichlorobenzene	SW8260B	1	1.6	11	ND		ug/Kg	10/01/19	16:03	BP	442822
Naphthalene	SW8260B	1	1.8	11	ND		ug/Kg	10/01/19	16:03	BP	442822
1,2,3-Trichlorobenzene	SW8260B	1	1.8	11	ND		ug/Kg	10/01/19	16:03	BP	442822
2-Butanone	SW8260B	1	2.5	11	ND		ug/Kg	10/01/19	16:03	BP	442822
(S) Dibromofluoromethane	SW8260B		59.8 - 148		<b>130</b>		%	10/01/19	16:03	BP	442822
(S) Toluene-d8	SW8260B		55.2 - 133		<b>116</b>		%	10/01/19	16:03	BP	442822
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		<b>103</b>		%	10/01/19	16:03	BP	442822



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/30/19, 12:25 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-3(3-3.5)	<b>Lab Sample ID:</b>	1909260-010B
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/29/19 / 11:05		
<b>SDG:</b>			

<b>Prep Method:</b> 5035GRO	<b>Prep Batch Date/Time:</b> 10/1/19	11:08:00AM
<b>Prep Batch ID:</b> 1117093	<b>Prep Analyst:</b> BPATEL	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH(Gasoline)	8260TPH	1	47	110	ND		ug/Kg	10/01/19	16:03	bp	442822
(S) 4-Bromofluorobenzene	8260TPH		43.9 - 127		<b>65.8</b>		%	10/01/19	16:03	bp	442822



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/30/19, 12:25 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-3(5.5-6)	<b>Lab Sample ID:</b>	1909260-011A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/29/19 / 11:17		
<b>SDG:</b>			

<b>Prep Method:</b> 7471BP	<b>Prep Batch Date/Time:</b> 10/1/19	6:00:00PM
<b>Prep Batch ID:</b> 1117066	<b>Prep Analyst:</b> IRNAZ	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Mercury	SW7471B	1	0.094	0.57	ND		mg/Kg	10/02/19	12:37	BJAY	442813



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/30/19, 12:25 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-3(5.5-6)	<b>Lab Sample ID:</b>	1909260-011A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/29/19 / 11:17		
<b>SDG:</b>			

<b>Prep Method:</b> 3050B	<b>Prep Batch Date/Time:</b> 10/1/19	5:50:00PM
<b>Prep Batch ID:</b> 1117065	<b>Prep Analyst:</b> IRNAZ	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Antimony	SW6010B	1	0.057	5.65	ND		mg/Kg	10/02/19	13:27	PPATEL	442820
Arsenic	SW6010B	1	0.17	1.47	<b>8.19</b>		mg/Kg	10/02/19	13:27	PPATEL	442820
Barium	SW6010B	1	0.062	5.65	<b>223</b>		mg/Kg	10/02/19	13:27	PPATEL	442820
Beryllium	SW6010B	1	0.062	5.65	ND		mg/Kg	10/02/19	13:27	PPATEL	442820
Cadmium	SW6010B	1	0.11	5.65	ND		mg/Kg	10/02/19	13:27	PPATEL	442820
Chromium	SW6010B	1	0.085	5.65	<b>59.3</b>		mg/Kg	10/02/19	13:27	PPATEL	442820
Cobalt	SW6010B	1	0.079	5.65	<b>14.7</b>		mg/Kg	10/02/19	13:27	PPATEL	442820
Copper	SW6010B	1	0.23	5.65	<b>39.3</b>		mg/Kg	10/02/19	13:27	PPATEL	442820
Lead	SW6010B	1	0.11	3.39	<b>11.4</b>		mg/Kg	10/02/19	13:27	PPATEL	442820
Molybdenum	SW6010B	1	0.057	5.65	ND		mg/Kg	10/02/19	13:27	PPATEL	442820
Nickel	SW6010B	1	0.57	5.65	<b>102</b>		mg/Kg	10/02/19	13:27	PPATEL	442820
Selenium	SW6010B	1	0.25	5.65	ND		mg/Kg	10/02/19	13:27	PPATEL	442820
Silver	SW6010B	1	0.17	5.65	ND		mg/Kg	10/02/19	13:27	PPATEL	442820
Thallium	SW6010B	1	0.62	5.65	ND		mg/Kg	10/02/19	13:27	PPATEL	442820
Vanadium	SW6010B	1	0.11	5.65	<b>40.6</b>		mg/Kg	10/02/19	13:27	PPATEL	442820
Zinc	SW6010B	1	0.34	5.65	<b>73.5</b>		mg/Kg	10/02/19	13:27	PPATEL	442820



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/30/19, 12:25 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-3(5.5-6)	<b>Lab Sample ID:</b>	1909260-011A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/29/19 / 11:17		
<b>SDG:</b>			

<b>Prep Method:</b> WET/3010B	<b>Prep Batch Date/Time:</b> 10/16/19	1:30:00PM
<b>Prep Batch ID:</b> 1117446	<b>Prep Analyst:</b> IRNAZ	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Chromium (STLC)	SW6010B	1	0.010	0.20	ND		mg/L	10/16/19	18:34	PPATEL	443175



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/30/19, 12:25 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-3(5.5-6)	<b>Lab Sample ID:</b>	1909260-011A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/29/19 / 11:17		
<b>SDG:</b>			

<b>Prep Method:</b> 3546_PAHSIM	<b>Prep Batch Date/Time:</b> 10/1/19 10:26:00AM
<b>Prep Batch ID:</b> 1117039	<b>Prep Analyst:</b> SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Naphthalene	SW8270C	1	0.58	4.5	ND		ug/Kg	10/01/19	21:54	MT	442817
2-Methylnaphthalene	SW8270C	1	0.25	4.5	ND		ug/Kg	10/01/19	21:54	MT	442817
1-Methylnaphthalene	SW8270C	1	0.21	4.5	ND		ug/Kg	10/01/19	21:54	MT	442817
Acenaphthylene	SW8270C	1	0.21	4.5	ND		ug/Kg	10/01/19	21:54	MT	442817
Acenaphthene	SW8270C	1	0.18	4.5	ND		ug/Kg	10/01/19	21:54	MT	442817
Fluorene	SW8270C	1	0.30	4.5	ND		ug/Kg	10/01/19	21:54	MT	442817
Phenanthrene	SW8270C	1	0.67	4.5	ND		ug/Kg	10/01/19	21:54	MT	442817
Anthracene	SW8270C	1	0.60	4.5	ND		ug/Kg	10/01/19	21:54	MT	442817
Fluoranthene	SW8270C	1	0.60	4.5	ND		ug/Kg	10/01/19	21:54	MT	442817
Pyrene	SW8270C	1	0.62	4.5	ND		ug/Kg	10/01/19	21:54	MT	442817
Benz[a]anthracene	SW8270C	1	0.52	4.5	ND		ug/Kg	10/01/19	21:54	MT	442817
Chrysene	SW8270C	1	0.56	4.5	ND		ug/Kg	10/01/19	21:54	MT	442817
Benzo[b]fluoranthene	SW8270C	1	0.28	4.5	ND		ug/Kg	10/01/19	21:54	MT	442817
Benzo[k]fluoranthene	SW8270C	1	0.25	4.5	ND		ug/Kg	10/01/19	21:54	MT	442817
Benzo[a]pyrene	SW8270C	1	0.32	4.5	ND		ug/Kg	10/01/19	21:54	MT	442817
Indeno[1,2,3-cd]pyrene	SW8270C	1	0.25	4.5	ND		ug/Kg	10/01/19	21:54	MT	442817
Dibenz[a,h]anthracene	SW8270C	1	0.31	4.5	ND		ug/Kg	10/01/19	21:54	MT	442817
Benzo[g,h,i]perylene	SW8270C	1	0.30	4.5	ND		ug/Kg	10/01/19	21:54	MT	442817
Acceptance Limits											
2-Fluorobiphenyl (S)	SW8270C		45 - 125		<b>69</b>		%	10/01/19	21:54	MT	442817
p-Terphenyl-d14 (S)	SW8270C		30 - 125		<b>80</b>		%	10/01/19	21:54	MT	442817



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/30/19, 12:25 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-3(5.5-6)	<b>Lab Sample ID:</b>	1909260-011A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/29/19 / 11:17		
<b>SDG:</b>			

<b>Prep Method:</b> 3546_PCB	<b>Prep Batch Date/Time:</b> 10/1/19 1:30:00PM
<b>Prep Batch ID:</b> 1117046	<b>Prep Analyst:</b> SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Aroclor1016	SW8082A	1	60	110	ND		ug/Kg	10/01/19	22:20	MK	442798
Aroclor1221	SW8082A	1	5.7	110	ND		ug/Kg	10/01/19	22:20	MK	442798
Aroclor1232	SW8082A	1	19	110	ND		ug/Kg	10/01/19	22:20	MK	442798
Aroclor1242	SW8082A	1	3.4	110	ND		ug/Kg	10/01/19	22:20	MK	442798
Aroclor1248	SW8082A	1	2.3	110	ND		ug/Kg	10/01/19	22:20	MK	442798
Aroclor1254	SW8082A	1	2.3	110	ND		ug/Kg	10/01/19	22:20	MK	442798
Aroclor1260	SW8082A	1	41	110	ND		ug/Kg	10/01/19	22:20	MK	442798
Acceptance Limits											
TCMX (S)	SW8082A		48 - 125		<b>85.0</b>		%	10/01/19	22:20	MK	442798
DCBP (S)	SW8082A		48 - 135		<b>73.0</b>		%	10/01/19	22:20	MK	442798



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/30/19, 12:25 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-3(5.5-6)	<b>Lab Sample ID:</b>	1909260-011A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/29/19 / 11:17		
<b>SDG:</b>			

<b>Prep Method:</b> 3546_OCP	<b>Prep Batch Date/Time:</b> 10/1/19 1:26:00PM
<b>Prep Batch ID:</b> 1117044	<b>Prep Analyst:</b> SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
alpha-BHC	SW8081B	1	0.14	2.3	ND		ug/Kg	10/02/19	2:06	MK	442844
gamma-BHC (Lindane)	SW8081B	1	0.18	2.3	ND		ug/Kg	10/02/19	2:06	MK	442844
beta-BHC	SW8081B	1	0.36	2.3	ND		ug/Kg	10/02/19	2:06	MK	442844
delta-BHC	SW8081B	1	0.18	2.3	ND		ug/Kg	10/02/19	2:06	MK	442844
Heptachlor	SW8081B	1	0.12	2.3	ND		ug/Kg	10/02/19	2:06	MK	442844
Aldrin	SW8081B	1	0.22	2.3	ND		ug/Kg	10/02/19	2:06	MK	442844
Heptachlor Epoxide	SW8081B	1	0.088	2.3	ND		ug/Kg	10/02/19	2:06	MK	442844
gamma-Chlordane	SW8081B	1	0.18	2.3	ND		ug/Kg	10/02/19	2:06	MK	442844
alpha-Chlordane	SW8081B	1	0.20	2.3	ND		ug/Kg	10/02/19	2:06	MK	442844
4,4'-DDE	SW8081B	1	0.22	2.3	ND		ug/Kg	10/02/19	2:06	MK	442844
Endosulfan I	SW8081B	1	0.21	2.3	ND		ug/Kg	10/02/19	2:06	MK	442844
Dieldrin	SW8081B	1	0.17	2.3	ND		ug/Kg	10/02/19	2:06	MK	442844
Endrin	SW8081B	1	0.21	2.3	ND		ug/Kg	10/02/19	2:06	MK	442844
4,4'-DDD	SW8081B	1	0.64	2.3	ND		ug/Kg	10/02/19	2:06	MK	442844
Endosulfan II	SW8081B	1	0.65	2.3	ND		ug/Kg	10/02/19	2:06	MK	442844
4,4'-DDT	SW8081B	1	0.15	2.3	ND		ug/Kg	10/02/19	2:06	MK	442844
Endrin Aldehyde	SW8081B	1	0.17	2.3	ND		ug/Kg	10/02/19	2:06	MK	442844
Methoxychlor	SW8081B	1	0.23	2.3	ND		ug/Kg	10/02/19	2:06	MK	442844
Endosulfan Sulfate	SW8081B	1	0.13	2.3	ND		ug/Kg	10/02/19	2:06	MK	442844
Endrin Ketone	SW8081B	1	0.11	2.3	ND		ug/Kg	10/02/19	2:06	MK	442844
Chlordane	SW8081B	1	2.4	23	ND		ug/Kg	10/02/19	2:06	MK	442844
Toxaphene	SW8081B	1	9.6	57	ND		ug/Kg	10/02/19	2:06	MK	442844
Acceptance Limits											
TCMX (S)	SW8081B		48 - 125		<b>78.0</b>		%	10/02/19	2:06	MK	442844
DCBP (S)	SW8081B		38 - 135		<b>68.0</b>		%	10/02/19	2:06	MK	442844





## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/30/19, 12:25 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-3(5.5-6)	<b>Lab Sample ID:</b>	1909260-011A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/29/19 / 11:17		
<b>SDG:</b>			

<b>Prep Method:</b> % Water-P	<b>Prep Batch Date/Time:</b> 10/4/19	6:50:00PM
<b>Prep Batch ID:</b> 1117183	<b>Prep Analyst:</b> BJAY	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Moisture, Percent	ASTM D2216-90	1	0.050	0.050	13.0		%	10/05/19	12:50	BJAY	442909
Dry Weight Factor	ASTM D2216-90	1	1	1	1.13		-	10/05/19	12:50	BJAY	442909



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/30/19, 12:25 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-3(5.5-6)	<b>Lab Sample ID:</b>	1909260-011A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/29/19 / 11:17		
<b>SDG:</b>			

<b>Prep Method:</b> 3546_BNA	<b>Prep Batch Date/Time:</b> 10/1/19 10:24:00AM
<b>Prep Batch ID:</b> 1117038	<b>Prep Analyst:</b> SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
N-Nitrosodimethylamine	SW8270C	1	53.0	814	ND		ug/Kg	10/03/19	15:51	MT	442802
Phenol	SW8270C	1	49.5	325	ND		ug/Kg	10/03/19	15:51	MT	442802
Bis(2-chloroethyl)ether	SW8270C	1	15.0	163	ND		ug/Kg	10/03/19	15:51	MT	442802
2-Chlorophenol	SW8270C	1	53.9	325	ND		ug/Kg	10/03/19	15:51	MT	442802
1,3-Dichlorobenzene	SW8270C	1	14.8	163	ND		ug/Kg	10/03/19	15:51	MT	442802
1,4-Dichlorobenzene	SW8270C	1	16.5	163	ND		ug/Kg	10/03/19	15:51	MT	442802
Benzyl Alcohol	SW8270C	1	23.1	325	ND		ug/Kg	10/03/19	15:51	MT	442802
1,2-Dichlorobenzene	SW8270C	1	15.3	163	ND		ug/Kg	10/03/19	15:51	MT	442802
2-Methylphenol (o-Cresol)	SW8270C	1	33.2	325	ND		ug/Kg	10/03/19	15:51	MT	442802
N-Methyl-2-Pyrrolidone (NMP)	SW8270C	1	76.9	814	ND		ug/Kg	10/03/19	15:51	MT	442802
3-/4-Methylphenol (p-/m-Cresol)	SW8270C	1	35.4	325	ND		ug/Kg	10/03/19	15:51	MT	442802
N-nitroso-di-n-propylamine	SW8270C	1	14.9	163	ND		ug/Kg	10/03/19	15:51	MT	442802
Hexachloroethane	SW8270C	1	19.3	163	ND		ug/Kg	10/03/19	15:51	MT	442802
Nitrobenzene	SW8270C	1	14.5	163	ND		ug/Kg	10/03/19	15:51	MT	442802
Isophorone	SW8270C	1	13.8	163	ND		ug/Kg	10/03/19	15:51	MT	442802
2-Nitrophenol	SW8270C	1	28.7	325	ND		ug/Kg	10/03/19	15:51	MT	442802
2,4-Dimethylphenol	SW8270C	1	25.8	325	ND		ug/Kg	10/03/19	15:51	MT	442802
Benzoic Acid	SW8270C	1	47.1	325	ND		ug/Kg	10/03/19	15:51	MT	442802
Bis(2-Chloroethoxy)methane	SW8270C	1	11.1	163	ND		ug/Kg	10/03/19	15:51	MT	442802
Bis(2-chloroisopropyl)ether	SW8270C	1	14.2	163	ND		ug/Kg	10/03/19	15:51	MT	442802
2,4-Dichlorophenol	SW8270C	1	44.4	325	ND		ug/Kg	10/03/19	15:51	MT	442802
1,2,4-Trichlorobenzene	SW8270C	1	13.4	163	ND		ug/Kg	10/03/19	15:51	MT	442802
2,6-Dichlorophenol	SW8270C	1	40.4	325	ND		ug/Kg	10/03/19	15:51	MT	442802
Hexachloro-1,3-butadiene	SW8270C	1	9.42	163	ND		ug/Kg	10/03/19	15:51	MT	442802
4-Chloro-3-methylphenol	SW8270C	1	38.2	325	ND		ug/Kg	10/03/19	15:51	MT	442802
Hexachlorocyclopentadiene	SW8270C	1	14.6	163	ND		ug/Kg	10/03/19	15:51	MT	442802
2,4,6-Trichlorophenol	SW8270C	1	40.6	325	ND		ug/Kg	10/03/19	15:51	MT	442802
2,4,5-Trichlorophenol	SW8270C	1	37.7	325	ND		ug/Kg	10/03/19	15:51	MT	442802
2-Chloronaphthalene	SW8270C	1	12.0	163	ND		ug/Kg	10/03/19	15:51	MT	442802
1,4-Dinitrobenzene	SW8270C	1	11.7	163	ND		ug/Kg	10/03/19	15:51	MT	442802
Dimethyl phthalate	SW8270C	1	16.0	814	ND		ug/Kg	10/03/19	15:51	MT	442802
1,3-Dinitrobenzene	SW8270C	1	11.7	163	ND		ug/Kg	10/03/19	15:51	MT	442802
2,6-Dinitrotoluene	SW8270C	1	12.8	163	ND		ug/Kg	10/03/19	15:51	MT	442802
1,2-Dinitrobenzene	SW8270C	1	17.8	163	ND		ug/Kg	10/03/19	15:51	MT	442802
2,4-Dinitrophenol	SW8270C	1	87.6	814	ND		ug/Kg	10/03/19	15:51	MT	442802



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/30/19, 12:25 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-3(5.5-6)	<b>Lab Sample ID:</b>	1909260-011A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/29/19 / 11:17		
<b>SDG:</b>			

<b>Prep Method:</b> 3546_BNA	<b>Prep Batch Date/Time:</b> 10/1/19 10:24:00AM
<b>Prep Batch ID:</b> 1117038	<b>Prep Analyst:</b> SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
4-Nitrophenol	SW8270C	1	61.8	814	ND		ug/Kg	10/03/19	15:51	MT	442802
Dibenzofuran	SW8270C	1	12.7	163	ND		ug/Kg	10/03/19	15:51	MT	442802
2,4-Dinitrotoluene	SW8270C	1	13.7	163	ND		ug/Kg	10/03/19	15:51	MT	442802
2,3,5,6-Tetrachlorophenol	SW8270C	1	31.2	325	ND		ug/Kg	10/03/19	15:51	MT	442802
2,3,4,6-Tetrachlorophenol	SW8270C	1	35.6	325	ND		ug/Kg	10/03/19	15:51	MT	442802
Diethylphthalate	SW8270C	1	15.4	814	ND		ug/Kg	10/03/19	15:51	MT	442802
4-Chlorophenyl-phenylether	SW8270C	1	10.5	163	ND		ug/Kg	10/03/19	15:51	MT	442802
4,6-Dinitro-2-methylphenol	SW8270C	1	15.1	325	ND		ug/Kg	10/03/19	15:51	MT	442802
Diphenylamine	SW8270C	1	14.7	163	ND		ug/Kg	10/03/19	15:51	MT	442802
4-Bromophenyl-phenylether	SW8270C	1	9.30	163	ND		ug/Kg	10/03/19	15:51	MT	442802
Hexachlorobenzene	SW8270C	1	9.78	163	ND		ug/Kg	10/03/19	15:51	MT	442802
Pentachlorophenol	SW8270C	1	28.2	325	ND		ug/Kg	10/03/19	15:51	MT	442802
Carbazole	SW8270C	1	12.1	163	ND		ug/Kg	10/03/19	15:51	MT	442802
Di-n-butylphthalate	SW8270C	1	15.3	163	ND		ug/Kg	10/03/19	15:51	MT	442802
Benzidine	SW8270C	1	166	163	ND		ug/Kg	10/03/19	15:51	MT	442802
Butylbenzylphthalate	SW8270C	1	23.8	814	ND		ug/Kg	10/03/19	15:51	MT	442802
Benzo(a)anthracene	SW8270C	1	11.1	163	ND		ug/Kg	10/03/19	15:51	MT	442802
3,3-Dichlorobenzidine	SW8270C	1	133	163	ND		ug/Kg	10/03/19	15:51	MT	442802
Bis(2-Ethylhexyl)phthalate	SW8270C	1	17.3	814	ND		ug/Kg	10/03/19	15:51	MT	442802
Di-n-Octylphthalate	SW8270C	1	13.9	163	ND		ug/Kg	10/03/19	15:51	MT	442802
Pyridine	SW8270C	1	49.5	814	ND		ug/Kg	10/03/19	15:51	MT	442802
Acceptance Limits											
2-Fluorophenol (S)	SW8270C		25 - 121		<b>54.2</b>		%	10/03/19	15:51	MT	442802
Phenol-d6 (S)	SW8270C		24 - 113		<b>67.6</b>		%	10/03/19	15:51	MT	442802
2,4,6-Tribromophenol (S)	SW8270C		19 - 122		<b>25.8</b>		%	10/03/19	15:51	MT	442802
2-Fluorobiphenyl (S)	SW8270C		45 - 143		<b>75.4</b>		%	10/03/19	15:51	MT	442802
Nitrobenzene-d5 (S)	SW8270C		23 - 120		<b>73.8</b>		%	10/03/19	15:51	MT	442802
Terphenyl-d14 (S)	SW8270C		18 - 137		<b>83.7</b>		%	10/03/19	15:51	MT	442802



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/30/19, 12:25 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-3(5.5-6)	<b>Lab Sample ID:</b>	1909260-011A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/29/19 / 11:17		
<b>SDG:</b>			

<b>Prep Method:</b> 3546_TPH	<b>Prep Batch Date/Time:</b> 10/2/19	10:33:00AM
<b>Prep Batch ID:</b> 1117074	<b>Prep Analyst:</b> MSAT	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel	SW8015B	1	0.96	2.3	ND		mg/Kg	10/02/19	19:26	MK	442815
TPH as Motor Oil	SW8015B	1	3.6	11	ND		mg/Kg	10/02/19	19:26	MK	442815
			Acceptance Limits								
Pentacosane (S)	SW8015B		59 - 129		<b>73.3</b>		%	10/02/19	19:26	MK	442815



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/30/19, 12:25 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-3(5.5-6)	<b>Lab Sample ID:</b>	1909260-011B
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/29/19 / 11:17		
<b>SDG:</b>			

<b>Prep Method:</b> 5035	<b>Prep Batch Date/Time:</b> 10/1/19 11:08:00AM
<b>Prep Batch ID:</b> 1117092	<b>Prep Analyst:</b> BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	SW8260B	1	1.3	11	ND		ug/Kg	10/01/19	16:31	BP	442822
Chloromethane	SW8260B	1	2.0	11	ND		ug/Kg	10/01/19	16:31	BP	442822
Vinyl Chloride	SW8260B	1	2.2	11	ND		ug/Kg	10/01/19	16:31	BP	442822
Bromomethane	SW8260B	1	2.9	11	ND		ug/Kg	10/01/19	16:31	BP	442822
Chloroethane	SW8260B	1	3.2	11	ND		ug/Kg	10/01/19	16:31	BP	442822
Trichlorofluoromethane	SW8260B	1	2.2	11	ND		ug/Kg	10/01/19	16:31	BP	442822
1,1-Dichloroethene	SW8260B	1	2.2	11	ND		ug/Kg	10/01/19	16:31	BP	442822
Freon 113	SW8260B	1	2.0	11	ND		ug/Kg	10/01/19	16:31	BP	442822
Methylene Chloride	SW8260B	1	7.6	11	ND		ug/Kg	10/01/19	16:31	BP	442822
trans-1,2-Dichloroethene	SW8260B	1	2.2	11	ND		ug/Kg	10/01/19	16:31	BP	442822
MTBE	SW8260B	1	2.5	11	ND		ug/Kg	10/01/19	16:31	BP	442822
TBA	SW8260B	1	12	54	ND		ug/Kg	10/01/19	16:31	BP	442822
Diisopropyl ether	SW8260B	1	2.5	11	ND		ug/Kg	10/01/19	16:31	BP	442822
1,1-Dichloroethane	SW8260B	1	2.4	11	ND		ug/Kg	10/01/19	16:31	BP	442822
Ethyl tert-Butyl ether	SW8260B	1	2.5	11	ND		ug/Kg	10/01/19	16:31	BP	442822
cis-1,2-Dichloroethene	SW8260B	1	2.4	11	ND		ug/Kg	10/01/19	16:31	BP	442822
2,2-Dichloropropane	SW8260B	1	2.1	11	ND		ug/Kg	10/01/19	16:31	BP	442822
Bromochloromethane	SW8260B	1	2.5	11	ND		ug/Kg	10/01/19	16:31	BP	442822
Chloroform	SW8260B	1	2.5	11	ND		ug/Kg	10/01/19	16:31	BP	442822
Carbon Tetrachloride	SW8260B	1	2.2	11	ND		ug/Kg	10/01/19	16:31	BP	442822
1,1,1-Trichloroethane	SW8260B	1	2.2	11	ND		ug/Kg	10/01/19	16:31	BP	442822
1,1-Dichloropropene	SW8260B	1	2.1	11	ND		ug/Kg	10/01/19	16:31	BP	442822
Benzene	SW8260B	1	2.4	11	ND		ug/Kg	10/01/19	16:31	BP	442822
TAME	SW8260B	1	2.4	11	ND		ug/Kg	10/01/19	16:31	BP	442822
1,2-Dichloroethane	SW8260B	1	2.5	11	ND		ug/Kg	10/01/19	16:31	BP	442822
Trichloroethylene	SW8260B	1	1.9	11	ND		ug/Kg	10/01/19	16:31	BP	442822
Dibromomethane	SW8260B	1	2.0	11	ND		ug/Kg	10/01/19	16:31	BP	442822
1,2-Dichloropropane	SW8260B	1	2.0	11	ND		ug/Kg	10/01/19	16:31	BP	442822
Bromodichloromethane	SW8260B	1	2.1	11	ND		ug/Kg	10/01/19	16:31	BP	442822
cis-1,3-Dichloropropene	SW8260B	1	1.7	11	ND		ug/Kg	10/01/19	16:31	BP	442822
Toluene	SW8260B	1	2.0	11	ND		ug/Kg	10/01/19	16:31	BP	442822
Tetrachloroethylene	SW8260B	1	1.8	11	ND		ug/Kg	10/01/19	16:31	BP	442822
trans-1,3-Dichloropropene	SW8260B	1	1.8	11	ND		ug/Kg	10/01/19	16:31	BP	442822
1,1,2-Trichloroethane	SW8260B	1	2.0	11	ND		ug/Kg	10/01/19	16:31	BP	442822
Dibromochloromethane	SW8260B	1	2.0	11	ND		ug/Kg	10/01/19	16:31	BP	442822



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/30/19, 12:25 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-3(5.5-6)	<b>Lab Sample ID:</b>	1909260-011B
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/29/19 / 11:17		
<b>SDG:</b>			

<b>Prep Method:</b> 5035	<b>Prep Batch Date/Time:</b> 10/1/19 11:08:00AM
<b>Prep Batch ID:</b> 1117092	<b>Prep Analyst:</b> BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
1,3-Dichloropropane	SW8260B	1	2.0	11	ND		ug/Kg	10/01/19	16:31	BP	442822
1,2-Dibromoethane	SW8260B	1	1.9	11	ND		ug/Kg	10/01/19	16:31	BP	442822
Chlorobenzene	SW8260B	1	1.9	11	ND		ug/Kg	10/01/19	16:31	BP	442822
Ethylbenzene	SW8260B	1	1.8	11	ND		ug/Kg	10/01/19	16:31	BP	442822
1,1,1,2-Tetrachloroethane	SW8260B	1	2.1	11	ND		ug/Kg	10/01/19	16:31	BP	442822
m,p-Xylene	SW8260B	1	3.4	11	ND		ug/Kg	10/01/19	16:31	BP	442822
o-Xylene	SW8260B	1	1.9	11	ND		ug/Kg	10/01/19	16:31	BP	442822
Styrene	SW8260B	1	1.8	11	ND		ug/Kg	10/01/19	16:31	BP	442822
Bromoforn	SW8260B	1	1.8	11	ND		ug/Kg	10/01/19	16:31	BP	442822
Isopropyl Benzene	SW8260B	1	1.7	11	ND		ug/Kg	10/01/19	16:31	BP	442822
n-Propylbenzene	SW8260B	1	1.7	11	ND		ug/Kg	10/01/19	16:31	BP	442822
Bromobenzene	SW8260B	1	1.9	11	ND		ug/Kg	10/01/19	16:31	BP	442822
1,1,2,2-Tetrachloroethane	SW8260B	1	2.1	11	ND		ug/Kg	10/01/19	16:31	BP	442822
2-Chlorotoluene	SW8260B	1	1.9	11	ND		ug/Kg	10/01/19	16:31	BP	442822
1,3,5-Trimethylbenzene	SW8260B	1	1.7	11	ND		ug/Kg	10/01/19	16:31	BP	442822
1,2,3-Trichloropropane	SW8260B	1	2.0	11	ND		ug/Kg	10/01/19	16:31	BP	442822
4-Chlorotoluene	SW8260B	1	1.8	11	ND		ug/Kg	10/01/19	16:31	BP	442822
tert-Butylbenzene	SW8260B	1	1.7	11	ND		ug/Kg	10/01/19	16:31	BP	442822
1,2,4-Trimethylbenzene	SW8260B	1	1.5	11	ND		ug/Kg	10/01/19	16:31	BP	442822
sec-Butyl Benzene	SW8260B	1	1.7	11	ND		ug/Kg	10/01/19	16:31	BP	442822
p-Isopropyltoluene	SW8260B	1	1.6	11	ND		ug/Kg	10/01/19	16:31	BP	442822
1,3-Dichlorobenzene	SW8260B	1	1.8	11	ND		ug/Kg	10/01/19	16:31	BP	442822
1,4-Dichlorobenzene	SW8260B	1	1.8	11	ND		ug/Kg	10/01/19	16:31	BP	442822
n-Butylbenzene	SW8260B	1	1.6	11	ND		ug/Kg	10/01/19	16:31	BP	442822
1,2-Dichlorobenzene	SW8260B	1	1.9	11	ND		ug/Kg	10/01/19	16:31	BP	442822
1,2-Dibromo-3-Chloropropane	SW8260B	1	2.0	11	ND		ug/Kg	10/01/19	16:31	BP	442822
Hexachlorobutadiene	SW8260B	1	1.5	11	ND		ug/Kg	10/01/19	16:31	BP	442822
1,2,4-Trichlorobenzene	SW8260B	1	1.6	11	ND		ug/Kg	10/01/19	16:31	BP	442822
Naphthalene	SW8260B	1	1.8	11	ND		ug/Kg	10/01/19	16:31	BP	442822
1,2,3-Trichlorobenzene	SW8260B	1	1.8	11	ND		ug/Kg	10/01/19	16:31	BP	442822
2-Butanone	SW8260B	1	2.5	11	ND		ug/Kg	10/01/19	16:31	BP	442822
(S) Dibromofluoromethane	SW8260B		59.8 - 148		<b>125</b>		%	10/01/19	16:31	BP	442822
(S) Toluene-d8	SW8260B		55.2 - 133		<b>114</b>		%	10/01/19	16:31	BP	442822
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		<b>99.5</b>		%	10/01/19	16:31	BP	442822



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/30/19, 12:25 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-3(5.5-6)	<b>Lab Sample ID:</b>	1909260-011B
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/29/19 / 11:17		
<b>SDG:</b>			

<b>Prep Method:</b> 5035GRO	<b>Prep Batch Date/Time:</b> 10/1/19 11:08:00AM
<b>Prep Batch ID:</b> 1117093	<b>Prep Analyst:</b> BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH(Gasoline)	8260TPH	1	46	110	ND		ug/Kg	10/01/19	16:31	bp	442822
(S) 4-Bromofluorobenzene	8260TPH		43.9 - 127		<b>73.3</b>		%	10/01/19	16:31	bp	442822



### SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/30/19, 12:25 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-3(9-9.5)	<b>Lab Sample ID:</b>	1909260-012A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/29/19 / 11:30		
<b>SDG:</b>			

<b>Prep Method:</b> 7471BP	<b>Prep Batch Date/Time:</b> 10/1/19	6:00:00PM
<b>Prep Batch ID:</b> 1117066	<b>Prep Analyst:</b> IRNAZ	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Mercury	SW7471B	1	0.11	0.64	ND		mg/Kg	10/02/19	12:42	BJAY	442813





## SAMPLE RESULTS

Report prepared for: Ron Helm  
Cornerstone Earth Group

Date/Time Received: 09/30/19, 12:25 pm  
Date Reported: 10/18/19

Client Sample ID:	EB-3(9-9.5)	Lab Sample ID:	1909260-012A
Project Name/Location:	95 S. Almaden Soil Profiling	Sample Matrix:	Soil
Project Number:	510-29-2		
Date/Time Sampled:	09/29/19 / 11:30		
SDG:			

Prep Method: 3050B	Prep Batch Date/Time: 10/1/19	5:50:00PM
Prep Batch ID: 1117065	Prep Analyst: IRNAZ	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Antimony	SW6010B	1	0.064	6.35	ND		mg/Kg	10/02/19	13:34	PPATEL	442820
Arsenic	SW6010B	1	0.19	1.65	<b>6.73</b>		mg/Kg	10/02/19	13:34	PPATEL	442820
Barium	SW6010B	1	0.070	6.35	<b>271</b>		mg/Kg	10/02/19	13:34	PPATEL	442820
Beryllium	SW6010B	1	0.070	6.35	ND		mg/Kg	10/02/19	13:34	PPATEL	442820
Cadmium	SW6010B	1	0.13	6.35	ND		mg/Kg	10/02/19	13:34	PPATEL	442820
Chromium	SW6010B	1	0.095	6.35	<b>68.6</b>		mg/Kg	10/02/19	13:34	PPATEL	442820
Cobalt	SW6010B	1	0.089	6.35	<b>17.5</b>		mg/Kg	10/02/19	13:34	PPATEL	442820
Copper	SW6010B	1	0.25	6.35	<b>52.3</b>		mg/Kg	10/02/19	13:34	PPATEL	442820
Lead	SW6010B	1	0.13	3.81	<b>15.3</b>		mg/Kg	10/02/19	13:34	PPATEL	442820
Molybdenum	SW6010B	1	0.064	6.35	ND		mg/Kg	10/02/19	13:34	PPATEL	442820
Nickel	SW6010B	1	0.64	6.35	<b>121</b>		mg/Kg	10/02/19	13:34	PPATEL	442820
Selenium	SW6010B	1	0.28	6.35	ND		mg/Kg	10/02/19	13:34	PPATEL	442820
Silver	SW6010B	1	0.19	6.35	ND		mg/Kg	10/02/19	13:34	PPATEL	442820
Thallium	SW6010B	1	0.70	6.35	ND		mg/Kg	10/02/19	13:34	PPATEL	442820
Vanadium	SW6010B	1	0.13	6.35	<b>54.5</b>		mg/Kg	10/02/19	13:34	PPATEL	442820
Zinc	SW6010B	1	0.38	6.35	<b>81.3</b>		mg/Kg	10/02/19	13:34	PPATEL	442820



### SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/30/19, 12:25 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-3(9-9.5)	<b>Lab Sample ID:</b>	1909260-012A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/29/19 / 11:30		
<b>SDG:</b>			

<b>Prep Method:</b> WET/3010B	<b>Prep Batch Date/Time:</b> 10/10/19	3:50:00PM
<b>Prep Batch ID:</b> 1117290	<b>Prep Analyst:</b> BJAY	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Chromium (STLC)	SW6010B	1	0.010	0.20	ND		mg/L	10/10/19	19:48	PPATEL	443035



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/30/19, 12:25 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-3(9-9.5)	<b>Lab Sample ID:</b>	1909260-012A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/29/19 / 11:30		
<b>SDG:</b>			

<b>Prep Method:</b> 3546_PAHSIM	<b>Prep Batch Date/Time:</b> 10/1/19 10:26:00AM
<b>Prep Batch ID:</b> 1117039	<b>Prep Analyst:</b> SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Naphthalene	SW8270C	1	0.65	5.0	ND		ug/Kg	10/01/19	22:23	MT	442817
2-Methylnaphthalene	SW8270C	1	0.28	5.0	ND		ug/Kg	10/01/19	22:23	MT	442817
1-Methylnaphthalene	SW8270C	1	0.23	5.0	ND		ug/Kg	10/01/19	22:23	MT	442817
Acenaphthylene	SW8270C	1	0.24	5.0	ND		ug/Kg	10/01/19	22:23	MT	442817
Acenaphthene	SW8270C	1	0.21	5.0	ND		ug/Kg	10/01/19	22:23	MT	442817
Fluorene	SW8270C	1	0.34	5.0	ND		ug/Kg	10/01/19	22:23	MT	442817
Phenanthrene	SW8270C	1	0.75	5.0	ND		ug/Kg	10/01/19	22:23	MT	442817
Anthracene	SW8270C	1	0.67	5.0	ND		ug/Kg	10/01/19	22:23	MT	442817
Fluoranthene	SW8270C	1	0.67	5.0	ND		ug/Kg	10/01/19	22:23	MT	442817
Pyrene	SW8270C	1	0.70	5.0	ND		ug/Kg	10/01/19	22:23	MT	442817
Benz[a]anthracene	SW8270C	1	0.59	5.0	ND		ug/Kg	10/01/19	22:23	MT	442817
Chrysene	SW8270C	1	0.62	5.0	ND		ug/Kg	10/01/19	22:23	MT	442817
Benzo[b]fluoranthene	SW8270C	1	0.31	5.0	ND		ug/Kg	10/01/19	22:23	MT	442817
Benzo[k]fluoranthene	SW8270C	1	0.29	5.0	ND		ug/Kg	10/01/19	22:23	MT	442817
Benzo[a]pyrene	SW8270C	1	0.36	5.0	ND		ug/Kg	10/01/19	22:23	MT	442817
Indeno[1,2,3-cd]pyrene	SW8270C	1	0.28	5.0	ND		ug/Kg	10/01/19	22:23	MT	442817
Dibenz[a,h]anthracene	SW8270C	1	0.35	5.0	ND		ug/Kg	10/01/19	22:23	MT	442817
Benzo[g,h,i]perylene	SW8270C	1	0.34	5.0	ND		ug/Kg	10/01/19	22:23	MT	442817
Acceptance Limits											
2-Fluorobiphenyl (S)	SW8270C		45 - 125		<b>68</b>		%	10/01/19	22:23	MT	442817
p-Terphenyl-d14 (S)	SW8270C		30 - 125		<b>72</b>		%	10/01/19	22:23	MT	442817



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/30/19, 12:25 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-3(9-9.5)	<b>Lab Sample ID:</b>	1909260-012A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/29/19 / 11:30		
<b>SDG:</b>			

<b>Prep Method:</b> 3546_PCB	<b>Prep Batch Date/Time:</b> 10/1/19 1:30:00PM
<b>Prep Batch ID:</b> 1117046	<b>Prep Analyst:</b> SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Aroclor1016	SW8082A	1	67	130	ND		ug/Kg	10/01/19	22:35	MK	442798
Aroclor1221	SW8082A	1	6.4	130	ND		ug/Kg	10/01/19	22:35	MK	442798
Aroclor1232	SW8082A	1	22	130	ND		ug/Kg	10/01/19	22:35	MK	442798
Aroclor1242	SW8082A	1	3.8	130	ND		ug/Kg	10/01/19	22:35	MK	442798
Aroclor1248	SW8082A	1	2.5	130	ND		ug/Kg	10/01/19	22:35	MK	442798
Aroclor1254	SW8082A	1	2.5	130	ND		ug/Kg	10/01/19	22:35	MK	442798
Aroclor1260	SW8082A	1	46	130	ND		ug/Kg	10/01/19	22:35	MK	442798
Acceptance Limits											
TCMX (S)	SW8082A		48 - 125		<b>82.0</b>		%	10/01/19	22:35	MK	442798
DCBP (S)	SW8082A		48 - 135		<b>70.0</b>		%	10/01/19	22:35	MK	442798



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/30/19, 12:25 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-3(9-9.5)	<b>Lab Sample ID:</b>	1909260-012A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/29/19 / 11:30		
<b>SDG:</b>			

<b>Prep Method:</b> 3546_OCP	<b>Prep Batch Date/Time:</b> 10/1/19 1:26:00PM
<b>Prep Batch ID:</b> 1117044	<b>Prep Analyst:</b> SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
alpha-BHC	SW8081B	1	0.16	2.5	ND		ug/Kg	10/02/19	2:19	MK	442844
gamma-BHC (Lindane)	SW8081B	1	0.20	2.5	ND		ug/Kg	10/02/19	2:19	MK	442844
beta-BHC	SW8081B	1	0.40	2.5	ND		ug/Kg	10/02/19	2:19	MK	442844
delta-BHC	SW8081B	1	0.20	2.5	ND		ug/Kg	10/02/19	2:19	MK	442844
Heptachlor	SW8081B	1	0.13	2.5	ND		ug/Kg	10/02/19	2:19	MK	442844
Aldrin	SW8081B	1	0.25	2.5	ND		ug/Kg	10/02/19	2:19	MK	442844
Heptachlor Epoxide	SW8081B	1	0.099	2.5	ND		ug/Kg	10/02/19	2:19	MK	442844
gamma-Chlordane	SW8081B	1	0.21	2.5	ND		ug/Kg	10/02/19	2:19	MK	442844
alpha-Chlordane	SW8081B	1	0.22	2.5	ND		ug/Kg	10/02/19	2:19	MK	442844
4,4'-DDE	SW8081B	1	0.25	2.5	ND		ug/Kg	10/02/19	2:19	MK	442844
Endosulfan I	SW8081B	1	0.23	2.5	ND		ug/Kg	10/02/19	2:19	MK	442844
Dieldrin	SW8081B	1	0.19	2.5	ND		ug/Kg	10/02/19	2:19	MK	442844
Endrin	SW8081B	1	0.24	2.5	ND		ug/Kg	10/02/19	2:19	MK	442844
4,4'-DDD	SW8081B	1	0.72	2.5	ND		ug/Kg	10/02/19	2:19	MK	442844
Endosulfan II	SW8081B	1	0.73	2.5	ND		ug/Kg	10/02/19	2:19	MK	442844
4,4'-DDT	SW8081B	1	0.16	2.5	ND		ug/Kg	10/02/19	2:19	MK	442844
Endrin Aldehyde	SW8081B	1	0.19	2.5	ND		ug/Kg	10/02/19	2:19	MK	442844
Methoxychlor	SW8081B	1	0.25	2.5	ND		ug/Kg	10/02/19	2:19	MK	442844
Endosulfan Sulfate	SW8081B	1	0.15	2.5	ND		ug/Kg	10/02/19	2:19	MK	442844
Endrin Ketone	SW8081B	1	0.12	2.5	ND		ug/Kg	10/02/19	2:19	MK	442844
Chlordane	SW8081B	1	2.7	25	ND		ug/Kg	10/02/19	2:19	MK	442844
Toxaphene	SW8081B	1	11	64	ND		ug/Kg	10/02/19	2:19	MK	442844
Acceptance Limits											
TCMX (S)	SW8081B		48 - 125		<b>75.9</b>		%	10/02/19	2:19	MK	442844
DCBP (S)	SW8081B		38 - 135		<b>76.6</b>		%	10/02/19	2:19	MK	442844



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/30/19, 12:25 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-3(9-9.5)	<b>Lab Sample ID:</b>	1909260-012A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/29/19 / 11:30		
<b>SDG:</b>			

<b>Prep Method:</b> % Water-P	<b>Prep Batch Date/Time:</b> 10/4/19	6:50:00PM
<b>Prep Batch ID:</b> 1117183	<b>Prep Analyst:</b> BJAY	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Moisture, Percent	ASTM D2216-90	1	0.050	0.050	27.3		%	10/05/19	12:50	BJAY	442909
Dry Weight Factor	ASTM D2216-90	1	1	1	1.27		-	10/05/19	12:50	BJAY	442909



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/30/19, 12:25 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-3(9-9.5)	<b>Lab Sample ID:</b>	1909260-012A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/29/19 / 11:30		
<b>SDG:</b>			

<b>Prep Method:</b> 3546_BNA	<b>Prep Batch Date/Time:</b> 10/1/19 10:24:00AM
<b>Prep Batch ID:</b> 1117038	<b>Prep Analyst:</b> SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
N-Nitrosodimethylamine	SW8270C	1	60.0	922	ND		ug/Kg	10/03/19	16:21	MT	442802
Phenol	SW8270C	1	56.1	369	ND		ug/Kg	10/03/19	16:21	MT	442802
Bis(2-chloroethyl)ether	SW8270C	1	17.0	184	ND		ug/Kg	10/03/19	16:21	MT	442802
2-Chlorophenol	SW8270C	1	61.1	369	ND		ug/Kg	10/03/19	16:21	MT	442802
1,3-Dichlorobenzene	SW8270C	1	16.8	184	ND		ug/Kg	10/03/19	16:21	MT	442802
1,4-Dichlorobenzene	SW8270C	1	18.7	184	ND		ug/Kg	10/03/19	16:21	MT	442802
Benzyl Alcohol	SW8270C	1	26.2	369	ND		ug/Kg	10/03/19	16:21	MT	442802
1,2-Dichlorobenzene	SW8270C	1	17.3	184	ND		ug/Kg	10/03/19	16:21	MT	442802
2-Methylphenol (o-Cresol)	SW8270C	1	37.6	369	ND		ug/Kg	10/03/19	16:21	MT	442802
N-Methyl-2-Pyrrolidone (NMP)	SW8270C	1	87.1	922	ND		ug/Kg	10/03/19	16:21	MT	442802
3-/4-Methylphenol (p-/m-Cresol)	SW8270C	1	40.1	369	ND		ug/Kg	10/03/19	16:21	MT	442802
N-nitroso-di-n-propylamine	SW8270C	1	16.8	184	ND		ug/Kg	10/03/19	16:21	MT	442802
Hexachloroethane	SW8270C	1	21.8	184	ND		ug/Kg	10/03/19	16:21	MT	442802
Nitrobenzene	SW8270C	1	16.4	184	ND		ug/Kg	10/03/19	16:21	MT	442802
Isophorone	SW8270C	1	15.6	184	ND		ug/Kg	10/03/19	16:21	MT	442802
2-Nitrophenol	SW8270C	1	32.5	369	ND		ug/Kg	10/03/19	16:21	MT	442802
2,4-Dimethylphenol	SW8270C	1	29.2	369	ND		ug/Kg	10/03/19	16:21	MT	442802
Benzoic Acid	SW8270C	1	53.4	369	ND		ug/Kg	10/03/19	16:21	MT	442802
Bis(2-Chloroethoxy)methane	SW8270C	1	12.5	184	ND		ug/Kg	10/03/19	16:21	MT	442802
Bis(2-chloroisopropyl)ether	SW8270C	1	16.1	184	ND		ug/Kg	10/03/19	16:21	MT	442802
2,4-Dichlorophenol	SW8270C	1	50.3	369	ND		ug/Kg	10/03/19	16:21	MT	442802
1,2,4-Trichlorobenzene	SW8270C	1	15.1	184	ND		ug/Kg	10/03/19	16:21	MT	442802
2,6-Dichlorophenol	SW8270C	1	45.8	369	ND		ug/Kg	10/03/19	16:21	MT	442802
Hexachloro-1,3-butadiene	SW8270C	1	10.7	184	ND		ug/Kg	10/03/19	16:21	MT	442802
4-Chloro-3-methylphenol	SW8270C	1	43.3	369	ND		ug/Kg	10/03/19	16:21	MT	442802
Hexachlorocyclopentadiene	SW8270C	1	16.6	184	ND		ug/Kg	10/03/19	16:21	MT	442802
2,4,6-Trichlorophenol	SW8270C	1	46.0	369	ND		ug/Kg	10/03/19	16:21	MT	442802
2,4,5-Trichlorophenol	SW8270C	1	42.7	369	ND		ug/Kg	10/03/19	16:21	MT	442802
2-Chloronaphthalene	SW8270C	1	13.6	184	ND		ug/Kg	10/03/19	16:21	MT	442802
1,4-Dinitrobenzene	SW8270C	1	13.2	184	ND		ug/Kg	10/03/19	16:21	MT	442802
Dimethyl phthalate	SW8270C	1	18.1	922	ND		ug/Kg	10/03/19	16:21	MT	442802
1,3-Dinitrobenzene	SW8270C	1	13.3	184	ND		ug/Kg	10/03/19	16:21	MT	442802
2,6-Dinitrotoluene	SW8270C	1	14.5	184	ND		ug/Kg	10/03/19	16:21	MT	442802
1,2-Dinitrobenzene	SW8270C	1	20.2	184	ND		ug/Kg	10/03/19	16:21	MT	442802
2,4-Dinitrophenol	SW8270C	1	99.3	922	ND		ug/Kg	10/03/19	16:21	MT	442802



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/30/19, 12:25 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-3(9-9.5)	<b>Lab Sample ID:</b>	1909260-012A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/29/19 / 11:30		
<b>SDG:</b>			

<b>Prep Method:</b> 3546_BNA	<b>Prep Batch Date/Time:</b> 10/1/19 10:24:00AM
<b>Prep Batch ID:</b> 1117038	<b>Prep Analyst:</b> SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
4-Nitrophenol	SW8270C	1	70.0	922	ND		ug/Kg	10/03/19	16:21	MT	442802
Dibenzofuran	SW8270C	1	14.4	184	ND		ug/Kg	10/03/19	16:21	MT	442802
2,4-Dinitrotoluene	SW8270C	1	15.5	184	ND		ug/Kg	10/03/19	16:21	MT	442802
2,3,5,6-Tetrachlorophenol	SW8270C	1	35.3	369	ND		ug/Kg	10/03/19	16:21	MT	442802
2,3,4,6-Tetrachlorophenol	SW8270C	1	40.3	369	ND		ug/Kg	10/03/19	16:21	MT	442802
Diethylphthalate	SW8270C	1	17.4	922	ND		ug/Kg	10/03/19	16:21	MT	442802
4-Chlorophenyl-phenylether	SW8270C	1	11.9	184	ND		ug/Kg	10/03/19	16:21	MT	442802
4,6-Dinitro-2-methylphenol	SW8270C	1	17.1	369	ND		ug/Kg	10/03/19	16:21	MT	442802
Diphenylamine	SW8270C	1	16.7	184	ND		ug/Kg	10/03/19	16:21	MT	442802
4-Bromophenyl-phenylether	SW8270C	1	10.5	184	ND		ug/Kg	10/03/19	16:21	MT	442802
Hexachlorobenzene	SW8270C	1	11.1	184	ND		ug/Kg	10/03/19	16:21	MT	442802
Pentachlorophenol	SW8270C	1	32.0	369	ND		ug/Kg	10/03/19	16:21	MT	442802
Carbazole	SW8270C	1	13.7	184	ND		ug/Kg	10/03/19	16:21	MT	442802
Di-n-butylphthalate	SW8270C	1	17.3	184	ND		ug/Kg	10/03/19	16:21	MT	442802
Benzidine	SW8270C	1	188	184	ND		ug/Kg	10/03/19	16:21	MT	442802
Butylbenzylphthalate	SW8270C	1	26.9	922	ND		ug/Kg	10/03/19	16:21	MT	442802
Benzo(a)anthracene	SW8270C	1	12.5	184	ND		ug/Kg	10/03/19	16:21	MT	442802
3,3-Dichlorobenzidine	SW8270C	1	151	184	ND		ug/Kg	10/03/19	16:21	MT	442802
Bis(2-Ethylhexyl)phthalate	SW8270C	1	19.6	922	ND		ug/Kg	10/03/19	16:21	MT	442802
Di-n-Octylphthalate	SW8270C	1	15.7	184	ND		ug/Kg	10/03/19	16:21	MT	442802
Pyridine	SW8270C	1	56.1	922	ND		ug/Kg	10/03/19	16:21	MT	442802
Acceptance Limits											
2-Fluorophenol (S)	SW8270C		25 - 121		<b>63.6</b>		%	10/03/19	16:21	MT	442802
Phenol-d6 (S)	SW8270C		24 - 113		<b>65.0</b>		%	10/03/19	16:21	MT	442802
2,4,6-Tribromophenol (S)	SW8270C		19 - 122		<b>67.7</b>		%	10/03/19	16:21	MT	442802
2-Fluorobiphenyl (S)	SW8270C		45 - 143		<b>64.7</b>		%	10/03/19	16:21	MT	442802
Nitrobenzene-d5 (S)	SW8270C		23 - 120		<b>59.4</b>		%	10/03/19	16:21	MT	442802
Terphenyl-d14 (S)	SW8270C		18 - 137		<b>74.2</b>		%	10/03/19	16:21	MT	442802





## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/30/19, 12:25 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-3(9-9.5)	<b>Lab Sample ID:</b>	1909260-012A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/29/19 / 11:30		
<b>SDG:</b>			

<b>Prep Method:</b> 3546_TPH	<b>Prep Batch Date/Time:</b> 10/2/19	10:33:00AM
<b>Prep Batch ID:</b> 1117074	<b>Prep Analyst:</b> MSAT	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel	SW8015B	1	1.1	2.5	ND		mg/Kg	10/02/19	19:50	MK	442815
TPH as Motor Oil	SW8015B	1	4.0	13	ND		mg/Kg	10/02/19	19:50	MK	442815
			Acceptance Limits								
Pentacosane (S)	SW8015B		59 - 129		<b>78.0</b>		%	10/02/19	19:50	MK	442815



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/30/19, 12:25 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-3(9-9.5)	<b>Lab Sample ID:</b>	1909260-012B
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/29/19 / 11:30		
<b>SDG:</b>			

<b>Prep Method:</b> 5035	<b>Prep Batch Date/Time:</b> 10/1/19 11:08:00AM
<b>Prep Batch ID:</b> 1117092	<b>Prep Analyst:</b> BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	SW8260B	1	1.5	12	ND		ug/Kg	10/01/19	17:00	BP	442822
Chloromethane	SW8260B	1	2.2	12	ND		ug/Kg	10/01/19	17:00	BP	442822
Vinyl Chloride	SW8260B	1	2.4	12	ND		ug/Kg	10/01/19	17:00	BP	442822
Bromomethane	SW8260B	1	3.2	12	ND		ug/Kg	10/01/19	17:00	BP	442822
Chloroethane	SW8260B	1	3.6	12	ND		ug/Kg	10/01/19	17:00	BP	442822
Trichlorofluoromethane	SW8260B	1	2.4	12	ND		ug/Kg	10/01/19	17:00	BP	442822
1,1-Dichloroethene	SW8260B	1	2.4	12	ND		ug/Kg	10/01/19	17:00	BP	442822
Freon 113	SW8260B	1	2.2	12	ND		ug/Kg	10/01/19	17:00	BP	442822
Methylene Chloride	SW8260B	1	8.4	12	ND		ug/Kg	10/01/19	17:00	BP	442822
trans-1,2-Dichloroethene	SW8260B	1	2.5	12	ND		ug/Kg	10/01/19	17:00	BP	442822
MTBE	SW8260B	1	2.8	12	ND		ug/Kg	10/01/19	17:00	BP	442822
TBA	SW8260B	1	14	59	ND		ug/Kg	10/01/19	17:00	BP	442822
Diisopropyl ether	SW8260B	1	2.7	12	ND		ug/Kg	10/01/19	17:00	BP	442822
1,1-Dichloroethane	SW8260B	1	2.6	12	ND		ug/Kg	10/01/19	17:00	BP	442822
Ethyl tert-Butyl ether	SW8260B	1	2.7	12	ND		ug/Kg	10/01/19	17:00	BP	442822
cis-1,2-Dichloroethene	SW8260B	1	2.6	12	ND		ug/Kg	10/01/19	17:00	BP	442822
2,2-Dichloropropane	SW8260B	1	2.3	12	ND		ug/Kg	10/01/19	17:00	BP	442822
Bromochloromethane	SW8260B	1	2.8	12	ND		ug/Kg	10/01/19	17:00	BP	442822
Chloroform	SW8260B	1	2.8	12	ND		ug/Kg	10/01/19	17:00	BP	442822
Carbon Tetrachloride	SW8260B	1	2.4	12	ND		ug/Kg	10/01/19	17:00	BP	442822
1,1,1-Trichloroethane	SW8260B	1	2.5	12	ND		ug/Kg	10/01/19	17:00	BP	442822
1,1-Dichloropropene	SW8260B	1	2.3	12	ND		ug/Kg	10/01/19	17:00	BP	442822
Benzene	SW8260B	1	2.6	12	ND		ug/Kg	10/01/19	17:00	BP	442822
TAME	SW8260B	1	2.7	12	ND		ug/Kg	10/01/19	17:00	BP	442822
1,2-Dichloroethane	SW8260B	1	2.8	12	ND		ug/Kg	10/01/19	17:00	BP	442822
Trichloroethylene	SW8260B	1	2.1	12	ND		ug/Kg	10/01/19	17:00	BP	442822
Dibromomethane	SW8260B	1	2.2	12	ND		ug/Kg	10/01/19	17:00	BP	442822
1,2-Dichloropropane	SW8260B	1	2.2	12	ND		ug/Kg	10/01/19	17:00	BP	442822
Bromodichloromethane	SW8260B	1	2.3	12	ND		ug/Kg	10/01/19	17:00	BP	442822
cis-1,3-Dichloropropene	SW8260B	1	1.9	12	ND		ug/Kg	10/01/19	17:00	BP	442822
Toluene	SW8260B	1	2.2	12	ND		ug/Kg	10/01/19	17:00	BP	442822
Tetrachloroethylene	SW8260B	1	2.0	12	ND		ug/Kg	10/01/19	17:00	BP	442822
trans-1,3-Dichloropropene	SW8260B	1	2.0	12	ND		ug/Kg	10/01/19	17:00	BP	442822
1,1,2-Trichloroethane	SW8260B	1	2.2	12	ND		ug/Kg	10/01/19	17:00	BP	442822
Dibromochloromethane	SW8260B	1	2.2	12	ND		ug/Kg	10/01/19	17:00	BP	442822



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/30/19, 12:25 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-3(9-9.5)	<b>Lab Sample ID:</b>	1909260-012B
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/29/19 / 11:30		
<b>SDG:</b>			

<b>Prep Method:</b> 5035	<b>Prep Batch Date/Time:</b> 10/1/19 11:08:00AM
<b>Prep Batch ID:</b> 1117092	<b>Prep Analyst:</b> BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
1,3-Dichloropropane	SW8260B	1	2.2	12	ND		ug/Kg	10/01/19	17:00	BP	442822
1,2-Dibromoethane	SW8260B	1	2.1	12	ND		ug/Kg	10/01/19	17:00	BP	442822
Chlorobenzene	SW8260B	1	2.1	12	ND		ug/Kg	10/01/19	17:00	BP	442822
Ethylbenzene	SW8260B	1	2.0	12	ND		ug/Kg	10/01/19	17:00	BP	442822
1,1,1,2-Tetrachloroethane	SW8260B	1	2.3	12	ND		ug/Kg	10/01/19	17:00	BP	442822
m,p-Xylene	SW8260B	1	3.7	12	ND		ug/Kg	10/01/19	17:00	BP	442822
o-Xylene	SW8260B	1	2.0	12	ND		ug/Kg	10/01/19	17:00	BP	442822
Styrene	SW8260B	1	1.9	12	ND		ug/Kg	10/01/19	17:00	BP	442822
Bromoform	SW8260B	1	2.0	12	ND		ug/Kg	10/01/19	17:00	BP	442822
Isopropyl Benzene	SW8260B	1	1.9	12	ND		ug/Kg	10/01/19	17:00	BP	442822
n-Propylbenzene	SW8260B	1	1.9	12	ND		ug/Kg	10/01/19	17:00	BP	442822
Bromobenzene	SW8260B	1	2.1	12	ND		ug/Kg	10/01/19	17:00	BP	442822
1,1,2,2-Tetrachloroethane	SW8260B	1	2.3	12	ND		ug/Kg	10/01/19	17:00	BP	442822
2-Chlorotoluene	SW8260B	1	2.1	12	ND		ug/Kg	10/01/19	17:00	BP	442822
1,3,5-Trimethylbenzene	SW8260B	1	1.9	12	ND		ug/Kg	10/01/19	17:00	BP	442822
1,2,3-Trichloropropane	SW8260B	1	2.3	12	ND		ug/Kg	10/01/19	17:00	BP	442822
4-Chlorotoluene	SW8260B	1	2.0	12	ND		ug/Kg	10/01/19	17:00	BP	442822
tert-Butylbenzene	SW8260B	1	1.9	12	ND		ug/Kg	10/01/19	17:00	BP	442822
1,2,4-Trimethylbenzene	SW8260B	1	1.6	12	ND		ug/Kg	10/01/19	17:00	BP	442822
sec-Butyl Benzene	SW8260B	1	1.8	12	ND		ug/Kg	10/01/19	17:00	BP	442822
p-Isopropyltoluene	SW8260B	1	1.7	12	ND		ug/Kg	10/01/19	17:00	BP	442822
1,3-Dichlorobenzene	SW8260B	1	2.0	12	ND		ug/Kg	10/01/19	17:00	BP	442822
1,4-Dichlorobenzene	SW8260B	1	2.0	12	ND		ug/Kg	10/01/19	17:00	BP	442822
n-Butylbenzene	SW8260B	1	1.7	12	ND		ug/Kg	10/01/19	17:00	BP	442822
1,2-Dichlorobenzene	SW8260B	1	2.1	12	ND		ug/Kg	10/01/19	17:00	BP	442822
1,2-Dibromo-3-Chloropropane	SW8260B	1	2.2	12	ND		ug/Kg	10/01/19	17:00	BP	442822
Hexachlorobutadiene	SW8260B	1	1.6	12	ND		ug/Kg	10/01/19	17:00	BP	442822
1,2,4-Trichlorobenzene	SW8260B	1	1.7	12	ND		ug/Kg	10/01/19	17:00	BP	442822
Naphthalene	SW8260B	1	2.0	12	ND		ug/Kg	10/01/19	17:00	BP	442822
1,2,3-Trichlorobenzene	SW8260B	1	2.0	12	ND		ug/Kg	10/01/19	17:00	BP	442822
2-Butanone	SW8260B	1	2.7	12	ND		ug/Kg	10/01/19	17:00	BP	442822
(S) Dibromofluoromethane	SW8260B		59.8 - 148		<b>130</b>		%	10/01/19	17:00	BP	442822
(S) Toluene-d8	SW8260B		55.2 - 133		<b>114</b>		%	10/01/19	17:00	BP	442822
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		<b>102</b>		%	10/01/19	17:00	BP	442822



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/30/19, 12:25 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-3(9-9.5)	<b>Lab Sample ID:</b>	1909260-012B
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/29/19 / 11:30		
<b>SDG:</b>			

<b>Prep Method:</b> 5035GRO	<b>Prep Batch Date/Time:</b> 10/1/19 11:08:00AM
<b>Prep Batch ID:</b> 1117093	<b>Prep Analyst:</b> BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH(Gasoline)	8260TPH	1	51	120	ND		ug/Kg	10/01/19	17:00	bp	442822
(S) 4-Bromofluorobenzene	8260TPH		43.9 - 127		<b>74.8</b>		%	10/01/19	17:00	bp	442822



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/30/19, 12:25 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-3(24-24.5)	<b>Lab Sample ID:</b>	1909260-013A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/29/19 / 12:01		
<b>SDG:</b>			

<b>Prep Method:</b> 7471BP	<b>Prep Batch Date/Time:</b> 10/1/19	6:00:00PM
<b>Prep Batch ID:</b> 1117066	<b>Prep Analyst:</b> IRNAZ	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Mercury	SW7471B	1	0.10	0.63	ND		mg/Kg	10/02/19	12:44	BJAY	442813



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/30/19, 12:25 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-3(24-24.5)	<b>Lab Sample ID:</b>	1909260-013A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/29/19 / 12:01		
<b>SDG:</b>			

<b>Prep Method:</b> 3050B	<b>Prep Batch Date/Time:</b> 10/1/19	5:50:00PM
<b>Prep Batch ID:</b> 1117065	<b>Prep Analyst:</b> IRNAZ	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Antimony	SW6010B	1	0.063	6.25	ND		mg/Kg	10/02/19	13:37	PPATEL	442820
Arsenic	SW6010B	1	0.19	1.63	ND		mg/Kg	10/02/19	13:37	PPATEL	442820
Barium	SW6010B	1	0.069	6.25	<b>126</b>		mg/Kg	10/02/19	13:37	PPATEL	442820
Beryllium	SW6010B	1	0.069	6.25	ND		mg/Kg	10/02/19	13:37	PPATEL	442820
Cadmium	SW6010B	1	0.13	6.25	ND		mg/Kg	10/02/19	13:37	PPATEL	442820
Chromium	SW6010B	1	0.094	6.25	<b>71.3</b>		mg/Kg	10/02/19	13:37	PPATEL	442820
Cobalt	SW6010B	1	0.088	6.25	<b>13.9</b>		mg/Kg	10/02/19	13:37	PPATEL	442820
Copper	SW6010B	1	0.25	6.25	<b>36.3</b>		mg/Kg	10/02/19	13:37	PPATEL	442820
Lead	SW6010B	1	0.13	3.75	<b>8.06</b>		mg/Kg	10/02/19	13:37	PPATEL	442820
Molybdenum	SW6010B	1	0.063	6.25	ND		mg/Kg	10/02/19	13:37	PPATEL	442820
Nickel	SW6010B	1	0.63	6.25	<b>88.8</b>		mg/Kg	10/02/19	13:37	PPATEL	442820
Selenium	SW6010B	1	0.28	6.25	ND		mg/Kg	10/02/19	13:37	PPATEL	442820
Silver	SW6010B	1	0.19	6.25	ND		mg/Kg	10/02/19	13:37	PPATEL	442820
Thallium	SW6010B	1	0.69	6.25	ND		mg/Kg	10/02/19	13:37	PPATEL	442820
Vanadium	SW6010B	1	0.13	6.25	<b>56.2</b>		mg/Kg	10/02/19	13:37	PPATEL	442820
Zinc	SW6010B	1	0.38	6.25	<b>70.6</b>		mg/Kg	10/02/19	13:37	PPATEL	442820



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/30/19, 12:25 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-3(24-24.5)	<b>Lab Sample ID:</b>	1909260-013A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/29/19 / 12:01		
<b>SDG:</b>			

<b>Prep Method:</b> WET/3010B	<b>Prep Batch Date/Time:</b> 10/10/19	3:50:00PM
<b>Prep Batch ID:</b> 1117290	<b>Prep Analyst:</b> BJAY	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Chromium (STLC)	SW6010B	1	0.010	0.20	<b>0.474</b>		mg/L	10/10/19	19:57	PPATEL	443035



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/30/19, 12:25 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-3(24-24.5)	<b>Lab Sample ID:</b>	1909260-013A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/29/19 / 12:01		
<b>SDG:</b>			

<b>Prep Method:</b> % Water-P	<b>Prep Batch Date/Time:</b> 10/4/19	6:50:00PM
<b>Prep Batch ID:</b> 1117183	<b>Prep Analyst:</b> BJAY	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Moisture, Percent	ASTM D2216-90	1	0.050	0.050	<b>25.2</b>		%	10/05/19	12:50	BJAY	442909
Dry Weight Factor	ASTM D2216-90	1	1	1	<b>1.25</b>		-	10/05/19	12:50	BJAY	442909





## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/30/19, 12:25 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-3(24-24.5)	<b>Lab Sample ID:</b>	1909260-013A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/29/19 / 12:01		
<b>SDG:</b>			

<b>Prep Method:</b> 3546_TPH	<b>Prep Batch Date/Time:</b> 10/2/19	10:33:00AM
<b>Prep Batch ID:</b> 1117074	<b>Prep Analyst:</b> MSAT	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel	SW8015B	1	1.1	2.5	<b>4.00</b>	x	mg/Kg	10/02/19	20:13	MK	442815
TPH as Motor Oil	SW8015B	1	4.0	13	<b>13.1</b>		mg/Kg	10/02/19	20:13	MK	442815
Acceptance Limits											
Pentacosane (S)	SW8015B		59 - 129		<b>78.0</b>		%	10/02/19	20:13	MK	442815

**NOTE:** x-not typical of Diesel ref. std: peaks within Diesel range quantified as diesel



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/30/19, 12:25 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-3(24-24.5)	<b>Lab Sample ID:</b>	1909260-013B
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/29/19 / 12:01		
<b>SDG:</b>			

<b>Prep Method:</b> 5035	<b>Prep Batch Date/Time:</b> 10/1/19 11:08:00AM
<b>Prep Batch ID:</b> 1117092	<b>Prep Analyst:</b> BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	SW8260B	1	1.3	11	ND		ug/Kg	10/01/19	17:28	BP	442822
Chloromethane	SW8260B	1	1.9	11	ND		ug/Kg	10/01/19	17:28	BP	442822
Vinyl Chloride	SW8260B	1	2.2	11	ND		ug/Kg	10/01/19	17:28	BP	442822
Bromomethane	SW8260B	1	2.8	11	ND		ug/Kg	10/01/19	17:28	BP	442822
Chloroethane	SW8260B	1	3.2	11	ND		ug/Kg	10/01/19	17:28	BP	442822
Trichlorofluoromethane	SW8260B	1	2.2	11	ND		ug/Kg	10/01/19	17:28	BP	442822
1,1-Dichloroethene	SW8260B	1	2.1	11	ND		ug/Kg	10/01/19	17:28	BP	442822
Freon 113	SW8260B	1	2.0	11	ND		ug/Kg	10/01/19	17:28	BP	442822
Methylene Chloride	SW8260B	1	7.5	11	ND		ug/Kg	10/01/19	17:28	BP	442822
trans-1,2-Dichloroethene	SW8260B	1	2.2	11	ND		ug/Kg	10/01/19	17:28	BP	442822
MTBE	SW8260B	1	2.5	11	ND		ug/Kg	10/01/19	17:28	BP	442822
TBA	SW8260B	1	12	53	ND		ug/Kg	10/01/19	17:28	BP	442822
Diisopropyl ether	SW8260B	1	2.4	11	ND		ug/Kg	10/01/19	17:28	BP	442822
1,1-Dichloroethane	SW8260B	1	2.3	11	ND		ug/Kg	10/01/19	17:28	BP	442822
Ethyl tert-Butyl ether	SW8260B	1	2.4	11	ND		ug/Kg	10/01/19	17:28	BP	442822
cis-1,2-Dichloroethene	SW8260B	1	2.3	11	ND		ug/Kg	10/01/19	17:28	BP	442822
2,2-Dichloropropane	SW8260B	1	2.0	11	ND		ug/Kg	10/01/19	17:28	BP	442822
Bromochloromethane	SW8260B	1	2.5	11	ND		ug/Kg	10/01/19	17:28	BP	442822
Chloroform	SW8260B	1	2.5	11	ND		ug/Kg	10/01/19	17:28	BP	442822
Carbon Tetrachloride	SW8260B	1	2.2	11	ND		ug/Kg	10/01/19	17:28	BP	442822
1,1,1-Trichloroethane	SW8260B	1	2.2	11	ND		ug/Kg	10/01/19	17:28	BP	442822
1,1-Dichloropropene	SW8260B	1	2.1	11	ND		ug/Kg	10/01/19	17:28	BP	442822
Benzene	SW8260B	1	2.3	11	ND		ug/Kg	10/01/19	17:28	BP	442822
TAME	SW8260B	1	2.4	11	ND		ug/Kg	10/01/19	17:28	BP	442822
1,2-Dichloroethane	SW8260B	1	2.4	11	ND		ug/Kg	10/01/19	17:28	BP	442822
Trichloroethylene	SW8260B	1	1.9	11	ND		ug/Kg	10/01/19	17:28	BP	442822
Dibromomethane	SW8260B	1	1.9	11	ND		ug/Kg	10/01/19	17:28	BP	442822
1,2-Dichloropropane	SW8260B	1	2.0	11	ND		ug/Kg	10/01/19	17:28	BP	442822
Bromodichloromethane	SW8260B	1	2.1	11	ND		ug/Kg	10/01/19	17:28	BP	442822
cis-1,3-Dichloropropene	SW8260B	1	1.7	11	ND		ug/Kg	10/01/19	17:28	BP	442822
Toluene	SW8260B	1	1.9	11	ND		ug/Kg	10/01/19	17:28	BP	442822
Tetrachloroethylene	SW8260B	1	1.7	11	ND		ug/Kg	10/01/19	17:28	BP	442822
trans-1,3-Dichloropropene	SW8260B	1	1.7	11	ND		ug/Kg	10/01/19	17:28	BP	442822
1,1,2-Trichloroethane	SW8260B	1	1.9	11	ND		ug/Kg	10/01/19	17:28	BP	442822
Dibromochloromethane	SW8260B	1	2.0	11	ND		ug/Kg	10/01/19	17:28	BP	442822



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/30/19, 12:25 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-3(24-24.5)	<b>Lab Sample ID:</b>	1909260-013B
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/29/19 / 12:01		
<b>SDG:</b>			

<b>Prep Method:</b> 5035	<b>Prep Batch Date/Time:</b> 10/1/19 11:08:00AM
<b>Prep Batch ID:</b> 1117092	<b>Prep Analyst:</b> BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
1,3-Dichloropropane	SW8260B	1	1.9	11	ND		ug/Kg	10/01/19	17:28	BP	442822
1,2-Dibromoethane	SW8260B	1	1.9	11	ND		ug/Kg	10/01/19	17:28	BP	442822
Chlorobenzene	SW8260B	1	1.9	11	ND		ug/Kg	10/01/19	17:28	BP	442822
Ethylbenzene	SW8260B	1	1.7	11	ND		ug/Kg	10/01/19	17:28	BP	442822
1,1,1,2-Tetrachloroethane	SW8260B	1	2.0	11	ND		ug/Kg	10/01/19	17:28	BP	442822
m,p-Xylene	SW8260B	1	3.3	11	ND		ug/Kg	10/01/19	17:28	BP	442822
o-Xylene	SW8260B	1	1.8	11	ND		ug/Kg	10/01/19	17:28	BP	442822
Styrene	SW8260B	1	1.7	11	ND		ug/Kg	10/01/19	17:28	BP	442822
Bromoform	SW8260B	1	1.8	11	ND		ug/Kg	10/01/19	17:28	BP	442822
Isopropyl Benzene	SW8260B	1	1.7	11	ND		ug/Kg	10/01/19	17:28	BP	442822
n-Propylbenzene	SW8260B	1	1.6	11	ND		ug/Kg	10/01/19	17:28	BP	442822
Bromobenzene	SW8260B	1	1.8	11	ND		ug/Kg	10/01/19	17:28	BP	442822
1,1,2,2-Tetrachloroethane	SW8260B	1	2.0	11	ND		ug/Kg	10/01/19	17:28	BP	442822
2-Chlorotoluene	SW8260B	1	1.9	11	ND		ug/Kg	10/01/19	17:28	BP	442822
1,3,5-Trimethylbenzene	SW8260B	1	1.7	11	ND		ug/Kg	10/01/19	17:28	BP	442822
1,2,3-Trichloropropane	SW8260B	1	2.0	11	ND		ug/Kg	10/01/19	17:28	BP	442822
4-Chlorotoluene	SW8260B	1	1.7	11	ND		ug/Kg	10/01/19	17:28	BP	442822
tert-Butylbenzene	SW8260B	1	1.7	11	ND		ug/Kg	10/01/19	17:28	BP	442822
1,2,4-Trimethylbenzene	SW8260B	1	1.4	11	ND		ug/Kg	10/01/19	17:28	BP	442822
sec-Butyl Benzene	SW8260B	1	1.6	11	ND		ug/Kg	10/01/19	17:28	BP	442822
p-Isopropyltoluene	SW8260B	1	1.5	11	ND		ug/Kg	10/01/19	17:28	BP	442822
1,3-Dichlorobenzene	SW8260B	1	1.8	11	ND		ug/Kg	10/01/19	17:28	BP	442822
1,4-Dichlorobenzene	SW8260B	1	1.8	11	ND		ug/Kg	10/01/19	17:28	BP	442822
n-Butylbenzene	SW8260B	1	1.5	11	ND		ug/Kg	10/01/19	17:28	BP	442822
1,2-Dichlorobenzene	SW8260B	1	1.9	11	ND		ug/Kg	10/01/19	17:28	BP	442822
1,2-Dibromo-3-Chloropropane	SW8260B	1	1.9	11	ND		ug/Kg	10/01/19	17:28	BP	442822
Hexachlorobutadiene	SW8260B	1	1.4	11	ND		ug/Kg	10/01/19	17:28	BP	442822
1,2,4-Trichlorobenzene	SW8260B	1	1.6	11	ND		ug/Kg	10/01/19	17:28	BP	442822
Naphthalene	SW8260B	1	1.8	11	ND		ug/Kg	10/01/19	17:28	BP	442822
1,2,3-Trichlorobenzene	SW8260B	1	1.8	11	ND		ug/Kg	10/01/19	17:28	BP	442822
2-Butanone	SW8260B	1	2.4	11	ND		ug/Kg	10/01/19	17:28	BP	442822
(S) Dibromofluoromethane	SW8260B		59.8 - 148		<b>132</b>		%	10/01/19	17:28	BP	442822
(S) Toluene-d8	SW8260B		55.2 - 133		<b>120</b>		%	10/01/19	17:28	BP	442822
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		<b>106</b>		%	10/01/19	17:28	BP	442822



### SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/30/19, 12:25 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-3(24-24.5)	<b>Lab Sample ID:</b>	1909260-013B
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/29/19 / 12:01		
<b>SDG:</b>			

<b>Prep Method:</b> 5035GRO	<b>Prep Batch Date/Time:</b> 10/1/19	11:08:00AM
<b>Prep Batch ID:</b> 1117093	<b>Prep Analyst:</b> BPATEL	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH(Gasoline)	8260TPH	1	45	110	ND		ug/Kg	10/01/19	17:28	bp	442822
(S) 4-Bromofluorobenzene	8260TPH		43.9 - 127		<b>68.9</b>		%	10/01/19	17:28	bp	442822



### SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/30/19, 12:25 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-3(39-39.5)	<b>Lab Sample ID:</b>	1909260-014A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/29/19 / 12:22		
<b>SDG:</b>			

<b>Prep Method:</b> 7471BP	<b>Prep Batch Date/Time:</b> 10/1/19	6:00:00PM
<b>Prep Batch ID:</b> 1117066	<b>Prep Analyst:</b> IRNAZ	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Mercury	SW7471B	1	0.10	0.62	ND		mg/Kg	10/02/19	12:46	BJAY	442813



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/30/19, 12:25 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-3(39-39.5)	<b>Lab Sample ID:</b>	1909260-014A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/29/19 / 12:22		
<b>SDG:</b>			

<b>Prep Method:</b> 3050B	<b>Prep Batch Date/Time:</b> 10/1/19	5:50:00PM
<b>Prep Batch ID:</b> 1117065	<b>Prep Analyst:</b> IRNAZ	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Antimony	SW6010B	1	0.062	6.20	ND		mg/Kg	10/02/19	13:40	PPATEL	442820
Arsenic	SW6010B	1	0.19	1.61	<b>4.66</b>		mg/Kg	10/02/19	13:40	PPATEL	442820
Barium	SW6010B	1	0.068	6.20	<b>92.4</b>		mg/Kg	10/02/19	13:40	PPATEL	442820
Beryllium	SW6010B	1	0.068	6.20	ND		mg/Kg	10/02/19	13:40	PPATEL	442820
Cadmium	SW6010B	1	0.12	6.20	ND		mg/Kg	10/02/19	13:40	PPATEL	442820
Chromium	SW6010B	1	0.093	6.20	<b>51.1</b>		mg/Kg	10/02/19	13:40	PPATEL	442820
Cobalt	SW6010B	1	0.087	6.20	<b>14.3</b>		mg/Kg	10/02/19	13:40	PPATEL	442820
Copper	SW6010B	1	0.25	6.20	<b>29.1</b>		mg/Kg	10/02/19	13:40	PPATEL	442820
Lead	SW6010B	1	0.12	3.72	<b>8.31</b>		mg/Kg	10/02/19	13:40	PPATEL	442820
Molybdenum	SW6010B	1	0.062	6.20	ND		mg/Kg	10/02/19	13:40	PPATEL	442820
Nickel	SW6010B	1	0.62	6.20	<b>78.7</b>		mg/Kg	10/02/19	13:40	PPATEL	442820
Selenium	SW6010B	1	0.27	6.20	ND		mg/Kg	10/02/19	13:40	PPATEL	442820
Silver	SW6010B	1	0.19	6.20	ND		mg/Kg	10/02/19	13:40	PPATEL	442820
Thallium	SW6010B	1	0.68	6.20	ND		mg/Kg	10/02/19	13:40	PPATEL	442820
Vanadium	SW6010B	1	0.12	6.20	<b>45.0</b>		mg/Kg	10/02/19	13:40	PPATEL	442820
Zinc	SW6010B	1	0.37	6.20	<b>67.0</b>		mg/Kg	10/02/19	13:40	PPATEL	442820



### SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/30/19, 12:25 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-3(39-39.5)	<b>Lab Sample ID:</b>	1909260-014A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/29/19 / 12:22		
<b>SDG:</b>			

<b>Prep Method:</b> WET/3010B	<b>Prep Batch Date/Time:</b> 10/16/19	1:30:00PM
<b>Prep Batch ID:</b> 1117446	<b>Prep Analyst:</b> IRNAZ	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Chromium (STLC)	SW6010B	1	0.010	0.20	ND		mg/L	10/16/19	18:43	PPATEL	443175



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/30/19, 12:25 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-3(39-39.5)	<b>Lab Sample ID:</b>	1909260-014A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/29/19 / 12:22		
<b>SDG:</b>			

<b>Prep Method:</b> % Water-P	<b>Prep Batch Date/Time:</b> 10/4/19	6:50:00PM
<b>Prep Batch ID:</b> 1117183	<b>Prep Analyst:</b> BJAY	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Moisture, Percent	ASTM D2216-90	1	0.050	0.050	24.4		%	10/05/19	12:50	BJAY	442909
Dry Weight Factor	ASTM D2216-90	1	1	1	1.24		-	10/05/19	12:50	BJAY	442909





## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/30/19, 12:25 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-3(39-39.5)	<b>Lab Sample ID:</b>	1909260-014A
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/29/19 / 12:22		
<b>SDG:</b>			

<b>Prep Method:</b> 3546_TPH	<b>Prep Batch Date/Time:</b> 10/2/19	10:33:00AM
<b>Prep Batch ID:</b> 1117074	<b>Prep Analyst:</b> MSAT	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel	SW8015B	1	1.1	2.5	ND		mg/Kg	10/02/19	20:37	MK	442815
TPH as Motor Oil	SW8015B	1	3.9	12	ND		mg/Kg	10/02/19	20:37	MK	442815
			Acceptance Limits								
Pentacosane (S)	SW8015B		59 - 129		<b>80.7</b>		%	10/02/19	20:37	MK	442815



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/30/19, 12:25 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-3(39-39.5)	<b>Lab Sample ID:</b>	1909260-014B
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/29/19 / 12:22		
<b>SDG:</b>			

<b>Prep Method:</b> 5035	<b>Prep Batch Date/Time:</b> 10/1/19 11:08:00AM
<b>Prep Batch ID:</b> 1117092	<b>Prep Analyst:</b> BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	SW8260B	1	1.3	10	ND		ug/Kg	10/01/19	17:57	BP	442822
Chloromethane	SW8260B	1	1.9	10	ND		ug/Kg	10/01/19	17:57	BP	442822
Vinyl Chloride	SW8260B	1	2.1	10	ND		ug/Kg	10/01/19	17:57	BP	442822
Bromomethane	SW8260B	1	2.8	10	ND		ug/Kg	10/01/19	17:57	BP	442822
Chloroethane	SW8260B	1	3.1	10	ND		ug/Kg	10/01/19	17:57	BP	442822
Trichlorofluoromethane	SW8260B	1	2.1	10	ND		ug/Kg	10/01/19	17:57	BP	442822
1,1-Dichloroethene	SW8260B	1	2.1	10	ND		ug/Kg	10/01/19	17:57	BP	442822
Freon 113	SW8260B	1	1.9	10	ND		ug/Kg	10/01/19	17:57	BP	442822
Methylene Chloride	SW8260B	1	7.3	10	ND		ug/Kg	10/01/19	17:57	BP	442822
trans-1,2-Dichloroethene	SW8260B	1	2.2	10	ND		ug/Kg	10/01/19	17:57	BP	442822
MTBE	SW8260B	1	2.4	10	ND		ug/Kg	10/01/19	17:57	BP	442822
TBA	SW8260B	1	12	52	ND		ug/Kg	10/01/19	17:57	BP	442822
Diisopropyl ether	SW8260B	1	2.4	10	ND		ug/Kg	10/01/19	17:57	BP	442822
1,1-Dichloroethane	SW8260B	1	2.3	10	ND		ug/Kg	10/01/19	17:57	BP	442822
Ethyl tert-Butyl ether	SW8260B	1	2.4	10	ND		ug/Kg	10/01/19	17:57	BP	442822
cis-1,2-Dichloroethene	SW8260B	1	2.3	10	ND		ug/Kg	10/01/19	17:57	BP	442822
2,2-Dichloropropane	SW8260B	1	2.0	10	ND		ug/Kg	10/01/19	17:57	BP	442822
Bromochloromethane	SW8260B	1	2.4	10	ND		ug/Kg	10/01/19	17:57	BP	442822
Chloroform	SW8260B	1	2.4	10	ND		ug/Kg	10/01/19	17:57	BP	442822
Carbon Tetrachloride	SW8260B	1	2.1	10	ND		ug/Kg	10/01/19	17:57	BP	442822
1,1,1-Trichloroethane	SW8260B	1	2.2	10	ND		ug/Kg	10/01/19	17:57	BP	442822
1,1-Dichloropropene	SW8260B	1	2.0	10	ND		ug/Kg	10/01/19	17:57	BP	442822
Benzene	SW8260B	1	2.3	10	ND		ug/Kg	10/01/19	17:57	BP	442822
TAME	SW8260B	1	2.3	10	ND		ug/Kg	10/01/19	17:57	BP	442822
1,2-Dichloroethane	SW8260B	1	2.4	10	ND		ug/Kg	10/01/19	17:57	BP	442822
Trichloroethylene	SW8260B	1	1.9	10	ND		ug/Kg	10/01/19	17:57	BP	442822
Dibromomethane	SW8260B	1	1.9	10	ND		ug/Kg	10/01/19	17:57	BP	442822
1,2-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	10/01/19	17:57	BP	442822
Bromodichloromethane	SW8260B	1	2.0	10	ND		ug/Kg	10/01/19	17:57	BP	442822
cis-1,3-Dichloropropene	SW8260B	1	1.6	10	ND		ug/Kg	10/01/19	17:57	BP	442822
Toluene	SW8260B	1	1.9	10	ND		ug/Kg	10/01/19	17:57	BP	442822
Tetrachloroethylene	SW8260B	1	1.7	10	ND		ug/Kg	10/01/19	17:57	BP	442822
trans-1,3-Dichloropropene	SW8260B	1	1.7	10	ND		ug/Kg	10/01/19	17:57	BP	442822
1,1,2-Trichloroethane	SW8260B	1	1.9	10	ND		ug/Kg	10/01/19	17:57	BP	442822
Dibromochloromethane	SW8260B	1	1.9	10	ND		ug/Kg	10/01/19	17:57	BP	442822



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/30/19, 12:25 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-3(39-39.5)	<b>Lab Sample ID:</b>	1909260-014B
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/29/19 / 12:22		
<b>SDG:</b>			

<b>Prep Method:</b> 5035	<b>Prep Batch Date/Time:</b> 10/1/19 11:08:00AM
<b>Prep Batch ID:</b> 1117092	<b>Prep Analyst:</b> BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
1,3-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	10/01/19	17:57	BP	442822
1,2-Dibromoethane	SW8260B	1	1.9	10	ND		ug/Kg	10/01/19	17:57	BP	442822
Chlorobenzene	SW8260B	1	1.9	10	ND		ug/Kg	10/01/19	17:57	BP	442822
Ethylbenzene	SW8260B	1	1.7	10	ND		ug/Kg	10/01/19	17:57	BP	442822
1,1,1,2-Tetrachloroethane	SW8260B	1	2.0	10	ND		ug/Kg	10/01/19	17:57	BP	442822
m,p-Xylene	SW8260B	1	3.3	10	ND		ug/Kg	10/01/19	17:57	BP	442822
o-Xylene	SW8260B	1	1.8	10	ND		ug/Kg	10/01/19	17:57	BP	442822
Styrene	SW8260B	1	1.7	10	ND		ug/Kg	10/01/19	17:57	BP	442822
Bromoform	SW8260B	1	1.7	10	ND		ug/Kg	10/01/19	17:57	BP	442822
Isopropyl Benzene	SW8260B	1	1.7	10	ND		ug/Kg	10/01/19	17:57	BP	442822
n-Propylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	10/01/19	17:57	BP	442822
Bromobenzene	SW8260B	1	1.8	10	ND		ug/Kg	10/01/19	17:57	BP	442822
1,1,2,2-Tetrachloroethane	SW8260B	1	2.0	10	ND		ug/Kg	10/01/19	17:57	BP	442822
2-Chlorotoluene	SW8260B	1	1.8	10	ND		ug/Kg	10/01/19	17:57	BP	442822
1,3,5-Trimethylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	10/01/19	17:57	BP	442822
1,2,3-Trichloropropane	SW8260B	1	2.0	10	ND		ug/Kg	10/01/19	17:57	BP	442822
4-Chlorotoluene	SW8260B	1	1.7	10	ND		ug/Kg	10/01/19	17:57	BP	442822
tert-Butylbenzene	SW8260B	1	1.7	10	ND		ug/Kg	10/01/19	17:57	BP	442822
1,2,4-Trimethylbenzene	SW8260B	1	1.4	10	ND		ug/Kg	10/01/19	17:57	BP	442822
sec-Butyl Benzene	SW8260B	1	1.6	10	ND		ug/Kg	10/01/19	17:57	BP	442822
p-Isopropyltoluene	SW8260B	1	1.5	10	ND		ug/Kg	10/01/19	17:57	BP	442822
1,3-Dichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	10/01/19	17:57	BP	442822
1,4-Dichlorobenzene	SW8260B	1	1.8	10	ND		ug/Kg	10/01/19	17:57	BP	442822
n-Butylbenzene	SW8260B	1	1.5	10	ND		ug/Kg	10/01/19	17:57	BP	442822
1,2-Dichlorobenzene	SW8260B	1	1.8	10	ND		ug/Kg	10/01/19	17:57	BP	442822
1,2-Dibromo-3-Chloropropane	SW8260B	1	1.9	10	ND		ug/Kg	10/01/19	17:57	BP	442822
Hexachlorobutadiene	SW8260B	1	1.4	10	ND		ug/Kg	10/01/19	17:57	BP	442822
1,2,4-Trichlorobenzene	SW8260B	1	1.5	10	ND		ug/Kg	10/01/19	17:57	BP	442822
Naphthalene	SW8260B	1	1.7	10	ND		ug/Kg	10/01/19	17:57	BP	442822
1,2,3-Trichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	10/01/19	17:57	BP	442822
2-Butanone	SW8260B	1	2.4	10	ND		ug/Kg	10/01/19	17:57	BP	442822
(S) Dibromofluoromethane	SW8260B		59.8 - 148		<b>134</b>		%	10/01/19	17:57	BP	442822
(S) Toluene-d8	SW8260B		55.2 - 133		<b>112</b>		%	10/01/19	17:57	BP	442822
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		<b>105</b>		%	10/01/19	17:57	BP	442822



## SAMPLE RESULTS

**Report prepared for:** Ron Helm  
Cornerstone Earth Group

**Date/Time Received:** 09/30/19, 12:25 pm  
**Date Reported:** 10/18/19

<b>Client Sample ID:</b>	EB-3(39-39.5)	<b>Lab Sample ID:</b>	1909260-014B
<b>Project Name/Location:</b>	95 S. Almaden Soil Profiling	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	510-29-2		
<b>Date/Time Sampled:</b>	09/29/19 / 12:22		
<b>SDG:</b>			

<b>Prep Method:</b> 5035GRO	<b>Prep Batch Date/Time:</b> 10/1/19	11:08:00AM
<b>Prep Batch ID:</b> 1117093	<b>Prep Analyst:</b> BPATEL	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH(Gasoline)	8260TPH	1	45	100	ND		ug/Kg	10/01/19	17:57	bp	442822
(S) 4-Bromofluorobenzene	8260TPH		43.9 - 127		<b>76.0</b>		%	10/01/19	17:57	bp	442822



## MB Summary Report

<b>Work Order:</b>	1909260	<b>Prep Method:</b>	3546_BNA	<b>Prep Date:</b>	10/01/19	<b>Prep Batch:</b>	1117038
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	SW8270C	<b>Analyzed Date:</b>	10/1/2019	<b>Analytical Batch:</b>	442802
<b>Units:</b>	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
N-Nitrosodimethylamine	46.9	720	ND		
Phenol	43.8	288	ND		
Bis(2-chloroethyl)ether	13.3	144	ND		
2-Chlorophenol	47.7	288	ND		
1,3-Dichlorobenzene	13.1	144	ND		
1,4-Dichlorobenzene	14.6	144	ND		
Benzyl Alcohol	20.5	288	ND		
1,2-Dichlorobenzene	13.5	144	ND		
2-Methylphenol (o-Cresol)	29.3	288	ND		
N-Methyl-2-Pyrrolidone (NMP)	68.0	720	ND		
3-/4-Methylphenol (p-/m-Cresol)	31.3	288	ND		
N-nitroso-di-n-propylamine	13.2	144	ND		
Hexachloroethane	17.1	144	ND		
Nitrobenzene	12.8	144	ND		
Isophorone	12.2	144	ND		
2-Nitrophenol	25.4	288	ND		
2,4-Dimethylphenol	22.8	288	ND		
Benzoic Acid	41.7	288	ND		
Bis(2-Chloroethoxy)methane	9.79	144	ND		
Bis(2-chloroisopropyl)ether	12.6	144	ND		
2,4-Dichlorophenol	39.3	288	ND		
1,2,4-Trichlorobenzene	11.8	144	ND		
Naphthalene	10.6	144	ND		
2,6-Dichlorophenol	35.8	288	ND		
Hexachloro-1,3-butadiene	8.34	144	ND		
4-Chloro-3-methylphenol	33.8	288	ND		
2-Methylnaphthalene	10.4	144	ND		
1-Methylnaphthalene	12.2	144	ND		
Hexachlorocyclopentadiene	12.9	144	ND		
2,4,6-Trichlorophenol	35.9	288	ND		
2,4,5-Trichlorophenol	33.4	288	ND		
2-Chloronaphthalene	10.6	144	ND		
1,4-Dinitrobenzene	10.3	144	ND		
Dimethyl phthalate	14.2	720	ND		
1,3-Dinitrobenzene	10.4	144	ND		
Acenaphthylene	8.28	144	ND		
2,6-Dinitrotoluene	11.3	144	ND		
1,2-Dinitrobenzene	15.8	144	ND		
Acenaphthene	10.7	144	ND		
2,4-Dinitrophenol	77.6	720	ND		
4-Nitrophenol	54.7	720	ND		



## MB Summary Report

<b>Work Order:</b>	1909260	<b>Prep Method:</b>	3546_BNA	<b>Prep Date:</b>	10/01/19	<b>Prep Batch:</b>	1117038
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	SW8270C	<b>Analyzed Date:</b>	10/1/2019	<b>Analytical Batch:</b>	442802
<b>Units:</b>	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Dibenzofuran	11.2	144	ND	
2,4-Dinitrotoluene	12.1	144	ND	
2,3,5,6-Tetrachlorophenol	27.6	288	ND	
2,3,4,6-Tetrachlorophenol	31.5	288	ND	
Diethylphthalate	13.6	720	ND	
Fluorene	10.3	144	ND	
4-Chlorophenyl-phenylether	9.32	144	ND	
4,6-Dinitro-2-methylphenol	13.4	288	ND	
Diphenylamine	13.0	144	ND	
Azobenzene	114	144	ND	
4-Bromophenyl-phenylether	8.23	144	ND	
Hexachlorobenzene	8.66	144	ND	
Pentachlorophenol	25.0	288	ND	
Phenanthrene	9.32	144	ND	
Anthracene	8.91	144	ND	
Carbazole	10.7	144	ND	
Di-n-butylphthalate	13.5	144	ND	
Fluoranthene	10.0	144	ND	
Benzidine	147	144	ND	
Pyrene	12.0	144	ND	
Butylbenzylphthalate	21.0	720	ND	
Benzo(a)anthracene	9.80	144	ND	
3,3-Dichlorobenzidine	118	144	ND	
Chrysene	15.2	144	ND	
Bis(2-Ethylhexyl)phthalate	15.3	720	ND	
Di-n-Octylphthalate	12.3	144	ND	
Benzo(b)fluorathene	12.0	144	ND	
benzo(k)fluorathene	8.16	144	ND	
Benzo(a)pyrene	9.80	144	ND	
Indeno(1,2,3-c,d)pyrene	13.8	144	ND	
Dibenzo(a,h)anthracene	12.7	144	ND	
Benzo(g,h,i)perylene	12.7	144	ND	
Pyridine	43.8	720	ND	
2-Fluorophenol (S)			89.4	
Phenol-d6 (S)			90.8	
2,4,6-Tribromophenol (S)			83.9	
2-Fluorobiphenyl (S)			89.2	
Nitrobenzene-d5 (S)			86.4	
Terphenyl-d14 (S)			101	



### MB Summary Report

<b>Work Order:</b>	1909260	<b>Prep Method:</b>	3546_PAHSIM	<b>Prep Date:</b>	10/01/19	<b>Prep Batch:</b>	1117039
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	SW8270C	<b>Analyzed Date:</b>	10/1/2019	<b>Analytical Batch:</b>	442817
<b>Units:</b>	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Naphthalene	0.51	1.8	ND	
2-Methylnaphthalene	0.22	1.8	0.418	
1-Methylnaphthalene	0.18	1.8	0.344	
Acenaphthylene	0.19	1.8	0.589	
Acenaphthene	0.16	1.8	0.500	
Fluorene	0.27	1.8	0.469	
Phenanthrene	0.59	1.8	0.753	
Anthracene	0.53	1.8	0.644	
Fluoranthene	0.53	1.8	0.698	
Pyrene	0.55	1.8	0.649	
Benz[a]anthracene	0.46	1.8	1.37	
Chrysene	0.49	1.8	0.715	
Benzo[b]fluoranthene	0.24	1.8	0.647	
Benzo[k]fluoranthene	0.23	1.8	0.765	
Benzo[a]pyrene	0.28	1.8	0.631	
Indeno[1,2,3-cd]pyrene	0.22	1.8	0.773	
Dibenz[a,h]anthracene	0.27	1.8	0.768	
Benzo[g,h,i]perylene	0.27	1.8	0.845	
2-Fluorobiphenyl (S)			90.4	
p-Terphenyl-d14 (S)			98.0	



### MB Summary Report

<b>Work Order:</b>	1909260	<b>Prep Method:</b>	3546_OCP	<b>Prep Date:</b>	10/01/19	<b>Prep Batch:</b>	1117044
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	SW8081B	<b>Analyzed Date:</b>	10/1/2019	<b>Analytical Batch:</b>	442844
<b>Units:</b>	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
alpha-BHC	0.13	2.0	ND	
gamma-BHC (Lindane)	0.16	2.0	ND	
beta-BHC	0.32	2.0	ND	
delta-BHC	0.16	2.0	ND	
Heptachlor	0.11	2.0	ND	
Aldrin	0.20	2.0	ND	
Heptachlor Epoxide	0.078	2.0	ND	
gamma-Chlordane	0.16	2.0	ND	
alpha-Chlordane	0.17	2.0	ND	
4,4'-DDE	0.19	2.0	ND	
Endosulfan I	0.18	2.0	ND	
Dieldrin	0.15	2.0	ND	
Endrin	0.19	2.0	ND	
4,4'-DDD	0.57	2.0	ND	
Endosulfan II	0.58	2.0	ND	
4,4'-DDT	0.13	2.0	ND	
Endrin Aldehyde	0.15	2.0	ND	
Methoxychlor	0.20	2.0	ND	
Endosulfan Sulfate	0.12	2.0	ND	
Endrin Ketone	0.094	2.0	ND	
Chlordane	2.1	20	ND	
Toxaphene	8.5	50	ND	
TCMX (S)			96.3	
DCBP (S)			103	





### MB Summary Report

<b>Work Order:</b>	1909260	<b>Prep Method:</b>	3546_PCB	<b>Prep Date:</b>	10/01/19	<b>Prep Batch:</b>	1117046
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	SW8082A	<b>Analyzed Date:</b>	10/1/2019	<b>Analytical Batch:</b>	442798
<b>Units:</b>	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Aroclor1016	53	100	ND	
Aroclor1221	5.0	100	ND	
Aroclor1232	17	100	ND	
Aroclor1242	3.0	100	ND	
Aroclor1248	2.0	100	ND	
Aroclor1254	2.0	100	ND	
Aroclor1260	36	100	ND	
TCMX (S)			104	
DCBP (S)			102	

<b>Work Order:</b>	1909260	<b>Prep Method:</b>	3050B	<b>Prep Date:</b>	10/01/19	<b>Prep Batch:</b>	1117065
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	SW6010B	<b>Analyzed Date:</b>	10/2/2019	<b>Analytical Batch:</b>	442820
<b>Units:</b>	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Antimony	0.050	5.00	ND	
Arsenic	0.15	1.30	ND	
Barium	0.055	5.00	ND	
Beryllium	0.055	5.00	ND	
Cadmium	0.10	5.00	ND	
Chromium	0.075	5.00	0.088	
Cobalt	0.070	5.00	ND	
Copper	0.20	5.00	ND	
Lead	0.10	1.30	0.10	
Molybdenum	0.050	5.00	ND	
Nickel	0.50	5.00	ND	
Selenium	0.22	5.00	ND	
Silver	0.15	5.00	ND	
Thallium	0.55	5.00	ND	
Vanadium	0.10	5.00	ND	
Zinc	0.30	5.00	ND	



### MB Summary Report

<b>Work Order:</b>	1909260	<b>Prep Method:</b>	7471BP	<b>Prep Date:</b>	10/01/19	<b>Prep Batch:</b>	1117066
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	SW7471B	<b>Analyzed Date:</b>	10/2/2019	<b>Analytical Batch:</b>	442813
<b>Units:</b>	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
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Mercury 0.083 0.50 ND

<b>Work Order:</b>	1909260	<b>Prep Method:</b>	3546_TPH	<b>Prep Date:</b>	10/02/19	<b>Prep Batch:</b>	1117074
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	SW8015B	<b>Analyzed Date:</b>	10/2/2019	<b>Analytical Batch:</b>	442815
<b>Units:</b>	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
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TPH as Diesel 0.85 2.0 ND  
 TPH as Motor Oil 3.2 10 ND  
 Pentacosane (S) 97.8



## MB Summary Report

<b>Work Order:</b>	1909260	<b>Prep Method:</b>	5035	<b>Prep Date:</b>	09/30/19	<b>Prep Batch:</b>	1117075
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	SW8260B	<b>Analyzed Date:</b>	9/30/2019	<b>Analytical Batch:</b>	442800
<b>Units:</b>	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Dichlorodifluoromethane	1.2	10	ND	
Chloromethane	1.8	10	ND	
Vinyl Chloride	2.0	10	ND	
Bromomethane	2.7	10	ND	
Chloroethane	3.0	10	ND	
Trichlorofluoromethane	2.1	10	ND	
1,1-Dichloroethene	2.0	10	ND	
Freon 113	1.9	10	ND	
Methylene Chloride	7.1	10	ND	
trans-1,2-Dichloroethene	2.1	10	ND	
MTBE	2.3	10	ND	
TBA	12	50	ND	
Diisopropyl ether	2.3	10	ND	
1,1-Dichloroethane	2.2	10	ND	
Ethyl tert-Butyl ether	2.3	10	ND	
cis-1,2-Dichloroethene	2.2	10	ND	
2,2-Dichloropropane	1.9	10	ND	
Bromochloromethane	2.3	10	ND	
Chloroform	2.4	10	ND	
Carbon Tetrachloride	2.1	10	ND	
1,1,1-Trichloroethane	2.1	10	ND	
1,1-Dichloropropene	2.0	10	ND	
Benzene	2.2	10	ND	
TAME	2.3	10	ND	
1,2-Dichloroethane	2.3	10	ND	
Trichloroethylene	1.8	10	ND	
Dibromomethane	1.8	10	ND	
1,2-Dichloropropane	1.9	10	ND	
Bromodichloromethane	2.0	10	ND	
cis-1,3-Dichloropropene	1.6	10	ND	
Toluene	1.8	10	ND	
Tetrachloroethylene	1.7	10	ND	
trans-1,3-Dichloropropene	1.6	10	ND	
1,1,2-Trichloroethane	1.8	10	ND	
Dibromochloromethane	1.9	10	ND	
1,3-Dichloropropane	1.8	10	ND	
1,2-Dibromoethane	1.8	10	ND	
Chlorobenzene	1.8	10	ND	
Ethylbenzene	1.7	10	ND	
1,1,1,2-Tetrachloroethane	1.9	10	ND	
m,p-Xylene	3.2	10	ND	



## MB Summary Report

<b>Work Order:</b>	1909260	<b>Prep Method:</b>	5035	<b>Prep Date:</b>	09/30/19	<b>Prep Batch:</b>	1117075
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	SW8260B	<b>Analyzed Date:</b>	9/30/2019	<b>Analytical Batch:</b>	442800
<b>Units:</b>	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
o-Xylene	1.7	10	ND		
Styrene	1.6	10	ND		
Bromoform	1.7	10	ND		
Isopropyl Benzene	1.6	10	ND		
n-Propylbenzene	1.6	10	ND		
Bromobenzene	1.8	10	ND		
1,1,2,2-Tetrachloroethane	1.9	10	ND		
2-Chlorotoluene	1.8	10	ND		
1,3,5-Trimethylbenzene	1.6	10	ND		
1,2,3-Trichloropropane	1.9	10	ND		
4-Chlorotoluene	1.6	10	ND		
tert-Butylbenzene	1.6	10	ND		
1,2,4-Trimethylbenzene	1.4	10	ND		
sec-Butyl Benzene	1.6	10	ND		
p-Isopropyltoluene	1.5	10	ND		
1,3-Dichlorobenzene	1.7	10	ND		
1,4-Dichlorobenzene	1.7	10	ND		
n-Butylbenzene	1.5	10	ND		
1,2-Dichlorobenzene	1.8	10	ND		
1,2-Dibromo-3-Chloropropane	1.8	10	ND		
Hexachlorobutadiene	1.4	10	ND		
1,2,4-Trichlorobenzene	1.5	10	ND		
Naphthalene	1.7	10	6.2		
1,2,3-Trichlorobenzene	1.7	10	ND		
2-Butanone	2.3	10	ND		
4-Methyl-2-Pentanone	2.0	10	ND		
(S) Dibromofluoromethane			120		
(S) Toluene-d8			113		
(S) 4-Bromofluorobenzene			99.9		

<b>Work Order:</b>	1909260	<b>Prep Method:</b>	5035GRO	<b>Prep Date:</b>	09/30/19	<b>Prep Batch:</b>	1117076
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	SW8260B	<b>Analyzed Date:</b>	9/30/2019	<b>Analytical Batch:</b>	442800
<b>Units:</b>	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
TPH(Gasoline)	43	100	52		
(S) 4-Bromofluorobenzene			94.6		



## MB Summary Report

<b>Work Order:</b>	1909260	<b>Prep Method:</b>	5035	<b>Prep Date:</b>	10/01/19	<b>Prep Batch:</b>	1117092
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	SW8260B	<b>Analyzed Date:</b>	10/1/2019	<b>Analytical Batch:</b>	442822
<b>Units:</b>	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
Dichlorodifluoromethane	1.2	10	ND		
Chloromethane	1.8	10	ND		
Vinyl Chloride	2.0	10	ND		
Bromomethane	2.7	10	ND		
Chloroethane	3.0	10	ND		
Trichlorofluoromethane	2.1	10	ND		
1,1-Dichloroethene	2.0	10	ND		
Freon 113	1.9	10	ND		
Methylene Chloride	7.1	10	ND		
trans-1,2-Dichloroethene	2.1	10	ND		
MTBE	2.3	10	ND		
TBA	12	50	ND		
Diisopropyl ether	2.3	10	ND		
1,1-Dichloroethane	2.2	10	ND		
Ethyl tert-Butyl ether	2.3	10	ND		
cis-1,2-Dichloroethene	2.2	10	ND		
2,2-Dichloropropane	1.9	10	ND		
Bromochloromethane	2.3	10	ND		
Chloroform	2.4	10	ND		
Carbon Tetrachloride	2.1	10	ND		
1,1,1-Trichloroethane	2.1	10	ND		
1,1-Dichloropropene	2.0	10	ND		
Benzene	2.2	10	ND		
TAME	2.3	10	ND		
1,2-Dichloroethane	2.3	10	ND		
Trichloroethylene	1.8	10	ND		
Dibromomethane	1.8	10	ND		
1,2-Dichloropropane	1.9	10	ND		
Bromodichloromethane	2.0	10	ND		
cis-1,3-Dichloropropene	1.6	10	ND		
Toluene	1.8	10	ND		
Tetrachloroethylene	1.7	10	ND		
trans-1,3-Dichloropropene	1.6	10	ND		
1,1,2-Trichloroethane	1.8	10	ND		
Dibromochloromethane	1.9	10	ND		
1,3-Dichloropropane	1.8	10	ND		
1,2-Dibromoethane	1.8	10	ND		
Chlorobenzene	1.8	10	ND		
Ethylbenzene	1.7	10	ND		
1,1,1,2-Tetrachloroethane	1.9	10	ND		
m,p-Xylene	3.2	10	ND		



## MB Summary Report

<b>Work Order:</b>	1909260	<b>Prep Method:</b>	5035	<b>Prep Date:</b>	10/01/19	<b>Prep Batch:</b>	1117092
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	SW8260B	<b>Analyzed Date:</b>	10/1/2019	<b>Analytical Batch:</b>	442822
<b>Units:</b>	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
o-Xylene	1.7	10	ND		
Styrene	1.6	10	ND		
Bromoform	1.7	10	ND		
Isopropyl Benzene	1.6	10	ND		
n-Propylbenzene	1.6	10	ND		
Bromobenzene	1.8	10	ND		
1,1,2,2-Tetrachloroethane	1.9	10	ND		
2-Chlorotoluene	1.8	10	ND		
1,3,5-Trimethylbenzene	1.6	10	ND		
1,2,3-Trichloropropane	1.9	10	ND		
4-Chlorotoluene	1.6	10	ND		
tert-Butylbenzene	1.6	10	ND		
1,2,4-Trimethylbenzene	1.4	10	ND		
sec-Butyl Benzene	1.6	10	ND		
p-Isopropyltoluene	1.5	10	ND		
1,3-Dichlorobenzene	1.7	10	ND		
1,4-Dichlorobenzene	1.7	10	ND		
n-Butylbenzene	1.5	10	ND		
1,2-Dichlorobenzene	1.8	10	ND		
1,2-Dibromo-3-Chloropropane	1.8	10	ND		
Hexachlorobutadiene	1.4	10	ND		
1,2,4-Trichlorobenzene	1.5	10	ND		
Naphthalene	1.7	10	ND		
1,2,3-Trichlorobenzene	1.7	10	ND		
2-Butanone	2.3	10	ND		
4-Methyl-2-Pentanone	2.0	10	ND		
(S) Dibromofluoromethane			124		
(S) Toluene-d8			110		
(S) 4-Bromofluorobenzene			99.3		

<b>Work Order:</b>	1909260	<b>Prep Method:</b>	5035GRO	<b>Prep Date:</b>	10/01/19	<b>Prep Batch:</b>	1117093
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	SW8260B	<b>Analyzed Date:</b>	10/1/2019	<b>Analytical Batch:</b>	442822
<b>Units:</b>	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
TPH(Gasoline)	43	100	ND		
(S) 4-Bromofluorobenzene			87.6		



## MB Summary Report

<b>Work Order:</b>	1909260	<b>Prep Method:</b>	% Water-P	<b>Prep Date:</b>	10/04/19	<b>Prep Batch:</b>	1117183
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	ASTM D2216-90	<b>Analyzed Date:</b>	10/5/2019	<b>Analytical Batch:</b>	442909
<b>Units:</b>	%						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
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Moisture, Percent	0.050	0.050	ND
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<b>Work Order:</b>	1909260	<b>Prep Method:</b>	WET/3010B	<b>Prep Date:</b>	10/10/19	<b>Prep Batch:</b>	1117290
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	SW6010B	<b>Analyzed Date:</b>	10/10/2019	<b>Analytical Batch:</b>	443035
<b>Units:</b>	mg/L						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
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Chromium (STLC)	0.010	0.20	0.033
Lead (STLC)	0.050	0.20	0.054
Nickel (STLC)	0.010	0.20	ND

<b>Work Order:</b>	1909260	<b>Prep Method:</b>	WET/3010B	<b>Prep Date:</b>	10/16/19	<b>Prep Batch:</b>	1117446
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	SW6010B	<b>Analyzed Date:</b>	10/16/2019	<b>Analytical Batch:</b>	443175
<b>Units:</b>	mg/L						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
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Chromium (STLC)	0.010	0.20	0.030
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<b>Work Order:</b>	1909260	<b>Prep Method:</b>	1311/3010B	<b>Prep Date:</b>	10/24/19	<b>Prep Batch:</b>	1117656
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	SW6010B	<b>Analyzed Date:</b>	10/24/2019	<b>Analytical Batch:</b>	443377
<b>Units:</b>	mg/L						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
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Arsenic (TCLP)	0.40	0.20	ND
Barium (TCLP)	0.020	0.20	ND
Cadmium (TCLP)	0.040	0.20	ND
Chromium (TCLP)	0.010	0.20	ND
Lead (TCLP)	0.050	0.20	0.086
Selenium (TCLP)	0.090	0.20	ND
Silver (TCLP)	0.020	0.20	ND



## LCS/LCSD Summary Report

*Raw values are used in quality control assessment.*

<b>Work Order:</b>	1909260	<b>Prep Method:</b>	3546_BNA	<b>Prep Date:</b>	10/01/19	<b>Prep Batch:</b>	1117038
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	SW8270C	<b>Analyzed Date:</b>	10/1/2019	<b>Analytical Batch:</b>	442802
<b>Units:</b>	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Phenol	43.8	288	ND	1600	83.2	81.2	2.28	40 - 100	30	
2-Chlorophenol	47.7	288	ND	1600	82.2	79.6	3.86	45 - 105	30	
Bis(2-chloroethyl)ether	14.6	144	ND	800	81.5	77.9	4.55	35 - 105	30	
N-nitroso-di-n-propylamine	183	144	ND	1600	82.4	81.2	1.53	40 - 115	30	
1,2,4-Trichlorobenzene	164	144	ND	800	83.7	81.6	2.57	45 - 110	30	
4-Chloro-3-methylphenol	469	288	ND	1600	86.0	86.1	0.000	45 - 110	30	
Acenaphthene	148	144	ND	800	88.1	85.2	3.32	45 - 110	30	
4-Nitrophenol	760	720	ND	1600	89.7	86.9	2.84	15 - 140	30	
2,4-Dinitrotoluene	168	144	ND	800	94.6	92.4	2.27	50 - 115	30	
N-Methyl-2-Pyrrolidone (NMP)	129	144	ND	1600	87.0	85.2	2.18	25 - 120	30	
Pyrene	166	144		800	91.0	89.5	1.66	45 - 145	30	
2-Fluorophenol (S)				22200	91.3	88.1		25 - 121		
Phenol-d6 (S)				22200	92.2	91.4		24 - 113		
2,4,6-Tribromophenol (S)				22200	98.1	97.2		19 - 122		
2-Fluorobiphenyl (S)				11100	92.0	89.9		30 - 143		
Nitrobenzene-d5 (S)				11100	86.6	86.6		23 - 120		
Terphenyl-d14 (S)				11100	96.1	94.4		18 - 137		

<b>Work Order:</b>	1909260	<b>Prep Method:</b>	3546_PAHSIM	<b>Prep Date:</b>	10/01/19	<b>Prep Batch:</b>	1117039
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	SW8270C	<b>Analyzed Date:</b>	10/1/2019	<b>Analytical Batch:</b>	442817
<b>Units:</b>	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Acenaphthene	0.16	4.0	ND	200.0	72.7	79.5	9.21	45 - 125	30	
Pyrene	0.55	4.0	0.418	200.0	87.5	90.6	3.37	45 - 125	30	
2-Fluorobiphenyl (S)				2778	74.1	82.1		45 - 125		
p-Terphenyl-d14 (S)				2778	83.7	91.5		30 - 125		





## LCS/LCSD Summary Report

*Raw values are used in quality control assessment.*

<b>Work Order:</b>	1909260	<b>Prep Method:</b>	3546_OCP	<b>Prep Date:</b>	10/01/19	<b>Prep Batch:</b>	1117044
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	SW8081B	<b>Analyzed Date:</b>	10/1/2019	<b>Analytical Batch:</b>	442844
<b>Units:</b>	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
gamma-BHC (Lindane)	0.16	2.0	ND	40	92.0	92.6	0.542	25 - 135	30	
Heptachlor	0.11	2.0	ND	40	93.1	94.9	1.86	40 - 130	30	
Aldrin	0.20	2.0	ND	40	92.0	93.5	1.62	25 - 140	30	
Dieldrin	0.15	2.0	ND	40	89.6	91.3	1.94	60 - 130	30	
Endrin	0.19	2.0	ND	40	88.7	92.0	3.60	55 - 135	30	
4,4'-DDT	0.13	2.0	ND	40	93.9	95.2	1.59	45 - 140	30	
TCMX (S)				100	95.2	97.2		48 - 125		
DCBP (S)				100	101	104		38 - 135		

<b>Work Order:</b>	1909260	<b>Prep Method:</b>	3546_PCB	<b>Prep Date:</b>	10/01/19	<b>Prep Batch:</b>	1117046
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	SW8082A	<b>Analyzed Date:</b>	10/1/2019	<b>Analytical Batch:</b>	442798
<b>Units:</b>	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Aroclor1016	53	100	ND	600	116	123	5.45	25 - 145	30	
Aroclor1260	36	100	ND	600	96.7	101	4.71	30 - 145	30	
TCMX (S)				0.10	105	108		48 - 125		
DCBP (S)				0.10	99.0	101		48 - 135		



## LCS/LCSD Summary Report

*Raw values are used in quality control assessment.*

<b>Work Order:</b>	1909260	<b>Prep Method:</b>	3050B	<b>Prep Date:</b>	10/01/19	<b>Prep Batch:</b>	1117065
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	SW6010B	<b>Analyzed Date:</b>	10/2/2019	<b>Analytical Batch:</b>	442820
<b>Units:</b>	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Antimony	0.050	5.00	ND	50	107	104	2.84	80 - 120	30	
Arsenic	0.15	1.30	ND	50	106	103	2.87	80 - 120	30	
Barium	0.055	5.00	ND	50	109	105	3.74	80 - 120	30	
Beryllium	0.055	5.00	ND	50	109	105	3.74	80 - 120	30	
Cadmium	0.10	5.00	ND	50	107	104	2.84	80 - 120	30	
Chromium	0.075	5.00	0.088	50	110	105	4.65	80 - 120	30	
Cobalt	0.070	5.00	ND	50	109	105	3.74	80 - 120	30	
Copper	0.20	5.00	ND	50	112	107	4.57	80 - 120	30	
Lead	0.10	3.00	0.10	50	108	104	3.77	80 - 120	30	
Molybdenum	0.050	5.00	ND	50	111	106	4.61	80 - 120	30	
Nickel	0.50	5.00	ND	50	109	105	3.74	80 - 120	30	
Selenium	0.22	5.00	ND	50	97.4	97.1	0.206	80 - 120	30	
Silver	0.15	5.00	ND	50	110	105	4.65	80 - 120	30	
Thallium	0.20	5.00	ND	50	107	104	2.84	80 - 120	30	
Vanadium	0.10	5.00	ND	50	111	106	4.61	80 - 120	30	
Zinc	0.30	5.00	ND	50	104	101	2.93	80 - 120	30	

<b>Work Order:</b>	1909260	<b>Prep Method:</b>	7471BP	<b>Prep Date:</b>	10/01/19	<b>Prep Batch:</b>	1117066
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	SW7471B	<b>Analyzed Date:</b>	10/2/2019	<b>Analytical Batch:</b>	442813
<b>Units:</b>	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Mercury	0.047	0.50	ND	1.25	115	111	3.53	80 - 120	30	

<b>Work Order:</b>	1909260	<b>Prep Method:</b>	3546_TPH	<b>Prep Date:</b>	10/02/19	<b>Prep Batch:</b>	1117074
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	SW8015B	<b>Analyzed Date:</b>	10/2/2019	<b>Analytical Batch:</b>	442815
<b>Units:</b>	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
TPH as Diesel	0.85	2.0	ND	25.0	82.8	93.2	11.8	52 - 115	30	
Pentacosane (S)				200	101	105		59 - 129		



## LCS/LCSD Summary Report

*Raw values are used in quality control assessment.*

<b>Work Order:</b>	1909260	<b>Prep Method:</b>	5035	<b>Prep Date:</b>	09/30/19	<b>Prep Batch:</b>	1117075
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	SW8260B	<b>Analyzed Date:</b>	9/30/2019	<b>Analytical Batch:</b>	442800
<b>Units:</b>	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
1,1-Dichloroethene	2.0	10	ND	50.0	106	117	9.34	53.7 - 139	30	
Benzene	2.2	10	ND	50.0	109	123	11.4	66.5 - 135	30	
Trichloroethylene	1.8	10	ND	50.0	99.1	110	10.1	57.5 - 150	30	
Toluene	1.8	10	ND	50.0	106	117	9.49	56.8 - 134	30	
Chlorobenzene	1.8	10	ND	50.0	100	111	10.0	57.4 - 134	30	
(S) Dibromofluoromethane				50.0	115	125		59.8 - 148		
(S) Toluene-d8				50.0	115	122		55.2 - 133		
(S) 4-Bromofluorobenzene				50.0	107	120		55.8 - 141		

<b>Work Order:</b>	1909260	<b>Prep Method:</b>	5035GRO	<b>Prep Date:</b>	09/30/19	<b>Prep Batch:</b>	1117076
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	SW8260B	<b>Analyzed Date:</b>	9/30/2019	<b>Analytical Batch:</b>	442800
<b>Units:</b>	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
TPH(Gasoline)	43	100	52	1000	112	108	3.64	48.2 - 132	30	
(S) 4-Bromofluorobenzene				50	109	111		43.9 - 127		

<b>Work Order:</b>	1909260	<b>Prep Method:</b>	5035	<b>Prep Date:</b>	10/01/19	<b>Prep Batch:</b>	1117092
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	SW8260B	<b>Analyzed Date:</b>	10/1/2019	<b>Analytical Batch:</b>	442822
<b>Units:</b>	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
1,1-Dichloroethene	2.0	10	ND	50.0	112	118	5.39	53.7 - 139	30	
Benzene	2.2	10	ND	50.0	121	127	4.67	66.5 - 135	30	
Trichloroethylene	1.8	10	ND	50.0	108	114	5.05	57.5 - 150	30	
Toluene	1.8	10	ND	50.0	118	123	4.14	56.8 - 134	30	
Chlorobenzene	1.8	10	ND	50.0	115	117	2.07	57.4 - 134	30	
(S) Dibromofluoromethane				50.0	127	131		59.8 - 148		
(S) Toluene-d8				50.0	123	129		55.2 - 133		
(S) 4-Bromofluorobenzene				50.0	118	122		55.8 - 141		



## LCS/LCSD Summary Report

*Raw values are used in quality control assessment.*

<b>Work Order:</b>	1909260	<b>Prep Method:</b>	5035GRO	<b>Prep Date:</b>	10/01/19	<b>Prep Batch:</b>	1117093
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	SW8260B	<b>Analyzed Date:</b>	10/1/2019	<b>Analytical Batch:</b>	442822
<b>Units:</b>	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
TPH(Gasoline)	43	100	ND	1000	113	107	5.45	48.2 - 132	30	
(S) 4-Bromofluorobenzene				50	99.3	108		43.9 - 127		

<b>Work Order:</b>	1909260	<b>Prep Method:</b>	WET/3010B	<b>Prep Date:</b>	10/10/19	<b>Prep Batch:</b>	1117290
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	SW6010B	<b>Analyzed Date:</b>	10/10/2019	<b>Analytical Batch:</b>	443035
<b>Units:</b>	mg/L						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Chromium (STLC)	0.010	0.20	0.033	10	88.5	88.8	0.338	80 - 120	20	
Lead (STLC)	0.050	0.20	0.054	10	95.7	96.1	0.417	80 - 120	20	
Nickel (STLC)	0.010	0.20	ND	10	83.3	83.5	0.240	80 - 120	20	

<b>Work Order:</b>	1909260	<b>Prep Method:</b>	WET/3010B	<b>Prep Date:</b>	10/16/19	<b>Prep Batch:</b>	1117446
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	SW6010B	<b>Analyzed Date:</b>	10/16/2019	<b>Analytical Batch:</b>	443175
<b>Units:</b>	mg/L						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Chromium (STLC)	0.010	0.20	0.030	10	85.7	84.6	1.29	80 - 120	20	

<b>Work Order:</b>	1909260	<b>Prep Method:</b>	1311/3010B	<b>Prep Date:</b>	10/24/19	<b>Prep Batch:</b>	1117656
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	SW6010B	<b>Analyzed Date:</b>	10/24/2019	<b>Analytical Batch:</b>	443377
<b>Units:</b>	mg/L						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Arsenic (TCLP)	0.20	0.40	ND	10	98.0	95.4	2.69	80 - 120	20	
Barium (TCLP)	0.020	0.20	ND	10	96.8	93.8	3.15	80 - 120	20	
Cadmium (TCLP)	0.040	0.20	ND	10	93.3	90.3	3.27	80 - 120	20	
Chromium (TCLP)	0.010	0.20	ND	10	92.9	90.3	2.84	80 - 120	20	
Lead (TCLP)	0.050	0.20	0.086	10	93.4	89.5	4.26	80 - 120	20	
Selenium (TCLP)	0.090	0.20	ND	10	100	98.0	2.02	80 - 120	20	
Silver (TCLP)	0.020	0.20	ND	10	97.0	94.6	2.51	80 - 120	20	



## MS/MSD Summary Report

*Raw values are used in quality control assessment.*

<b>Work Order:</b>	1909260	<b>Prep Method:</b>	3546_PAHSIM	<b>Prep Date:</b>	10/01/19	<b>Prep Batch:</b>	1117039
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	SW8270C	<b>Analyzed Date:</b>	10/1/2019	<b>Analytical Batch:</b>	442817
<b>Spiked Sample:</b>	1909260-011A						
<b>Units:</b>	ug/Kg						

Parameters	MDL	PQL	Sample Conc.	Spike Conc.	MS % Recovery	MSD % Recovery	MS/MSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Acenaphthene	0.162	3.96	ND	200.0	65.8	68.8	4.44	45 - 125	30	
Pyrene	0.549	3.96	ND	200.0	88.6	91.1	2.22	45 - 125	30	
2-Fluorobiphenyl (S)				2778	67.6	70.3	3.92	45 - 125		
p-Terphenyl-d14 (S)				2778	79.0	79.8	1.01	30 - 125		

<b>Work Order:</b>	1909260	<b>Prep Method:</b>	3546_OCP	<b>Prep Date:</b>	10/01/19	<b>Prep Batch:</b>	1117044
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	SW8081B	<b>Analyzed Date:</b>	10/2/2019	<b>Analytical Batch:</b>	442844
<b>Spiked Sample:</b>	1909260-005A						
<b>Units:</b>	ug/Kg						

Parameters	MDL	PQL	Sample Conc.	Spike Conc.	MS % Recovery	MSD % Recovery	MS/MSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
gamma-BHC (Lindane)	0.159	2.00	ND	40	86.8	86.6	0.289	25 - 135	30	
Heptachlor	0.105	2.00	ND	40	88.9	88.4	0.846	40 - 130	30	
Aldrin	0.195	2.00	ND	40	88.1	87.3	1.14	25 - 140	30	
Dieldrin	0.148	2.00	ND	40	85.0	84.2	0.884	60 - 130	30	
Endrin	0.188	2.00	ND	40	88.5	86.4	2.58	55 - 135	30	
4,4'-DDT	0.129	2.00	ND	40	86.7	86.9	0.288	45 - 140	30	
TCMX (S)				100	88.8	88.5		48 - 125		
DCBP (S)				100	91.0	93.0		38 - 135		

<b>Work Order:</b>	1909260	<b>Prep Method:</b>	3546_PCB	<b>Prep Date:</b>	10/01/19	<b>Prep Batch:</b>	1117046
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	SW8082A	<b>Analyzed Date:</b>	10/1/2019	<b>Analytical Batch:</b>	442798
<b>Spiked Sample:</b>	1909260-012A						
<b>Units:</b>	ug/Kg						

Parameters	MDL	PQL	Sample Conc.	Spike Conc.	MS % Recovery	MSD % Recovery	MS/MSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Aroclor1016	53.0	100	ND	600	103	98.7	3.78	25 - 145	30	
Aroclor1260	36.0	100	ND	600	84.0	82.3	2.00	30 - 145	30	
TCMX (S)				0.10	86.0	82.0		48 - 125		
DCBP (S)				0.10	80.0	77.0		48 - 135		



## MS/MSD Summary Report

*Raw values are used in quality control assessment.*

<b>Work Order:</b>	1909260	<b>Prep Method:</b>	3546_TPH	<b>Prep Date:</b>	10/02/19	<b>Prep Batch:</b>	1117074
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	SW8015B	<b>Analyzed Date:</b>	10/2/2019	<b>Analytical Batch:</b>	442815
<b>Spiked Sample:</b>	1909260-012A						
<b>Units:</b>	mg/Kg						

Parameters	MDL	PQL	Sample Conc.	Spike Conc.	MS % Recovery	MSD % Recovery	MS/MSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
TPH as Diesel	0.850	2.00	ND	25.0	71.7	65.1	8.97	52 - 115	30	
Pentacosane (S)				200	71.0	69.4		59 - 129		

<b>Work Order:</b>	1909260	<b>Prep Method:</b>	1311/3010B	<b>Prep Date:</b>	10/24/19	<b>Prep Batch:</b>	1117656
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	SW6010B	<b>Analyzed Date:</b>	10/24/2019	<b>Analytical Batch:</b>	443377
<b>Spiked Sample:</b>	1909260-009A						
<b>Units:</b>	mg/L						

Parameters	MDL	PQL	Sample Conc.	Spike Conc.	MS % Recovery	MSD % Recovery	MS/MSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Lead (TCLP)	0.0500	0.200	ND	10	89.0	89.8	0.876	75 - 125	20	



### Duplicate QC Summary Report

<b>Work Order:</b> 1909260	<b>Prep Method:</b> % Water-P	<b>Prep Date:</b> 10/4/2019	<b>Prep Batch:</b> 1117183
<b>Matrix:</b>	<b>Analytical Method:</b> ASTM D2216-90	<b>Analyzed Date:</b> 10/04/19	<b>Analytical Batch:</b> 442909
<b>Units:</b>	<b>Lab Sample ID:</b> 1909260-001A-DUP-1117183		

Parameters	MDL	PQL	Sample Result	Duplicate Result	% RPD
Moisture, Percent	0.057	0.0565	13.9	13.5	2.92

<b>Work Order:</b> 1909260	<b>Prep Method:</b> % Water-P	<b>Prep Date:</b> 10/4/2019	<b>Prep Batch:</b> 1117183
<b>Matrix:</b>	<b>Analytical Method:</b> ASTM D2216-90	<b>Analyzed Date:</b> 10/04/19	<b>Analytical Batch:</b> 442909
<b>Units:</b>	<b>Lab Sample ID:</b> 1909260-012A-DUP-1117183		

Parameters	MDL	PQL	Sample Result	Duplicate Result	% RPD
Moisture, Percent	0.064	0.0640	27.3	27.6	1.09



## Laboratory Qualifiers and Definitions

### DEFINITIONS:

<b>Accuracy/Bias (% Recovery)</b> - The closeness of agreement between an observed value and an accepted reference value.
<b>Blank (Method/Preparation Blank)</b> -MB/PB - An analyte-free matrix to which all reagents are added in the same volumes/proportions as used in sample processing. The method blank is used to document contamination resulting from the analytical process.
<b>Duplicate</b> - a field sample and/or laboratory QC sample prepared in duplicate following all of the same processes and procedures used on the original sample (sample duplicate, LCSD, MSD)
<b>Laboratory Control Sample (LCS ad LCSD)</b> - A known matrix spiked with compounds representative of the target analyte(s). This is used to document laboratory performance.
<b>Matrix</b> - the component or substrate that contains the analyte of interest (e.g., - groundwater, sediment, soil, waste water, etc)
<b>Matrix Spike (MS/MSD)</b> - Client sample spiked with identical concentrations of target analyte (s). The spiking occurs prior to the sample preparation and analysis. They are used to document the precision and bias of a method in a given sample matrix.
<b>Method Detection Limit (MDL)</b> - the minimum concentration of a substance that can be measured and reported with a 99% confidence that the analyte concentration is greater than zero
<b>Practical Quantitation Limit/Reporting Limit/Limit of Quantitation (PQL/RL/LOQ)</b> - a laboratory determined value at 2 to 5 times above the MDL that can be reproduced in a manner that results in a 99% confidence level that the result is both accurate and precise. PQLs/RLs/LODs reflect all preparation factors and/or dilution factors that have been applied to the sample during the preparation and/or analytical processes.
<b>Precision (%RPD)</b> - The agreement among a set of replicate/duplicate measurements without regard to known value of the replicates
<b>Surrogate (S) or (Surr)</b> - An organic compound which is similar to the target analyte(s) in chemical composition and behavior in the analytical process, but which is not normally found in environmental samples. Surrogates are used in most organic analysis to demonstrate matrix compatibility with the chosen method of analysis
<b>Tentatively Identified Compound (TIC)</b> - A compound not contained within the analytical calibration standards but present in the GCMS library of defined compounds. When the library is searched for an unknown compound, it can frequently give a tentative identification to the compound based on retention time and primary and secondary ion match. TICs are reported as estimates and are candidates for further investigation.
<b>Units:</b> the unit of measure used to express the reported result - <b>mg/L</b> and <b>mg/Kg</b> (equivalent to PPM - parts per million in <b>liquid</b> and <b>solid</b> ), <b>ug/L</b> and <b>ug/Kg</b> (equivalent to PPB - parts per billion in <b>liquid</b> and <b>solid</b> ), <b>ug/m3</b> , <b>mg/m3</b> , <b>ppbv</b> and <b>ppmv</b> (all units of measure for reporting concentrations in air), % (equivalent to 10000 ppm or 1,000,000 ppb), <b>ug/Wipe</b> (concentration found on the surface of a single Wipe usually taken over a 100cm <sup>2</sup> surface)

### LABORATORY QUALIFIERS:

<p><b>B</b> - Indicates when the analyte is found in the associated method or preparation blank</p> <p><b>D</b> - Surrogate is not recoverable due to the necessary dilution of the sample</p> <p><b>E</b> - Indicates the reportable value is outside of the calibration range of the instrument but within the linear range of the instrument (unless otherwise noted) Values reported with an E qualifier should be considered as estimated.</p> <p><b>H</b>- Indicates that the recommended holding time for the analyte or compound has been exceeded</p> <p><b>J</b>- Indicates a value between the method MDL and PQL and that the reported concentration should be considered as estimated rather the quantitative</p> <p><b>NA</b> - Not Analyzed</p> <p><b>N/A</b> - Not Applicable</p> <p><b>ND</b> - Not Detected at a concentration greater than the PQL/RL or, if reported to the MDL, at greater than the MDL.</p> <p><b>NR</b> - Not recoverable - a matrix spike concentration is not recoverable due to a concentration within the original sample that is greater than four times the spike concentration added</p> <p><b>R</b>- The % RPD between a duplicate set of samples is outside of the absolute values established by laboratory control charts</p> <p><b>S</b>- Spike recovery is outside of established method and/or laboratory control limits. Further explanation of the use of this qualifier should be included within a case narrative</p> <p><b>X</b> -Used to indicate that a value based on pattern identification is within the pattern range but not typical of the pattern found in standards. Further explanation may or may not be provided within the sample footnote and/or the case narrative.</p>
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## Sample Receipt Checklist

Client Name: Cornerstone Earth Group

Project Name: 95 S. Almaden Soil Profiling

Work Order No.: 1909260

Date and Time Received: 9/30/2019 12:25:00PM

Received By: Helena Ueng

Physically Logged By: Helena Ueng

Checklist Completed By: Helena Ueng

Carrier Name: Client Drop Off

### Chain of Custody (COC) Information

Chain of custody present? Yes  
Chain of custody signed when relinquished and received? Yes  
Chain of custody agrees with sample labels? Yes  
Custody seals intact on sample bottles? Not Present

### Sample Receipt Information

Custody seals intact on shipping container/cooler? Not Present  
Shipping Container/Cooler In Good Condition? Yes  
Samples in proper container/bottle? Yes  
Samples containers intact? Yes  
Sufficient sample volume for indicated test? Yes

### Sample Preservation and Hold Time (HT) Information

All samples received within holding time? Yes  
Container/Temp Blank temperature in compliance? Yes      Temperature: 4.0 °C  
Water-VOA vials have zero headspace? No VOA vials submitted  
Water-pH acceptable upon receipt? N/A  
pH Checked by: N/A      pH Adjusted by: N/A

### Comments:



## Login Summary Report

**Client ID:** TL5119      Cornerstone Earth Group  
**Project Name:** 95 S. Almaden Soil Profiling  
**Project # :** 510-29-2  
**Report Due Date:** 10/25/2019

**QC Level:** II  
**TAT Requested:** 3 Day Std:3  
**Date Received:** 9/30/2019  
**Time Received:** 12:25 pm

**Comments:**

**Work Order # :** 1909260

<u>WO Sample ID</u>	<u>Client Sample ID</u>	<u>Collection Date/Time</u>	<u>Matrix</u>	<u>Scheduled Disposal</u>	<u>Sample On Hold</u>	<u>Test On Hold</u>	<u>Requested Tests</u>	<u>Subbed</u>
1909260-001A	EB-2(0.5-1)	09/29/19 7:47	Soil	03/27/20			Hg_S_7471B Met_S_CAM17STLC PMOIST TPHDO_S_8015(Mod ) SVO_S_8270CFull Pest_S_8081OCP PCBs_S_8082A PAHSIM_S_8270 C Met_S_6010B CAM17	
<b>Sample Note:</b> PAHs by SIM, other 8270 compounds non-SIM								
1909260-001B	EB-2(0.5-1)	09/29/19 7:47	Soil	03/27/20			EN_VOC_8260B VOC_S_GRO	
1909260-002A	EB-2(1-1.5)	09/29/19 7:55	Soil	03/27/20			Hg_S_7471B Met_S_CAM17TCLP Met_S_CAM17STLC PMOIST TPHDO_S_8015(Mod ) SVO_S_8270CFull Pest_S_8081OCP PCBs_S_8082A PAHSIM_S_8270 C Met_S_6010B CAM17	
1909260-002B	EB-2(1-1.5)	09/29/19 7:55	Soil	03/27/20			EN_VOC_8260B VOC_S_GRO	
1909260-003A	EB-2(3-3.5)	09/29/19 8:38	Soil	03/27/20			Hg_S_7471B Met_S_CAM17STLC PMOIST TPHDO_S_8015(Mod ) SVO_S_8270CFull	



## Login Summary Report

**Client ID:** TL5119      Cornerstone Earth Group  
**Project Name:** 95 S. Almaden Soil Profiling  
**Project # :** 510-29-2  
**Report Due Date:** 10/25/2019

**QC Level:** II  
**TAT Requested:** 3 Day Std:3  
**Date Received:** 9/30/2019  
**Time Received:** 12:25 pm

**Comments:**

**Work Order # :** 1909260

<u>WO Sample ID</u>	<u>Client Sample ID</u>	<u>Collection Date/Time</u>	<u>Matrix</u>	<u>Scheduled Disposal</u>	<u>Sample On Hold</u>	<u>Test On Hold</u>	<u>Requested Tests</u>	<u>Subbed</u>
1909260-003B	EB-2(3-3.5)	09/29/19 8:38	Soil	03/27/20			Pest_S_8081OCP PCBs_S_8082A PAHSIM_S_8270 C Met_S_6010B CAM17	
1909260-004A	EB-2(5.5-6)	09/29/19 8:15	Soil	03/27/20			EN_VOC_8260B VOC_S_GRO	
1909260-004B	EB-2(5.5-6)	09/29/19 8:15	Soil	03/27/20			Hg_S_7471B Met_S_CAM17STLC PMOIST TPHDO_S_8015(Mod ) SVO_S_8270CFull Pest_S_8081OCP PCBs_S_8082A PAHSIM_S_8270 C Met_S_6010B CAM17	
1909260-005A	EB-2(9-9.5)	09/29/19 8:34	Soil	03/27/20			EN_VOC_8260B VOC_S_GRO	
1909260-005B	EB-2(9-9.5)	09/29/19 8:34	Soil	03/27/20			Hg_S_7471B Met_S_CAM17STLC PMOIST TPHDO_S_8015(Mod ) SVO_S_8270CFull Pest_S_8081OCP PCBs_S_8082A PAHSIM_S_8270 C Met_S_6010B CAM17	
1909260-006A	EB-2(24-24.5)	09/29/19 8:53	Soil	03/27/20			EN_VOC_8260B VOC_S_GRO  Hg_S_7471B	



## Login Summary Report

**Client ID:** TL5119      Cornerstone Earth Group  
**Project Name:** 95 S. Almaden Soil Profiling  
**Project # :** 510-29-2  
**Report Due Date:** 10/25/2019

**QC Level:** II  
**TAT Requested:** 3 Day Std:3  
**Date Received:** 9/30/2019  
**Time Received:** 12:25 pm

**Comments:**

**Work Order # :** 1909260

<u>WO Sample ID</u>	<u>Client Sample ID</u>	<u>Collection Date/Time</u>	<u>Matrix</u>	<u>Scheduled Disposal</u>	<u>Sample On Hold</u>	<u>Test On Hold</u>	<u>Requested Tests</u>	<u>Subbed</u>
1909260-006B	EB-2(24-24.5)	09/29/19 8:53	Soil	03/27/20			Met_S_6010B CAM17 TPHDO_S_8015(Mod ) PMOIST  EN_VOC_8260B VOC_S_GRO	
<b>Sample Note:</b> Only 2 Encores available (one received empty)								
1909260-007A	EB-2(39-39.5)	09/29/19 9:14	Soil	03/27/20			Hg_S_7471B Met_S_CAM17STLC PMOIST TPHDO_S_8015(Mod ) Met_S_6010B CAM17	
1909260-007B	EB-2(39-39.5)	09/29/19 9:14	Soil	03/27/20			EN_VOC_8260B VOC_S_GRO	
1909260-008A	EB-3(0-0.5)	09/29/19 10:33	Soil	03/27/20			Hg_S_7471B Met_S_CAM17STLC PMOIST TPHDO_S_8015(Mod ) SVO_S_8270CFull Pest_S_8081OCP PCBs_S_8082A PAHSIM_S_8270 C Met_S_6010B CAM17	
1909260-008B	EB-3(0-0.5)	09/29/19 10:33	Soil	03/27/20			EN_VOC_8260B VOC_S_GRO	
1909260-009A	EB-3(0.5-1)	09/29/19 11:02	Soil	03/27/20			Hg_S_7471B Met_S_CAM17TCLP Met_S_CAM17STLC PMOIST	



## Login Summary Report

**Client ID:** TL5119      Cornerstone Earth Group  
**Project Name:** 95 S. Almaden Soil Profiling  
**Project # :** 510-29-2  
**Report Due Date:** 10/25/2019

**QC Level:** II  
**TAT Requested:** 3 Day Std:3  
**Date Received:** 9/30/2019  
**Time Received:** 12:25 pm

**Comments:**

**Work Order # :** 1909260

<u>WO Sample ID</u>	<u>Client Sample ID</u>	<u>Collection Date/Time</u>	<u>Matrix</u>	<u>Scheduled Disposal</u>	<u>Sample On Hold</u>	<u>Test On Hold</u>	<u>Requested Tests</u>	<u>Subbed</u>
1909260-009B	EB-3(0.5-1)	09/29/19 11:02	Soil	03/27/20			TPHDO_S_8015(Mod ) SVO_S_8270CFull Pest_S_8081OCP PCBs_S_8082A PAHSIM_S_8270 C Met_S_6010B CAM17	
1909260-010A	EB-3(3-3.5)	09/29/19 11:05	Soil	03/27/20			EN_VOC_8260B VOC_S_GRO	
1909260-010B	EB-3(3-3.5)	09/29/19 11:05	Soil	03/27/20			Hg_S_7471B Met_S_CAM17TCLP Met_S_CAM17STLC PMOIST TPHDO_S_8015(Mod ) SVO_S_8270CFull Pest_S_8081OCP PCBs_S_8082A PAHSIM_S_8270 C Met_S_6010B CAM17	
1909260-011A	EB-3(5.5-6)	09/29/19 11:17	Soil	03/27/20			EN_VOC_8260B VOC_S_GRO	
1909260-011B	EB-3(5.5-6)	09/29/19 11:17	Soil	03/27/20			Hg_S_7471B Met_S_CAM17STLC PMOIST TPHDO_S_8015(Mod ) SVO_S_8270CFull Pest_S_8081OCP PCBs_S_8082A PAHSIM_S_8270 C Met_S_6010B CAM17	



## Login Summary Report

**Client ID:** TL5119      Cornerstone Earth Group  
**Project Name:** 95 S. Almaden Soil Profiling  
**Project # :** 510-29-2  
**Report Due Date:** 10/25/2019

**QC Level:** II  
**TAT Requested:** 3 Day Std:3  
**Date Received:** 9/30/2019  
**Time Received:** 12:25 pm

**Comments:**

**Work Order # :** 1909260

<u>WO Sample ID</u>	<u>Client Sample ID</u>	<u>Collection Date/Time</u>	<u>Matrix</u>	<u>Scheduled Disposal</u>	<u>Sample On Hold</u>	<u>Test On Hold</u>	<u>Requested Tests</u>	<u>Subbed</u>
1909260-012A	EB-3(9-9.5)	09/29/19 11:30	Soil	03/27/20			EN_VOC_8260B VOC_S_GRO  Hg_S_7471B Met_S_CAM17STLC PMOIST TPHDO_S_8015(Mod ) SVO_S_8270CFull Pest_S_8081OCP PCBs_S_8082A PAHSIM_S_8270 C Met_S_6010B CAM17	
1909260-012B	EB-3(9-9.5)	09/29/19 11:30	Soil	03/27/20			EN_VOC_8260B VOC_S_GRO	
1909260-013A	EB-3(24-24.5)	09/29/19 12:01	Soil	03/27/20			Hg_S_7471B Met_S_CAM17STLC PMOIST TPHDO_S_8015(Mod ) Met_S_6010B CAM17	
1909260-013B	EB-3(24-24.5)	09/29/19 12:01	Soil	03/27/20			EN_VOC_8260B VOC_S_GRO	
1909260-014A	EB-3(39-39.5)	09/29/19 12:22	Soil	03/27/20			Hg_S_7471B Met_S_CAM17STLC PMOIST TPHDO_S_8015(Mod ) Met_S_6010B CAM17	
1909260-014B	EB-3(39-39.5)	09/29/19 12:22	Soil	03/27/20			EN_VOC_8260B VOC_S_GRO	



Chain of Custody Record

1909260

Project Manager: Ron Helm		Site Sampler: JMA		Date: 9/29/19		COC No: 1											
Cornerstone Earth Group, Inc.		Tel/Fax: 408-245-4600 ext. 101		Lab Contact: Kathie Evans		Lab: Torrent											
1259 Oakmead Pkwy		Analysis Turnaround Time		<input type="checkbox"/> 1 week <input checked="" type="checkbox"/> 3 days <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day		Laboratory's Job No.											
Sunnyvale, California 94085																	
(408) 245-4600 Phone																	
(408) 245-4620 FAX																	
Project Name: 95 S. Almaden Soil Profiling																	
Site: 95 S. Almaden Ave., San Jose																	
Project Number: 510-29-2						Laboratory's Sample Specific Notes:											
Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	CAM17 (EPA Test Method 6010B)	TPHd/TPHo (EPA Test Method 8015B)	VOCs/TPHig (EPA Test Method 8260B)	PCBs (EPA Test Method 8082)	OCF (EPA Test Method 8081)	SVOCs (EPA Test Method 8270C)	PAHs (EPA Test Method 8270SIM)				
0019/002 EB-2(0.5-1)	9/29/19	7:47	LINER/NO	SOIL	4		X	X	X	X	X	X	X				
002 EB-2 (1-1.5)		7:55					X	X	X	X	X	X	X				
003 EB-2 (3-3.5)		8:38					X	X	X	X	X	X	X				
004 EB-2 (5-5.6)		8:15					X	X	X	X	X	X	X				
005 EB-2 (9-9.5)		8:34					X	X	X	X	X	X	X				
006 EB-2(24-24.5)		8:53					X	X	X								
007 EB-2 (39-39.5)	9/29/19	9:14					X	X	X								
Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____																	
Possible Hazard Identification						Sample Disposal											
<input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown						<input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months											
Special Instructions/QC Requirements & Comments: If additional sample is needed, please use the liner. Please email results to Ron Helm (rhelm@cornerstoneearth.com), Nick Brettner (nbrettner@cornerstoneearth.com), Bryan Cervantes (bcervantes@cornerstoneearth.com), and Joelle Arakaki (jarakaki@cornerstoneearth.com).																	
Relinquished by:	Company: Cornerstone Earth Group	Date/Time: 9:30-9:12:05	Received by:	Company: Torrent Lab	Date/Time: 9/30/19 12:25												
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:												
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:												

110 Temp 4°C #2



Chain of Custody Record

1909260

Project Manager: Ron Helm		Site Sampler: JMA		Date: 9/29/19		COC No: 1	
Cornerstone Earth Group, Inc.		Tel/Fax: 408-245-4600 ext. 101		Lab Contact: Kathie Evans		Lab: Torrent	
1259 Oakmead Pkwy		Sunnyvale, California 94085		Analysis Turnaround Time		Laboratory's Job No.	
(408) 245-4600 Phone		(408) 245-4620 FAX		TAT if different from Below _____			
Project Name: 95 S. Almaden Soil Profiling		Site: 95 S. Almaden Ave., San Jose		<input type="checkbox"/> 1 week <input checked="" type="checkbox"/> 3 days <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day			
Project Number: 510-29-2							
Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	Laboratory's Sample Specific Notes:
008A/B EB-3 (0.0'-0.5')	9/29/19	10:33	CND Liner	Soil	4	<input checked="" type="checkbox"/> CAM17 (EPA Test Method 6010B) <input checked="" type="checkbox"/> TPHd/TPHo (EPA Test Method 8015B) <input checked="" type="checkbox"/> VOCs/TPHg (EPA Test Method 8260B) <input checked="" type="checkbox"/> PCBs (EPA Test Method 8082) <input checked="" type="checkbox"/> OCP (EPA Test Method 8081) <input checked="" type="checkbox"/> SVOCs (EPA Test Method 8270C) <input checked="" type="checkbox"/> PAHs (EPA Test Method 8270SIM)	
009 EB-3 (0.5'-1')		11:02					
010 EB-3 (1'-3.5')		11:05					
011 EB-3 (3.5'-6')		11:17					
012 EB-3 (6'-9.5')		11:30					
013 EB-3 (9'-24.5')		12:01					
014 EB-3 (24.5'-39.5')		12:22					
Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other <u>1</u>							
Possible Hazard Identification <input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown				Sample Disposal <input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months			
Special Instructions/QC Requirements & Comments: If additional sample is needed, please use the liner. Please email results to Ron Helm (rhelm@cornerstoneearth.com), Nick Brettner (nbrettner@cornerstoneearth.com), Bryan Cervantes (bcervantes@cornerstoneearth.com), and Joelle Arakaki (jarakaki@cornerstoneearth.com).							
Relinquished by:	Company: Cornerstone Earth Group	Date/Time: 9:30/19 12:25	Received by:	Company: Torrent Labs	Date/Time: 9/30/19 12:25		
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:		
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:		

010 Temp = 40 C #2





**Change Order**

**Work Order:** 1909260

**Serial #:** CO19-0579

**Print Date:** 10/4/2019

**Project Name:** 95 S. Almaden Soil Profiling

**Client:** Cornerstone Earth Group

**Requested By:** Nick Brettner

	<u>Requested Date</u>	<u>Requested Time</u>	<u>Extended Price</u>
Analyze 001-014 for % moisture; 1 day TAT	10/4/2019		



**Change Order**

**Work Order:** 1909260

**Serial #:** CO19-0603

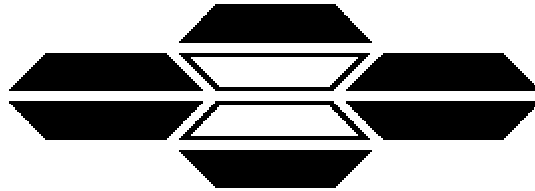
**Print Date:** 10/11/2019

**Project Name:** 95 S. Almaden Soil Profiling

**Client:** Cornerstone Earth Group

**Requested By:** Nick Brettner

	<u>Requested Date</u>	<u>Requested Time</u>	<u>Extended Price</u>
Additional Test-STLC Cr for 003/005/011/014; STD TAT	10/11/2019	11:45:00AM	



**ASBESTOS TEM LABORATORIES, INC.**

**CARB Method 435  
Polarized Light Microscopy  
Analytical Report**

**Laboratory Job # 1206-00355**

630 Bancroft Way  
Berkeley, CA 94710  
(510) 704-8930  
FAX (510) 704-8429

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ASBESTOS TEM LABORATORIES, INC

CA DPH ELAP  
Lab No. 1866



NVLAP Lab Code: 101891-0  
Berkeley, CA

Oct/07/2019

Nick Brettner  
Cornerstone Earth Group, Inc.  
1259 Oakmead Parkway  
Sunnyvale, CA 94085

RE: LABORATORY JOB # 1206-00355  
Polarized light microscopy analytical results for 10 bulk sample(s).  
Job Site: 510-29-2  
Job No.: 95 South Almaden Ave. San Jose CA 95113

Enclosed please find the bulk material analytical results for one or more samples submitted for asbestos analysis. The analyses were performed in accordance with the California Air Resources Board (ARB) Method 435 for the determination of asbestos in serpentine aggregate samples.

Prior to analysis, samples are logged-in and all data pertinent to the sample recorded. The samples are checked for damage or disruption of any chain-of-custody seals. A unique laboratory ID number is assigned to each sample. A hard copy log-in sheet containing all pertinent information concerning the sample is generated. This and all other relevant paper work are kept with the sample throughout the analytical procedures to assure proper analysis.

Sample preparation follows a standard CARB 435 prep method. The entire sample is dried at 135-150 C and then crushed to ~3/8" gravel size using a Bico Chipmunk crusher. If the submitted sample is >1 pint, the sample was split using a 1/2" riffle splitter following ASTM Method C-702-98 to obtain a 1 pint aliquot. The entire 1 pint aliquot, or entire original sample, is then pulverized in a Bico Braun disc pulverizer calibrated to produce a nominal 200 mesh final product. If necessary, additional homogenization steps are undertaken using a 3/8" riffle splitter. Small aliquots are collected from throughout the pulverized material to create three separate microscope slide mounts containing the appropriate refractive index oil. The prepared slides are placed under a polarizing light microscope where standard mineralogical techniques are used to analyze the various materials present, including asbestos. If asbestos is identified and of less than 10% concentration by visual area estimate then an additional five sample mounts are prepared. Quantification of asbestos concentration is obtained using the standard CAL ARB Method 435 point count protocol. For samples observed to contain visible asbestos of less than 10% concentration, a point counting technique is used with 50 points counted on each of eight sample mounts for a total of 400 points. The data is then compiled into standard report format and subjected to a thorough quality assurance check before the information is released to the client.

While the CARB 435 method has much to commend it, there are a number of situations where it fails to provide sufficient accuracy to make a definitive determination of the presence/absence of asbestos and/or an accurate count of the asbestos concentration present in a given sample. These problems include, but are not limited to, 1) statistical uncertainty with samples containing <1% asbestos when too few particles are counted, 2) definitive identification and discrimination between various fibrous amphibole minerals such as tremolite/actinolite/hornblende and the "Libby amphiboles" such as tremolite/winchite/richterite/arfvedsonite, and C) small asbestiform fibers which are near or below the resolution limit of the PLM microscope such as those found in various California coast range serpentine bodies. In these cases, further analysis by transmission electron microscopy is recommended to obtain a more accurate result.

Sincerely Yours,

Lab Manager  
ASBESTOS TEM LABORATORIES, INC.

--- These results relate only to the samples tested and must not be reproduced, except in full, without the approval of the laboratory. ---

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With Branch Offices Located At: 1350 FREEPORT BLVD. UNIT 104, SPARKS, NV 89431

# POLARIZED LIGHT MICROSCOPY CARB 435 ANALYTICAL REPORT

Contact: Nick Brettner	Samples Submitted: 10	Report No. <b>366350</b>
Address: Cornerstone Earth Group, Inc. 1259 Oakmead Parkway Sunnyvale, CA 94085	Samples Analyzed: 10	Date Submitted: Oct-01-19
	Job Site / No. 95 South Almaden Ave. San Jose CA 95113 510-29-2	Date Reported: Oct-07-19

SAMPLE ID	POINTS COUNTED	ASBESTOS %	TYPE	LOCATION / DESCRIPTION
EB-3(0-0.5)	<b>5</b>	<b>1.25%</b>	<b>Chrysotile</b>	Chrysotile fibers observed.
Lab ID # 1206-00355-001	400 - Total Points			
EB-3(0.5-1)	<b>3</b>	<b>0.75%</b>	<b>Chrysotile</b>	Chrysotile fibers observed.
Lab ID # 1206-00355-002	400 - Total Points			
EB-3(3-3.5)		<b>&lt;0.25%</b>	<b>None Detected</b>	No Asbestos Detected
Lab ID # 1206-00355-003	400 - Total Points			
EB-3(5.5-6)		<b>&lt;0.25%</b>	<b>None Detected</b>	No Asbestos Detected
Lab ID # 1206-00355-004	400 - Total Points			
EB-3(9-9.5)		<b>&lt;0.25%</b>	<b>None Detected</b>	No Asbestos Detected
Lab ID # 1206-00355-005	400 - Total Points			
EB-4(0-0.5)		<b>&lt;0.25%</b>	<b>None Detected</b>	No Asbestos Detected
Lab ID # 1206-00355-006	400 - Total Points			
EB-4(0.5-1)		<b>&lt;0.25%</b>	<b>None Detected</b>	No Asbestos Detected
Lab ID # 1206-00355-007	400 - Total Points			
EB-4(3-3.5)		<b>&lt;0.25%</b>	<b>None Detected</b>	No Asbestos Detected
Lab ID # 1206-00355-008	400 - Total Points			
EB-4(5.5-6)		<b>&lt;0.25%</b>	<b>None Detected</b>	No Asbestos Detected
Lab ID # 1206-00355-009	400 - Total Points			
EB-4(9-9.5)		<b>&lt;0.25%</b>	<b>None Detected</b>	No Asbestos Detected
Lab ID # 1206-00355-010	400 - Total Points			

QC Reviewer *R. Mc Burt*

Analys *Jo Ann Hunter*

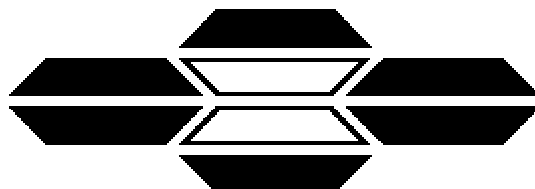


# ASBESTOS TEM LABORATORIES CHAIN OF CUSTODY

CALIFORNIA: 600 Bancroft Way, Suite A, Berkeley, CA 94710 Phone (510) 704-8930 Fax (510) 704-8429  
 NEVADA: 1350 Freeport Blvd. #104, Sparks, NV 89431 Phone (775) 359-3377 Fax (775) 359-2798  
 You may also email this chain of custody to [coc@asbestostemlabs.com](mailto:coc@asbestostemlabs.com) \* denotes required field

Company: Cornerstone Earth Group		Contact: * Nick Brettner		Phone: * 408-245-4600		Email: * nbrettner@cornerstoneearth.com				
Address: * 1259 Oakmead Parkway		City: * Sunnyvale		State: * CA Zip: 94085		Email: rhelm@cornerstoneearth.com				
Job Site: * 95 South Almaden Ave., San Jose CA 95113		Job #: 510-29-2		PO #:		Email: jarakaki@cornerstoneearth.com				
Reporting *	<input type="checkbox"/> Email <input type="checkbox"/> Phone <input type="checkbox"/> Fax	<input type="checkbox"/> Mail <input type="checkbox"/> Pickup <input type="checkbox"/> FTP	<input type="checkbox"/> Billing	<input type="checkbox"/> Fax	<input type="checkbox"/> Email <input type="checkbox"/> Mail	<input type="checkbox"/> Pre-Paid <input type="checkbox"/> On Receipt	<input type="checkbox"/> 3 <sup>rd</sup> Party			
Results Due: *	<input type="checkbox"/> 2 HR <input type="checkbox"/> 4 HR <input type="checkbox"/> 6 HR <input type="checkbox"/> 8 HR <input type="checkbox"/> 24 HR <input type="checkbox"/> 48 HR <input type="checkbox"/> 3 DAY <input type="checkbox"/> 4 DAY <input type="checkbox"/> 5 DAY	<input type="checkbox"/> TEM AHERA <input type="checkbox"/> TEM AHERA Mod. AHERA	<input type="checkbox"/> TEM CARB Mod. AHERA	<input type="checkbox"/> TEM EPA Yamate Level II	<input type="checkbox"/> TEM NIOSH 7402	<input type="checkbox"/> Hold Samples	<input type="checkbox"/> After Hours: **			
Asbestos Air	<input type="checkbox"/> PCM (NIOSH 7400A)	<input type="checkbox"/> TEM AHERA	<input type="checkbox"/> TEM CARB Mod. AHERA	<input type="checkbox"/> PLM 1000 PC	<input type="checkbox"/> PLM 1000 PC Grav. Red.	<input type="checkbox"/> PLM 1000 PC Grav. Red.	<input type="checkbox"/> TEM EPA Qualitative <input type="checkbox"/> TEM EPA Quantitative			
Asbestos Bulk	<input type="checkbox"/> PLM Standard (EPA 600/R-93-1)	<input type="checkbox"/> TEM Chatfield (Semi-Quant)	<input type="checkbox"/> PREP ONLY	<input type="checkbox"/> Custom Analysis: **	<input type="checkbox"/> CARB 435 PLM 400 PC	<input type="checkbox"/> EPA Soil Screening Qualitative	<input type="checkbox"/> TEM EPA/CARB Quantitative			
Asbestos Soils	<input type="checkbox"/> CARB 435 Prep Only	<input type="checkbox"/> ASTM D-5755 Fiber Count	<input type="checkbox"/> ASTM D-5756 Wt. %	<input type="checkbox"/> ASTM D-5480-99 Dust Wipe	<input type="checkbox"/> Total Particulates (Grav.)					
Asbestos Dust	<input type="checkbox"/> 100.2 Potable Drinking Water	<input type="checkbox"/> 100.1 Non Potable Water	<input type="checkbox"/> REPORT TO STATE: EDT #							
Asbestos Water	<input type="checkbox"/> Lead Paint Chips	<input type="checkbox"/> Lead Dust Wipe	<input type="checkbox"/> Lead Air Cassette	<input type="checkbox"/> Lead Soil	<input type="checkbox"/> Silica Dust Airborne by NIOSH 7500	<input type="checkbox"/> Crystalline Silica (Single Species)	<input type="checkbox"/> Silica Dust Bulk by NIOSH 7500			
Lead/Silica	<input type="checkbox"/> No Test, Hold Until:	<input type="checkbox"/> Test AND Hold Until:	<input type="checkbox"/> Composite	<input type="checkbox"/> 8 Hour TWA	<input type="checkbox"/> Special Instructions:		<input type="checkbox"/> Crystalline Silica in Bulk (Single Species)			
Sample Storage	<input type="checkbox"/> Sensitivity: _____	<input type="checkbox"/> Original Login/Lot # _____	<input type="checkbox"/> New Analysis Type: _____	<input type="checkbox"/> TAT: _____	<input type="checkbox"/> Special Instructions: _____					
Custom Order										
REANALYSIS										
Sample # *	Sample Type	Date Collected	Time On	Time Off	Total Time (min)	Flow Rate (lpm)	Volume or Area Sampled	Hold Sample	Description *	
EB-3 (0-0.5)	SOIL BAG	9/29/19						<input type="checkbox"/>		
EB-3 (0.5-1)								<input type="checkbox"/>		
EB-3 (3-3.5)								<input type="checkbox"/>		
EB-3 (5.5-6)								<input type="checkbox"/>		
EB-3 (9-9.5)								<input type="checkbox"/>		
EB-4 (0-0.5)								<input type="checkbox"/>		
EB-4 (0.5-1)								<input type="checkbox"/>		
EB-4 (3-3.5)								<input type="checkbox"/>		
EB-4 (5.5-6)								<input type="checkbox"/>		
EB-4 (9-9.5)								<input type="checkbox"/>		
Submitted By *	Date/Time Submitted * 9/30/19		Received By		Date/Time Received		Received By		Date/Time Received	

\*\* Any special instructions, RUSH results or Custom Analysis, you must clarify these specifications AND, of more importance, contact us here at ATEM ahead of time to manage scheduling to meet your requests. Drop off and processing of samples after hours cannot be accommodated without proper notification from you, and confirmation by ATEM staff.



**ASBESTOS TEM LABORATORIES, INC.**

**CARB Method 435  
Polarized Light Microscopy  
Analytical Report**

**Laboratory Job # 1206-00354**

630 Bancroft Way  
Berkeley, CA 94710  
(510) 704-8930  
FAX (510) 704-8429

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ASBESTOS TEM LABORATORIES, INC

CA DPH ELAP  
Lab No. 1866



NVLAP Lab Code: 101891-0  
Berkeley, CA

Oct/07/2019

Nick Brettner  
Cornerstone Earth Group, Inc.  
1259 Oakmead Parkway  
Sunnyvale, CA 94085

RE: LABORATORY JOB # 1206-00354  
Polarized light microscopy analytical results for 10 bulk sample(s).  
Job Site: 510-29-2  
Job No.: 95 South Almaden Ave, San Jose CA 95113

Enclosed please find the bulk material analytical results for one or more samples submitted for asbestos analysis. The analyses were performed in accordance with the California Air Resources Board (ARB) Method 435 for the determination of asbestos in serpentine aggregate samples.

Prior to analysis, samples are logged-in and all data pertinent to the sample recorded. The samples are checked for damage or disruption of any chain-of-custody seals. A unique laboratory ID number is assigned to each sample. A hard copy log-in sheet containing all pertinent information concerning the sample is generated. This and all other relevant paper work are kept with the sample throughout the analytical procedures to assure proper analysis.

Sample preparation follows a standard CARB 435 prep method. The entire sample is dried at 135-150 C and then crushed to ~3/8" gravel size using a Bico Chipmunk crusher. If the submitted sample is >1 pint, the sample was split using a 1/2" riffle splitter following ASTM Method C-702-98 to obtain a 1 pint aliquot. The entire 1 pint aliquot, or entire original sample, is then pulverized in a Bico Braun disc pulverizer calibrated to produce a nominal 200 mesh final product. If necessary, additional homogenization steps are undertaken using a 3/8" riffle splitter. Small aliquots are collected from throughout the pulverized material to create three separate microscope slide mounts containing the appropriate refractive index oil. The prepared slides are placed under a polarizing light microscope where standard mineralogical techniques are used to analyze the various materials present, including asbestos. If asbestos is identified and of less than 10% concentration by visual area estimate then an additional five sample mounts are prepared. Quantification of asbestos concentration is obtained using the standard CAL ARB Method 435 point count protocol. For samples observed to contain visible asbestos of less than 10% concentration, a point counting technique is used with 50 points counted on each of eight sample mounts for a total of 400 points. The data is then compiled into standard report format and subjected to a thorough quality assurance check before the information is released to the client.

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Sincerely Yours,

Lab Manager  
ASBESTOS TEM LABORATORIES, INC.

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With Branch Offices Located At: 1350 FREEPORT BLVD. UNIT 104, SPARKS, NV 89431



# POLARIZED LIGHT MICROSCOPY CARB 435 ANALYTICAL REPORT

Contact: Nick Brettner	Samples Submitted: 10	Report No. <b>366349</b>
Address: Cornerstone Earth Group, Inc. 1259 Oakmead Parkway Sunnyvale, CA 94085	Samples Analyzed: 10	Date Submitted: Oct-01-19
	Job Site / No. 95 South Almaden Ave, San Jose CA 95113 510-29-2	Date Reported: Oct-07-19

SAMPLE ID	POINTS COUNTED	ASBESTOS %	TYPE	LOCATION / DESCRIPTION
EB-1(0-0.5)		<0.25%	None Detected	No Asbestos Detected
Lab ID # 1206-00354-001	400 - Total Points			
EB-1(0.5-1)		<0.25%	None Detected	No Asbestos Detected
Lab ID # 1206-00354-002	400 - Total Points			
EB-1(3-3.5)		<0.25%	None Detected	No Asbestos Detected
Lab ID # 1206-00354-003	400 - Total Points			
EB-1(4.5-5)		<0.25%	None Detected	No Asbestos Detected
Lab ID # 1206-00354-004	400 - Total Points			
EB-1(9-9.5)		<0.25%	None Detected	No Asbestos Detected
Lab ID # 1206-00354-005	400 - Total Points			
EB-2(0.5-1)		<0.25%	None Detected	No Asbestos Detected
Lab ID # 1206-00354-006	400 - Total Points			
EB-2(1-1.5)		<0.25%	None Detected	No Asbestos Detected
Lab ID # 1206-00354-007	400 - Total Points			
EB-2(3-3.5)		<0.25%	None Detected	No Asbestos Detected
Lab ID # 1206-00354-008	400 - Total Points			
EB-2(5.5-6)		<0.25%	None Detected	No Asbestos Detected
Lab ID # 1206-00354-009	400 - Total Points			
EB-2(9-9.5)		<0.25%	None Detected	No Asbestos Detected
Lab ID # 1206-00354-010	400 - Total Points			

QC Reviewer *R. Mc Burt*

Analys *Jo Ann Hunter*

2025/1



# ASBESTOS TEM LABORATORIES CHAIN OF CUSTODY

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 NEVADA: 1350 Freeport Blvd. #104, Sparks, NV 89431 Phone (775) 359-3377 Fax (775) 359-2798  
 You may also email this chain of custody to [coc@asbestostemlabs.com](mailto:coc@asbestostemlabs.com) \* denotes required field

Company: Cornerstone Earth Group		Contact: * Nick Brettner		Phone: * 408-245-4600		Email: * nbrettner@cornerstoneearth.com	
Address: * 1259 Oakmead Parkway		City: * Sunnyvale		State: * CA Zip: 94085		Email: rhelm@cornerstoneearth.com	
Job Site: * 95 South Almaden Ave., San Jose CA 95113		Job #: 510-29-2		PO #:		Email: jarakaki@cornerstoneearth.com	
Reporting * <input type="checkbox"/> Email <input type="checkbox"/> Phone <input type="checkbox"/> Fax <input type="checkbox"/> Mail <input type="checkbox"/> FTP <input type="checkbox"/> Pickup <input type="checkbox"/> Billing		<input type="checkbox"/> Pre-Paid <input type="checkbox"/> On Receipt: <input type="checkbox"/> 3 <sup>rd</sup> Party		<input type="checkbox"/> 5 DAY <input type="checkbox"/> 10 DAY <input type="checkbox"/> Hold Samples		<input type="checkbox"/> After Hours: ** <input type="checkbox"/> ISO 13794 <input type="checkbox"/> see below	
Results Due: * <input type="checkbox"/> 2 HR <input type="checkbox"/> 4 HR <input type="checkbox"/> 6 HR <input type="checkbox"/> 8 HR <input type="checkbox"/> 24 HR <input type="checkbox"/> 48 HR <input type="checkbox"/> 3 DAY <input type="checkbox"/> 4 DAY <input type="checkbox"/> 5 DAY		<input type="checkbox"/> TEM AHERA <input type="checkbox"/> TEM AHERA Mod. AHERA <input type="checkbox"/> TEM EPA Yamate Level II		<input type="checkbox"/> TEM NIOSH 7402		<input type="checkbox"/> TEM EPA Qualitative <input type="checkbox"/> TEM EPA Quantitative	
Asbestos Air <input type="checkbox"/> PCM (NIOSH 7400A)		<input type="checkbox"/> TEM AHERA <input type="checkbox"/> TEM CARB Mod. AHERA		<input type="checkbox"/> PLM 1000 PC <input type="checkbox"/> PLM 400 Grav. Red.		<input type="checkbox"/> TEM EPA Qualitative <input type="checkbox"/> TEM EPA Quantitative	
Asbestos Bulk <input type="checkbox"/> PLM Standard (EPA 600/R-93-1)		<input type="checkbox"/> TEM Chatfield (Semi-Quant)		<input type="checkbox"/> PLM 400 PC <input type="checkbox"/> PLM 1000 PC		<input type="checkbox"/> EPA Soil Screening Qualitative <input type="checkbox"/> TEM EPA/CARB Quantitative	
Asbestos Soils <input type="checkbox"/> CARB 435 Prep Only		<input type="checkbox"/> PREP ONLY		<input type="checkbox"/> CARB 435 PLM 400 PC		<input type="checkbox"/> EPA Soil Screening Qualitative <input type="checkbox"/> TEM EPA/CARB Quantitative	
Asbestos Dust <input type="checkbox"/> ASTM D-5755 Fiber Count		<input type="checkbox"/> 100.1 Non Potable Water		<input type="checkbox"/> ASTM D-5756 Mass		<input type="checkbox"/> Total Particulates (Grav.)	
Asbestos Water <input type="checkbox"/> 100.2 Potable Drinking Water		<input type="checkbox"/> Lead Air Cassette		<input type="checkbox"/> Lead Soil		<input type="checkbox"/> Silica Dust Bulk by NIOSH 7500 <input type="checkbox"/> Crystalline Silica in Bulk (Single Species)	
Lead/Silica <input type="checkbox"/> Lead Paint Chips <input type="checkbox"/> Lead Dust Wipe		<input type="checkbox"/> Lead Air Cassette		<input type="checkbox"/> Lead Soil		<input type="checkbox"/> Silica Dust Bulk by NIOSH 7500 <input type="checkbox"/> Crystalline Silica in Bulk (Single Species)	
Sample Storage <input type="checkbox"/> No Test, Hold Until: _____		<input type="checkbox"/> Test AND Hold Until: _____		<input type="checkbox"/> All samples will be held for 3 months from the date of receipt at ATEM. Additional sample storage time may be obtained through ATEM Customer Service.			
Custom Order <input type="checkbox"/> Sensitivity: _____ <input type="checkbox"/> Composite <input type="checkbox"/> 8 Hour TWA <input type="checkbox"/> Special Instructions: _____		Original Login/Lot # _____		New Analysis Type: _____		TAT: _____ Special Instructions: _____	
REANALYSIS		Sample Type		Date Collected		Time On _____ Time Off _____ Total Time (min)	
Sample # *		Flow Rate (lpm)		On _____ Off _____ Average _____		Volume or Area Sampled _____ Hold Sample <input type="checkbox"/>	
EB-1 (0-0.5)		5111 896		9/28/19			
EB-1 (0.5-1)							
EB-1 (1-3.5)							
EB-1 (4-5)							
EB-1 (9-9.5)							
EB-2 (0.5-1)				9/29/19			
EB-2 (1-1.5)							
EB-2 (3-3.5)							
EB-2 (5.5-6)							
EB-2 (9-9.5)							
Submitted By * <i>John Smith</i>		Received By <i>John Smith</i>		Date/Time Received		Date/Time Received	
Date/Time Submitted * 9/30/19		Date/Time Received		Date/Time Received		Date/Time Received	
Submitted By		Received By		Date/Time Received		Date/Time Received	
Date/Time Submitted		Date/Time Received		Date/Time Received		Date/Time Received	

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