PHASE-II ENVIRONMENTAL SITE ASSESSMENT

At:

1395 E. WASHINGTON STREET
COLTON, CALIFORNIA
(APN#0276-361-21)

PREPARED FOR:

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PREPARED BY:

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August 22, 2019

TABLE OF CONTENTS

Page

FIGURES

TABLES

APPENDECIES

1.0 INTRODUCTION

This report presents the findings of a Phase-II Environmental Site Assessment **(Phase-II ESA)** performed by **Geo-Cal, Inc (GCI)** for the property located at 1395 East Washington Street, Colton, California 9224 **(Figure 1 & 2)**. This investigation has been requested by and prepared for the exclusive use of Mr. Harri Sidhu or his authorized representative(s).

The purpose of this Phase-II ESA is to characterize the subsurface environmental conditions at the site and evaluate its suitability for the proposed development as a hotel and restaurant.

The scope of the investigation included the following:

- Site Reconnaissance
- Review Site data and reports including: Prelim Title Report by Lawyers Title, Natural Hazard Disclosure Statement by myNHD, and Physical Setting Report, Historic Topographic Maps, Historic Aerial Photographs, City Directories Report, and Environment Database Report (about 90 listings) provided by ERIS.
- Review of historic building permits provided by City of Colton.
- Conduct an integrated geophysical survey.
- Drill a total of five direct push testholes, using geoprobe rig, ranging in depth between 15 and 30 feet below ground surface (bgs). Soil samples were collected at 5 foot depth intervals, and selected samples were analyzed by a state certified laboratory for certain Chemicals of Concern (COC).
- Prepare a Phase-II ESA Report.

The following sections of this report provide a description of the Site, background information, details of the methods and techniques used in conducting this investigation, field and laboratory results, assessment findings, conclusions and recommendations.

2.0 SITE LOCATION AND DESCRIPTION

The subject site property is located at the northwest corner of E. Washington Street and an the on-ramp of I-215 Freeway, at 1395 East Washington Street, Colton, California **(Figures 1 & 2)**. The property had been assigned an assessor parcel map APN#0276-361-21. It consists of approximately 1.3 acres lot with a topographic elevation of approximately 940 feet above mean sea level (amsl).

The Site consisted of an asphalt-paved parking lot containing planters and curbs, with a restaurant building on the northwestern edge of the property abutting the I-215 Freeway. The restaurant is currently closed. The building is approximately 120 feet x 35 feet in dimension.

The site is surrounded to the east by the Fiesta Village Family Fun Park, Starbucks and

commercial businesses to the southwest, Baker's restaurant, commercial businesses and Arco Station to the south and I-215 Freeway to the northwest followed by commercial developments.

3.0 GEOLOGIC AND HYDROGEOLOGIC SETTING

3.1 Geologic Setting

The site is located along the northern base of the East Riverside Mesa, an uplifted Pleistocene alluvial fan truncated by entrenchment of the Santa Ana River, and is underlain by Holocene and Pleistocene alluvial deposits. The alluvium is a heterogeneous mixture of coarse gravel, sand, and clay to a depth of about 35 feet bgs **(CDMG, 1966)**. Sediments encountered during the current investigation consisted of silty sand, sandy silty and poorly to well graded sand down to 30 feet bgs.

3.2 Hydrogeologic Setting

The Santa Ana River is located approximately 3,500 feet northwest of the Site.

The Site is situated in the eastern portion of the Colton Groundwater Basin. North of the Site is the San Jacinto Fault, which divides this Basin from the Bunker Hill Groundwater Basin to the northeast. Based on the regional topography, groundwater is anticipated to flow south-southwest **(RWQCB, 1995).** Depth to groundwater in the general area of the site is anticipated to be approximately 74 feet bgs (**Delta, 2005).**

4.0 FIELD ACTIVITIES

Field activities for this Phase-II ESA consisted primarily of underground utility clearance, geophysical survey, drilling and soil sampling of five(5) direct-push boreholes.

4.1 Underground Utility Clearance

Prior to commencement of field investigation, the Underground Service Alert (Dig Alert) was notified more than 48 hours prior to drilling in order to ensure no conflict between the planned testhole locations and any underground utilities or structures.

4.2 Geophysical Survey

A geophysical survey was performed on July 31, 2019 by GeoVision under the supervision of Geo-Cal, Inc **(GCI)**. The purpose of the geophysical survey was to investigate the accessible areas of the subject property for any possible underground storage tanks (USTs) and other subsurface infrastructures. Electromagnetic and magnetic techniques were applied at the site for the geophysical survey **(Appendix A).**

The survey used a 10-by 10-foot grid that was marked on the ground with surveyor's paint within the survey area.

The geophysical instruments used during this survey included a Geonics EM-61MK2A high frequency metal detector (EM-61), a Geonics EM-31 terrain conductivity meter (EM-31), and a Geonics G-858 magnetometer (G-858). A fisher TW-6 utility locator was also used assist in characterizing anomalies identified in the geophysical data.

Color-enhanced contour maps of the EM-61, EM-31, and magnetic data were produced using the Oasis montaj® geophysical mapping system. Details of the geophysical survey are included in GeoVision's report, dated August 14, 2019 **(Appendix A).**

4.3 Testhole Drilling and Soil Sampling

Testhole Drilling

Under the supervision of **GCI,** five (5) Geoprobe® testholes (HB1 through HB2) were advanced on August 3, 2019 at the location shown on **Figure 2**. Kehoe Testing & Engineering, Inc (KTE), a state licensed C-57 drilling contractor, drilling contractor, performed the advancement of the testholes using a truck mounted Geoprobe 6600 rig.

Boreholes HB1 and HB3 were advanced to 25 feet bgs. Boreholes HB2 and HB4 extended 15 feet bgs, while HB5 was terminated at 30 feet bgs.

Soil Sampling

Soil samples from the testholes were collected at 5 foot intervals using a percussion-driven sampler fitted with removable liners. The bottom end of the sampler was fitted with an open-end shoe to advance the sampler through the soils.

After driving the sampler into the undisturbed soils, the sampler was extracted and the liner exposed to collect the soil. Soil samples were collected at five-foot depth intervals to the total depth. The bottom 6″ sample tube was capped, labeled, logged on a Chain-of Custody form, placed in pre cooled ice chest and kept at approximately 4 degrees C^{o} during transportation to the analytical laboratory for tests.

All recovered soil samples were monitored and examined by the Field Geologist for any physical evidence of contamination and for soil logging and classification. The soils were logged and described in accordance with the unified Soil Classification System (ASTM-USCS). The general boring logs are presented in **Appendix B**.

A representative portion of the soil from each sampling interval was placed into a resealable plastic bag, allowed to equilibrate to ambient atmospheric temperature, and the headspace tested for volatile organic compounds as an indicator of fuel hydrocarbon contamination. A portable photoionization detector (PID) calibrated with 50 ppmv hexane gas was used for the headspace testing.

Additionally, the soil was inspected for visual evidence of fuel hydrocarbon and/or VOCs contamination, including staining, discoloration, or odors. The lower portion (least disturbed) of

the liner was extracted and covered on both ends with Teflon tape, and sealed at both ends with polyethylene end caps.

4.4 Equipment Decontamination

All drill pipes, percussion sampler, and other tools used to conduct the drilling and sampling were thoroughly cleaned before initial use and between sampling locations.

5.0 SAMPLE ANALYSES

Soil Sample Analysis:

A total of twelve selected soil samples were selected and tested by Asset Laboratories, a California certified Laboratory, for the following compounds:

- Gasoline, Diesel, and Oil Range Organics (GRO,DRO, and ORO) using EPA8015M
- BTEX, MTBE, other fuel oxygenates and VOCs using Method EPA8260B

6.0 SITE ASSESSMENT FINDINGS AND CONCLUSIONS

6.1 Review of Historic Building Permits

The City of Colton provided us with several historic building permits (City of Colton, 2019). Most of the copies provided were not legible. However, these old permits revealed the following:

- The building onsite was originally constructed in 1967. It included a 35’ x 120’ structure and a 40’ high sign.

  At the time, the property had a different address, 22900 Washington Street. The address was changed on 2/29/1985 to 1395 E. Washington Street.

- The data included design letter for a septic system on 11/14/1967 that consists of a 1200 gallon tank.

- The building was converted to a restaurant in 1985 with a certificate of occupancy dated 5/14/1985. The building was then connected to sewer.

6.2 Review of National Hazard Disclosure Statement (myNHD,2019)

A review of a National Hazard Disclosure Statement provided by myNHD, dated 6/28/2019 indicated the Site is not located in:

- Supplemental Flood Hazard Zone
- Fire Hazard Zone

- Earthquake Fault Hazard Zone
- Seismic Geologic Hazard Zone

It also indicates the site is located in a:

- Potential flooding in case of Dam Failure (Seven Oak Dam).
- Within one mile of commercial/industrial use zone.
- Within one mile of mining operation.
- Within one mile of Right to farm/important farm land.

6.3 Review of Prelim Title Report

A review of Prelim Title Report by Lawyers Title, dated June 20, 2019 indicated the existence of several easements for various utilities and pipelines.

6.4 Environmental Data Reports

The review included several environmental reports provided by ERIS, including Data Base Report, Historical Aerials, Fire Insurance Maps, Physical Setting Report, Topographic Maps, and City Directories for the two site addresses (1395 E. Washington St., and 22900 E. Washington St.). Briefly, the review of these documents indicated:

- The Site sets at an elevation of approximately 940 feet amsl.
- No underground storage tanks were reported to exist currently or previously at the Site.
- The Site was part of farm land or orchards prior to the mid 1950's.
- The site was vacant until mid 1960's
- The City Directory shows a listing for the Site as Winery Cellar in 1971, and as a restaurant (Siquios Food Service) post mid 1980's.
- Listed UST sites and other environmental listings within one mile radius of the subject site were either closed cases or assessed not to be of significant concern or risk to the Site at this time.

6.5 Geophysical Survey

The geophysical survey revealed the following results:

- Several anomalies by subsurface metallic objects are evident on the contour maps of the EM and magnetic data. These anomalies are labeled "SM" on the respective contour maps. They correspond to metal posts, curbs, reinforced concrete, utilities, and building infrastructure at the Site **(Figure 3 and Appendix A)**.

- Several linear anomalies were identified in the EM-61 and EM-31 data. They are interpreted to be indicative of pipelines, utilities, or other subsurface linear structures. These anomalies are labeled with red dashed lines on the respective color maps **(Appendix A)** and pink lines on **Figure 3 (or Figure 1 in Appendix A).** Lines already marked on the ground by other utility locating services are displayed in their

original color **(Figure 3)**, as blue, yellow, orange and green lines, respectively. Some of these lines, but not all, coincide with the geophysical survey delineations.

- One large negative magnetic field response was identified in the southwest corner of the Site **(Figure 4 in Appendix A).** However, this anomaly was not imaged in other data sets, indicating this anomaly was not imaged in other data sets, indicating this anomaly may be caused by an offsite source to the south (such as in the sidewalk or the street). While the source of this anomaly is unknown, its absence of response by the EM-61 or EM-31 indicates that it is not caused by a UST or similar feature within the site itself.

- Details of the geophysical survey and its conclusions can be found in **Appendix A**.

6.6 Subsurface Investigation Results

6.6.1 Soil Lithology and Groundwater Occurrence

The site is underlain by alluvium deposits, that consist predominantly of silty sand, sandy silt, and poorly to well graded sand within the maximum drilled depth of 35 feet bgs. Detailed description of the subsurface soils are presented by the boring logs in **Appendix B**. All soil samples showed non detected levels of VOCs using a Photoionization Detector (PID) for field screening.

The Site is part of the Colton Groundwater Basin. Groundwater was not encountered within the maximum drilled depth of 30 feet. Data on Geotracker indicate shallow groundwater in the Site area exists at approximate depth of 74 feet bgs. Perched groundwater zones could exist at shallower depths.

6.6.2 Soil Analytical Results

A total of Twelve (12) soil samples were analyzed for gasoline, diesel, and oil range organics (GRO, DRO, and ORO) using EPA8015M. The samples were also tested for BTEX, MTBE, other fuel oxygenates and VOCs using EPA8260B.

All tested samples showed non detected concentrations of all above Chemicals of Concern, except for very minor levels of DRO (19 mg/kg) and ORO (29 mg/kg) in sample HB1-5′ which is associated with a shallow fill material at this location.

7.0 RECOMMENDATIONS

Based on the conclusions of the various aspects of this Phase-II ESA (Field observation, Site Data Review, Geophysical Survey, Borehole Drilling, and Analysis of Soil Samples), GCI advances the following recommendation:

(1) No Further Action is recommended since no USTs were identified at the Site and no significant and or actionable levels of Chemicals of Concern were found based on field observation, VOC field screening, and the analytical results of soil samples.

(2) During planning and development stages of this project, it is recommended and considered prudent to address the following:

- ***Due to the age of the building onsite, its demolition should include the potential for the presence of asbestos containing materials (ACMs), lead based paint, and Vector.***
- ***The presence of many subsurface pipelines, and utility lines as identified by the geophysical survey and other utility locating services.***
- ***The presence of abandoned septic system(s) which cannot be ruled out.***

8.0 LIMITATIONS

The services described in this report/plan have been and will be performed in a manner that meets or exceeds the level of care and skill ordinarily exercised by the environmental profession. No other warranty or representation either expressed or implied is made.

The findings set-forth in the above report/plan are strictly limited in time and scope to date of evaluation. Results and conclusions in this report/plan are based mainly upon data obtained from separate and limited sampling locations. It should be recognized that subsurface conditions in between the sampling locations and with depth may vary, hence, it should not be construed that all possible Site conditions were identified. Variation in the area geology and/or groundwater conditions could exist beyond the points and depths explored. Changes in site conditions could occur with time due to variation in rainfall, temperature, regional water usage, and effects from neighboring sites, and/or factors not apparent at the time of the initial field investigation.

Chemical analysis may have been performed for specific parameters during the course of this site assessment. However, it should be noted that additional chemical constituents not searched for during the ongoing study may be present in soil and/or groundwater at the Site.

Geo-Cal, Inc. (GCI) bears no responsibility for providing the results of this investigation to any regulatory agency without prior authorization from the responsible party(ies). However, it is the responsibility of those RP(s) to do so.

9.0 REFRENCES

California Division of Mines and geology (CDMG), 1966, *Geologic Map of California-Santa Ana Sheet, Scale 1:250,000.*

California Regional Water Quality Control Board (RWQCB), 1995, *Water Quality Control Plan, Santa Ana River Basin*, January 25, 1995.

ERIS, *Environmental Database*, 1395 E. Washington Street, Colton, California , July 12, 2019.

———,*Fire Insurance Maps*, 1395 E. Washington Street, Colton, California , July 12, 2019.

———, *Historic Aerials*, 1395 E. Washington Street, Colton, California , July 11, 2019.

———, *Property Information*, 1395 E. Washington Street, Colton, California , July 11, 2019.

———, *City Directories*, 1395 E. Washington Street, Colton, California , July 16, 2019.

———, *Topographic Maps*, 1395 E. Washington Street, Colton, California , July 12, 2019.

GeoVision, 2019, *Geophysical Investigation at 1395 E. Washington St., Colton, CA,*, August 14, 2019.

Lawyers Title, November 06**,** *Updated and Amended Preliminary Report,1395 East Washington Street, City of Colton, California*.

myNHD , 2019, *Natural Hazard Disclosure Statement, APN#0276-361-21-0000, 1395 E. Washington Street, Colton, California*, June 28, 2019.

FIGURES

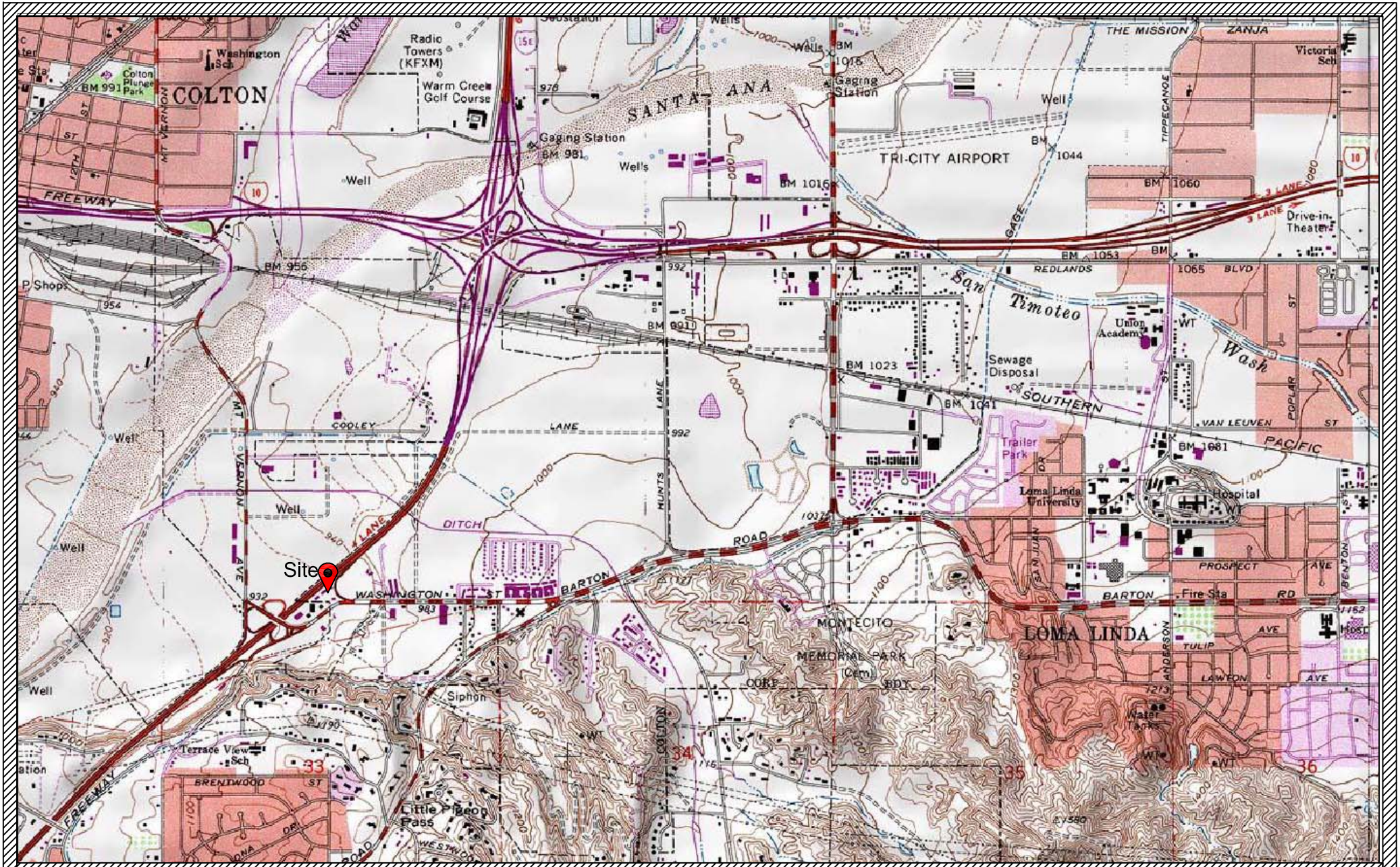

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Figure 1
Site Location Map

40654 Highway 395
Boron, CA 93516

LEGEND:

Site Location

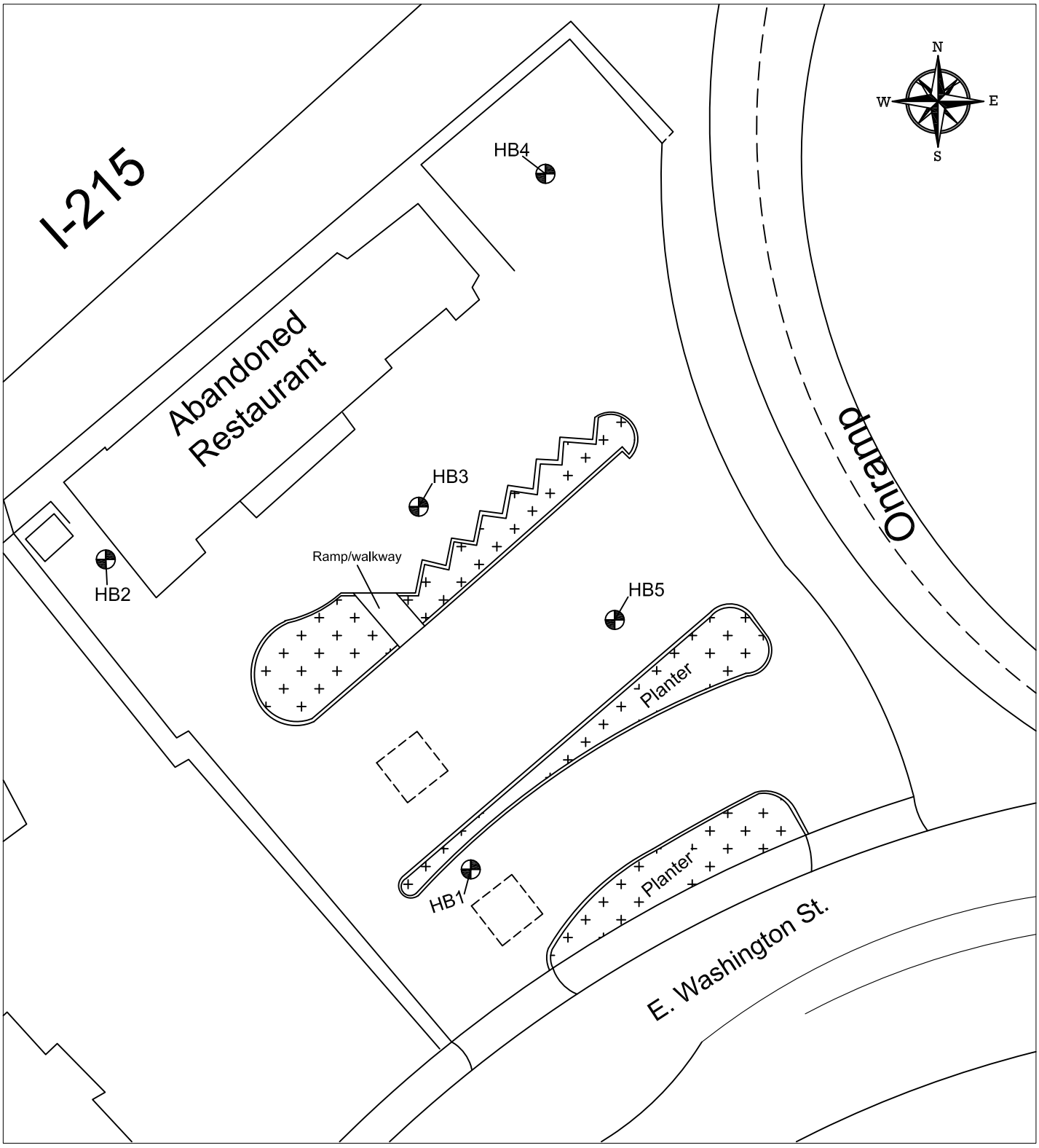

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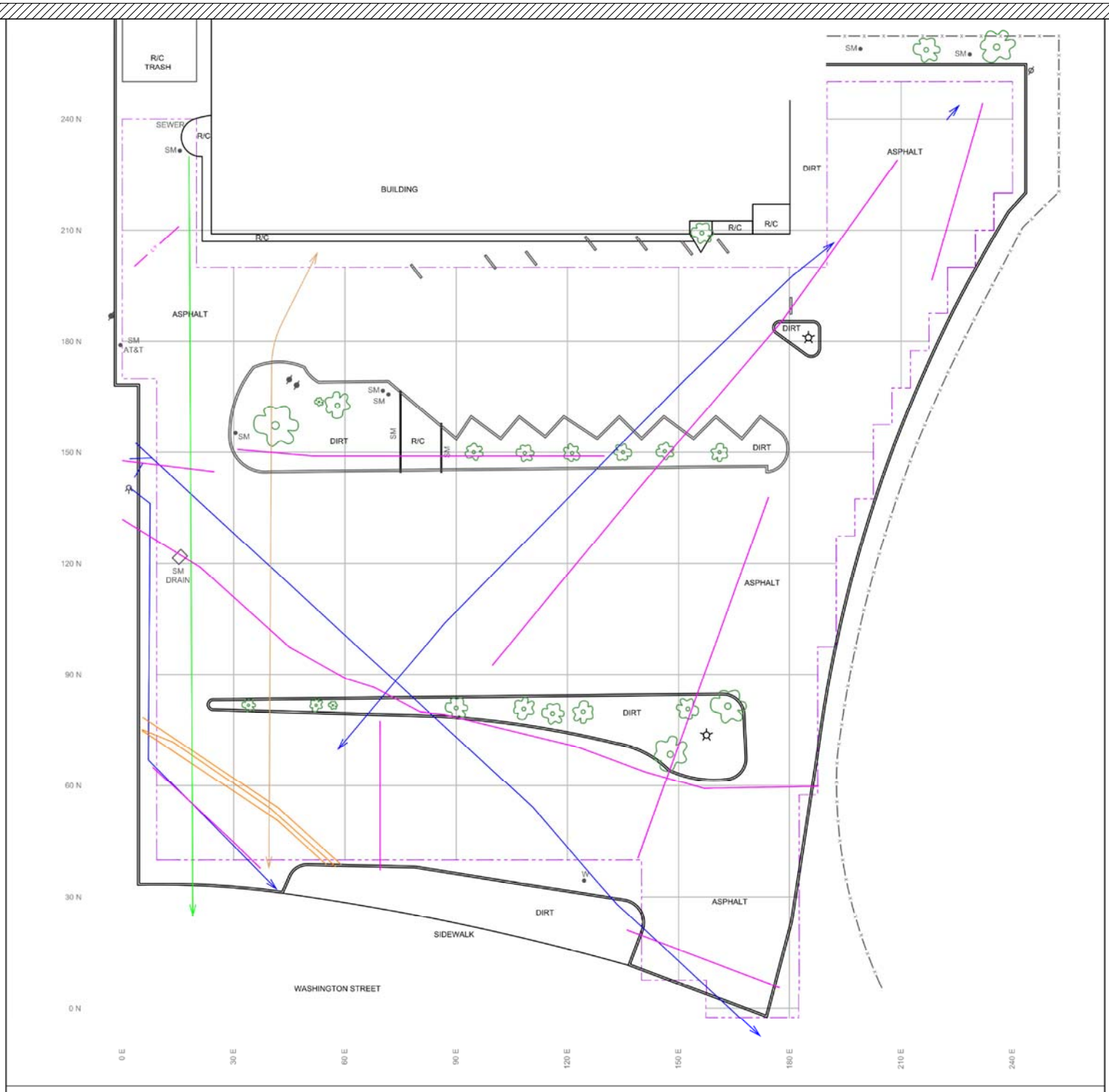
Figure 2:
Site Plan Showing Geoprobe Location

1395 E. Washington St.
Colton, CA

Legend:

- Geoprobe Location
- Underground Structure



LEGEND

RELATIVE COORDINATE SYSTEM OF GEOPHYSICAL SURVEY AREA

0 N, 0 E

BOUNDARY OF GEOPHYSICAL SURVEY AREA

REINFORCED CONCRETE CURB

CHAIN LINK FENCE

LIGHT POLE

TELEPHONE POLE

POWER POLE

FIRE HYDRANT

TREE

SM SURFACE METALLIC OBJECT / DEBRIS

SM LINEAR SURFACE METALLIC OBJECT / DEBRIS

PREVIOUSLY MARKED UTILITY LOCATION

APPROXIMATE LOCATION OF SUBSURFACE LINEAR FEATURE (QUERRIED WHERE UNCERTAIN)

0 15 30 45

(feet)

GRID NORTH

TRUE NORTH (APPROX)

By: GeoVision August 1, 2019

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Figure 3:
Site Map With Geophysical Interpretation

1395 E. Washington St.
Colton, CA

TABLES

Table 1
Summary of Soils Analytical Results
(August 19, 2019)

1395 E. Washington St.
Colton, CA

Monitoring Well	Date Sampled	EPA 8015B (mg/kg)			EPA 8260B (ug/kg)								
		GRO	DRO	ORO	Benzene	Toluene	Ethyl-benezene	Total Xylenes	MTBE	ETBE	DIPE	TAME	TBA
HB1-5'	8/3/2019	ND<1.0	19	20	ND<5	ND<5	ND<5	ND<15	ND<5	ND<5	ND<5	ND<5	ND<25
HB1-15'	8/3/2019	ND<1.0	ND<9.9	ND<9.9	ND<5	ND<5	ND<5	ND<15	ND<5	ND<5	ND<5	ND<5	ND<25
HB1-25'	8/3/2019	ND<1.0	ND<10	ND<10	ND<5	ND<5	ND<5	ND<15	ND<5	ND<5	ND<5	ND<5	ND<25
HB2-5'	8/3/2019	ND<1.0	ND<10	ND<10	ND<5	ND<5	ND<5	ND<15	ND<5	ND<5	ND<5	ND<5	ND<25
HB2-15'	8/3/2019	ND<1.0	ND<9.9	ND<9.9	ND<5	ND<5	ND<5	ND<15	ND<5	ND<5	ND<5	ND<5	ND<25
HB3-10'	8/3/2019	ND<1.0	ND<10	ND<10	ND<5	ND<5	ND<5	ND<15	ND<5	ND<5	ND<5	ND<5	ND<25
HB3-25'	8/3/2019	ND<1.0	ND<10	ND<10	ND<5	ND<5	ND<5	ND<15	ND<5	ND<5	ND<5	ND<5	ND<25
HB4-10'	8/3/2019	ND<1.0	ND<9.9	ND<9.9	ND<5	ND<5	ND<5	ND<15	ND<5	ND<5	ND<5	ND<5	ND<25
HB4-15'	8/3/2019	ND<1.0	ND<10	ND<10	ND<5	ND<5	ND<5	ND<15	ND<5	ND<5	ND<5	ND<5	ND<25
HB5-10'	8/3/2019	ND<1.0	ND<10	ND<10	ND<5	ND<5	ND<5	ND<15	ND<5	ND<5	ND<5	ND<5	ND<25
HB5-20'	8/3/2019	ND<1.0	ND<9.9	ND<9.9	ND<5	ND<5	ND<5	ND<15	ND<5	ND<5	ND<5	ND<5	ND<25
HB5-30'	8/3/2019	ND<1.0	ND<9.9	ND<9.9	ND<5	ND<5	ND<5	ND<15	ND<5	ND<5	ND<5	ND<5	ND<25

*** All other VOCs are ND: Non Detect**

mg/kg	Milligrams per kilograms	MTBE	Methyl tert-butyl ether	TAME	Tert-amyl methyl ether
ug/kg	Micrograms per kilograms	ETBE	Ethyl Tert-butyl ether	TBA	t-butanol
DIPE	Di-isopropyl ether	N/A	Not Analyzed, Due to Non-Recovery Sample		
GRO	Gasoline Range Organics	ORO	Oil Range Organics	DRO	Diesel Range Organics

ND: Non detect or below Practical Quantification Limit (PQL)

APPENDIX A:
GEOPHYSICAL REPORT

GEOVision
geophysical services

August 14, 2019

Project Number 19318

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Subject: Geophysical Investigation at 1395 E Washington St, Colton, CA

Mr. Olivier:

A geophysical survey was conducted on July 31st, 2019 at the above-mentioned property. The purpose of the geophysical survey was to investigate an approximate 200- by 200-ft area at a closed restaurant for possible underground storage tanks (USTs) and other subsurface infrastructure. The site consisted of an asphalt parking lot containing planters and curbs with the restaurant building on the northern edge. The geophysical methods applied to this investigation consisted of electromagnetic and magnetic techniques.

METHODOLOGY

The geophysical instruments used during this investigation included a Geonics EM-61Mk2A high frequency metal detector (EM-61), a Geonics EM-31 terrain conductivity meter (EM-31), and a Geometrics G-858 magnetometer (G-858). Additionally, the Fisher TW-6 utility locator was also used in an attempt to further characterize anomalies interpreted in the geophysical data.

Details on these geophysical methods can be found in the attached technical note titled "Geophysical Techniques for Shallow Environmental Investigations."

FIELD PROCEDURES

Before conducting the geophysical survey, the area was delineated by a representative of Geo-Cal. Afterwards, a 10- by 10-foot grid was marked on the ground with surveyor's paint within the survey area. The survey area boundaries consisted of the sidewalk to the south of the site, the building in the north central portion of the site, and curbed property boundaries to the east and west of the site. Obvious surface cultural features that could potentially affect the geophysical data (e.g. The building, reinforced concrete, parking stops, planters, metal light posts, utility vaults and marked utilities, and fences) were identified in the field and plotted onto a scale hand-drawn site map. This site map

showing the geophysical coordinate grid, location of the geophysical survey area, surficial features, and interpretation, is attached as Figure 1.

EM-61 measurements were made at 2.5 foot intervals along approximate south to north (S-N) survey lines spaced 5 feet apart using the 10-foot grid points for spatial control. The EM-61 data were stored in a digital data logger along with line and station number. EM-31 measurements were made at 5 foot intervals along approximate south to north (S-N) survey lines spaced 5 feet apart using the 10-foot grid points for spatial control. The EM-31 data were stored in a digital data logger along with line and station number. EM-61 and EM-31 data were downloaded to a laptop computer upon completion of the survey.

Measurements of the earth's total magnetic field intensity and vertical gradient data were made with the G-858 at 0.2-second intervals as the operator walked along approximate south to north (S-N) survey lines nominally spaced 5 feet apart. A marker was inserted in the data as the operator crossed a 5 ft grid mark. The 0.2-second sampling interval resulted in an average station spacing of about 0.5 feet. The magnetic data were stored in the internal memory of the magnetometer along with fiducial marker. Magnetic data were downloaded to a laptop computer at the end of the magnetic survey.

The Fisher utility locator was used, as needed, to investigate anomalies in the geophysical data sets. Any anomalies located in this fashion were marked with red surveyors paint in the field.

DATA PROCESSING

Color-enhanced contour maps of the EM-61, EM-31, and magnetic data were generated using the Oasis montaj® geophysical mapping system. Prior to contour map generation, a number of preprocessing steps were completed and included:

- Backup of all original field data files.
- Correcting of all data acquisition errors (typically only deleting the first portion of a reacquired line, renaming lines incorrectly labeled, deleting additional readings outside the grid, etc.).
- Reformatting field data files to free format XYZ files containing line number, station, time (if applicable) and field measurements.
- Applying small adjustments to EM-61 and/or EM-31 station locations to compensate for data being recorded while the operator was walking.
- Merging of multiple data files into a single file and sorting, if necessary.

These data adjustments were made using a combination of commercial and in-house software. All adjustments made to data files and resulting file names were documented and are retained in project files.

The output of the data preprocessing were data files containing line and station number and the geophysical measurements. These data files were imported into the Oasis montaj® mapping system and the following data processing steps applied:

- Reformatting of data files to Oasis montaj® format.
- Generating final map scale.
- Gridding data using a 1- to 2.5 foot cell size.
- Masking grid in areas where data were not acquired (i.e. around site perimeter).
- Applying a Hanning filter to smooth the data, if necessary.
- Generating color zone file describing color for different data ranges.
- Contouring the data.
- Generating map surrounds (title block, legend, scale, color bar, north arrow, etc.).
- Annotating anomalies.
- Merging various plot files and plotting final map.

The names of the files generated and the processing parameters used were documented and are retained in project files. All files generated during the processing sequence were archived on a backup drive.

RESULTS

Color-enhanced contour maps of the EM-61Mk2A channel 3 response, the EM-31 conductivity response, and the magnetic total field response are presented as Figures 2, 3, 4, and 4, respectively. Color-enhanced contour maps of the EM-31 In-phase response, the EM-61Mk2A differential response, and the magnetic vertical gradient response were also generated. These maps are not presented as they did not reveal additional information. The coordinates shown on the contour maps in Figures 2 through 4 reference the local grid system painted on the ground and plotted on the site map in Figure 1. The color bar indicates the amplitude of the measured quantity with magenta and cyan indicating high and low amplitudes, respectively. Light orange, yellow, and light green indicate average "background" values of the measured quantity.

Several anomalies caused by surface metallic objects are evident on the contour maps of the EM and magnetic data. These anomalies are labeled “SM” on the respective contour maps. These anomalies correspond to metal posts, curbs, reinforced concrete, utilities, and building infrastructure at the site (Figure 1)

There are several linear anomalies imaged in the EM-61 and EM-31 data that are interpreted to be related to pipelines, utilities, or other subsurface linear structures (Figures 2 and 3). These anomalies are labeled with red dashed lines on the respective color contour maps and pink lines on Figure 1. Lines already marked on the ground by other utility locating services are displayed in their original colors on Figure 1, as blue, yellow, orange, and green lines, respectively. Some of these lines coincide with our geophysical interpretation.

There is one large negative magnetic field response in the southwest corner of the site (Figure 4). This anomaly was not imaged in the other data sets, indicating the source of this anomaly may be located off the site boundary to the south (such as in the sidewalk or the street). The source of this anomaly is unknown but the absence of an EM-61 or EM-31 response indicates that it is not caused by a UST or similar feature within the site.

There are no anomalies in the data that are interpreted as being caused by a typical steel UST.

The geophysical survey was designed to locate all metallic objects the size of a 500-gallon tank or larger. It is our opinion that the geophysical survey was appropriately designed to locate all such objects less than about 8 feet deep; except in portions of the survey area where data were affected by subsurface utilities, reinforced concrete, or surface structures, such as metallic debris, and other large surface metallic objects.

If you have any questions concerning this investigation, please call us at 951-549-1234.

Sincerely,

Prepared by

Emily Feldman
Project Geophysicist
GEO*Vision* Geophysical Services

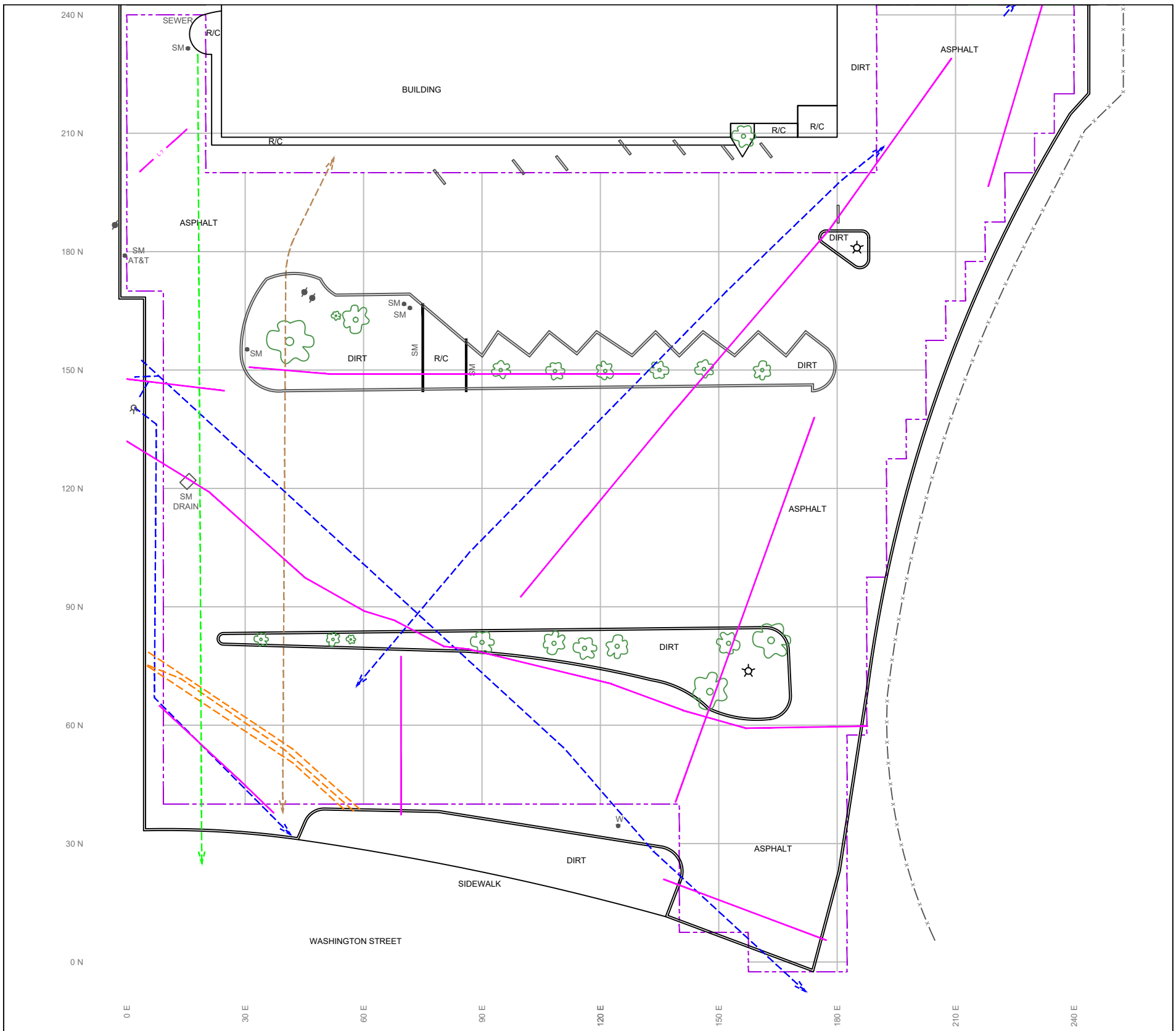
Approved by

PROFESSIONAL GEOPHYSICIST ANTONY JEFFREY MARTIN GP 989 STATE OF CALIFORNIA

Antony Martin, P.Gp.
Technical Director
GEO*Vision* Geophysical Services

Attachments:
Figure 1 – Site Map with Geophysical Interpretation
Figure 2 – Color Contour Map of the EM-61Mk2A Channel 3 Response
Figure 3 – Color Contour Map of the EM-31 Conductivity Response
Figure 4 – Color Contour Map of the G858 Total Magnetic Field Response

Technical Note – Geophysical Techniques for Shallow Environmental Investigations



LEGEND

0 N, 0 E	RELATIVE COORDINATE SYSTEM OF GEOPHYSICAL SURVEY AREA
	BOUNDARY OF GEOPHYSICAL SURVEY AREA
	REINFORCED CONCRETE CURB
	CHAIN LINK FENCE
	LIGHT POLE
	TELEPHONE POLE
	POWER POLE
	FIRE HYDRANT
	TREE
SM	SURFACE METALLIC OBJECT / DEBRIS
SM	LINEAR SURFACE METALLIC OBJECT / DEBRIS
	PREVIOUSLY MARKED UTILITY LOCATION
	APPROXIMATE LOCATION OF SUBSURFACE LINEAR FEATURE (QUERRIED WHERE UNCERTAIN)

0 15 30 45
(feet)

GRID NORTH

TRUE NORTH (APPROX.)

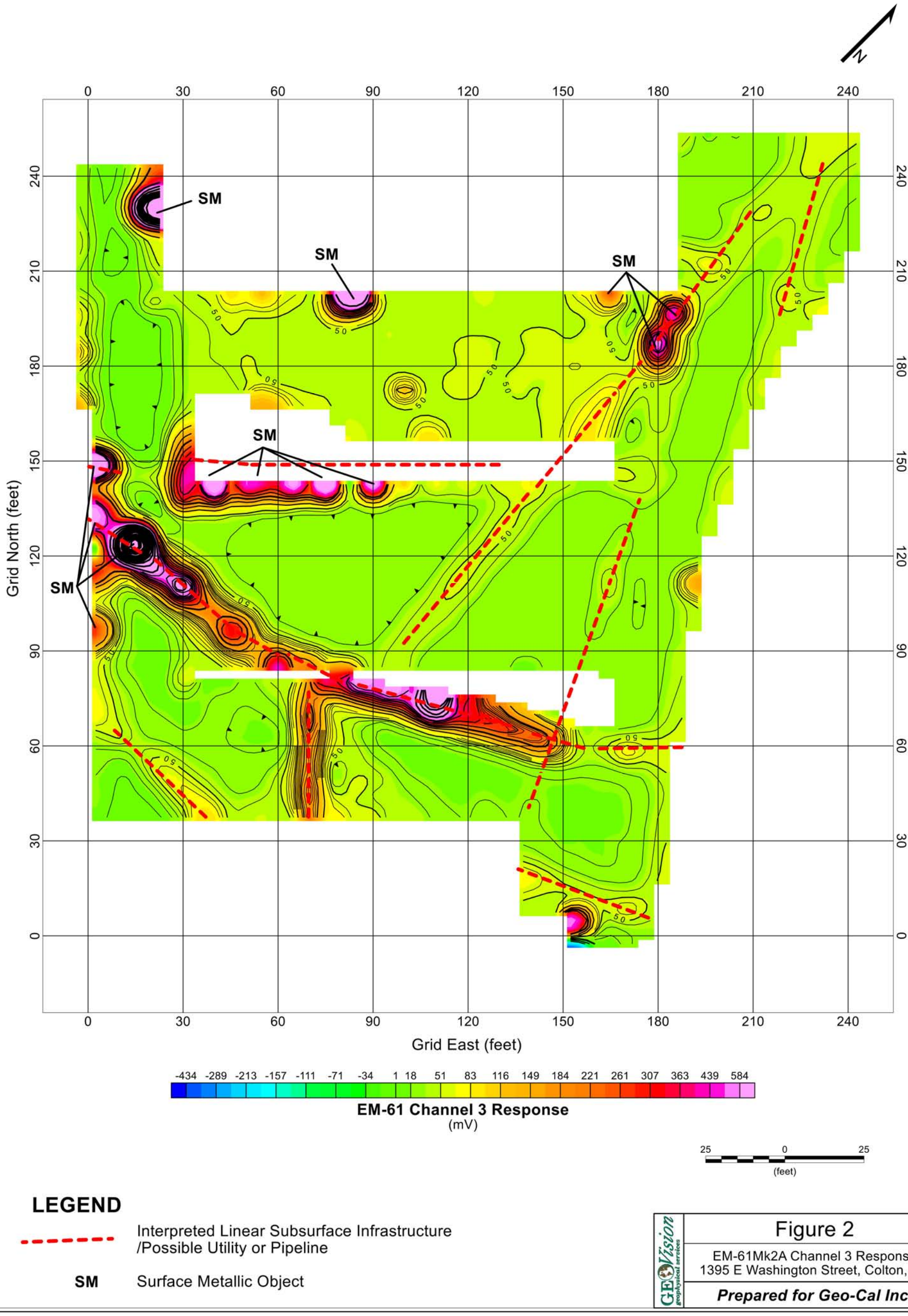
GEOVision geophysical services

Project No.	19318
Date	Aug 14, 2019
Developed by	E Feldman
Drawn by	T Rodriguez
Approved by	A Martin
File	Q:\19300-19399\19318\GV_19318_1.dwg

FIGURE 1
SITE MAP WITH GEOPHYSICAL INTERPRETATION

PROPERTY LOCATED AT
1395 E WASHINGTON STREET
COLTON, CALIFORNIA

PREPARED FOR
GEO-CAL, INC.

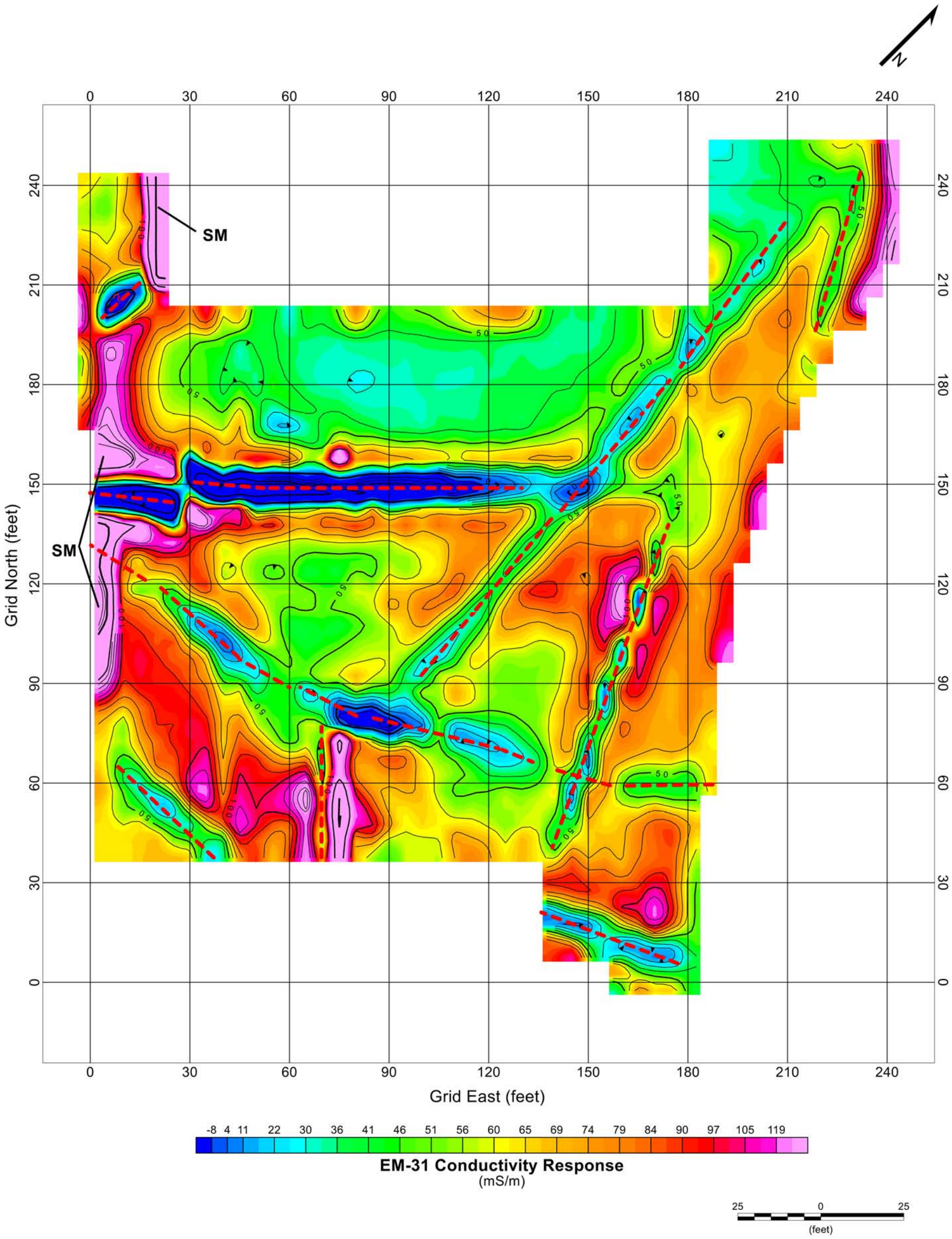


LEGEND

Interpreted Linear Subsurface Infrastructure /Possible Utility or Pipeline

SM Surface Metallic Object

GEOVision geophysical services	Figure 2
	EM-61Mk2A Channel 3 Response 1395 E Washington Street, Colton, CA
	Prepared for Geo-Cal Inc.



LEGEND

Interpreted Linear Subsurface Infrastructure /Possible Utility or Pipeline

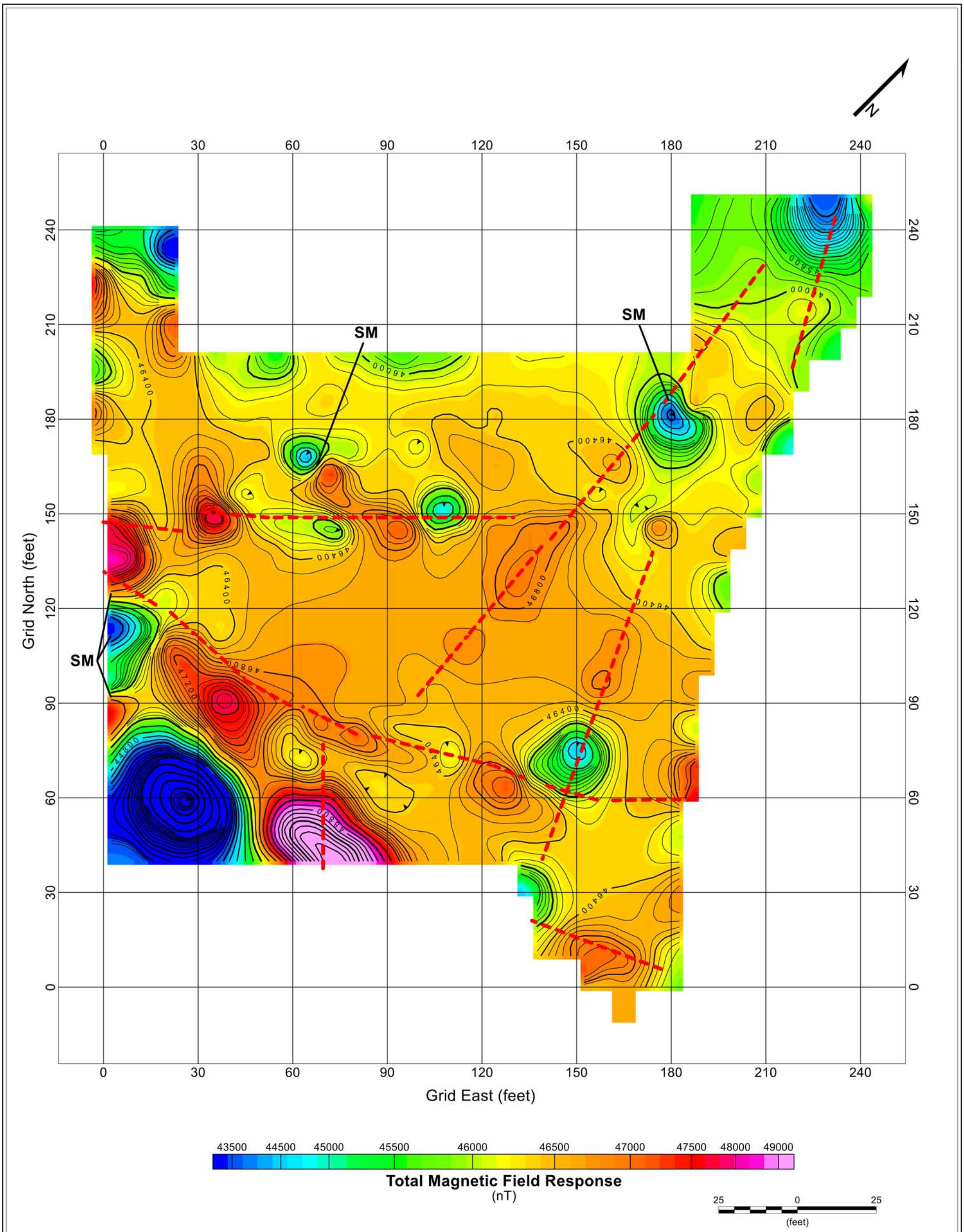
SM Surface Metallic Object

GEOVision geophysical services

Figure 3

EM-31 Conductivity Response
1395 E Washington St, Colton, CA

Prepared for Geo-Cal Inc.



LEGEND

Interpreted Linear Subsurface Infrastructure/
Possible Utility or Pipeline

SM — Surface Metallic Object

GEOVision geophysical services

Figure 4

G858 Total Magnetic Field Response
1395 E Washington St, Colton, CA

Prepared for Geo-Cal Inc.

GEOPHYSICAL TECHNIQUES FOR SHALLOW ENVIRONMENTAL INVESTIGATIONS

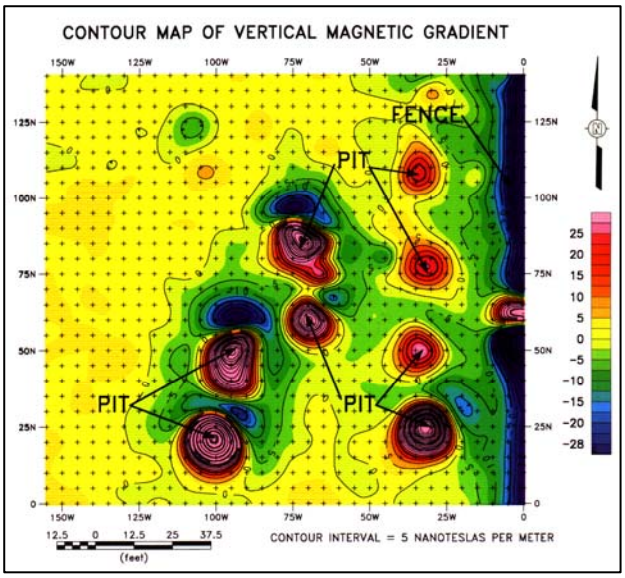
GEOVision geophysical services

MAGNETIC METHOD

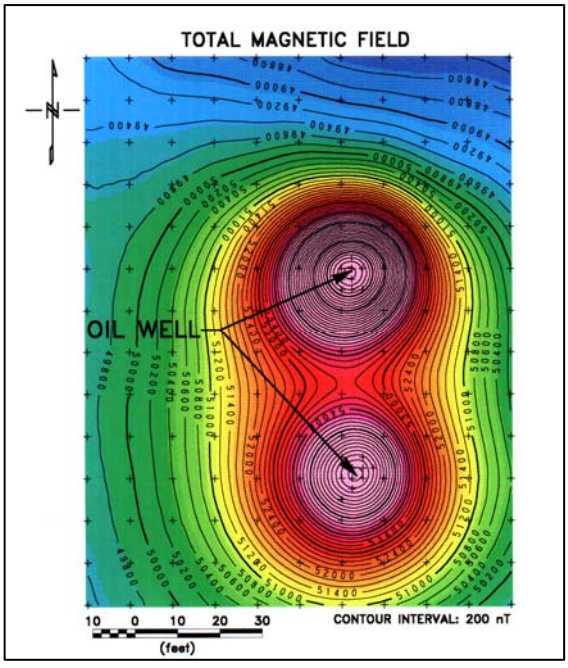
The magnetic method generally involves the measurement of the earth's magnetic field intensity or vertical gradient of the earth's magnetic field. Anomalies in the earth's magnetic field are caused by induced or remanent magnetism. Induced magnetic anomalies are the result of secondary magnetization induced in a ferrous body by the earth's magnetic field. The shape and amplitude of an induced magnetic anomaly is a function of the orientation, geometry, size, depth, and magnetic susceptibility of the body as well as the intensity and inclination of the earth's magnetic field in the survey area. The magnetic method is an effective way to search for small metallic objects, such as buried ordnance and drums, because magnetic anomalies have spatial dimensions much larger than those of the objects themselves. Typically, a single buried drum can be detected to a depth of about 10 feet. Larger metallic objects can often be located to greater depths. Induced magnetic anomalies over buried objects such as drums, pipes, tanks, and buried metallic debris generally exhibit an asymmetrical, south up/north down signature (positive response south of the object and negative response to the north).

Geometrics G858 Cesium Magnetic Gradiometer

Magnetic data is typically acquired along a grid with results being presented as color-enhanced contour maps generated by the Geosoft™ Mapping System or OASIS montaj. The approximate location and depth of magnetic objects can be calculated using the Geosoft™ UXO System.



Magnetic Survey to Locate Pits Containing Buried Metallic Containers



Magnetic Survey to Locate Abandoned Oil Wells

Magnetic surveys are typically conducted to:

- Locate abandoned steel well casings
- Locate buried tanks and pipes
- Locate pits and trenches containing buried metallic debris
- Detect buried unexploded ordnance (UXO)
- Map old waste sites and landfill boundaries
- Clear drilling locations
- Map basement faults and geology
- Investigate archaeological sites

1124 Olympic Drive, Corona, California 92881, ph. 951-549-1234, fx. 951-549-123 www.geovision.com

ELECTROMAGNETIC METHODS

Electromagnetic (EM) methods typically applied to shallow environmental investigations include frequency domain EM methods, such as EM induction and EM utility location methods, time domain electromagnetic (TDEM) metal detection methods, and ground penetrating radar (GPR) methods.

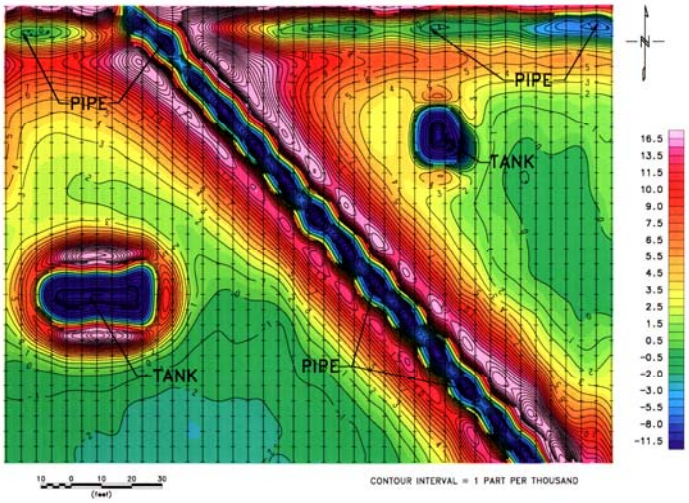
EM Induction Method

EM induction surveys are often conducted using the Geonics EM-31 terrain conductivity meter (EM-31). The EM-31 consists of a transmitter coil mounted at one end and a receiver coil mounted at the other end of a 3.7-meter long plastic boom. Electrical conductivity and in-phase component field strength are measured and stored along with line and station numbers in a digital data logger. In-phase component measurements generally only respond to buried metallic objects; whereas conductivity measurements also respond to conductivity variations caused by changes in soil type, moisture or salinity and the presence of nonmetallic bulk wastes. The EM-31 must pass over or immediately adjacent to a buried metallic object to detect it. Typical EM-31 anomalies over small, buried metallic objects consist of a negative response centered over the object and a lower amplitude positive response to the sides of the object. When the instrument boom is oriented parallel to long, linear conductors such as pipelines a strong positive response is observed. The EM-31 can explore to depths of about 6 meters, but is most sensitive to materials about 1 meter below ground surface. Single buried drums can typically be detected to depths of about 5 feet.

Geonics EM-31 Terrain Conductivity Meter

EM-31 surveys are typically conducted to:

- Locate buried tanks and pipes
- Locate pits and trenches containing metallic and/or nonmetallic debris
- Delineate landfill boundaries
- Delineate oil production sumps and mud pits
- Map conductive soil and groundwater contamination
- Map soil salinity in agricultural areas
- Characterize shallow subsurface hydrogeology
  - Map buried channel deposits
  - Locate sand and gravel deposits
  - Locate conductive fault and fracture zones



Geonics EM-31 Survey to Locate Underground Storage Tanks

EM Utility Location Methods

EM utility locators; such as the Metrotech 810, Metrotech 9890 and Radiodetection RD400, are designed to accurately trace metallic pipes and utility cables and clear drilling/excavation locations. These utility locators consist of a separate transmitter and a receiver. The transmitter emits a radio frequency EM field that induces secondary fields in nearby metallic pipes and cables. The receiver detects these fields and is used to accurately locate and trace the pipes, often to distances over 200 feet from the transmitter. Many of the utility locators have a passive 60Hz mode to locate live electrical lines. Modern utility locators are also capable of providing rough depth estimates of the pipes.

Metrotech EM Utility Locator

1124 Olympic Drive, Corona, California 92881, ph. 951-549-1234 fx. 951-549-123 www.geovision.com

TDEM Metal Detection Methods

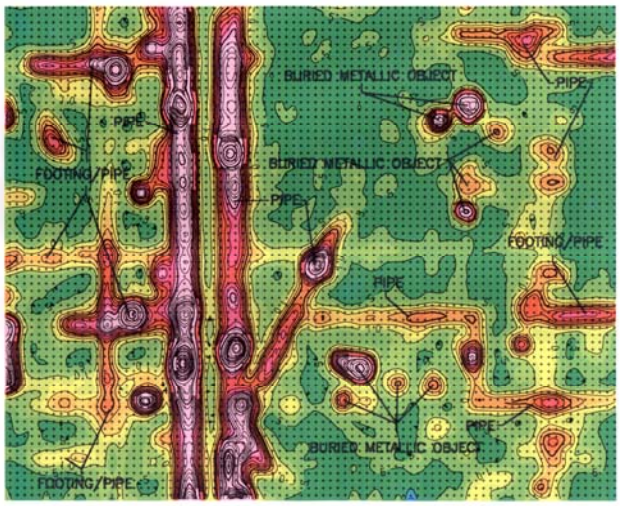
A Geonics EM-61 (EM-61) is a high sensitivity, time-domain, digital metal detector which is often used to detect both ferrous and non-ferrous metallic objects. It is designed specifically to locate buried metallic objects such as drums, tanks, pipes, UXO, and metallic debris and to be relatively insensitive to above ground structures such as fences, buildings, and vehicles.

Geonics EM-61 Digital Metal Detector

The EM-61 consists of two square, 1-meter coils, one mounted over the other and arranged on a hand-towed cart. The bottom coil acts as both a transmitter and receiver while the top coil is a receiver only. While transmitting the bottom coil generates a pulsed primary magnetic field, which induces eddy currents into nearby metallic objects. When the transmitter is in its off cycle both coils measure the decay of these eddy currents in millivolts (mV) with the results being stored in a digital data logger along with position information. The decay of the eddy currents is proportional to the size and depth of the metallic target. A symmetrical positive anomaly is recorded over metallic objects with the peak centered over the object.

The signal from the top coil is amplified in such a way that both coils record effectively the same response for a metallic object on the surface and the top coil records a larger response for buried metallic objects. The response of near surface objects can, therefore, be suppressed by subtracting the lower coil response from the upper coil response (differential response).

In practice, the usable depth of investigation of the EM-61 depends on the size and shape of the object and the amount of above ground interference encountered at the site. A single buried drum can often be detected at a depth of about 10 feet.



Geonics EM-61 Survey to Map Subsurface Infrastructure

GPR Methods

Ground-penetrating radar (GPR) is a high-frequency electro-magnetic method commonly applied to a number of engineering and environmental problems.

GSSI SIR-10A GPR Unit

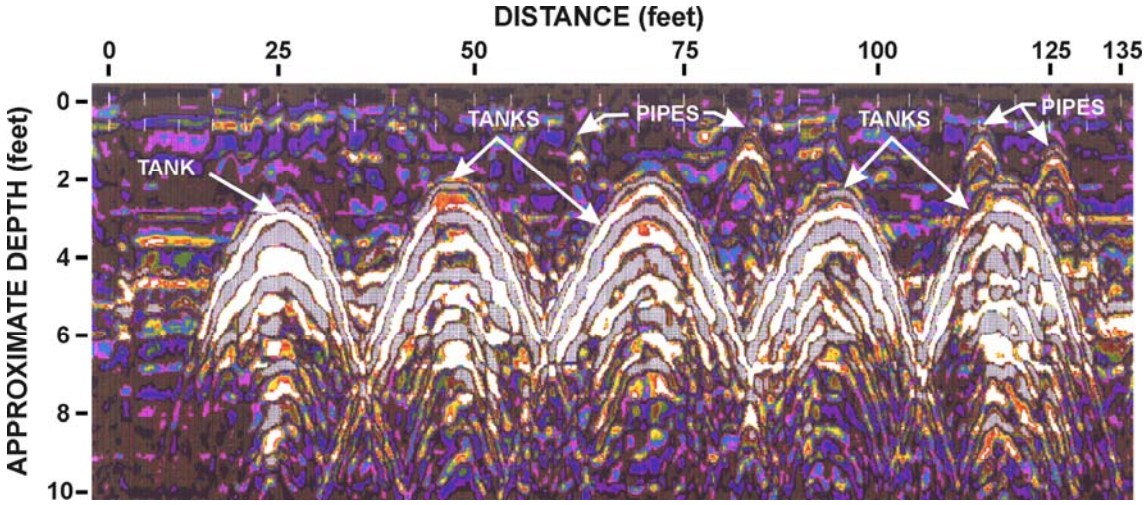
A GPR system radiates short pulses of high-frequency EM energy into the ground from a transmitting antenna. This EM wave propagates into the ground at a velocity that is primarily a function of the relative dielectric permittivity of subsurface materials. When this wave encounters the interface of two materials having different dielectric properties, a portion of the energy is reflected back to the surface, where it is detected by a receiver antenna and transmitted to a control unit for processing and display.

Depth penetration is a function of antenna frequency and the electrical conductivity of the soils in the survey area. Lower frequency antennas achieve greater depth penetration than higher frequency antennas, but have poorer spatial resolution. Conductive soils, such as clays, attenuate the radar waves much more rapidly than resistive dry sand and rock. In many environments in California, depth penetration of 500 and 300 MHz antennas is limited to 3 to 5 feet. Depth penetration may be greater if shallow soils consist of clean sands and less if shallow soils consist of clay.

GPR surveys are typically conducted to:

- Locate and delineate underground storage tanks (metallic and non-metallic)
- Locate metallic and nonmetallic pipes and utility cables
- Map rebar in concrete structures
- Map landfill boundaries
- Delineate pits and trenches containing metallic and nonmetallic debris
- Delineate leach fields and industrial cribs
- Delineate previously excavated and backfilled areas
- Map shallow groundwater tables
- Map shallow soil stratigraphy
- Map shallow bedrock topography
- Map shallow subsurface voids and cavities
- Characterize archaeological sites

Geophysical Survey Systems Inc. (GSSI) SIR-2 or SIR-10 GPR systems with antennas in the frequency range of 50 to 1,000 MHz are often used during GPR investigations. Mala Geoscience and Sensors and Software, Ltd also manufacture GPR systems. GPR data is processed using a variety of software including the RADAN™ or GRADIX software packages by GSSI and Interpex Ltd., respectively.



GPR Survey to Locate Underground Storage Tanks

APPENDIX B:
BORING LOGS

Geo-Cal, inc.
Environmental & Geotechnical Engineering
4370 Hallmark Parkway, Suite 101
San Bernardino, CA 92407

LOG OF BORING HB1

Project:
1395 E. Washington St.
Colton, CA

Drilled By:	: Kehoe Testing & Engineering	Total Depth:	25 Ft.
DrillMethod:	: Geoprobe		
Date:	: 8/3/2019		
Hole Size:	: 2"		
Geologist:	: Henry Olivier,**P.G**		

Sample Condition: Remoulded; Undisturbed; Not Recovered; Rock Core

Water Levels: During Drilling; After Completion

G.W : Not Encountered

Depth in feet	Sample ID	PID (PPM)	Blow Count (Blw./Ft)	Sample	GRAPHIC	DESCRIPTION
0						
5	HB1-5'	0	N/A			**FILL: SILTY SAND(SM), fined grained, medium dense, grayish brown, dry, w/some stains, no odor.**
10	HB1-10'	0				**SILT(ML), with some fine sand, medium dense, grayish brown, dry, no odor or stains.**
15	HB1-15'	0				**SILTY SAND (SM), fine grained, medium dense, brown, dry, no odor or stains.**
20	HB1-20'	0				**SAND(SP), fine-medium, dense, light brown, dry, no odor or stains.**
25						

(CONT.)

Geo-Cal, inc.
Environmental & Geotechnical Engineering
4370 Hallmark Parkway, Suite 101
San Bernardino, CA 92407

LOG OF BORING HB1

Project:

1395 E. Washington St.
Colton, CA

Drilled By:	: Kehoe Testing & Engineering	Total Depth:	25 Ft.
DrillMethod:	: Geoprobe		
Date:	: 8/3/2019		
Hole Size:	: 2"		
Geologist:	: Henry Olivier,**P.G**		

Sample Condition
- Remoulded
- Undisturbed
- Not Recovered
- Rock Core

Water Levels
- During Drilling
- After Completion

G.W : Not Encountered

Depth in feet	Sample ID	PID (PPM)	Blow Count (Blw./Ft)	Sample	GRAPHIC	DESCRIPTION
25	HB1-25'	0				**SAND (SW), well graded, dense, changes at the bottom to SILTY CLAY (CL), light brown, wet, medium plasticity, no odor or stains.**
30						
35						
40						
45						
50						

Geo-Cal, inc.
Environmental & Geotechnical Engineering
4370 Hallmark Parkway, Suite 101
San Bernardino, CA 92407

LOG OF BORING HB2

Project:
1395 E. Washington St.
Colton, CA

Drilled By: : Kehoe Testing & Engineering
DrillMethod: : Geoprobe
Date: : 8/3/2019
Hole Size: : 2"
Geologist: : Henry Olivier,**P.G**
Total Depth: 15 Ft.

Sample Condition: Remoulded; Undisturbed; Not Recovered; Rock Core

Water Levels: During Drilling; After Completion
G.W : Not Encountered

Depth in feet	Sample ID	PID (PPM)	Blow Count (Blw./Ft)	Sample	GRAPHIC	DESCRIPTION
5	HB2-5'	0	N/A			**SANDY SILT (SM), soft, brown, slightly moist, no odor or stains**
10	HB2-10'	0				**SANDY SILT (SM), soft, brown, slightly moist, no odor or stains**
15	HB2-15'	0				**SAND (SP), fine to medium grained, dense, light brown, dry, no odor or stains.**
20						
25						

Geo-Cal, inc.
Environmental & Geotechnical Engineering
4370 Hallmark Parkway, Suite 101
San Bernardino, CA 92407

LOG OF BORING HB3

Project:
1395 E. Washington St.
Colton, CA

Drilled By:	: Kehoe Testing & Engineering	Total Depth:	25 Ft.
DrillMethod:	: Geoprobe		
Date:	: 8/3/2019		
Hole Size:	: 2"		
Geologist:	: Henry Olivier,**P.G**		

Sample Condition: Remoulded; Undisturbed; Not Recovered; Rock Core

Water Levels: During Drilling; After Completion

G.W : Not Encountered

Depth in feet	Sample ID	PID (PPM)	Blow Count (Blw./Ft)	Sample	GRAPHIC	DESCRIPTION
0						
5	HB3-5'	0				**SANDY SILT (SM), soft, brown, slightly moist, no odor or stains**
10	HB3-10'	0				**SANDY SILT (SM), soft, brown, slightly moist, no odor or stains**
15				**Poor Recovery, No Sample.**		**SAND (SW), well graded, medium dense, brown, dry, no odor or stains**
20	HB3-20'	0				**SILTY SAND (SM), fine grained, dense, brown, dry, no odor, or stains.**
25						

(CONT.)

Geo-Cal, inc.
Environmental & Geotechnical Engineering
4370 Hallmark Parkway, Suite 101
San Bernardino, CA 92407

LOG OF BORING HB3

Project:

1395 E. Washington St.
Colton, CA

Drilled By:	: Kehoe Testing & Engineering	Total Depth:	25 Ft.
DrillMethod:	: Geoprobe		
Date:	: 8/3/2019		
Hole Size:	: 2"		
Geologist:	: Henry Olivier,**P.G**		

Sample Condition
- Remoulded
- Undisturbed
- Not Recovered
- Rock Core

Water Levels
- During Drilling
- After Completion

G.W : Not Encountered

Depth in feet	Sample ID	PID (PPM)	Blow Count (Blw./Ft)	Sample	GRAPHIC	DESCRIPTION
25	HB3-25'	0				**SANDY SILT (ML), firm, moist, no odor or stains**
30						
35						
40						
45						
50						

Geo-Cal, inc.
Environmental & Geotechnical Engineering
4370 Hallmark Parkway, Suite 101
San Bernardino, CA 92407

LOG OF BORING HB4

Project:
1395 E. Washington St.
Colton, CA

Drilled By: : Kehoe Testing & Engineering
DrillMethod: : Geoprobe
Date: : 8/3/2019
Hole Size: : 2"
Geologist: : Henry Olivier,**P.G**
Total Depth: 15 Ft.

Sample Condition
- Remoulded
- Undisturbed
- Not Recovered
- Rock Core

Water Levels
- During Drilling
- After Completion

G.W : Not Encountered

Depth in feet	Sample ID	PID (PPM)	Blow Count (Blw./Ft)	Sample	GRAPHIC	DESCRIPTION
0						
5	HB4-5'	0				**SILTY SAND (SM), fine grained, medium dense, brown, dry, no odor or stains**
10	HB4-10'	0				**SANDY SILT (ML), firm, light brown, dry, no odor or stain.**
15	HB4-15'	0				**SILT(ML), firm, grayish brown, dry, no odor or stains.**
20						
25						

Geo-Cal, inc.
Environmental & Geotechnical Engineering
4370 Hallmark Parkway, Suite 101
San Bernardino, CA 92407

LOG OF BORING HB5

Project:
1395 E. Washington St.
Colton, CA

Drilled By: : Kehoe Testing & Engineering
DrillMethod: : Geoprobe
Date: : 8/3/2019
Hole Size: : 2"
Geologist: : Henry Olivier,**P.G**
Total Depth: 30 Ft.

Sample Condition: Remoulded; Undisturbed; Not Recovered; Rock Core

Water Levels: During Drilling; After Completion
G.W : Not Encountered

Depth in feet	Sample ID	PID (PPM)	Blow Count (Blw./Ft)	Sample	GRAPHIC	DESCRIPTION
0						
5	HB5-5'	0				**SILTY SAND (SM), fine grained, medium dense, brown, dry, no odor or stains.**
10	HB5-10'	0				**SILTY SAND (SM), fine grained, medium dense, brown, dry, no odor or stains.**
15	HB5-15'					**SAND (SP), fine to medium, dense, brown, dry, no odor or stains**
20	HB5-20'	0				**SAND(SP), fine to medium, dense, brown, dry, no odor or stains, silty at the bottom.**
25						

(CONT.)

Geo-Cal, inc.
Environmental & Geotechnical Engineering
4370 Hallmark Parkway, Suite 101
San Bernardino, CA 92407

LOG OF BORING HB5

Project:

1395 E. Washington St.
Colton, CA

Drilled By:	: Kehoe Testing & Engineering	Total Depth:	30 Ft..
DrillMethod:	: Geoprobe		
Date:	: 8/3/2019		
Hole Size:	: 2"		
Geologist:	: Henry Olivier,**P.G**		

Sample Condition
- Remoulded
- Undisturbed
- Not Recovered
- Rock Core

Water Levels
- During Drilling
- After Completion

G.W : Not Encountered

Depth in feet	Sample ID	PID (PPM)	Blow Count (Blw./Ft)	Sample	GRAPHIC	DESCRIPTION
25	HB5-25'	0				**SAND(SP), fine grained, with Silt interlayers, slightly moist, no odor or stains.**
30	HB5-30'	0				**SAND (SW), well graded, dense, brown, furrugenous, dry, no odor or stains.**
35						
40						
45						
50						

APPENDIX C:
LABORATORY ANALYTICAL RESULTS

August 21, 2019

Henry Olivier
Geo-Cal, Inc.
4370 Hallmark Parkway, Suite 101
San Bernardino, CA 92407

TEL: (909) 880-1146
FAX: (909) 880-1557

Workorder No.: N036834

RE: 1395 E. Washington St. Colton, CA 92324

Attention: Henry Olivier

Enclosed are the results for sample(s) received on August 05, 2019 by ASSET Laboratories. The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

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

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

Please feel free to call me at (562) 219-7435 if we can be of further assistance to your company.

Sincerely,

for

Andrew Garaniel
Laboratory Director

CASE NARRATIVE

SAMPLE RECEIVING/GENERAL COMMENTS:

All sample containers were received intact with proper chain of custody documentation.

Information on sample receipt conditions including discrepancies can be found in attached Sample Receipt Checklist Form.

Cooler temperature and sample preservation were verified upon receipt of samples if applicable.

Samples were analyzed within method holding time.

Analytical Comments For EPA 8015_DRO/ORO:

Matrix Spike Duplicate (MSD) are outside recovery criteria possibly due to matrix interference. The associated Laboratory Control Sample (LCS) recovery was acceptable.

RPD for Matrix Spike (MS)/Matrix Spike Duplicate (MSD) is outside criteria possibly due to non-homogeneity of sample; however, the analytical batch was validated by the Laboratory Control Sample (LCS).

Analytical Comments For EPA 8260B:

Laboratory Control Sample (LCS) recovery biased high for Dichlorodifluoromethane on batch CA19VS137. Sample results were non-detect (ND) for this analyte therefore reanalysis of the samples were not necessary.

RPD for Laboratory Control Sample (LCS)/Laboratory Control Sample Duplicate (LCSD) is outside criteria for some analytes on batches CA19VS137 and CA19VS139. Analyte recovery on both met acceptance criteria.

ASSET Laboratories

Date: *21-Aug-19*

CLIENT: Geo-Cal, Inc.
Project: 1395 E. Washington St. Colton, CA 92324
Lab Order: N036834
Contract No:

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
N036834-001A	HB1-5'	Soil	8/3/2019 6:35:00 AM	8/5/2019	8/21/2019
N036834-002A	HB1-10'	Soil	8/3/2019 6:45:00 AM	8/5/2019	8/21/2019
N036834-003A	HB1-15'	Soil	8/3/2019 6:50:00 AM	8/5/2019	8/21/2019
N036834-004A	HB1-20'	Soil	8/3/2019 7:20:00 AM	8/5/2019	8/21/2019
N036834-005A	HB1-25'	Soil	8/3/2019 7:25:00 AM	8/5/2019	8/21/2019
N036834-006A	HB2-5'	Soil	8/3/2019 7:30:00 AM	8/5/2019	8/21/2019
N036834-007A	HB2-10'	Soil	8/3/2019 7:34:00 AM	8/5/2019	8/21/2019
N036834-008A	HB2-15'	Soil	8/3/2019 7:41:00 AM	8/5/2019	8/21/2019
N036834-009A	HB3-5'	Soil	8/3/2019 8:00:00 AM	8/5/2019	8/21/2019
N036834-010A	HB3-10'	Soil	8/3/2019 8:10:00 AM	8/5/2019	8/21/2019
N036834-011A	HB3-20'	Soil	8/3/2019 8:14:00 AM	8/5/2019	8/21/2019
N036834-012A	HB3-25'	Soil	8/3/2019 8:20:00 AM	8/5/2019	8/21/2019
N036834-013A	HB4-5'	Soil	8/3/2019 8:40:00 AM	8/5/2019	8/21/2019
N036834-014A	HB4-10'	Soil	8/3/2019 8:45:00 AM	8/5/2019	8/21/2019
N036834-015A	HB4-15'	Soil	8/3/2019 8:55:00 AM	8/5/2019	8/21/2019
N036834-016A	HB5-5'	Soil	8/3/2019 9:07:00 AM	8/5/2019	8/21/2019
N036834-017A	HB5-10'	Soil	8/3/2019 9:12:00 AM	8/5/2019	8/21/2019
N036834-018A	HB5-15'	Soil	8/3/2019 9:18:00 AM	8/5/2019	8/21/2019
N036834-019A	HB5-20'	Soil	8/3/2019 9:25:00 AM	8/5/2019	8/21/2019
N036834-020A	HB5-25'	Soil	8/3/2019 9:31:00 AM	8/5/2019	8/21/2019
N036834-021A	H5-30'	Soil	8/3/2019 9:38:00 AM	8/5/2019	8/21/2019

CLIENT:	Geo-Cal, Inc.	**Client Sample ID:**	HB1-5'
Lab Order:	N036834	**Collection Date:**	8/3/2019 6:35:00 AM
Project:	1395 E. Washington St. Colton, CA 92324	**Matrix:**	SOIL
Lab ID:	N036834-001		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS						
		EPA 8260B				
RunID: CA01638-MS10_190806A	QC Batch: CA19VS137			PrepDate:		Analyst: **AW**
1,1,1,2-Tetrachloroethane	ND	5.0		µg/Kg	1	8/6/2019 02:45 PM
1,1,1-Trichloroethane	ND	5.0		µg/Kg	1	8/6/2019 02:45 PM
1,1,2,2-Tetrachloroethane	ND	5.0		µg/Kg	1	8/6/2019 02:45 PM
1,1,2-Trichloroethane	ND	5.0		µg/Kg	1	8/6/2019 02:45 PM
1,1-Dichloroethane	ND	5.0		µg/Kg	1	8/6/2019 02:45 PM
1,1-Dichloroethene	ND	5.0		µg/Kg	1	8/6/2019 02:45 PM
1,1-Dichloropropene	ND	5.0		µg/Kg	1	8/6/2019 02:45 PM
1,2,3-Trichlorobenzene	ND	5.0		µg/Kg	1	8/6/2019 02:45 PM
1,2,3-Trichloropropane	ND	5.0		µg/Kg	1	8/6/2019 02:45 PM
1,2,4-Trichlorobenzene	ND	5.0		µg/Kg	1	8/6/2019 02:45 PM
1,2,4-Trimethylbenzene	ND	5.0		µg/Kg	1	8/6/2019 02:45 PM
1,2-Dibromo-3-chloropropane	ND	10		µg/Kg	1	8/6/2019 02:45 PM
1,2-Dibromoethane	ND	5.0		µg/Kg	1	8/6/2019 02:45 PM
1,2-Dichlorobenzene	ND	5.0		µg/Kg	1	8/6/2019 02:45 PM
1,2-Dichloroethane	ND	5.0		µg/Kg	1	8/6/2019 02:45 PM
1,2-Dichloropropane	ND	5.0		µg/Kg	1	8/6/2019 02:45 PM
1,3,5-Trimethylbenzene	ND	5.0		µg/Kg	1	8/6/2019 02:45 PM
1,3-Dichlorobenzene	ND	5.0		µg/Kg	1	8/6/2019 02:45 PM
1,3-Dichloropropane	ND	5.0		µg/Kg	1	8/6/2019 02:45 PM
1,4-Dichlorobenzene	ND	5.0		µg/Kg	1	8/6/2019 02:45 PM
2,2-Dichloropropane	ND	5.0		µg/Kg	1	8/6/2019 02:45 PM
2-Butanone	ND	50		µg/Kg	1	8/6/2019 02:45 PM
2-Chlorotoluene	ND	5.0		µg/Kg	1	8/6/2019 02:45 PM
4-Chlorotoluene	ND	5.0		µg/Kg	1	8/6/2019 02:45 PM
4-Isopropyltoluene	ND	5.0		µg/Kg	1	8/6/2019 02:45 PM
Benzene	ND	5.0		µg/Kg	1	8/6/2019 02:45 PM
Bromobenzene	ND	5.0		µg/Kg	1	8/6/2019 02:45 PM
Bromodichloromethane	ND	5.0		µg/Kg	1	8/6/2019 02:45 PM
Bromoform	ND	5.0		µg/Kg	1	8/6/2019 02:45 PM
Bromomethane	ND	5.0		µg/Kg	1	8/6/2019 02:45 PM
Carbon tetrachloride	ND	5.0		µg/Kg	1	8/6/2019 02:45 PM
Chlorobenzene	ND	5.0		µg/Kg	1	8/6/2019 02:45 PM
Chloroethane	ND	5.0		µg/Kg	1	8/6/2019 02:45 PM
Chloroform	ND	5.0		µg/Kg	1	8/6/2019 02:45 PM
Chloromethane	ND	5.0		µg/Kg	1	8/6/2019 02:45 PM
cis-1,2-Dichloroethene	ND	5.0		µg/Kg	1	8/6/2019 02:45 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
DO	Surrogate Diluted Out		

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: *21-Aug-19*

CLIENT:	Geo-Cal, Inc.	**Client Sample ID:**	HB1-5'
Lab Order:	N036834	**Collection Date:**	8/3/2019 6:35:00 AM
Project:	1395 E. Washington St. Colton, CA 92324	**Matrix:**	SOIL
Lab ID:	N036834-001		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS				**EPA 8260B**		
RunID: CA01638-MS10_190806A	QC Batch: CA19VS137			PrepDate:		Analyst: **AW**
cis-1,3-Dichloropropene	ND	5.0		µg/Kg	1	8/6/2019 02:45 PM
Di-isopropyl ether	ND	5.0		µg/Kg	1	8/6/2019 02:45 PM
Dibromochloromethane	ND	5.0		µg/Kg	1	8/6/2019 02:45 PM
Dibromomethane	ND	5.0		µg/Kg	1	8/6/2019 02:45 PM
Dichlorodifluoromethane	ND	5.0		µg/Kg	1	8/6/2019 02:45 PM
Ethyl Tert-butyl ether	ND	5.0		µg/Kg	1	8/6/2019 02:45 PM
Ethylbenzene	ND	5.0		µg/Kg	1	8/6/2019 02:45 PM
Freon-113	ND	5.0		µg/Kg	1	8/6/2019 02:45 PM
Hexachlorobutadiene	ND	5.0		µg/Kg	1	8/6/2019 02:45 PM
Isopropylbenzene	ND	5.0		µg/Kg	1	8/6/2019 02:45 PM
m,p-Xylene	ND	10		µg/Kg	1	8/6/2019 02:45 PM
Methylene chloride	ND	5.0		µg/Kg	1	8/6/2019 02:45 PM
MTBE	ND	5.0		µg/Kg	1	8/6/2019 02:45 PM
n-Butylbenzene	ND	5.0		µg/Kg	1	8/6/2019 02:45 PM
n-Propylbenzene	ND	5.0		µg/Kg	1	8/6/2019 02:45 PM
Naphthalene	ND	5.0		µg/Kg	1	8/6/2019 02:45 PM
o-Xylene	ND	5.0		µg/Kg	1	8/6/2019 02:45 PM
sec-Butylbenzene	ND	5.0		µg/Kg	1	8/6/2019 02:45 PM
Styrene	ND	5.0		µg/Kg	1	8/6/2019 02:45 PM
Tert-amyl methyl ether	ND	5.0		µg/Kg	1	8/6/2019 02:45 PM
Tert-Butanol	ND	25		µg/Kg	1	8/6/2019 02:45 PM
tert-Butylbenzene	ND	5.0		µg/Kg	1	8/6/2019 02:45 PM
Tetrachloroethene	ND	5.0		µg/Kg	1	8/6/2019 02:45 PM
Toluene	ND	5.0		µg/Kg	1	8/6/2019 02:45 PM
trans-1,2-Dichloroethene	ND	5.0		µg/Kg	1	8/6/2019 02:45 PM
Trichloroethene	ND	5.0		µg/Kg	1	8/6/2019 02:45 PM
Trichlorofluoromethane	ND	5.0		µg/Kg	1	8/6/2019 02:45 PM
Vinyl chloride	ND	5.0		µg/Kg	1	8/6/2019 02:45 PM
Xylenes, Total	ND	15		µg/Kg	1	8/6/2019 02:45 PM
Surr: 1,2-Dichloroethane-d4	109	70-156		%REC	1	8/6/2019 02:45 PM
Surr: 4-Bromofluorobenzene	81.4	73-129		%REC	1	8/6/2019 02:45 PM
Surr: Dibromofluoromethane	100	73-146		%REC	1	8/6/2019 02:45 PM
Surr: Toluene-d8	105	80-120		%REC	1	8/6/2019 02:45 PM
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID				**EPA 8015B**		
	EPA 3550B					
RunID: NV00922-GC3_190815B	QC Batch: 74955			PrepDate: 8/9/2019		Analyst: **LLR**

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
DO	Surrogate Diluted Out		

CLIENT:	Geo-Cal, Inc.	**Client Sample ID:**	HB1-5'
Lab Order:	N036834	**Collection Date:**	8/3/2019 6:35:00 AM
Project:	1395 E. Washington St. Colton, CA 92324	**Matrix:**	SOIL
Lab ID:	N036834-001		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID						
EPA 3550B				**EPA 8015B**		
RunID: NV00922-GC3_190815B QC Batch: 74955				PrepDate:	8/9/2019	Analyst: **LLR**
DRO	19	10		mg/Kg	1	8/15/2019 10:20 PM
ORO	20	10		mg/Kg	1	8/15/2019 10:20 PM
Surr: p-Terphenyl	116	56-133		%REC	1	8/15/2019 10:20 PM
GASOLINE RANGE ORGANICS BY GC/FID						
				EPA 8015B		
RunID: NV00922-GC4_190809B QC Batch: E19VS122				PrepDate:		Analyst: **RAB**
GRO	ND	1.0		mg/Kg	1	8/9/2019 03:26 PM
Surr: Chlorobenzene - d5	131	47-163		%REC	1	8/9/2019 03:26 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
DO	Surrogate Diluted Out		

CLIENT:	Geo-Cal, Inc.	**Client Sample ID:**	HB1-15'
Lab Order:	N036834	**Collection Date:**	8/3/2019 6:50:00 AM
Project:	1395 E. Washington St. Colton, CA 92324	**Matrix:**	SOIL
Lab ID:	N036834-003		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS						
		EPA 8260B				
RunID: CA01638-MS10_190809A	QC Batch: CA19VS139			PrepDate:		Analyst: **AW**
1,1,1,2-Tetrachloroethane	ND	5.0		µg/Kg	1	8/9/2019 01:47 PM
1,1,1-Trichloroethane	ND	5.0		µg/Kg	1	8/9/2019 01:47 PM
1,1,2,2-Tetrachloroethane	ND	5.0		µg/Kg	1	8/9/2019 01:47 PM
1,1,2-Trichloroethane	ND	5.0		µg/Kg	1	8/9/2019 01:47 PM
1,1-Dichloroethane	ND	5.0		µg/Kg	1	8/9/2019 01:47 PM
1,1-Dichloroethene	ND	5.0		µg/Kg	1	8/9/2019 01:47 PM
1,1-Dichloropropene	ND	5.0		µg/Kg	1	8/9/2019 01:47 PM
1,2,3-Trichlorobenzene	ND	5.0		µg/Kg	1	8/9/2019 01:47 PM
1,2,3-Trichloropropane	ND	5.0		µg/Kg	1	8/9/2019 01:47 PM
1,2,4-Trichlorobenzene	ND	5.0		µg/Kg	1	8/9/2019 01:47 PM
1,2,4-Trimethylbenzene	ND	5.0		µg/Kg	1	8/9/2019 01:47 PM
1,2-Dibromo-3-chloropropane	ND	10		µg/Kg	1	8/9/2019 01:47 PM
1,2-Dibromoethane	ND	5.0		µg/Kg	1	8/9/2019 01:47 PM
1,2-Dichlorobenzene	ND	5.0		µg/Kg	1	8/9/2019 01:47 PM
1,2-Dichloroethane	ND	5.0		µg/Kg	1	8/9/2019 01:47 PM
1,2-Dichloropropane	ND	5.0		µg/Kg	1	8/9/2019 01:47 PM
1,3,5-Trimethylbenzene	ND	5.0		µg/Kg	1	8/9/2019 01:47 PM
1,3-Dichlorobenzene	ND	5.0		µg/Kg	1	8/9/2019 01:47 PM
1,3-Dichloropropane	ND	5.0		µg/Kg	1	8/9/2019 01:47 PM
1,4-Dichlorobenzene	ND	5.0		µg/Kg	1	8/9/2019 01:47 PM
2,2-Dichloropropane	ND	5.0		µg/Kg	1	8/9/2019 01:47 PM
2-Butanone	ND	50		µg/Kg	1	8/9/2019 01:47 PM
2-Chlorotoluene	ND	5.0		µg/Kg	1	8/9/2019 01:47 PM
4-Chlorotoluene	ND	5.0		µg/Kg	1	8/9/2019 01:47 PM
4-Isopropyltoluene	ND	5.0		µg/Kg	1	8/9/2019 01:47 PM
Benzene	ND	5.0		µg/Kg	1	8/9/2019 01:47 PM
Bromobenzene	ND	5.0		µg/Kg	1	8/9/2019 01:47 PM
Bromodichloromethane	ND	5.0		µg/Kg	1	8/9/2019 01:47 PM
Bromoform	ND	5.0		µg/Kg	1	8/9/2019 01:47 PM
Bromomethane	ND	5.0		µg/Kg	1	8/9/2019 01:47 PM
Carbon tetrachloride	ND	5.0		µg/Kg	1	8/9/2019 01:47 PM
Chlorobenzene	ND	5.0		µg/Kg	1	8/9/2019 01:47 PM
Chloroethane	ND	5.0		µg/Kg	1	8/9/2019 01:47 PM
Chloroform	ND	5.0		µg/Kg	1	8/9/2019 01:47 PM
Chloromethane	ND	5.0		µg/Kg	1	8/9/2019 01:47 PM
cis-1,2-Dichloroethene	ND	5.0		µg/Kg	1	8/9/2019 01:47 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
DO	Surrogate Diluted Out		

CLIENT:	Geo-Cal, Inc.	**Client Sample ID:**	HB1-15'
Lab Order:	N036834	**Collection Date:**	8/3/2019 6:50:00 AM
Project:	1395 E. Washington St. Colton, CA 92324	**Matrix:**	SOIL
Lab ID:	N036834-003		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS				**EPA 8260B**		
RunID: CA01638-MS10_190809A	QC Batch: CA19VS139			PrepDate:		Analyst: **AW**
cis-1,3-Dichloropropene	ND	5.0		µg/Kg	1	8/9/2019 01:47 PM
Di-isopropyl ether	ND	5.0		µg/Kg	1	8/9/2019 01:47 PM
Dibromochloromethane	ND	5.0		µg/Kg	1	8/9/2019 01:47 PM
Dibromomethane	ND	5.0		µg/Kg	1	8/9/2019 01:47 PM
Dichlorodifluoromethane	ND	5.0		µg/Kg	1	8/9/2019 01:47 PM
Ethyl Tert-butyl ether	ND	5.0		µg/Kg	1	8/9/2019 01:47 PM
Ethylbenzene	ND	5.0		µg/Kg	1	8/9/2019 01:47 PM
Freon-113	ND	5.0		µg/Kg	1	8/9/2019 01:47 PM
Hexachlorobutadiene	ND	5.0		µg/Kg	1	8/9/2019 01:47 PM
Isopropylbenzene	ND	5.0		µg/Kg	1	8/9/2019 01:47 PM
m,p-Xylene	ND	10		µg/Kg	1	8/9/2019 01:47 PM
Methylene chloride	ND	5.0		µg/Kg	1	8/9/2019 01:47 PM
MTBE	ND	5.0		µg/Kg	1	8/9/2019 01:47 PM
n-Butylbenzene	ND	5.0		µg/Kg	1	8/9/2019 01:47 PM
n-Propylbenzene	ND	5.0		µg/Kg	1	8/9/2019 01:47 PM
Naphthalene	ND	5.0		µg/Kg	1	8/9/2019 01:47 PM
o-Xylene	ND	5.0		µg/Kg	1	8/9/2019 01:47 PM
sec-Butylbenzene	ND	5.0		µg/Kg	1	8/9/2019 01:47 PM
Styrene	ND	5.0		µg/Kg	1	8/9/2019 01:47 PM
Tert-amyl methyl ether	ND	5.0		µg/Kg	1	8/9/2019 01:47 PM
Tert-Butanol	ND	25		µg/Kg	1	8/9/2019 01:47 PM
tert-Butylbenzene	ND	5.0		µg/Kg	1	8/9/2019 01:47 PM
Tetrachloroethene	ND	5.0		µg/Kg	1	8/9/2019 01:47 PM
Toluene	ND	5.0		µg/Kg	1	8/9/2019 01:47 PM
trans-1,2-Dichloroethene	ND	5.0		µg/Kg	1	8/9/2019 01:47 PM
Trichloroethene	ND	5.0		µg/Kg	1	8/9/2019 01:47 PM
Trichlorofluoromethane	ND	5.0		µg/Kg	1	8/9/2019 01:47 PM
Vinyl chloride	ND	5.0		µg/Kg	1	8/9/2019 01:47 PM
Xylenes, Total	ND	15		µg/Kg	1	8/9/2019 01:47 PM
Surr: 1,2-Dichloroethane-d4	103	70-156		%REC	1	8/9/2019 01:47 PM
Surr: 4-Bromofluorobenzene	91.3	73-129		%REC	1	8/9/2019 01:47 PM
Surr: Dibromofluoromethane	96.2	73-146		%REC	1	8/9/2019 01:47 PM
Surr: Toluene-d8	91.4	80-120		%REC	1	8/9/2019 01:47 PM
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID				**EPA 8015B**		
	EPA 3550B					
RunID: NV00922-GC3_190815B	QC Batch: 74955			PrepDate: 8/9/2019		Analyst: **LLR**

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
DO	Surrogate Diluted Out		

CLIENT:	Geo-Cal, Inc.	**Client Sample ID:**	HB1-15'
Lab Order:	N036834	**Collection Date:**	8/3/2019 6:50:00 AM
Project:	1395 E. Washington St. Colton, CA 92324	**Matrix:**	SOIL
Lab ID:	N036834-003		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID						
EPA 3550B				**EPA 8015B**		
RunID: NV00922-GC3_190815B QC Batch: 74955				PrepDate:	8/9/2019	Analyst: **LLR**
DRO	ND	9.9		mg/Kg	1	8/15/2019 10:49 PM
ORO	ND	9.9		mg/Kg	1	8/15/2019 10:49 PM
Surr: p-Terphenyl	122	56-133		%REC	1	8/15/2019 10:49 PM
GASOLINE RANGE ORGANICS BY GC/FID						
				EPA 8015B		
RunID: NV00922-GC4_190810A QC Batch: E19VS123				PrepDate:		Analyst: **RAB**
GRO	ND	1.0		mg/Kg	1	8/10/2019 11:25 AM
Surr: Chlorobenzene - d5	132	47-163		%REC	1	8/10/2019 11:25 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
DO	Surrogate Diluted Out		

CLIENT:	Geo-Cal, Inc.	**Client Sample ID:**	HB1-25'
Lab Order:	N036834	**Collection Date:**	8/3/2019 7:25:00 AM
Project:	1395 E. Washington St. Colton, CA 92324	**Matrix:**	SOIL
Lab ID:	N036834-005		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS						
		EPA 8260B				
RunID: CA01638-MS10_190809A	QC Batch: CA19VS139			PrepDate:		Analyst: **AW**
1,1,1,2-Tetrachloroethane	ND	5.0		µg/Kg	1	8/9/2019 02:12 PM
1,1,1-Trichloroethane	ND	5.0		µg/Kg	1	8/9/2019 02:12 PM
1,1,2,2-Tetrachloroethane	ND	5.0		µg/Kg	1	8/9/2019 02:12 PM
1,1,2-Trichloroethane	ND	5.0		µg/Kg	1	8/9/2019 02:12 PM
1,1-Dichloroethane	ND	5.0		µg/Kg	1	8/9/2019 02:12 PM
1,1-Dichloroethene	ND	5.0		µg/Kg	1	8/9/2019 02:12 PM
1,1-Dichloropropene	ND	5.0		µg/Kg	1	8/9/2019 02:12 PM
1,2,3-Trichlorobenzene	ND	5.0		µg/Kg	1	8/9/2019 02:12 PM
1,2,3-Trichloropropane	ND	5.0		µg/Kg	1	8/9/2019 02:12 PM
1,2,4-Trichlorobenzene	ND	5.0		µg/Kg	1	8/9/2019 02:12 PM
1,2,4-Trimethylbenzene	ND	5.0		µg/Kg	1	8/9/2019 02:12 PM
1,2-Dibromo-3-chloropropane	ND	10		µg/Kg	1	8/9/2019 02:12 PM
1,2-Dibromoethane	ND	5.0		µg/Kg	1	8/9/2019 02:12 PM
1,2-Dichlorobenzene	ND	5.0		µg/Kg	1	8/9/2019 02:12 PM
1,2-Dichloroethane	ND	5.0		µg/Kg	1	8/9/2019 02:12 PM
1,2-Dichloropropane	ND	5.0		µg/Kg	1	8/9/2019 02:12 PM
1,3,5-Trimethylbenzene	ND	5.0		µg/Kg	1	8/9/2019 02:12 PM
1,3-Dichlorobenzene	ND	5.0		µg/Kg	1	8/9/2019 02:12 PM
1,3-Dichloropropane	ND	5.0		µg/Kg	1	8/9/2019 02:12 PM
1,4-Dichlorobenzene	ND	5.0		µg/Kg	1	8/9/2019 02:12 PM
2,2-Dichloropropane	ND	5.0		µg/Kg	1	8/9/2019 02:12 PM
2-Butanone	ND	50		µg/Kg	1	8/9/2019 02:12 PM
2-Chlorotoluene	ND	5.0		µg/Kg	1	8/9/2019 02:12 PM
4-Chlorotoluene	ND	5.0		µg/Kg	1	8/9/2019 02:12 PM
4-Isopropyltoluene	ND	5.0		µg/Kg	1	8/9/2019 02:12 PM
Benzene	ND	5.0		µg/Kg	1	8/9/2019 02:12 PM
Bromobenzene	ND	5.0		µg/Kg	1	8/9/2019 02:12 PM
Bromodichloromethane	ND	5.0		µg/Kg	1	8/9/2019 02:12 PM
Bromoform	ND	5.0		µg/Kg	1	8/9/2019 02:12 PM
Bromomethane	ND	5.0		µg/Kg	1	8/9/2019 02:12 PM
Carbon tetrachloride	ND	5.0		µg/Kg	1	8/9/2019 02:12 PM
Chlorobenzene	ND	5.0		µg/Kg	1	8/9/2019 02:12 PM
Chloroethane	ND	5.0		µg/Kg	1	8/9/2019 02:12 PM
Chloroform	ND	5.0		µg/Kg	1	8/9/2019 02:12 PM
Chloromethane	ND	5.0		µg/Kg	1	8/9/2019 02:12 PM
cis-1,2-Dichloroethene	ND	5.0		µg/Kg	1	8/9/2019 02:12 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
DO	Surrogate Diluted Out		

CLIENT:	Geo-Cal, Inc.	**Client Sample ID:**	HB1-25'
Lab Order:	N036834	**Collection Date:**	8/3/2019 7:25:00 AM
Project:	1395 E. Washington St. Colton, CA 92324	**Matrix:**	SOIL
Lab ID:	N036834-005		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS				**EPA 8260B**		
RunID: CA01638-MS10_190809A	QC Batch: CA19VS139			PrepDate:		Analyst: **AW**
cis-1,3-Dichloropropene	ND	5.0		µg/Kg	1	8/9/2019 02:12 PM
Di-isopropyl ether	ND	5.0		µg/Kg	1	8/9/2019 02:12 PM
Dibromochloromethane	ND	5.0		µg/Kg	1	8/9/2019 02:12 PM
Dibromomethane	ND	5.0		µg/Kg	1	8/9/2019 02:12 PM
Dichlorodifluoromethane	ND	5.0		µg/Kg	1	8/9/2019 02:12 PM
Ethyl Tert-butyl ether	ND	5.0		µg/Kg	1	8/9/2019 02:12 PM
Ethylbenzene	ND	5.0		µg/Kg	1	8/9/2019 02:12 PM
Freon-113	ND	5.0		µg/Kg	1	8/9/2019 02:12 PM
Hexachlorobutadiene	ND	5.0		µg/Kg	1	8/9/2019 02:12 PM
Isopropylbenzene	ND	5.0		µg/Kg	1	8/9/2019 02:12 PM
m,p-Xylene	ND	10		µg/Kg	1	8/9/2019 02:12 PM
Methylene chloride	ND	5.0		µg/Kg	1	8/9/2019 02:12 PM
MTBE	ND	5.0		µg/Kg	1	8/9/2019 02:12 PM
n-Butylbenzene	ND	5.0		µg/Kg	1	8/9/2019 02:12 PM
n-Propylbenzene	ND	5.0		µg/Kg	1	8/9/2019 02:12 PM
Naphthalene	ND	5.0		µg/Kg	1	8/9/2019 02:12 PM
o-Xylene	ND	5.0		µg/Kg	1	8/9/2019 02:12 PM
sec-Butylbenzene	ND	5.0		µg/Kg	1	8/9/2019 02:12 PM
Styrene	ND	5.0		µg/Kg	1	8/9/2019 02:12 PM
Tert-amyl methyl ether	ND	5.0		µg/Kg	1	8/9/2019 02:12 PM
Tert-Butanol	ND	25		µg/Kg	1	8/9/2019 02:12 PM
tert-Butylbenzene	ND	5.0		µg/Kg	1	8/9/2019 02:12 PM
Tetrachloroethene	ND	5.0		µg/Kg	1	8/9/2019 02:12 PM
Toluene	ND	5.0		µg/Kg	1	8/9/2019 02:12 PM
trans-1,2-Dichloroethene	ND	5.0		µg/Kg	1	8/9/2019 02:12 PM
Trichloroethene	ND	5.0		µg/Kg	1	8/9/2019 02:12 PM
Trichlorofluoromethane	ND	5.0		µg/Kg	1	8/9/2019 02:12 PM
Vinyl chloride	ND	5.0		µg/Kg	1	8/9/2019 02:12 PM
Xylenes, Total	ND	15		µg/Kg	1	8/9/2019 02:12 PM
Surr: 1,2-Dichloroethane-d4	92.8	70-156		%REC	1	8/9/2019 02:12 PM
Surr: 4-Bromofluorobenzene	82.0	73-129		%REC	1	8/9/2019 02:12 PM
Surr: Dibromofluoromethane	88.5	73-146		%REC	1	8/9/2019 02:12 PM
Surr: Toluene-d8	74.8	80-120	S	%REC	1	8/9/2019 02:12 PM
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID				**EPA 8015B**		
		EPA 3550B				
RunID: NV00922-GC3_190815B	QC Batch: 74955			PrepDate: 8/9/2019		Analyst: **LLR**

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
DO	Surrogate Diluted Out		

CLIENT:	Geo-Cal, Inc.	**Client Sample ID:**	HB1-25'
Lab Order:	N036834	**Collection Date:**	8/3/2019 7:25:00 AM
Project:	1395 E. Washington St. Colton, CA 92324	**Matrix:**	SOIL
Lab ID:	N036834-005		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID						
EPA 3550B				**EPA 8015B**		
RunID: NV00922-GC3_190815B QC Batch: 74955				PrepDate:	8/9/2019	Analyst: **LLR**
DRO	ND	10		mg/Kg	1	8/15/2019 11:17 PM
ORO	ND	10		mg/Kg	1	8/15/2019 11:17 PM
Surr: p-Terphenyl	119	56-133		%REC	1	8/15/2019 11:17 PM
GASOLINE RANGE ORGANICS BY GC/FID						
				EPA 8015B		
RunID: NV00922-GC4_190809B QC Batch: E19VS122				PrepDate:		Analyst: **RAB**
GRO	ND	1.0		mg/Kg	1	8/10/2019 01:40 AM
Surr: Chlorobenzene - d5	109	47-163		%REC	1	8/10/2019 01:40 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
DO	Surrogate Diluted Out		

CLIENT:	Geo-Cal, Inc.	**Client Sample ID:**	HB2-5'
Lab Order:	N036834	**Collection Date:**	8/3/2019 7:30:00 AM
Project:	1395 E. Washington St. Colton, CA 92324	**Matrix:**	SOIL
Lab ID:	N036834-006		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS						
		EPA 8260B				
RunID: CA01638-MS10_190809A	QC Batch: CA19VS139			PrepDate:		Analyst: **AW**
1,1,1,2-Tetrachloroethane	ND	5.0		µg/Kg	1	8/9/2019 02:37 PM
1,1,1-Trichloroethane	ND	5.0		µg/Kg	1	8/9/2019 02:37 PM
1,1,2,2-Tetrachloroethane	ND	5.0		µg/Kg	1	8/9/2019 02:37 PM
1,1,2-Trichloroethane	ND	5.0		µg/Kg	1	8/9/2019 02:37 PM
1,1-Dichloroethane	ND	5.0		µg/Kg	1	8/9/2019 02:37 PM
1,1-Dichloroethene	ND	5.0		µg/Kg	1	8/9/2019 02:37 PM
1,1-Dichloropropene	ND	5.0		µg/Kg	1	8/9/2019 02:37 PM
1,2,3-Trichlorobenzene	ND	5.0		µg/Kg	1	8/9/2019 02:37 PM
1,2,3-Trichloropropane	ND	5.0		µg/Kg	1	8/9/2019 02:37 PM
1,2,4-Trichlorobenzene	ND	5.0		µg/Kg	1	8/9/2019 02:37 PM
1,2,4-Trimethylbenzene	ND	5.0		µg/Kg	1	8/9/2019 02:37 PM
1,2-Dibromo-3-chloropropane	ND	10		µg/Kg	1	8/9/2019 02:37 PM
1,2-Dibromoethane	ND	5.0		µg/Kg	1	8/9/2019 02:37 PM
1,2-Dichlorobenzene	ND	5.0		µg/Kg	1	8/9/2019 02:37 PM
1,2-Dichloroethane	ND	5.0		µg/Kg	1	8/9/2019 02:37 PM
1,2-Dichloropropane	ND	5.0		µg/Kg	1	8/9/2019 02:37 PM
1,3,5-Trimethylbenzene	ND	5.0		µg/Kg	1	8/9/2019 02:37 PM
1,3-Dichlorobenzene	ND	5.0		µg/Kg	1	8/9/2019 02:37 PM
1,3-Dichloropropane	ND	5.0		µg/Kg	1	8/9/2019 02:37 PM
1,4-Dichlorobenzene	ND	5.0		µg/Kg	1	8/9/2019 02:37 PM
2,2-Dichloropropane	ND	5.0		µg/Kg	1	8/9/2019 02:37 PM
2-Butanone	ND	50		µg/Kg	1	8/9/2019 02:37 PM
2-Chlorotoluene	ND	5.0		µg/Kg	1	8/9/2019 02:37 PM
4-Chlorotoluene	ND	5.0		µg/Kg	1	8/9/2019 02:37 PM
4-Isopropyltoluene	ND	5.0		µg/Kg	1	8/9/2019 02:37 PM
Benzene	ND	5.0		µg/Kg	1	8/9/2019 02:37 PM
Bromobenzene	ND	5.0		µg/Kg	1	8/9/2019 02:37 PM
Bromodichloromethane	ND	5.0		µg/Kg	1	8/9/2019 02:37 PM
Bromoform	ND	5.0		µg/Kg	1	8/9/2019 02:37 PM
Bromomethane	ND	5.0		µg/Kg	1	8/9/2019 02:37 PM
Carbon tetrachloride	ND	5.0		µg/Kg	1	8/9/2019 02:37 PM
Chlorobenzene	ND	5.0		µg/Kg	1	8/9/2019 02:37 PM
Chloroethane	ND	5.0		µg/Kg	1	8/9/2019 02:37 PM
Chloroform	ND	5.0		µg/Kg	1	8/9/2019 02:37 PM
Chloromethane	ND	5.0		µg/Kg	1	8/9/2019 02:37 PM
cis-1,2-Dichloroethene	ND	5.0		µg/Kg	1	8/9/2019 02:37 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
DO	Surrogate Diluted Out		

CLIENT:	Geo-Cal, Inc.	**Client Sample ID:**	HB2-5'
Lab Order:	N036834	**Collection Date:**	8/3/2019 7:30:00 AM
Project:	1395 E. Washington St. Colton, CA 92324	**Matrix:**	SOIL
Lab ID:	N036834-006		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS				**EPA 8260B**		
RunID: CA01638-MS10_190809A	QC Batch: CA19VS139			PrepDate:		Analyst: **AW**
cis-1,3-Dichloropropene	ND	5.0		µg/Kg	1	8/9/2019 02:37 PM
Di-isopropyl ether	ND	5.0		µg/Kg	1	8/9/2019 02:37 PM
Dibromochloromethane	ND	5.0		µg/Kg	1	8/9/2019 02:37 PM
Dibromomethane	ND	5.0		µg/Kg	1	8/9/2019 02:37 PM
Dichlorodifluoromethane	ND	5.0		µg/Kg	1	8/9/2019 02:37 PM
Ethyl Tert-butyl ether	ND	5.0		µg/Kg	1	8/9/2019 02:37 PM
Ethylbenzene	ND	5.0		µg/Kg	1	8/9/2019 02:37 PM
Freon-113	ND	5.0		µg/Kg	1	8/9/2019 02:37 PM
Hexachlorobutadiene	ND	5.0		µg/Kg	1	8/9/2019 02:37 PM
Isopropylbenzene	ND	5.0		µg/Kg	1	8/9/2019 02:37 PM
m,p-Xylene	ND	10		µg/Kg	1	8/9/2019 02:37 PM
Methylene chloride	ND	5.0		µg/Kg	1	8/9/2019 02:37 PM
MTBE	ND	5.0		µg/Kg	1	8/9/2019 02:37 PM
n-Butylbenzene	ND	5.0		µg/Kg	1	8/9/2019 02:37 PM
n-Propylbenzene	ND	5.0		µg/Kg	1	8/9/2019 02:37 PM
Naphthalene	ND	5.0		µg/Kg	1	8/9/2019 02:37 PM
o-Xylene	ND	5.0		µg/Kg	1	8/9/2019 02:37 PM
sec-Butylbenzene	ND	5.0		µg/Kg	1	8/9/2019 02:37 PM
Styrene	ND	5.0		µg/Kg	1	8/9/2019 02:37 PM
Tert-amyl methyl ether	ND	5.0		µg/Kg	1	8/9/2019 02:37 PM
Tert-Butanol	ND	25		µg/Kg	1	8/9/2019 02:37 PM
tert-Butylbenzene	ND	5.0		µg/Kg	1	8/9/2019 02:37 PM
Tetrachloroethene	ND	5.0		µg/Kg	1	8/9/2019 02:37 PM
Toluene	ND	5.0		µg/Kg	1	8/9/2019 02:37 PM
trans-1,2-Dichloroethene	ND	5.0		µg/Kg	1	8/9/2019 02:37 PM
Trichloroethene	ND	5.0		µg/Kg	1	8/9/2019 02:37 PM
Trichlorofluoromethane	ND	5.0		µg/Kg	1	8/9/2019 02:37 PM
Vinyl chloride	ND	5.0		µg/Kg	1	8/9/2019 02:37 PM
Xylenes, Total	ND	15		µg/Kg	1	8/9/2019 02:37 PM
Surr: 1,2-Dichloroethane-d4	116	70-156		%REC	1	8/9/2019 02:37 PM
Surr: 4-Bromofluorobenzene	102	73-129		%REC	1	8/9/2019 02:37 PM
Surr: Dibromofluoromethane	113	73-146		%REC	1	8/9/2019 02:37 PM
Surr: Toluene-d8	102	80-120		%REC	1	8/9/2019 02:37 PM
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID				**EPA 8015B**		
	EPA 3550B					
RunID: NV00922-GC3_190815B	QC Batch: 74955			PrepDate:	8/9/2019	Analyst: **LLR**

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
DO	Surrogate Diluted Out		

CLIENT:	Geo-Cal, Inc.	**Client Sample ID:**	HB2-5'
Lab Order:	N036834	**Collection Date:**	8/3/2019 7:30:00 AM
Project:	1395 E. Washington St. Colton, CA 92324	**Matrix:**	SOIL
Lab ID:	N036834-006		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID						
EPA 3550B				**EPA 8015B**		
RunID: NV00922-GC3_190815B QC Batch: 74955				PrepDate:	8/9/2019	Analyst: **LLR**
DRO	ND	10		mg/Kg	1	8/15/2019 11:46 PM
ORO	ND	10		mg/Kg	1	8/15/2019 11:46 PM
Surr: p-Terphenyl	125	56-133		%REC	1	8/15/2019 11:46 PM
GASOLINE RANGE ORGANICS BY GC/FID						
				EPA 8015B		
RunID: NV00922-GC4_190809B QC Batch: E19VS122				PrepDate:		Analyst: **RAB**
GRO	ND	1.0		mg/Kg	1	8/10/2019 02:11 AM
Surr: Chlorobenzene - d5	109	47-163		%REC	1	8/10/2019 02:11 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
DO	Surrogate Diluted Out		

CLIENT:	Geo-Cal, Inc.	**Client Sample ID:**	HB2-15'
Lab Order:	N036834	**Collection Date:**	8/3/2019 7:41:00 AM
Project:	1395 E. Washington St. Colton, CA 92324	**Matrix:**	SOIL
Lab ID:	N036834-008		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS						
		EPA 8260B				
RunID: CA01638-MS10_190809A	QC Batch: CA19VS139			PrepDate:		Analyst: **AW**
1,1,1,2-Tetrachloroethane	ND	5.0		µg/Kg	1	8/9/2019 03:02 PM
1,1,1-Trichloroethane	ND	5.0		µg/Kg	1	8/9/2019 03:02 PM
1,1,2,2-Tetrachloroethane	ND	5.0		µg/Kg	1	8/9/2019 03:02 PM
1,1,2-Trichloroethane	ND	5.0		µg/Kg	1	8/9/2019 03:02 PM
1,1-Dichloroethane	ND	5.0		µg/Kg	1	8/9/2019 03:02 PM
1,1-Dichloroethene	ND	5.0		µg/Kg	1	8/9/2019 03:02 PM
1,1-Dichloropropene	ND	5.0		µg/Kg	1	8/9/2019 03:02 PM
1,2,3-Trichlorobenzene	ND	5.0		µg/Kg	1	8/9/2019 03:02 PM
1,2,3-Trichloropropane	ND	5.0		µg/Kg	1	8/9/2019 03:02 PM
1,2,4-Trichlorobenzene	ND	5.0		µg/Kg	1	8/9/2019 03:02 PM
1,2,4-Trimethylbenzene	ND	5.0		µg/Kg	1	8/9/2019 03:02 PM
1,2-Dibromo-3-chloropropane	ND	10		µg/Kg	1	8/9/2019 03:02 PM
1,2-Dibromoethane	ND	5.0		µg/Kg	1	8/9/2019 03:02 PM
1,2-Dichlorobenzene	ND	5.0		µg/Kg	1	8/9/2019 03:02 PM
1,2-Dichloroethane	ND	5.0		µg/Kg	1	8/9/2019 03:02 PM
1,2-Dichloropropane	ND	5.0		µg/Kg	1	8/9/2019 03:02 PM
1,3,5-Trimethylbenzene	ND	5.0		µg/Kg	1	8/9/2019 03:02 PM
1,3-Dichlorobenzene	ND	5.0		µg/Kg	1	8/9/2019 03:02 PM
1,3-Dichloropropane	ND	5.0		µg/Kg	1	8/9/2019 03:02 PM
1,4-Dichlorobenzene	ND	5.0		µg/Kg	1	8/9/2019 03:02 PM
2,2-Dichloropropane	ND	5.0		µg/Kg	1	8/9/2019 03:02 PM
2-Butanone	ND	50		µg/Kg	1	8/9/2019 03:02 PM
2-Chlorotoluene	ND	5.0		µg/Kg	1	8/9/2019 03:02 PM
4-Chlorotoluene	ND	5.0		µg/Kg	1	8/9/2019 03:02 PM
4-Isopropyltoluene	ND	5.0		µg/Kg	1	8/9/2019 03:02 PM
Benzene	ND	5.0		µg/Kg	1	8/9/2019 03:02 PM
Bromobenzene	ND	5.0		µg/Kg	1	8/9/2019 03:02 PM
Bromodichloromethane	ND	5.0		µg/Kg	1	8/9/2019 03:02 PM
Bromoform	ND	5.0		µg/Kg	1	8/9/2019 03:02 PM
Bromomethane	ND	5.0		µg/Kg	1	8/9/2019 03:02 PM
Carbon tetrachloride	ND	5.0		µg/Kg	1	8/9/2019 03:02 PM
Chlorobenzene	ND	5.0		µg/Kg	1	8/9/2019 03:02 PM
Chloroethane	ND	5.0		µg/Kg	1	8/9/2019 03:02 PM
Chloroform	ND	5.0		µg/Kg	1	8/9/2019 03:02 PM
Chloromethane	ND	5.0		µg/Kg	1	8/9/2019 03:02 PM
cis-1,2-Dichloroethene	ND	5.0		µg/Kg	1	8/9/2019 03:02 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
DO	Surrogate Diluted Out		

CLIENT:	Geo-Cal, Inc.	**Client Sample ID:**	HB2-15'
Lab Order:	N036834	**Collection Date:**	8/3/2019 7:41:00 AM
Project:	1395 E. Washington St. Colton, CA 92324	**Matrix:**	SOIL
Lab ID:	N036834-008		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS				**EPA 8260B**		
RunID: CA01638-MS10_190809A	QC Batch: CA19VS139			PrepDate:		Analyst: **AW**
cis-1,3-Dichloropropene	ND	5.0		µg/Kg	1	8/9/2019 03:02 PM
Di-isopropyl ether	ND	5.0		µg/Kg	1	8/9/2019 03:02 PM
Dibromochloromethane	ND	5.0		µg/Kg	1	8/9/2019 03:02 PM
Dibromomethane	ND	5.0		µg/Kg	1	8/9/2019 03:02 PM
Dichlorodifluoromethane	ND	5.0		µg/Kg	1	8/9/2019 03:02 PM
Ethyl Tert-butyl ether	ND	5.0		µg/Kg	1	8/9/2019 03:02 PM
Ethylbenzene	ND	5.0		µg/Kg	1	8/9/2019 03:02 PM
Freon-113	ND	5.0		µg/Kg	1	8/9/2019 03:02 PM
Hexachlorobutadiene	ND	5.0		µg/Kg	1	8/9/2019 03:02 PM
Isopropylbenzene	ND	5.0		µg/Kg	1	8/9/2019 03:02 PM
m,p-Xylene	ND	10		µg/Kg	1	8/9/2019 03:02 PM
Methylene chloride	ND	5.0		µg/Kg	1	8/9/2019 03:02 PM
MTBE	ND	5.0		µg/Kg	1	8/9/2019 03:02 PM
n-Butylbenzene	ND	5.0		µg/Kg	1	8/9/2019 03:02 PM
n-Propylbenzene	ND	5.0		µg/Kg	1	8/9/2019 03:02 PM
Naphthalene	ND	5.0		µg/Kg	1	8/9/2019 03:02 PM
o-Xylene	ND	5.0		µg/Kg	1	8/9/2019 03:02 PM
sec-Butylbenzene	ND	5.0		µg/Kg	1	8/9/2019 03:02 PM
Styrene	ND	5.0		µg/Kg	1	8/9/2019 03:02 PM
Tert-amyl methyl ether	ND	5.0		µg/Kg	1	8/9/2019 03:02 PM
Tert-Butanol	ND	25		µg/Kg	1	8/9/2019 03:02 PM
tert-Butylbenzene	ND	5.0		µg/Kg	1	8/9/2019 03:02 PM
Tetrachloroethene	ND	5.0		µg/Kg	1	8/9/2019 03:02 PM
Toluene	ND	5.0		µg/Kg	1	8/9/2019 03:02 PM
trans-1,2-Dichloroethene	ND	5.0		µg/Kg	1	8/9/2019 03:02 PM
Trichloroethene	ND	5.0		µg/Kg	1	8/9/2019 03:02 PM
Trichlorofluoromethane	ND	5.0		µg/Kg	1	8/9/2019 03:02 PM
Vinyl chloride	ND	5.0		µg/Kg	1	8/9/2019 03:02 PM
Xylenes, Total	ND	15		µg/Kg	1	8/9/2019 03:02 PM
Surr: 1,2-Dichloroethane-d4	97.3	70-156		%REC	1	8/9/2019 03:02 PM
Surr: 4-Bromofluorobenzene	84.6	73-129		%REC	1	8/9/2019 03:02 PM
Surr: Dibromofluoromethane	91.5	73-146		%REC	1	8/9/2019 03:02 PM
Surr: Toluene-d8	81.5	80-120		%REC	1	8/9/2019 03:02 PM
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID				**EPA 8015B**		
	EPA 3550B					
RunID: NV00922-GC3_190815B	QC Batch: 74955			PrepDate: 8/9/2019		Analyst: **LLR**

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
DO	Surrogate Diluted Out		

CLIENT:	Geo-Cal, Inc.	**Client Sample ID:**	HB2-15'
Lab Order:	N036834	**Collection Date:**	8/3/2019 7:41:00 AM
Project:	1395 E. Washington St. Colton, CA 92324	**Matrix:**	SOIL
Lab ID:	N036834-008		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID						
EPA 3550B				**EPA 8015B**		
RunID: NV00922-GC3_190815B QC Batch: 74955				PrepDate:	8/9/2019	Analyst: **LLR**
DRO	ND	9.9		mg/Kg	1	8/16/2019 12:15 AM
ORO	ND	9.9		mg/Kg	1	8/16/2019 12:15 AM
Surr: p-Terphenyl	115	56-133		%REC	1	8/16/2019 12:15 AM
GASOLINE RANGE ORGANICS BY GC/FID						
				EPA 8015B		
RunID: NV00922-GC4_190809B QC Batch: E19VS122				PrepDate:		Analyst: **RAB**
GRO	ND	1.0		mg/Kg	1	8/10/2019 02:41 AM
Surr: Chlorobenzene - d5	113	47-163		%REC	1	8/10/2019 02:41 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
DO	Surrogate Diluted Out		

CLIENT:	Geo-Cal, Inc.	**Client Sample ID:**	HB3-10'
Lab Order:	N036834	**Collection Date:**	8/3/2019 8:10:00 AM
Project:	1395 E. Washington St. Colton, CA 92324	**Matrix:**	SOIL
Lab ID:	N036834-010		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS						
		EPA 8260B				
RunID: CA01638-MS10_190809A	QC Batch: CA19VS139			PrepDate:		Analyst: **AW**
1,1,1,2-Tetrachloroethane	ND	5.0		µg/Kg	1	8/9/2019 03:26 PM
1,1,1-Trichloroethane	ND	5.0		µg/Kg	1	8/9/2019 03:26 PM
1,1,2,2-Tetrachloroethane	ND	5.0		µg/Kg	1	8/9/2019 03:26 PM
1,1,2-Trichloroethane	ND	5.0		µg/Kg	1	8/9/2019 03:26 PM
1,1-Dichloroethane	ND	5.0		µg/Kg	1	8/9/2019 03:26 PM
1,1-Dichloroethene	ND	5.0		µg/Kg	1	8/9/2019 03:26 PM
1,1-Dichloropropene	ND	5.0		µg/Kg	1	8/9/2019 03:26 PM
1,2,3-Trichlorobenzene	ND	5.0		µg/Kg	1	8/9/2019 03:26 PM
1,2,3-Trichloropropane	ND	5.0		µg/Kg	1	8/9/2019 03:26 PM
1,2,4-Trichlorobenzene	ND	5.0		µg/Kg	1	8/9/2019 03:26 PM
1,2,4-Trimethylbenzene	ND	5.0		µg/Kg	1	8/9/2019 03:26 PM
1,2-Dibromo-3-chloropropane	ND	10		µg/Kg	1	8/9/2019 03:26 PM
1,2-Dibromoethane	ND	5.0		µg/Kg	1	8/9/2019 03:26 PM
1,2-Dichlorobenzene	ND	5.0		µg/Kg	1	8/9/2019 03:26 PM
1,2-Dichloroethane	ND	5.0		µg/Kg	1	8/9/2019 03:26 PM
1,2-Dichloropropane	ND	5.0		µg/Kg	1	8/9/2019 03:26 PM
1,3,5-Trimethylbenzene	ND	5.0		µg/Kg	1	8/9/2019 03:26 PM
1,3-Dichlorobenzene	ND	5.0		µg/Kg	1	8/9/2019 03:26 PM
1,3-Dichloropropane	ND	5.0		µg/Kg	1	8/9/2019 03:26 PM
1,4-Dichlorobenzene	ND	5.0		µg/Kg	1	8/9/2019 03:26 PM
2,2-Dichloropropane	ND	5.0		µg/Kg	1	8/9/2019 03:26 PM
2-Butanone	ND	50		µg/Kg	1	8/9/2019 03:26 PM
2-Chlorotoluene	ND	5.0		µg/Kg	1	8/9/2019 03:26 PM
4-Chlorotoluene	ND	5.0		µg/Kg	1	8/9/2019 03:26 PM
4-Isopropyltoluene	ND	5.0		µg/Kg	1	8/9/2019 03:26 PM
Benzene	ND	5.0		µg/Kg	1	8/9/2019 03:26 PM
Bromobenzene	ND	5.0		µg/Kg	1	8/9/2019 03:26 PM
Bromodichloromethane	ND	5.0		µg/Kg	1	8/9/2019 03:26 PM
Bromoform	ND	5.0		µg/Kg	1	8/9/2019 03:26 PM
Bromomethane	ND	5.0		µg/Kg	1	8/9/2019 03:26 PM
Carbon tetrachloride	ND	5.0		µg/Kg	1	8/9/2019 03:26 PM
Chlorobenzene	ND	5.0		µg/Kg	1	8/9/2019 03:26 PM
Chloroethane	ND	5.0		µg/Kg	1	8/9/2019 03:26 PM
Chloroform	ND	5.0		µg/Kg	1	8/9/2019 03:26 PM
Chloromethane	ND	5.0		µg/Kg	1	8/9/2019 03:26 PM
cis-1,2-Dichloroethene	ND	5.0		µg/Kg	1	8/9/2019 03:26 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
DO	Surrogate Diluted Out		

CLIENT:	Geo-Cal, Inc.	**Client Sample ID:**	HB3-10'
Lab Order:	N036834	**Collection Date:**	8/3/2019 8:10:00 AM
Project:	1395 E. Washington St. Colton, CA 92324	**Matrix:**	SOIL
Lab ID:	N036834-010		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS				**EPA 8260B**		
RunID: CA01638-MS10_190809A	QC Batch: CA19VS139			PrepDate:		Analyst: **AW**
cis-1,3-Dichloropropene	ND	5.0		µg/Kg	1	8/9/2019 03:26 PM
Di-isopropyl ether	ND	5.0		µg/Kg	1	8/9/2019 03:26 PM
Dibromochloromethane	ND	5.0		µg/Kg	1	8/9/2019 03:26 PM
Dibromomethane	ND	5.0		µg/Kg	1	8/9/2019 03:26 PM
Dichlorodifluoromethane	ND	5.0		µg/Kg	1	8/9/2019 03:26 PM
Ethyl Tert-butyl ether	ND	5.0		µg/Kg	1	8/9/2019 03:26 PM
Ethylbenzene	ND	5.0		µg/Kg	1	8/9/2019 03:26 PM
Freon-113	ND	5.0		µg/Kg	1	8/9/2019 03:26 PM
Hexachlorobutadiene	ND	5.0		µg/Kg	1	8/9/2019 03:26 PM
Isopropylbenzene	ND	5.0		µg/Kg	1	8/9/2019 03:26 PM
m,p-Xylene	ND	10		µg/Kg	1	8/9/2019 03:26 PM
Methylene chloride	ND	5.0		µg/Kg	1	8/9/2019 03:26 PM
MTBE	ND	5.0		µg/Kg	1	8/9/2019 03:26 PM
n-Butylbenzene	ND	5.0		µg/Kg	1	8/9/2019 03:26 PM
n-Propylbenzene	ND	5.0		µg/Kg	1	8/9/2019 03:26 PM
Naphthalene	ND	5.0		µg/Kg	1	8/9/2019 03:26 PM
o-Xylene	ND	5.0		µg/Kg	1	8/9/2019 03:26 PM
sec-Butylbenzene	ND	5.0		µg/Kg	1	8/9/2019 03:26 PM
Styrene	ND	5.0		µg/Kg	1	8/9/2019 03:26 PM
Tert-amyl methyl ether	ND	5.0		µg/Kg	1	8/9/2019 03:26 PM
Tert-Butanol	ND	25		µg/Kg	1	8/9/2019 03:26 PM
tert-Butylbenzene	ND	5.0		µg/Kg	1	8/9/2019 03:26 PM
Tetrachloroethene	ND	5.0		µg/Kg	1	8/9/2019 03:26 PM
Toluene	ND	5.0		µg/Kg	1	8/9/2019 03:26 PM
trans-1,2-Dichloroethene	ND	5.0		µg/Kg	1	8/9/2019 03:26 PM
Trichloroethene	ND	5.0		µg/Kg	1	8/9/2019 03:26 PM
Trichlorofluoromethane	ND	5.0		µg/Kg	1	8/9/2019 03:26 PM
Vinyl chloride	ND	5.0		µg/Kg	1	8/9/2019 03:26 PM
Xylenes, Total	ND	15		µg/Kg	1	8/9/2019 03:26 PM
Surr: 1,2-Dichloroethane-d4	107	70-156		%REC	1	8/9/2019 03:26 PM
Surr: 4-Bromofluorobenzene	98.6	73-129		%REC	1	8/9/2019 03:26 PM
Surr: Dibromofluoromethane	104	73-146		%REC	1	8/9/2019 03:26 PM
Surr: Toluene-d8	96.4	80-120		%REC	1	8/9/2019 03:26 PM
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID				**EPA 8015B**		
	EPA 3550B					
RunID: NV00922-GC3_190815B	QC Batch: 74955			PrepDate: 8/9/2019		Analyst: **LLR**

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
DO	Surrogate Diluted Out		

CLIENT:	Geo-Cal, Inc.	**Client Sample ID:**	HB3-10'
Lab Order:	N036834	**Collection Date:**	8/3/2019 8:10:00 AM
Project:	1395 E. Washington St. Colton, CA 92324	**Matrix:**	SOIL
Lab ID:	N036834-010		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID						
EPA 3550B				**EPA 8015B**		
RunID: NV00922-GC3_190815B QC Batch: 74955				PrepDate:	8/9/2019	Analyst: **LLR**
DRO	ND	10		mg/Kg	1	8/16/2019 12:44 AM
ORO	ND	10		mg/Kg	1	8/16/2019 12:44 AM
Surr: p-Terphenyl	123	56-133		%REC	1	8/16/2019 12:44 AM
GASOLINE RANGE ORGANICS BY GC/FID						
				EPA 8015B		
RunID: NV00922-GC4_190809B QC Batch: E19VS122				PrepDate:		Analyst: **RAB**
GRO	ND	1.0		mg/Kg	1	8/10/2019 03:11 AM
Surr: Chlorobenzene - d5	118	47-163		%REC	1	8/10/2019 03:11 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
DO	Surrogate Diluted Out		

CLIENT:	Geo-Cal, Inc.	**Client Sample ID:**	HB3-25'
Lab Order:	N036834	**Collection Date:**	8/3/2019 8:20:00 AM
Project:	1395 E. Washington St. Colton, CA 92324	**Matrix:**	SOIL
Lab ID:	N036834-012		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS						
		EPA 8260B				
RunID: CA01638-MS10_190809A	QC Batch: CA19VS139			PrepDate:		Analyst: **AW**
1,1,1,2-Tetrachloroethane	ND	5.0		µg/Kg	1	8/9/2019 03:52 PM
1,1,1-Trichloroethane	ND	5.0		µg/Kg	1	8/9/2019 03:52 PM
1,1,2,2-Tetrachloroethane	ND	5.0		µg/Kg	1	8/9/2019 03:52 PM
1,1,2-Trichloroethane	ND	5.0		µg/Kg	1	8/9/2019 03:52 PM
1,1-Dichloroethane	ND	5.0		µg/Kg	1	8/9/2019 03:52 PM
1,1-Dichloroethene	ND	5.0		µg/Kg	1	8/9/2019 03:52 PM
1,1-Dichloropropene	ND	5.0		µg/Kg	1	8/9/2019 03:52 PM
1,2,3-Trichlorobenzene	ND	5.0		µg/Kg	1	8/9/2019 03:52 PM
1,2,3-Trichloropropane	ND	5.0		µg/Kg	1	8/9/2019 03:52 PM
1,2,4-Trichlorobenzene	ND	5.0		µg/Kg	1	8/9/2019 03:52 PM
1,2,4-Trimethylbenzene	ND	5.0		µg/Kg	1	8/9/2019 03:52 PM
1,2-Dibromo-3-chloropropane	ND	10		µg/Kg	1	8/9/2019 03:52 PM
1,2-Dibromoethane	ND	5.0		µg/Kg	1	8/9/2019 03:52 PM
1,2-Dichlorobenzene	ND	5.0		µg/Kg	1	8/9/2019 03:52 PM
1,2-Dichloroethane	ND	5.0		µg/Kg	1	8/9/2019 03:52 PM
1,2-Dichloropropane	ND	5.0		µg/Kg	1	8/9/2019 03:52 PM
1,3,5-Trimethylbenzene	ND	5.0		µg/Kg	1	8/9/2019 03:52 PM
1,3-Dichlorobenzene	ND	5.0		µg/Kg	1	8/9/2019 03:52 PM
1,3-Dichloropropane	ND	5.0		µg/Kg	1	8/9/2019 03:52 PM
1,4-Dichlorobenzene	ND	5.0		µg/Kg	1	8/9/2019 03:52 PM
2,2-Dichloropropane	ND	5.0		µg/Kg	1	8/9/2019 03:52 PM
2-Butanone	ND	50		µg/Kg	1	8/9/2019 03:52 PM
2-Chlorotoluene	ND	5.0		µg/Kg	1	8/9/2019 03:52 PM
4-Chlorotoluene	ND	5.0		µg/Kg	1	8/9/2019 03:52 PM
4-Isopropyltoluene	ND	5.0		µg/Kg	1	8/9/2019 03:52 PM
Benzene	ND	5.0		µg/Kg	1	8/9/2019 03:52 PM
Bromobenzene	ND	5.0		µg/Kg	1	8/9/2019 03:52 PM
Bromodichloromethane	ND	5.0		µg/Kg	1	8/9/2019 03:52 PM
Bromoform	ND	5.0		µg/Kg	1	8/9/2019 03:52 PM
Bromomethane	ND	5.0		µg/Kg	1	8/9/2019 03:52 PM
Carbon tetrachloride	ND	5.0		µg/Kg	1	8/9/2019 03:52 PM
Chlorobenzene	ND	5.0		µg/Kg	1	8/9/2019 03:52 PM
Chloroethane	ND	5.0		µg/Kg	1	8/9/2019 03:52 PM
Chloroform	ND	5.0		µg/Kg	1	8/9/2019 03:52 PM
Chloromethane	ND	5.0		µg/Kg	1	8/9/2019 03:52 PM
cis-1,2-Dichloroethene	ND	5.0		µg/Kg	1	8/9/2019 03:52 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
DO	Surrogate Diluted Out		

CLIENT:	Geo-Cal, Inc.	**Client Sample ID:**	HB3-25'
Lab Order:	N036834	**Collection Date:**	8/3/2019 8:20:00 AM
Project:	1395 E. Washington St. Colton, CA 92324	**Matrix:**	SOIL
Lab ID:	N036834-012		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS				**EPA 8260B**		
RunID: CA01638-MS10_190809A	QC Batch: CA19VS139			PrepDate:		Analyst: **AW**
cis-1,3-Dichloropropene	ND	5.0		µg/Kg	1	8/9/2019 03:52 PM
Di-isopropyl ether	ND	5.0		µg/Kg	1	8/9/2019 03:52 PM
Dibromochloromethane	ND	5.0		µg/Kg	1	8/9/2019 03:52 PM
Dibromomethane	ND	5.0		µg/Kg	1	8/9/2019 03:52 PM
Dichlorodifluoromethane	ND	5.0		µg/Kg	1	8/9/2019 03:52 PM
Ethyl Tert-butyl ether	ND	5.0		µg/Kg	1	8/9/2019 03:52 PM
Ethylbenzene	ND	5.0		µg/Kg	1	8/9/2019 03:52 PM
Freon-113	ND	5.0		µg/Kg	1	8/9/2019 03:52 PM
Hexachlorobutadiene	ND	5.0		µg/Kg	1	8/9/2019 03:52 PM
Isopropylbenzene	ND	5.0		µg/Kg	1	8/9/2019 03:52 PM
m,p-Xylene	ND	10		µg/Kg	1	8/9/2019 03:52 PM
Methylene chloride	ND	5.0		µg/Kg	1	8/9/2019 03:52 PM
MTBE	ND	5.0		µg/Kg	1	8/9/2019 03:52 PM
n-Butylbenzene	ND	5.0		µg/Kg	1	8/9/2019 03:52 PM
n-Propylbenzene	ND	5.0		µg/Kg	1	8/9/2019 03:52 PM
Naphthalene	ND	5.0		µg/Kg	1	8/9/2019 03:52 PM
o-Xylene	ND	5.0		µg/Kg	1	8/9/2019 03:52 PM
sec-Butylbenzene	ND	5.0		µg/Kg	1	8/9/2019 03:52 PM
Styrene	ND	5.0		µg/Kg	1	8/9/2019 03:52 PM
Tert-amyl methyl ether	ND	5.0		µg/Kg	1	8/9/2019 03:52 PM
Tert-Butanol	ND	25		µg/Kg	1	8/9/2019 03:52 PM
tert-Butylbenzene	ND	5.0		µg/Kg	1	8/9/2019 03:52 PM
Tetrachloroethene	ND	5.0		µg/Kg	1	8/9/2019 03:52 PM
Toluene	ND	5.0		µg/Kg	1	8/9/2019 03:52 PM
trans-1,2-Dichloroethene	ND	5.0		µg/Kg	1	8/9/2019 03:52 PM
Trichloroethene	ND	5.0		µg/Kg	1	8/9/2019 03:52 PM
Trichlorofluoromethane	ND	5.0		µg/Kg	1	8/9/2019 03:52 PM
Vinyl chloride	ND	5.0		µg/Kg	1	8/9/2019 03:52 PM
Xylenes, Total	ND	15		µg/Kg	1	8/9/2019 03:52 PM
Surr: 1,2-Dichloroethane-d4	105	70-156		%REC	1	8/9/2019 03:52 PM
Surr: 4-Bromofluorobenzene	96.3	73-129		%REC	1	8/9/2019 03:52 PM
Surr: Dibromofluoromethane	98.4	73-146		%REC	1	8/9/2019 03:52 PM
Surr: Toluene-d8	94.3	80-120		%REC	1	8/9/2019 03:52 PM
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID				**EPA 8015B**		
	EPA 3550B					
RunID: NV00922-GC3_190815B	QC Batch: 74955			PrepDate:	8/9/2019	Analyst: **LLR**

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
DO	Surrogate Diluted Out		

CLIENT:	Geo-Cal, Inc.	**Client Sample ID:**	HB3-25'
Lab Order:	N036834	**Collection Date:**	8/3/2019 8:20:00 AM
Project:	1395 E. Washington St. Colton, CA 92324	**Matrix:**	SOIL
Lab ID:	N036834-012		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID						
EPA 3550B				**EPA 8015B**		
RunID: NV00922-GC3_190815B QC Batch: 74955				PrepDate:	8/9/2019	Analyst: **LLR**
DRO	ND	10		mg/Kg	1	8/16/2019 01:13 AM
ORO	ND	10		mg/Kg	1	8/16/2019 01:13 AM
Surr: p-Terphenyl	121	56-133		%REC	1	8/16/2019 01:13 AM
GASOLINE RANGE ORGANICS BY GC/FID						
				EPA 8015B		
RunID: NV00922-GC4_190809B QC Batch: E19VS122				PrepDate:		Analyst: **RAB**
GRO	ND	1.0		mg/Kg	1	8/10/2019 03:42 AM
Surr: Chlorobenzene - d5	114	47-163		%REC	1	8/10/2019 03:42 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
DO	Surrogate Diluted Out		

CLIENT:	Geo-Cal, Inc.	**Client Sample ID:**	HB4-10'
Lab Order:	N036834	**Collection Date:**	8/3/2019 8:45:00 AM
Project:	1395 E. Washington St. Colton, CA 92324	**Matrix:**	SOIL
Lab ID:	N036834-014		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS						
		EPA 8260B				
RunID: CA01638-MS10_190809A	QC Batch: CA19VS139			PrepDate:		Analyst: **AW**
1,1,1,2-Tetrachloroethane	ND	5.0		µg/Kg	1	8/9/2019 04:17 PM
1,1,1-Trichloroethane	ND	5.0		µg/Kg	1	8/9/2019 04:17 PM
1,1,2,2-Tetrachloroethane	ND	5.0		µg/Kg	1	8/9/2019 04:17 PM
1,1,2-Trichloroethane	ND	5.0		µg/Kg	1	8/9/2019 04:17 PM
1,1-Dichloroethane	ND	5.0		µg/Kg	1	8/9/2019 04:17 PM
1,1-Dichloroethene	ND	5.0		µg/Kg	1	8/9/2019 04:17 PM
1,1-Dichloropropene	ND	5.0		µg/Kg	1	8/9/2019 04:17 PM
1,2,3-Trichlorobenzene	ND	5.0		µg/Kg	1	8/9/2019 04:17 PM
1,2,3-Trichloropropane	ND	5.0		µg/Kg	1	8/9/2019 04:17 PM
1,2,4-Trichlorobenzene	ND	5.0		µg/Kg	1	8/9/2019 04:17 PM
1,2,4-Trimethylbenzene	ND	5.0		µg/Kg	1	8/9/2019 04:17 PM
1,2-Dibromo-3-chloropropane	ND	10		µg/Kg	1	8/9/2019 04:17 PM
1,2-Dibromoethane	ND	5.0		µg/Kg	1	8/9/2019 04:17 PM
1,2-Dichlorobenzene	ND	5.0		µg/Kg	1	8/9/2019 04:17 PM
1,2-Dichloroethane	ND	5.0		µg/Kg	1	8/9/2019 04:17 PM
1,2-Dichloropropane	ND	5.0		µg/Kg	1	8/9/2019 04:17 PM
1,3,5-Trimethylbenzene	ND	5.0		µg/Kg	1	8/9/2019 04:17 PM
1,3-Dichlorobenzene	ND	5.0		µg/Kg	1	8/9/2019 04:17 PM
1,3-Dichloropropane	ND	5.0		µg/Kg	1	8/9/2019 04:17 PM
1,4-Dichlorobenzene	ND	5.0		µg/Kg	1	8/9/2019 04:17 PM
2,2-Dichloropropane	ND	5.0		µg/Kg	1	8/9/2019 04:17 PM
2-Butanone	ND	50		µg/Kg	1	8/9/2019 04:17 PM
2-Chlorotoluene	ND	5.0		µg/Kg	1	8/9/2019 04:17 PM
4-Chlorotoluene	ND	5.0		µg/Kg	1	8/9/2019 04:17 PM
4-Isopropyltoluene	ND	5.0		µg/Kg	1	8/9/2019 04:17 PM
Benzene	ND	5.0		µg/Kg	1	8/9/2019 04:17 PM
Bromobenzene	ND	5.0		µg/Kg	1	8/9/2019 04:17 PM
Bromodichloromethane	ND	5.0		µg/Kg	1	8/9/2019 04:17 PM
Bromoform	ND	5.0		µg/Kg	1	8/9/2019 04:17 PM
Bromomethane	ND	5.0		µg/Kg	1	8/9/2019 04:17 PM
Carbon tetrachloride	ND	5.0		µg/Kg	1	8/9/2019 04:17 PM
Chlorobenzene	ND	5.0		µg/Kg	1	8/9/2019 04:17 PM
Chloroethane	ND	5.0		µg/Kg	1	8/9/2019 04:17 PM
Chloroform	ND	5.0		µg/Kg	1	8/9/2019 04:17 PM
Chloromethane	ND	5.0		µg/Kg	1	8/9/2019 04:17 PM
cis-1,2-Dichloroethene	ND	5.0		µg/Kg	1	8/9/2019 04:17 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
DO	Surrogate Diluted Out		

CLIENT:	Geo-Cal, Inc.	**Client Sample ID:**	HB4-10'
Lab Order:	N036834	**Collection Date:**	8/3/2019 8:45:00 AM
Project:	1395 E. Washington St. Colton, CA 92324	**Matrix:**	SOIL
Lab ID:	N036834-014		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS				**EPA 8260B**		
RunID: CA01638-MS10_190809A	QC Batch: CA19VS139			PrepDate:		Analyst: **AW**
cis-1,3-Dichloropropene	ND	5.0		µg/Kg	1	8/9/2019 04:17 PM
Di-isopropyl ether	ND	5.0		µg/Kg	1	8/9/2019 04:17 PM
Dibromochloromethane	ND	5.0		µg/Kg	1	8/9/2019 04:17 PM
Dibromomethane	ND	5.0		µg/Kg	1	8/9/2019 04:17 PM
Dichlorodifluoromethane	ND	5.0		µg/Kg	1	8/9/2019 04:17 PM
Ethyl Tert-butyl ether	ND	5.0		µg/Kg	1	8/9/2019 04:17 PM
Ethylbenzene	ND	5.0		µg/Kg	1	8/9/2019 04:17 PM
Freon-113	ND	5.0		µg/Kg	1	8/9/2019 04:17 PM
Hexachlorobutadiene	ND	5.0		µg/Kg	1	8/9/2019 04:17 PM
Isopropylbenzene	ND	5.0		µg/Kg	1	8/9/2019 04:17 PM
m,p-Xylene	ND	10		µg/Kg	1	8/9/2019 04:17 PM
Methylene chloride	ND	5.0		µg/Kg	1	8/9/2019 04:17 PM
MTBE	ND	5.0		µg/Kg	1	8/9/2019 04:17 PM
n-Butylbenzene	ND	5.0		µg/Kg	1	8/9/2019 04:17 PM
n-Propylbenzene	ND	5.0		µg/Kg	1	8/9/2019 04:17 PM
Naphthalene	ND	5.0		µg/Kg	1	8/9/2019 04:17 PM
o-Xylene	ND	5.0		µg/Kg	1	8/9/2019 04:17 PM
sec-Butylbenzene	ND	5.0		µg/Kg	1	8/9/2019 04:17 PM
Styrene	ND	5.0		µg/Kg	1	8/9/2019 04:17 PM
Tert-amyl methyl ether	ND	5.0		µg/Kg	1	8/9/2019 04:17 PM
Tert-Butanol	ND	25		µg/Kg	1	8/9/2019 04:17 PM
tert-Butylbenzene	ND	5.0		µg/Kg	1	8/9/2019 04:17 PM
Tetrachloroethene	ND	5.0		µg/Kg	1	8/9/2019 04:17 PM
Toluene	ND	5.0		µg/Kg	1	8/9/2019 04:17 PM
trans-1,2-Dichloroethene	ND	5.0		µg/Kg	1	8/9/2019 04:17 PM
Trichloroethene	ND	5.0		µg/Kg	1	8/9/2019 04:17 PM
Trichlorofluoromethane	ND	5.0		µg/Kg	1	8/9/2019 04:17 PM
Vinyl chloride	ND	5.0		µg/Kg	1	8/9/2019 04:17 PM
Xylenes, Total	ND	15		µg/Kg	1	8/9/2019 04:17 PM
Surr: 1,2-Dichloroethane-d4	96.0	70-156		%REC	1	8/9/2019 04:17 PM
Surr: 4-Bromofluorobenzene	92.0	73-129		%REC	1	8/9/2019 04:17 PM
Surr: Dibromofluoromethane	92.1	73-146		%REC	1	8/9/2019 04:17 PM
Surr: Toluene-d8	80.9	80-120		%REC	1	8/9/2019 04:17 PM
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID				**EPA 8015B**		
	EPA 3550B					
RunID: NV00922-GC3_190815B	QC Batch: 74955			PrepDate: 8/9/2019		Analyst: **LLR**

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
DO	Surrogate Diluted Out		

CLIENT:	Geo-Cal, Inc.	**Client Sample ID:**	HB4-10'
Lab Order:	N036834	**Collection Date:**	8/3/2019 8:45:00 AM
Project:	1395 E. Washington St. Colton, CA 92324	**Matrix:**	SOIL
Lab ID:	N036834-014		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID						
EPA 3550B				**EPA 8015B**		
RunID: NV00922-GC3_190815B QC Batch: 74955				PrepDate:	8/9/2019	Analyst: **LLR**
DRO	ND	9.9		mg/Kg	1	8/16/2019 01:41 AM
ORO	ND	9.9		mg/Kg	1	8/16/2019 01:41 AM
Surr: p-Terphenyl	118	56-133		%REC	1	8/16/2019 01:41 AM
GASOLINE RANGE ORGANICS BY GC/FID						
				EPA 8015B		
RunID: NV00922-GC4_190809B QC Batch: E19VS122				PrepDate:		Analyst: **RAB**
GRO	ND	1.0		mg/Kg	1	8/10/2019 04:12 AM
Surr: Chlorobenzene - d5	111	47-163		%REC	1	8/10/2019 04:12 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
DO	Surrogate Diluted Out		

CLIENT:	Geo-Cal, Inc.	**Client Sample ID:**	HB4-15'
Lab Order:	N036834	**Collection Date:**	8/3/2019 8:55:00 AM
Project:	1395 E. Washington St. Colton, CA 92324	**Matrix:**	SOIL
Lab ID:	N036834-015		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS						
		EPA 8260B				
RunID: CA01638-MS10_190809A	QC Batch: CA19VS139			PrepDate:		Analyst: **AW**
1,1,1,2-Tetrachloroethane	ND	5.0		µg/Kg	1	8/9/2019 04:42 PM
1,1,1-Trichloroethane	ND	5.0		µg/Kg	1	8/9/2019 04:42 PM
1,1,2,2-Tetrachloroethane	ND	5.0		µg/Kg	1	8/9/2019 04:42 PM
1,1,2-Trichloroethane	ND	5.0		µg/Kg	1	8/9/2019 04:42 PM
1,1-Dichloroethane	ND	5.0		µg/Kg	1	8/9/2019 04:42 PM
1,1-Dichloroethene	ND	5.0		µg/Kg	1	8/9/2019 04:42 PM
1,1-Dichloropropene	ND	5.0		µg/Kg	1	8/9/2019 04:42 PM
1,2,3-Trichlorobenzene	ND	5.0		µg/Kg	1	8/9/2019 04:42 PM
1,2,3-Trichloropropane	ND	5.0		µg/Kg	1	8/9/2019 04:42 PM
1,2,4-Trichlorobenzene	ND	5.0		µg/Kg	1	8/9/2019 04:42 PM
1,2,4-Trimethylbenzene	ND	5.0		µg/Kg	1	8/9/2019 04:42 PM
1,2-Dibromo-3-chloropropane	ND	10		µg/Kg	1	8/9/2019 04:42 PM
1,2-Dibromoethane	ND	5.0		µg/Kg	1	8/9/2019 04:42 PM
1,2-Dichlorobenzene	ND	5.0		µg/Kg	1	8/9/2019 04:42 PM
1,2-Dichloroethane	ND	5.0		µg/Kg	1	8/9/2019 04:42 PM
1,2-Dichloropropane	ND	5.0		µg/Kg	1	8/9/2019 04:42 PM
1,3,5-Trimethylbenzene	ND	5.0		µg/Kg	1	8/9/2019 04:42 PM
1,3-Dichlorobenzene	ND	5.0		µg/Kg	1	8/9/2019 04:42 PM
1,3-Dichloropropane	ND	5.0		µg/Kg	1	8/9/2019 04:42 PM
1,4-Dichlorobenzene	ND	5.0		µg/Kg	1	8/9/2019 04:42 PM
2,2-Dichloropropane	ND	5.0		µg/Kg	1	8/9/2019 04:42 PM
2-Butanone	ND	50		µg/Kg	1	8/9/2019 04:42 PM
2-Chlorotoluene	ND	5.0		µg/Kg	1	8/9/2019 04:42 PM
4-Chlorotoluene	ND	5.0		µg/Kg	1	8/9/2019 04:42 PM
4-Isopropyltoluene	ND	5.0		µg/Kg	1	8/9/2019 04:42 PM
Benzene	ND	5.0		µg/Kg	1	8/9/2019 04:42 PM
Bromobenzene	ND	5.0		µg/Kg	1	8/9/2019 04:42 PM
Bromodichloromethane	ND	5.0		µg/Kg	1	8/9/2019 04:42 PM
Bromoform	ND	5.0		µg/Kg	1	8/9/2019 04:42 PM
Bromomethane	ND	5.0		µg/Kg	1	8/9/2019 04:42 PM
Carbon tetrachloride	ND	5.0		µg/Kg	1	8/9/2019 04:42 PM
Chlorobenzene	ND	5.0		µg/Kg	1	8/9/2019 04:42 PM
Chloroethane	ND	5.0		µg/Kg	1	8/9/2019 04:42 PM
Chloroform	ND	5.0		µg/Kg	1	8/9/2019 04:42 PM
Chloromethane	ND	5.0		µg/Kg	1	8/9/2019 04:42 PM
cis-1,2-Dichloroethene	ND	5.0		µg/Kg	1	8/9/2019 04:42 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
DO	Surrogate Diluted Out		

CLIENT:	Geo-Cal, Inc.	**Client Sample ID:**	HB4-15'
Lab Order:	N036834	**Collection Date:**	8/3/2019 8:55:00 AM
Project:	1395 E. Washington St. Colton, CA 92324	**Matrix:**	SOIL
Lab ID:	N036834-015		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS				**EPA 8260B**		
RunID: CA01638-MS10_190809A	QC Batch: CA19VS139			PrepDate:		Analyst: **AW**
cis-1,3-Dichloropropene	ND	5.0		µg/Kg	1	8/9/2019 04:42 PM
Di-isopropyl ether	ND	5.0		µg/Kg	1	8/9/2019 04:42 PM
Dibromochloromethane	ND	5.0		µg/Kg	1	8/9/2019 04:42 PM
Dibromomethane	ND	5.0		µg/Kg	1	8/9/2019 04:42 PM
Dichlorodifluoromethane	ND	5.0		µg/Kg	1	8/9/2019 04:42 PM
Ethyl Tert-butyl ether	ND	5.0		µg/Kg	1	8/9/2019 04:42 PM
Ethylbenzene	ND	5.0		µg/Kg	1	8/9/2019 04:42 PM
Freon-113	ND	5.0		µg/Kg	1	8/9/2019 04:42 PM
Hexachlorobutadiene	ND	5.0		µg/Kg	1	8/9/2019 04:42 PM
Isopropylbenzene	ND	5.0		µg/Kg	1	8/9/2019 04:42 PM
m,p-Xylene	ND	10		µg/Kg	1	8/9/2019 04:42 PM
Methylene chloride	ND	5.0		µg/Kg	1	8/9/2019 04:42 PM
MTBE	ND	5.0		µg/Kg	1	8/9/2019 04:42 PM
n-Butylbenzene	ND	5.0		µg/Kg	1	8/9/2019 04:42 PM
n-Propylbenzene	ND	5.0		µg/Kg	1	8/9/2019 04:42 PM
Naphthalene	ND	5.0		µg/Kg	1	8/9/2019 04:42 PM
o-Xylene	ND	5.0		µg/Kg	1	8/9/2019 04:42 PM
sec-Butylbenzene	ND	5.0		µg/Kg	1	8/9/2019 04:42 PM
Styrene	ND	5.0		µg/Kg	1	8/9/2019 04:42 PM
Tert-amyl methyl ether	ND	5.0		µg/Kg	1	8/9/2019 04:42 PM
Tert-Butanol	ND	25		µg/Kg	1	8/9/2019 04:42 PM
tert-Butylbenzene	ND	5.0		µg/Kg	1	8/9/2019 04:42 PM
Tetrachloroethene	ND	5.0		µg/Kg	1	8/9/2019 04:42 PM
Toluene	ND	5.0		µg/Kg	1	8/9/2019 04:42 PM
trans-1,2-Dichloroethene	ND	5.0		µg/Kg	1	8/9/2019 04:42 PM
Trichloroethene	ND	5.0		µg/Kg	1	8/9/2019 04:42 PM
Trichlorofluoromethane	ND	5.0		µg/Kg	1	8/9/2019 04:42 PM
Vinyl chloride	ND	5.0		µg/Kg	1	8/9/2019 04:42 PM
Xylenes, Total	ND	15		µg/Kg	1	8/9/2019 04:42 PM
Surr: 1,2-Dichloroethane-d4	104	70-156		%REC	1	8/9/2019 04:42 PM
Surr: 4-Bromofluorobenzene	96.2	73-129		%REC	1	8/9/2019 04:42 PM
Surr: Dibromofluoromethane	95.5	73-146		%REC	1	8/9/2019 04:42 PM
Surr: Toluene-d8	93.4	80-120		%REC	1	8/9/2019 04:42 PM
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID				**EPA 8015B**		
	EPA 3550B					
RunID: NV00922-GC3_190815B	QC Batch: 74955			PrepDate: 8/9/2019		Analyst: **LLR**

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
DO	Surrogate Diluted Out		

CLIENT:	Geo-Cal, Inc.	**Client Sample ID:**	HB4-15'
Lab Order:	N036834	**Collection Date:**	8/3/2019 8:55:00 AM
Project:	1395 E. Washington St. Colton, CA 92324	**Matrix:**	SOIL
Lab ID:	N036834-015		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID						
EPA 3550B				**EPA 8015B**		
RunID: NV00922-GC3_190815B QC Batch: 74955				PrepDate:	8/9/2019	Analyst: **LLR**
DRO	ND	10		mg/Kg	1	8/16/2019 02:10 AM
ORO	ND	10		mg/Kg	1	8/16/2019 02:10 AM
Surr: p-Terphenyl	119	56-133		%REC	1	8/16/2019 02:10 AM
GASOLINE RANGE ORGANICS BY GC/FID						
				EPA 8015B		
RunID: NV00922-GC4_190809B QC Batch: E19VS122				PrepDate:		Analyst: **RAB**
GRO	ND	1.0		mg/Kg	1	8/10/2019 04:43 AM
Surr: Chlorobenzene - d5	116	47-163		%REC	1	8/10/2019 04:43 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
DO	Surrogate Diluted Out		

CLIENT:	Geo-Cal, Inc.	**Client Sample ID:**	HB5-10'
Lab Order:	N036834	**Collection Date:**	8/3/2019 9:12:00 AM
Project:	1395 E. Washington St. Colton, CA 92324	**Matrix:**	SOIL
Lab ID:	N036834-017		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS						
		EPA 8260B				
RunID: CA01638-MS10_190809A	QC Batch: CA19VS139			PrepDate:		Analyst: **AW**
1,1,1,2-Tetrachloroethane	ND	5.0		µg/Kg	1	8/9/2019 05:07 PM
1,1,1-Trichloroethane	ND	5.0		µg/Kg	1	8/9/2019 05:07 PM
1,1,2,2-Tetrachloroethane	ND	5.0		µg/Kg	1	8/9/2019 05:07 PM
1,1,2-Trichloroethane	ND	5.0		µg/Kg	1	8/9/2019 05:07 PM
1,1-Dichloroethane	ND	5.0		µg/Kg	1	8/9/2019 05:07 PM
1,1-Dichloroethene	ND	5.0		µg/Kg	1	8/9/2019 05:07 PM
1,1-Dichloropropene	ND	5.0		µg/Kg	1	8/9/2019 05:07 PM
1,2,3-Trichlorobenzene	ND	5.0		µg/Kg	1	8/9/2019 05:07 PM
1,2,3-Trichloropropane	ND	5.0		µg/Kg	1	8/9/2019 05:07 PM
1,2,4-Trichlorobenzene	ND	5.0		µg/Kg	1	8/9/2019 05:07 PM
1,2,4-Trimethylbenzene	ND	5.0		µg/Kg	1	8/9/2019 05:07 PM
1,2-Dibromo-3-chloropropane	ND	10		µg/Kg	1	8/9/2019 05:07 PM
1,2-Dibromoethane	ND	5.0		µg/Kg	1	8/9/2019 05:07 PM
1,2-Dichlorobenzene	ND	5.0		µg/Kg	1	8/9/2019 05:07 PM
1,2-Dichloroethane	ND	5.0		µg/Kg	1	8/9/2019 05:07 PM
1,2-Dichloropropane	ND	5.0		µg/Kg	1	8/9/2019 05:07 PM
1,3,5-Trimethylbenzene	ND	5.0		µg/Kg	1	8/9/2019 05:07 PM
1,3-Dichlorobenzene	ND	5.0		µg/Kg	1	8/9/2019 05:07 PM
1,3-Dichloropropane	ND	5.0		µg/Kg	1	8/9/2019 05:07 PM
1,4-Dichlorobenzene	ND	5.0		µg/Kg	1	8/9/2019 05:07 PM
2,2-Dichloropropane	ND	5.0		µg/Kg	1	8/9/2019 05:07 PM
2-Butanone	ND	50		µg/Kg	1	8/9/2019 05:07 PM
2-Chlorotoluene	ND	5.0		µg/Kg	1	8/9/2019 05:07 PM
4-Chlorotoluene	ND	5.0		µg/Kg	1	8/9/2019 05:07 PM
4-Isopropyltoluene	ND	5.0		µg/Kg	1	8/9/2019 05:07 PM
Benzene	ND	5.0		µg/Kg	1	8/9/2019 05:07 PM
Bromobenzene	ND	5.0		µg/Kg	1	8/9/2019 05:07 PM
Bromodichloromethane	ND	5.0		µg/Kg	1	8/9/2019 05:07 PM
Bromoform	ND	5.0		µg/Kg	1	8/9/2019 05:07 PM
Bromomethane	ND	5.0		µg/Kg	1	8/9/2019 05:07 PM
Carbon tetrachloride	ND	5.0		µg/Kg	1	8/9/2019 05:07 PM
Chlorobenzene	ND	5.0		µg/Kg	1	8/9/2019 05:07 PM
Chloroethane	ND	5.0		µg/Kg	1	8/9/2019 05:07 PM
Chloroform	ND	5.0		µg/Kg	1	8/9/2019 05:07 PM
Chloromethane	ND	5.0		µg/Kg	1	8/9/2019 05:07 PM
cis-1,2-Dichloroethene	ND	5.0		µg/Kg	1	8/9/2019 05:07 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
DO	Surrogate Diluted Out		

CLIENT:	Geo-Cal, Inc.	**Client Sample ID:**	HB5-10'
Lab Order:	N036834	**Collection Date:**	8/3/2019 9:12:00 AM
Project:	1395 E. Washington St. Colton, CA 92324	**Matrix:**	SOIL
Lab ID:	N036834-017		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS				**EPA 8260B**		
RunID: CA01638-MS10_190809A	QC Batch: CA19VS139			PrepDate:		Analyst: **AW**
cis-1,3-Dichloropropene	ND	5.0		µg/Kg	1	8/9/2019 05:07 PM
Di-isopropyl ether	ND	5.0		µg/Kg	1	8/9/2019 05:07 PM
Dibromochloromethane	ND	5.0		µg/Kg	1	8/9/2019 05:07 PM
Dibromomethane	ND	5.0		µg/Kg	1	8/9/2019 05:07 PM
Dichlorodifluoromethane	ND	5.0		µg/Kg	1	8/9/2019 05:07 PM
Ethyl Tert-butyl ether	ND	5.0		µg/Kg	1	8/9/2019 05:07 PM
Ethylbenzene	ND	5.0		µg/Kg	1	8/9/2019 05:07 PM
Freon-113	ND	5.0		µg/Kg	1	8/9/2019 05:07 PM
Hexachlorobutadiene	ND	5.0		µg/Kg	1	8/9/2019 05:07 PM
Isopropylbenzene	ND	5.0		µg/Kg	1	8/9/2019 05:07 PM
m,p-Xylene	ND	10		µg/Kg	1	8/9/2019 05:07 PM
Methylene chloride	ND	5.0		µg/Kg	1	8/9/2019 05:07 PM
MTBE	ND	5.0		µg/Kg	1	8/9/2019 05:07 PM
n-Butylbenzene	ND	5.0		µg/Kg	1	8/9/2019 05:07 PM
n-Propylbenzene	ND	5.0		µg/Kg	1	8/9/2019 05:07 PM
Naphthalene	ND	5.0		µg/Kg	1	8/9/2019 05:07 PM
o-Xylene	ND	5.0		µg/Kg	1	8/9/2019 05:07 PM
sec-Butylbenzene	ND	5.0		µg/Kg	1	8/9/2019 05:07 PM
Styrene	ND	5.0		µg/Kg	1	8/9/2019 05:07 PM
Tert-amyl methyl ether	ND	5.0		µg/Kg	1	8/9/2019 05:07 PM
Tert-Butanol	ND	25		µg/Kg	1	8/9/2019 05:07 PM
tert-Butylbenzene	ND	5.0		µg/Kg	1	8/9/2019 05:07 PM
Tetrachloroethene	ND	5.0		µg/Kg	1	8/9/2019 05:07 PM
Toluene	ND	5.0		µg/Kg	1	8/9/2019 05:07 PM
trans-1,2-Dichloroethene	ND	5.0		µg/Kg	1	8/9/2019 05:07 PM
Trichloroethene	ND	5.0		µg/Kg	1	8/9/2019 05:07 PM
Trichlorofluoromethane	ND	5.0		µg/Kg	1	8/9/2019 05:07 PM
Vinyl chloride	ND	5.0		µg/Kg	1	8/9/2019 05:07 PM
Xylenes, Total	ND	15		µg/Kg	1	8/9/2019 05:07 PM
Surr: 1,2-Dichloroethane-d4	107	70-156		%REC	1	8/9/2019 05:07 PM
Surr: 4-Bromofluorobenzene	88.6	73-129		%REC	1	8/9/2019 05:07 PM
Surr: Dibromofluoromethane	101	73-146		%REC	1	8/9/2019 05:07 PM
Surr: Toluene-d8	88.7	80-120		%REC	1	8/9/2019 05:07 PM
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID				**EPA 8015B**		
	EPA 3550B					
RunID: NV00922-GC3_190815B	QC Batch: 74955			PrepDate:	8/9/2019	Analyst: **LLR**

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
DO	Surrogate Diluted Out		

CLIENT:	Geo-Cal, Inc.	**Client Sample ID:**	HB5-10'
Lab Order:	N036834	**Collection Date:**	8/3/2019 9:12:00 AM
Project:	1395 E. Washington St. Colton, CA 92324	**Matrix:**	SOIL
Lab ID:	N036834-017		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID						
EPA 3550B				**EPA 8015B**		
RunID: NV00922-GC3_190815B QC Batch: 74955				PrepDate:	8/9/2019	Analyst: **LLR**
DRO	ND	10		mg/Kg	1	8/16/2019 02:38 AM
ORO	ND	10		mg/Kg	1	8/16/2019 02:38 AM
Surr: p-Terphenyl	121	56-133		%REC	1	8/16/2019 02:38 AM
GASOLINE RANGE ORGANICS BY GC/FID						
				EPA 8015B		
RunID: NV00922-GC4_190810A QC Batch: E19VS123				PrepDate:		Analyst: **RAB**
GRO	ND	1.0		mg/Kg	1	8/10/2019 11:55 AM
Surr: Chlorobenzene - d5	120	47-163		%REC	1	8/10/2019 11:55 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
DO	Surrogate Diluted Out		

CLIENT:	Geo-Cal, Inc.	**Client Sample ID:**	HB5-20'
Lab Order:	N036834	**Collection Date:**	8/3/2019 9:25:00 AM
Project:	1395 E. Washington St. Colton, CA 92324	**Matrix:**	SOIL
Lab ID:	N036834-019		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS						
		EPA 8260B				
RunID: CA01638-MS10_190809A	QC Batch: CA19VS139			PrepDate:		Analyst: **AW**
1,1,1,2-Tetrachloroethane	ND	5.0		µg/Kg	1	8/9/2019 05:32 PM
1,1,1-Trichloroethane	ND	5.0		µg/Kg	1	8/9/2019 05:32 PM
1,1,2,2-Tetrachloroethane	ND	5.0		µg/Kg	1	8/9/2019 05:32 PM
1,1,2-Trichloroethane	ND	5.0		µg/Kg	1	8/9/2019 05:32 PM
1,1-Dichloroethane	ND	5.0		µg/Kg	1	8/9/2019 05:32 PM
1,1-Dichloroethene	ND	5.0		µg/Kg	1	8/9/2019 05:32 PM
1,1-Dichloropropene	ND	5.0		µg/Kg	1	8/9/2019 05:32 PM
1,2,3-Trichlorobenzene	ND	5.0		µg/Kg	1	8/9/2019 05:32 PM
1,2,3-Trichloropropane	ND	5.0		µg/Kg	1	8/9/2019 05:32 PM
1,2,4-Trichlorobenzene	ND	5.0		µg/Kg	1	8/9/2019 05:32 PM
1,2,4-Trimethylbenzene	ND	5.0		µg/Kg	1	8/9/2019 05:32 PM
1,2-Dibromo-3-chloropropane	ND	10		µg/Kg	1	8/9/2019 05:32 PM
1,2-Dibromoethane	ND	5.0		µg/Kg	1	8/9/2019 05:32 PM
1,2-Dichlorobenzene	ND	5.0		µg/Kg	1	8/9/2019 05:32 PM
1,2-Dichloroethane	ND	5.0		µg/Kg	1	8/9/2019 05:32 PM
1,2-Dichloropropane	ND	5.0		µg/Kg	1	8/9/2019 05:32 PM
1,3,5-Trimethylbenzene	ND	5.0		µg/Kg	1	8/9/2019 05:32 PM
1,3-Dichlorobenzene	ND	5.0		µg/Kg	1	8/9/2019 05:32 PM
1,3-Dichloropropane	ND	5.0		µg/Kg	1	8/9/2019 05:32 PM
1,4-Dichlorobenzene	ND	5.0		µg/Kg	1	8/9/2019 05:32 PM
2,2-Dichloropropane	ND	5.0		µg/Kg	1	8/9/2019 05:32 PM
2-Butanone	ND	50		µg/Kg	1	8/9/2019 05:32 PM
2-Chlorotoluene	ND	5.0		µg/Kg	1	8/9/2019 05:32 PM
4-Chlorotoluene	ND	5.0		µg/Kg	1	8/9/2019 05:32 PM
4-Isopropyltoluene	ND	5.0		µg/Kg	1	8/9/2019 05:32 PM
Benzene	ND	5.0		µg/Kg	1	8/9/2019 05:32 PM
Bromobenzene	ND	5.0		µg/Kg	1	8/9/2019 05:32 PM
Bromodichloromethane	ND	5.0		µg/Kg	1	8/9/2019 05:32 PM
Bromoform	ND	5.0		µg/Kg	1	8/9/2019 05:32 PM
Bromomethane	ND	5.0		µg/Kg	1	8/9/2019 05:32 PM
Carbon tetrachloride	ND	5.0		µg/Kg	1	8/9/2019 05:32 PM
Chlorobenzene	ND	5.0		µg/Kg	1	8/9/2019 05:32 PM
Chloroethane	ND	5.0		µg/Kg	1	8/9/2019 05:32 PM
Chloroform	ND	5.0		µg/Kg	1	8/9/2019 05:32 PM
Chloromethane	ND	5.0		µg/Kg	1	8/9/2019 05:32 PM
cis-1,2-Dichloroethene	ND	5.0		µg/Kg	1	8/9/2019 05:32 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
DO	Surrogate Diluted Out		

CLIENT:	Geo-Cal, Inc.	**Client Sample ID:**	HB5-20'
Lab Order:	N036834	**Collection Date:**	8/3/2019 9:25:00 AM
Project:	1395 E. Washington St. Colton, CA 92324	**Matrix:**	SOIL
Lab ID:	N036834-019		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS				**EPA 8260B**		
RunID: CA01638-MS10_190809A	QC Batch: CA19VS139			PrepDate:		Analyst: **AW**
cis-1,3-Dichloropropene	ND	5.0		µg/Kg	1	8/9/2019 05:32 PM
Di-isopropyl ether	ND	5.0		µg/Kg	1	8/9/2019 05:32 PM
Dibromochloromethane	ND	5.0		µg/Kg	1	8/9/2019 05:32 PM
Dibromomethane	ND	5.0		µg/Kg	1	8/9/2019 05:32 PM
Dichlorodifluoromethane	ND	5.0		µg/Kg	1	8/9/2019 05:32 PM
Ethyl Tert-butyl ether	ND	5.0		µg/Kg	1	8/9/2019 05:32 PM
Ethylbenzene	ND	5.0		µg/Kg	1	8/9/2019 05:32 PM
Freon-113	ND	5.0		µg/Kg	1	8/9/2019 05:32 PM
Hexachlorobutadiene	ND	5.0		µg/Kg	1	8/9/2019 05:32 PM
Isopropylbenzene	ND	5.0		µg/Kg	1	8/9/2019 05:32 PM
m,p-Xylene	ND	10		µg/Kg	1	8/9/2019 05:32 PM
Methylene chloride	ND	5.0		µg/Kg	1	8/9/2019 05:32 PM
MTBE	ND	5.0		µg/Kg	1	8/9/2019 05:32 PM
n-Butylbenzene	ND	5.0		µg/Kg	1	8/9/2019 05:32 PM
n-Propylbenzene	ND	5.0		µg/Kg	1	8/9/2019 05:32 PM
Naphthalene	ND	5.0		µg/Kg	1	8/9/2019 05:32 PM
o-Xylene	ND	5.0		µg/Kg	1	8/9/2019 05:32 PM
sec-Butylbenzene	ND	5.0		µg/Kg	1	8/9/2019 05:32 PM
Styrene	ND	5.0		µg/Kg	1	8/9/2019 05:32 PM
Tert-amyl methyl ether	ND	5.0		µg/Kg	1	8/9/2019 05:32 PM
Tert-Butanol	ND	25		µg/Kg	1	8/9/2019 05:32 PM
tert-Butylbenzene	ND	5.0		µg/Kg	1	8/9/2019 05:32 PM
Tetrachloroethene	ND	5.0		µg/Kg	1	8/9/2019 05:32 PM
Toluene	ND	5.0		µg/Kg	1	8/9/2019 05:32 PM
trans-1,2-Dichloroethene	ND	5.0		µg/Kg	1	8/9/2019 05:32 PM
Trichloroethene	ND	5.0		µg/Kg	1	8/9/2019 05:32 PM
Trichlorofluoromethane	ND	5.0		µg/Kg	1	8/9/2019 05:32 PM
Vinyl chloride	ND	5.0		µg/Kg	1	8/9/2019 05:32 PM
Xylenes, Total	ND	15		µg/Kg	1	8/9/2019 05:32 PM
Surr: 1,2-Dichloroethane-d4	99.9	70-156		%REC	1	8/9/2019 05:32 PM
Surr: 4-Bromofluorobenzene	96.2	73-129		%REC	1	8/9/2019 05:32 PM
Surr: Dibromofluoromethane	95.1	73-146		%REC	1	8/9/2019 05:32 PM
Surr: Toluene-d8	90.3	80-120		%REC	1	8/9/2019 05:32 PM
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID				**EPA 8015B**		
		EPA 3550B				
RunID: NV00922-GC3_190815B	QC Batch: 74955			PrepDate:	8/9/2019	Analyst: **LLR**

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
DO	Surrogate Diluted Out		

CLIENT:	Geo-Cal, Inc.	**Client Sample ID:**	HB5-20'
Lab Order:	N036834	**Collection Date:**	8/3/2019 9:25:00 AM
Project:	1395 E. Washington St. Colton, CA 92324	**Matrix:**	SOIL
Lab ID:	N036834-019		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID						
EPA 3550B				**EPA 8015B**		
RunID: NV00922-GC3_190815B QC Batch: 74955				PrepDate:	8/9/2019	Analyst: **LLR**
DRO	ND	9.9		mg/Kg	1	8/16/2019 03:07 AM
ORO	ND	9.9		mg/Kg	1	8/16/2019 03:07 AM
Surr: p-Terphenyl	121	56-133		%REC	1	8/16/2019 03:07 AM
GASOLINE RANGE ORGANICS BY GC/FID						
				EPA 8015B		
RunID: NV00922-GC4_190814A QC Batch: E19VS124				PrepDate:		Analyst: **RAB**
GRO	ND	1.0		mg/Kg	1	8/15/2019 11:47 AM
Surr: Chlorobenzene - d5	141	47-163		%REC	1	8/15/2019 11:47 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
DO	Surrogate Diluted Out		

CLIENT:	Geo-Cal, Inc.	**Client Sample ID:**	H5-30'
Lab Order:	N036834	**Collection Date:**	8/3/2019 9:38:00 AM
Project:	1395 E. Washington St. Colton, CA 92324	**Matrix:**	SOIL
Lab ID:	N036834-021		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS						
		EPA 8260B				
RunID: CA01638-MS10_190809A	QC Batch: CA19VS139			PrepDate:		Analyst: **AW**
1,1,1,2-Tetrachloroethane	ND	5.0		µg/Kg	1	8/9/2019 05:56 PM
1,1,1-Trichloroethane	ND	5.0		µg/Kg	1	8/9/2019 05:56 PM
1,1,2,2-Tetrachloroethane	ND	5.0		µg/Kg	1	8/9/2019 05:56 PM
1,1,2-Trichloroethane	ND	5.0		µg/Kg	1	8/9/2019 05:56 PM
1,1-Dichloroethane	ND	5.0		µg/Kg	1	8/9/2019 05:56 PM
1,1-Dichloroethene	ND	5.0		µg/Kg	1	8/9/2019 05:56 PM
1,1-Dichloropropene	ND	5.0		µg/Kg	1	8/9/2019 05:56 PM
1,2,3-Trichlorobenzene	ND	5.0		µg/Kg	1	8/9/2019 05:56 PM
1,2,3-Trichloropropane	ND	5.0		µg/Kg	1	8/9/2019 05:56 PM
1,2,4-Trichlorobenzene	ND	5.0		µg/Kg	1	8/9/2019 05:56 PM
1,2,4-Trimethylbenzene	ND	5.0		µg/Kg	1	8/9/2019 05:56 PM
1,2-Dibromo-3-chloropropane	ND	10		µg/Kg	1	8/9/2019 05:56 PM
1,2-Dibromoethane	ND	5.0		µg/Kg	1	8/9/2019 05:56 PM
1,2-Dichlorobenzene	ND	5.0		µg/Kg	1	8/9/2019 05:56 PM
1,2-Dichloroethane	ND	5.0		µg/Kg	1	8/9/2019 05:56 PM
1,2-Dichloropropane	ND	5.0		µg/Kg	1	8/9/2019 05:56 PM
1,3,5-Trimethylbenzene	ND	5.0		µg/Kg	1	8/9/2019 05:56 PM
1,3-Dichlorobenzene	ND	5.0		µg/Kg	1	8/9/2019 05:56 PM
1,3-Dichloropropane	ND	5.0		µg/Kg	1	8/9/2019 05:56 PM
1,4-Dichlorobenzene	ND	5.0		µg/Kg	1	8/9/2019 05:56 PM
2,2-Dichloropropane	ND	5.0		µg/Kg	1	8/9/2019 05:56 PM
2-Butanone	ND	50		µg/Kg	1	8/9/2019 05:56 PM
2-Chlorotoluene	ND	5.0		µg/Kg	1	8/9/2019 05:56 PM
4-Chlorotoluene	ND	5.0		µg/Kg	1	8/9/2019 05:56 PM
4-Isopropyltoluene	ND	5.0		µg/Kg	1	8/9/2019 05:56 PM
Benzene	ND	5.0		µg/Kg	1	8/9/2019 05:56 PM
Bromobenzene	ND	5.0		µg/Kg	1	8/9/2019 05:56 PM
Bromodichloromethane	ND	5.0		µg/Kg	1	8/9/2019 05:56 PM
Bromoform	ND	5.0		µg/Kg	1	8/9/2019 05:56 PM
Bromomethane	ND	5.0		µg/Kg	1	8/9/2019 05:56 PM
Carbon tetrachloride	ND	5.0		µg/Kg	1	8/9/2019 05:56 PM
Chlorobenzene	ND	5.0		µg/Kg	1	8/9/2019 05:56 PM
Chloroethane	ND	5.0		µg/Kg	1	8/9/2019 05:56 PM
Chloroform	ND	5.0		µg/Kg	1	8/9/2019 05:56 PM
Chloromethane	ND	5.0		µg/Kg	1	8/9/2019 05:56 PM
cis-1,2-Dichloroethene	ND	5.0		µg/Kg	1	8/9/2019 05:56 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
DO	Surrogate Diluted Out		

CLIENT:	Geo-Cal, Inc.	**Client Sample ID:**	H5-30'
Lab Order:	N036834	**Collection Date:**	8/3/2019 9:38:00 AM
Project:	1395 E. Washington St. Colton, CA 92324	**Matrix:**	SOIL
Lab ID:	N036834-021		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS				**EPA 8260B**		
RunID: CA01638-MS10_190809A	QC Batch: CA19VS139			PrepDate:		Analyst: **AW**
cis-1,3-Dichloropropene	ND	5.0		µg/Kg	1	8/9/2019 05:56 PM
Di-isopropyl ether	ND	5.0		µg/Kg	1	8/9/2019 05:56 PM
Dibromochloromethane	ND	5.0		µg/Kg	1	8/9/2019 05:56 PM
Dibromomethane	ND	5.0		µg/Kg	1	8/9/2019 05:56 PM
Dichlorodifluoromethane	ND	5.0		µg/Kg	1	8/9/2019 05:56 PM
Ethyl Tert-butyl ether	ND	5.0		µg/Kg	1	8/9/2019 05:56 PM
Ethylbenzene	ND	5.0		µg/Kg	1	8/9/2019 05:56 PM
Freon-113	ND	5.0		µg/Kg	1	8/9/2019 05:56 PM
Hexachlorobutadiene	ND	5.0		µg/Kg	1	8/9/2019 05:56 PM
Isopropylbenzene	ND	5.0		µg/Kg	1	8/9/2019 05:56 PM
m,p-Xylene	ND	10		µg/Kg	1	8/9/2019 05:56 PM
Methylene chloride	ND	5.0		µg/Kg	1	8/9/2019 05:56 PM
MTBE	ND	5.0		µg/Kg	1	8/9/2019 05:56 PM
n-Butylbenzene	ND	5.0		µg/Kg	1	8/9/2019 05:56 PM
n-Propylbenzene	ND	5.0		µg/Kg	1	8/9/2019 05:56 PM
Naphthalene	ND	5.0		µg/Kg	1	8/9/2019 05:56 PM
o-Xylene	ND	5.0		µg/Kg	1	8/9/2019 05:56 PM
sec-Butylbenzene	ND	5.0		µg/Kg	1	8/9/2019 05:56 PM
Styrene	ND	5.0		µg/Kg	1	8/9/2019 05:56 PM
Tert-amyl methyl ether	ND	5.0		µg/Kg	1	8/9/2019 05:56 PM
Tert-Butanol	ND	25		µg/Kg	1	8/9/2019 05:56 PM
tert-Butylbenzene	ND	5.0		µg/Kg	1	8/9/2019 05:56 PM
Tetrachloroethene	ND	5.0		µg/Kg	1	8/9/2019 05:56 PM
Toluene	ND	5.0		µg/Kg	1	8/9/2019 05:56 PM
trans-1,2-Dichloroethene	ND	5.0		µg/Kg	1	8/9/2019 05:56 PM
Trichloroethene	ND	5.0		µg/Kg	1	8/9/2019 05:56 PM
Trichlorofluoromethane	ND	5.0		µg/Kg	1	8/9/2019 05:56 PM
Vinyl chloride	ND	5.0		µg/Kg	1	8/9/2019 05:56 PM
Xylenes, Total	ND	15		µg/Kg	1	8/9/2019 05:56 PM
Surr: 1,2-Dichloroethane-d4	99.9	70-156		%REC	1	8/9/2019 05:56 PM
Surr: 4-Bromofluorobenzene	90.5	73-129		%REC	1	8/9/2019 05:56 PM
Surr: Dibromofluoromethane	95.3	73-146		%REC	1	8/9/2019 05:56 PM
Surr: Toluene-d8	84.8	80-120		%REC	1	8/9/2019 05:56 PM
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID				**EPA 8015B**		
		EPA 3550B				
RunID: NV00922-GC3_190815B	QC Batch: 74955			PrepDate:	8/9/2019	Analyst: **LLR**

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
DO	Surrogate Diluted Out		

CLIENT:	Geo-Cal, Inc.	**Client Sample ID:**	H5-30'
Lab Order:	N036834	**Collection Date:**	8/3/2019 9:38:00 AM
Project:	1395 E. Washington St. Colton, CA 92324	**Matrix:**	SOIL
Lab ID:	N036834-021		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID						
EPA 3550B				**EPA 8015B**		
RunID: NV00922-GC3_190815B QC Batch: 74955				PrepDate:	8/9/2019	Analyst: **LLR**
DRO	ND	9.9		mg/Kg	1	8/16/2019 03:35 AM
ORO	ND	9.9		mg/Kg	1	8/16/2019 03:35 AM
Surr: p-Terphenyl	118	56-133		%REC	1	8/16/2019 03:35 AM
GASOLINE RANGE ORGANICS BY GC/FID						
				EPA 8015B		
RunID: NV00922-GC4_190810A QC Batch: E19VS123				PrepDate:		Analyst: **RAB**
GRO	ND	1.0		mg/Kg	1	8/10/2019 10:54 AM
Surr: Chlorobenzene - d5	125	47-163		%REC	1	8/10/2019 10:54 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
DO	Surrogate Diluted Out		

CLIENT: Geo-Cal, Inc.
Work Order: N036834
Project: 1395 E. Washington St. Colton, CA 92324

ANALYTICAL QC SUMMARY REPORT

TestCode: 8015_S_DM H

Sample ID: **MB-74955**	SampType: **MBLK**	TestCode: **8015_S_DM H**	Units: **mg/Kg**	Prep Date: **8/9/2019**	RunNo: **135867**
Client ID: **PBS**	Batch ID: **74955**	TestNo: **EPA 8015B**	**EPA 3550B**	Analysis Date: **8/15/2019**	SeqNo: **3482309**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
DRO	6.622	10									
ORO	7.038	10									
Surr: p-Terphenyl	83.104		80.00		104	56	133				

Sample ID: **LCS-74955**	SampType: **LCS**	TestCode: **8015_S_DM H**	Units: **mg/Kg**	Prep Date: **8/9/2019**	RunNo: **135867**
Client ID: **LCSS**	Batch ID: **74955**	TestNo: **EPA 8015B**	**EPA 3550B**	Analysis Date: **8/15/2019**	SeqNo: **3482310**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
DRO	854.800	10	1000	0	85.5	69	123				
Surr: p-Terphenyl	78.502		80.00		98.1	56	133				

Sample ID: **N036790-001A-MS**	SampType: **MS**	TestCode: **8015_S_DM H**	Units: **mg/Kg**	Prep Date: **8/9/2019**	RunNo: **135867**
Client ID: **ZZZZZZ**	Batch ID: **74955**	TestNo: **EPA 8015B**	**EPA 3550B**	Analysis Date: **8/15/2019**	SeqNo: **3482312**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
DRO	4664.610	9.9	990.1	3955	71.7	46	142				
Surr: p-Terphenyl	68.524		79.21		86.5	56	133				

Sample ID: **N036790-001A-MSD**	SampType: **MSD**	TestCode: **8015_S_DM H**	Units: **mg/Kg**	Prep Date: **8/9/2019**	RunNo: **135867**
Client ID: **ZZZZZZ**	Batch ID: **74955**	TestNo: **EPA 8015B**	**EPA 3550B**	Analysis Date: **8/15/2019**	SeqNo: **3482313**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
DRO	2117.977	10	999.0	3955	-184	46	142	4665	75.1	20	SR
Surr: p-Terphenyl	32.797		79.92		41.0	56	133		0		S

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		

CLIENT: Geo-Cal, Inc.
Work Order: N036834
Project: 1395 E. Washington St. Colton, CA 92324

ANALYTICAL QC SUMMARY REPORT

TestCode: 8015GAS_S

Sample ID: **E190809LCS2** SampType: **LCS** TestCode: **8015GAS_S** Units: **mg/Kg** Prep Date: RunNo: **135718**
Client ID: **LCSS** Batch ID: **E19VS122** TestNo: **EPA 8015B** Analysis Date: **8/9/2019** SeqNo: **3479809**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	4.951	1.0	5.000	0	99.0	72	136				
Surr: Chlorobenzene - d5	102.634		100.0		103	47	163				

Sample ID: **E190809MB2** SampType: **MBLK** TestCode: **8015GAS_S** Units: **mg/Kg** Prep Date: RunNo: **135718**
Client ID: **PBS** Batch ID: **E19VS122** TestNo: **EPA 8015B** Analysis Date: **8/9/2019** SeqNo: **3479810**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	ND	1.0									
Surr: Chlorobenzene - d5	131.277		100.0		131	47	163				

Sample ID: **N036834-001AMS** SampType: **MS** TestCode: **8015GAS_S** Units: **mg/Kg** Prep Date: RunNo: **135718**
Client ID: **ZZZZZZ** Batch ID: **E19VS122** TestNo: **EPA 8015B** Analysis Date: **8/9/2019** SeqNo: **3479815**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	5.003	1.0	5.000	0	100	43	153				
Surr: Chlorobenzene - d5	114.200		100.0		114	47	163				

Sample ID: **N036834-001AMSD** SampType: **MSD** TestCode: **8015GAS_S** Units: **mg/Kg** Prep Date: RunNo: **135718**
Client ID: **ZZZZZZ** Batch ID: **E19VS122** TestNo: **EPA 8015B** Analysis Date: **8/9/2019** SeqNo: **3479816**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	5.059	1.0	5.000	0	101	43	153	5.003	1.11	20	
Surr: Chlorobenzene - d5	113.702		100.0		114	47	163		0		

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		

CLIENT: Geo-Cal, Inc.
Work Order: N036834
Project: 1395 E. Washington St. Colton, CA 92324

ANALYTICAL QC SUMMARY REPORT

TestCode: 8015GAS_S

Sample ID: **E190810LCS** SampType: **LCS** TestCode: **8015GAS_S** Units: **mg/Kg** Prep Date: RunNo: **135719**
Client ID: **LCSS** Batch ID: **E19VS123** TestNo: **EPA 8015B** Analysis Date: **8/10/2019** SeqNo: **3478179**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	4.423	1.0	5.000	0	88.5	72	136				
Surr: Chlorobenzene - d5	87.830		100.0		87.8	47	163				

Sample ID: **E190810MB1** SampType: **MBLK** TestCode: **8015GAS_S** Units: **mg/Kg** Prep Date: RunNo: **135719**
Client ID: **PBS** Batch ID: **E19VS123** TestNo: **EPA 8015B** Analysis Date: **8/10/2019** SeqNo: **3478180**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	ND	1.0									
Surr: Chlorobenzene - d5	103.486		100.0		103	47	163				

Sample ID: **N036834-021AMS** SampType: **MS** TestCode: **8015GAS_S** Units: **mg/Kg** Prep Date: RunNo: **135719**
Client ID: **ZZZZZZ** Batch ID: **E19VS123** TestNo: **EPA 8015B** Analysis Date: **8/10/2019** SeqNo: **3481286**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	4.605	1.0	5.000	0	92.1	43	153				
Surr: Chlorobenzene - d5	104.353		100.0		104	47	163				

Sample ID: **N036834-021AMSD** SampType: **MSD** TestCode: **8015GAS_S** Units: **mg/Kg** Prep Date: RunNo: **135719**
Client ID: **ZZZZZZ** Batch ID: **E19VS123** TestNo: **EPA 8015B** Analysis Date: **8/10/2019** SeqNo: **3481287**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	4.388	1.0	5.000	0	87.8	43	153	4.605	4.83	20	
Surr: Chlorobenzene - d5	97.029		100.0		97.0	47	163		0		

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		

CLIENT: Geo-Cal, Inc.
Work Order: N036834
Project: 1395 E. Washington St. Colton, CA 92324

ANALYTICAL QC SUMMARY REPORT

TestCode: 8015GAS_S

Sample ID: **E190814LCS**	SampType: **LCS**	TestCode: **8015GAS_S**	Units: **mg/Kg**	Prep Date:	RunNo: **135862**
Client ID: **LCSS**	Batch ID: **E19VS124**	TestNo: **EPA 8015B**		Analysis Date: **8/14/2019**	SeqNo: **3482098**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	4.952	1.0	5.000	0	99.0	72	136				
Surr: Chlorobenzene - d5	106.956		100.0		107	47	163				

Sample ID: **E190814LCSD**	SampType: **LCSD**	TestCode: **8015GAS_S**	Units: **mg/Kg**	Prep Date:	RunNo: **135862**
Client ID: **LCSS02**	Batch ID: **E19VS124**	TestNo: **EPA 8015B**		Analysis Date: **8/14/2019**	SeqNo: **3482099**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	4.798	1.0	5.000	0	96.0	72	136	4.952	3.16	20	
Surr: Chlorobenzene - d5	107.659		100.0		108	47	163		0		

Sample ID: **E190814MB1**	SampType: **MBLK**	TestCode: **8015GAS_S**	Units: **mg/Kg**	Prep Date:	RunNo: **135862**
Client ID: **PBS**	Batch ID: **E19VS124**	TestNo: **EPA 8015B**		Analysis Date: **8/14/2019**	SeqNo: **3482100**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	ND	1.0									
Surr: Chlorobenzene - d5	116.747		100.0		117	47	163				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		

CLIENT: Geo-Cal, Inc.
Work Order: N036834
Project: 1395 E. Washington St. Colton, CA 92324

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL

Sample ID: **CA190806-LCS** SampType: **LCS** TestCode: **8260SOIL** Units: **µg/Kg** Prep Date: RunNo: **135624**
Client ID: **LCSS** Batch ID: **CA19VS137** TestNo: **EPA 8260B** Analysis Date: **8/6/2019** SeqNo: **3472261**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	46.220	5.0	40.00	0	116	78	127				
1,1,1-Trichloroethane	35.980	5.0	40.00	0	90.0	75	128				
1,1,2,2-Tetrachloroethane	37.890	5.0	40.00	0	94.7	78	126				
1,1,2-Trichloroethane	38.170	5.0	40.00	0	95.4	80	120				
1,1-Dichloroethane	34.750	5.0	40.00	0	86.9	65	136				
1,1-Dichloroethene	33.920	5.0	40.00	0	84.8	66	134				
1,1-Dichloropropene	36.660	5.0	40.00	0	91.7	79	128				
1,2,3-Trichlorobenzene	38.410	5.0	40.00	0	96.0	80	120				
1,2,3-Trichloropropane	36.500	5.0	40.00	0	91.2	79	123				
1,2,4-Trichlorobenzene	33.320	5.0	40.00	0	83.3	74	121				
1,2,4-Trimethylbenzene	45.890	5.0	40.00	0	115	79	128				
1,2-Dibromo-3-chloropropane	38.070	10	40.00	0	95.2	65	131				
1,2-Dibromoethane	35.110	5.0	40.00	0	87.8	79	124				
1,2-Dichlorobenzene	40.410	5.0	40.00	0	101	80	120				
1,2-Dichloroethane	40.380	5.0	40.00	0	101	80	120				
1,2-Dichloropropane	37.490	5.0	40.00	0	93.7	80	120				
1,3,5-Trimethylbenzene	46.260	5.0	40.00	0	116	76	129				
1,3-Dichlorobenzene	39.850	5.0	40.00	0	99.6	80	120				
1,3-Dichloropropane	38.640	5.0	40.00	0	96.6	80	120				
1,4-Dichlorobenzene	41.440	5.0	40.00	0	104	80	120				
2,2-Dichloropropane	39.420	5.0	40.00	0	98.6	66	136				
2-Butanone	233.620	50	400.0	0	58.4	54	145				
2-Chlorotoluene	39.160	5.0	40.00	0	97.9	78	124				
4-Chlorotoluene	40.220	5.0	40.00	0	101	79	125				
4-Isopropyltoluene	42.240	5.0	40.00	0	106	75	130				
Benzene	37.160	5.0	40.00	0	92.9	80	120				
Bromobenzene	36.970	5.0	40.00	0	92.4	80	120				
Bromodichloromethane	40.360	5.0	40.00	0	101	80	127				
Bromoform	46.950	5.0	40.00	0	117	67	136				
Bromomethane	50.220	5.0	40.00	0	126	45	148				

Qualifiers:

B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out
E Value above quantitation range
R RPD outside accepted recovery limits
Calculations are based on raw values
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference

CLIENT: Geo-Cal, Inc.
Work Order: N036834
Project: 1395 E. Washington St. Colton, CA 92324

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL

Sample ID: **CA190806-LCS** SampType: **LCS** TestCode: **8260SOIL** Units: **µg/Kg** Prep Date: RunNo: **135624**
Client ID: **LCSS** Batch ID: **CA19VS137** TestNo: **EPA 8260B** Analysis Date: **8/6/2019** SeqNo: **3472261**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Carbon tetrachloride	40.690	5.0	40.00	0	102	75	137				
Chlorobenzene	41.320	5.0	40.00	0	103	80	120				
Chloroethane	34.640	5.0	40.00	0	86.6	64	145				
Chloroform	35.180	5.0	40.00	0	88.0	75	120				
Chloromethane	44.100	5.0	40.00	0	110	58	139				
cis-1,2-Dichloroethene	36.940	5.0	40.00	0	92.4	76	120				
cis-1,3-Dichloropropene	39.870	5.0	40.00	0	99.7	77	128				
Di-isopropyl ether	31.500	5.0	40.00	0	78.8	63	138				
Dibromochloromethane	43.780	5.0	40.00	0	109	79	124				
Dibromomethane	38.610	5.0	40.00	0	96.5	80	120				
Dichlorodifluoromethane	58.070	5.0	40.00	0	145	64	137				S
Ethyl Tert-butyl ether	36.700	5.0	40.00	0	91.8	59	137				
Ethylbenzene	42.700	5.0	40.00	0	107	79	120				
Freon-113	35.400	5.0	40.00	0	88.5	58	141				
Hexachlorobutadiene	36.780	5.0	40.00	0	92.0	72	126				
Isopropylbenzene	38.770	5.0	40.00	0	96.9	62	130				
m,p-Xylene	95.180	10	80.00	0	119	80	124				
Methylene chloride	34.860	5.0	40.00	0	87.2	65	136				
MTBE	34.730	5.0	40.00	0	86.8	65	130				
n-Butylbenzene	42.210	5.0	40.00	0	106	76	133				
n-Propylbenzene	39.820	5.0	40.00	0	99.6	76	131				
Naphthalene	31.000	5.0	40.00	0	77.5	58	127				
o-Xylene	38.880	5.0	40.00	0	97.2	75	121				
sec-Butylbenzene	43.960	5.0	40.00	0	110	76	133				
Styrene	44.990	5.0	40.00	0	112	80	120				
Tert-amyl methyl ether	36.770	5.0	40.00	0	91.9	69	128				
Tert-Butanol	133.010	25	200.0	0	66.5	36	158				
tert-Butylbenzene	41.260	5.0	40.00	0	103	73	130				
Tetrachloroethene	46.990	5.0	40.00	0	117	77	124				
Toluene	40.470	5.0	40.00	0	101	79	120				

Qualifiers:

B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out
E Value above quantitation range
R RPD outside accepted recovery limits
Calculations are based on raw values
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference

CLIENT: Geo-Cal, Inc.
Work Order: N036834
Project: 1395 E. Washington St. Colton, CA 92324

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL

Sample ID: **CA190806-LCS** SampType: **LCS** TestCode: **8260SOIL** Units: **µg/Kg** Prep Date: RunNo: **135624**
Client ID: **LCSS** Batch ID: **CA19VS137** TestNo: **EPA 8260B** Analysis Date: **8/6/2019** SeqNo: **3472261**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
trans-1,2-Dichloroethene	33.810	5.0	40.00	0	84.5	72	129				
Trichloroethene	39.350	5.0	40.00	0	98.4	80	120				
Trichlorofluoromethane	37.230	5.0	40.00	0	93.1	66	146				
Vinyl chloride	40.320	5.0	40.00	0	101	68	141				
Xylenes, Total	134.060	15	120.0	0	112	70	130				
Surr: 1,2-Dichloroethane-d4	54.870		50.00		110	70	156				
Surr: 4-Bromofluorobenzene	52.990		50.00		106	73	129				
Surr: Dibromofluoromethane	48.590		50.00		97.2	73	146				
Surr: Toluene-d8	54.060		50.00		108	80	120				

Sample ID: **CA190806-LCSD** SampType: **LCSD** TestCode: **8260SOIL** Units: **µg/Kg** Prep Date: RunNo: **135624**
Client ID: **LCSS02** Batch ID: **CA19VS137** TestNo: **EPA 8260B** Analysis Date: **8/6/2019** SeqNo: **3472262**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	43.660	5.0	40.00	0	109	78	127	46.22	5.70	20	
1,1,1-Trichloroethane	37.870	5.0	40.00	0	94.7	75	128	35.98	5.12	20	
1,1,2,2-Tetrachloroethane	41.400	5.0	40.00	0	104	78	126	37.89	8.85	20	
1,1,2-Trichloroethane	38.930	5.0	40.00	0	97.3	80	120	38.17	1.97	20	
1,1-Dichloroethane	44.610	5.0	40.00	0	112	65	136	34.75	24.8	20	R
1,1-Dichloroethene	38.060	5.0	40.00	0	95.2	66	134	33.92	11.5	20	
1,1-Dichloropropene	38.280	5.0	40.00	0	95.7	79	128	36.66	4.32	20	
1,2,3-Trichlorobenzene	39.990	5.0	40.00	0	100	80	120	38.41	4.03	20	
1,2,3-Trichloropropane	40.930	5.0	40.00	0	102	79	123	36.50	11.4	20	
1,2,4-Trichlorobenzene	33.190	5.0	40.00	0	83.0	74	121	33.32	0.391	20	
1,2,4-Trimethylbenzene	47.270	5.0	40.00	0	118	79	128	45.89	2.96	20	
1,2-Dibromo-3-chloropropane	41.860	10	40.00	0	105	65	131	38.07	9.48	20	
1,2-Dibromoethane	37.790	5.0	40.00	0	94.5	79	124	35.11	7.35	20	
1,2-Dichlorobenzene	40.830	5.0	40.00	0	102	80	120	40.41	1.03	20	
1,2-Dichloroethane	41.910	5.0	40.00	0	105	80	120	40.38	3.72	20	
1,2-Dichloropropane	38.960	5.0	40.00	0	97.4	80	120	37.49	3.85	20	

Qualifiers:

B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out
E Value above quantitation range
R RPD outside accepted recovery limits
Calculations are based on raw values
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference

CLIENT: Geo-Cal, Inc.
Work Order: N036834
Project: 1395 E. Washington St. Colton, CA 92324

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL

Sample ID: **CA190806-LCSD** SampType: **LCSD** TestCode: **8260SOIL** Units: **µg/Kg** Prep Date: RunNo: **135624**
Client ID: **LCSS02** Batch ID: **CA19VS137** TestNo: **EPA 8260B** Analysis Date: **8/6/2019** SeqNo: **3472262**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,3,5-Trimethylbenzene	41.930	5.0	40.00	0	105	76	129	46.26	9.82	20	
1,3-Dichlorobenzene	41.170	5.0	40.00	0	103	80	120	39.85	3.26	20	
1,3-Dichloropropane	40.090	5.0	40.00	0	100	80	120	38.64	3.68	20	
1,4-Dichlorobenzene	42.680	5.0	40.00	0	107	80	120	41.44	2.95	20	
2,2-Dichloropropane	40.530	5.0	40.00	0	101	66	136	39.42	2.78	20	
2-Butanone	262.990	50	400.0	0	65.7	54	145	233.6	11.8	20	
2-Chlorotoluene	36.840	5.0	40.00	0	92.1	78	124	39.16	6.11	20	
4-Chlorotoluene	38.940	5.0	40.00	0	97.4	79	125	40.22	3.23	20	
4-Isopropyltoluene	40.970	5.0	40.00	0	102	75	130	42.24	3.05	20	
Benzene	38.640	5.0	40.00	0	96.6	80	120	37.16	3.91	20	
Bromobenzene	34.970	5.0	40.00	0	87.4	80	120	36.97	5.56	20	
Bromodichloromethane	44.510	5.0	40.00	0	111	80	127	40.36	9.78	20	
Bromoform	51.050	5.0	40.00	0	128	67	136	46.95	8.37	20	
Bromomethane	51.780	5.0	40.00	0	129	45	148	50.22	3.06	20	
Carbon tetrachloride	39.630	5.0	40.00	0	99.1	75	137	40.69	2.64	20	
Chlorobenzene	38.560	5.0	40.00	0	96.4	80	120	41.32	6.91	20	
Chloroethane	38.400	5.0	40.00	0	96.0	64	145	34.64	10.3	20	
Chloroform	38.450	5.0	40.00	0	96.1	75	120	35.18	8.88	20	
Chloromethane	51.500	5.0	40.00	0	129	58	139	44.10	15.5	20	
cis-1,2-Dichloroethene	40.360	5.0	40.00	0	101	76	120	36.94	8.85	20	
cis-1,3-Dichloropropene	38.330	5.0	40.00	0	95.8	77	128	39.87	3.94	20	
Di-isopropyl ether	37.730	5.0	40.00	0	94.3	63	138	31.50	18.0	20	
Dibromochloromethane	38.970	5.0	40.00	0	97.4	79	124	43.78	11.6	20	
Dibromomethane	43.480	5.0	40.00	0	109	80	120	38.61	11.9	20	
Dichlorodifluoromethane	62.940	5.0	40.00	0	157	64	137	58.07	8.05	20	S
Ethyl Tert-butyl ether	42.810	5.0	40.00	0	107	59	137	36.70	15.4	20	
Ethylbenzene	38.290	5.0	40.00	0	95.7	79	120	42.70	10.9	20	
Freon-113	37.170	5.0	40.00	0	92.9	58	141	35.40	4.88	20	
Hexachlorobutadiene	37.760	5.0	40.00	0	94.4	72	126	36.78	2.63	20	
Isopropylbenzene	34.230	5.0	40.00	0	85.6	62	130	38.77	12.4	20	

Qualifiers:

B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out
E Value above quantitation range
R RPD outside accepted recovery limits
Calculations are based on raw values
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference

CLIENT: Geo-Cal, Inc.
Work Order: N036834
Project: 1395 E. Washington St. Colton, CA 92324

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL

Sample ID: **CA190806-LCSD** SampType: **LCSD** TestCode: **8260SOIL** Units: **µg/Kg** Prep Date: RunNo: **135624**
Client ID: **LCSS02** Batch ID: **CA19VS137** TestNo: **EPA 8260B** Analysis Date: **8/6/2019** SeqNo: **3472262**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
m,p-Xylene	85.140	10	80.00	0	106	80	124	95.18	11.1	20	
Methylene chloride	43.070	5.0	40.00	0	108	65	136	34.86	21.1	20	R
MTBE	39.350	5.0	40.00	0	98.4	65	130	34.73	12.5	20	
n-Butylbenzene	40.880	5.0	40.00	0	102	76	133	42.21	3.20	20	
n-Propylbenzene	35.880	5.0	40.00	0	89.7	76	131	39.82	10.4	20	
Naphthalene	30.680	5.0	40.00	0	76.7	58	127	31.00	1.04	20	
o-Xylene	44.310	5.0	40.00	0	111	75	121	38.88	13.1	20	
sec-Butylbenzene	40.360	5.0	40.00	0	101	76	133	43.96	8.54	20	
Styrene	43.840	5.0	40.00	0	110	80	120	44.99	2.59	20	
Tert-amyl methyl ether	40.210	5.0	40.00	0	101	69	128	36.77	8.94	20	
Tert-Butanol	189.810	25	200.0	0	94.9	36	158	133.0	35.2	20	R
tert-Butylbenzene	37.970	5.0	40.00	0	94.9	73	130	41.26	8.30	20	
Tetrachloroethene	39.160	5.0	40.00	0	97.9	77	124	46.99	18.2	20	
Toluene	39.890	5.0	40.00	0	99.7	79	120	40.47	1.44	20	
trans-1,2-Dichloroethene	41.260	5.0	40.00	0	103	72	129	33.81	19.8	20	
Trichloroethene	38.670	5.0	40.00	0	96.7	80	120	39.35	1.74	20	
Trichlorofluoromethane	43.210	5.0	40.00	0	108	66	146	37.23	14.9	20	
Vinyl chloride	45.510	5.0	40.00	0	114	68	141	40.32	12.1	20	
Xylenes, Total	129.450	15	120.0	0	108	70	130	134.1	3.50	20	
Surr: 1,2-Dichloroethane-d4	53.170		50.00		106	70	156		0		
Surr: 4-Bromofluorobenzene	47.750		50.00		95.5	73	129		0		
Surr: Dibromofluoromethane	52.350		50.00		105	73	146		0		
Surr: Toluene-d8	52.240		50.00		104	80	120		0		

Sample ID: **CA190806-MB2** SampType: **MBLK** TestCode: **8260SOIL** Units: **µg/Kg** Prep Date: RunNo: **135624**
Client ID: **PBS** Batch ID: **CA19VS137** TestNo: **EPA 8260B** Analysis Date: **8/6/2019** SeqNo: **3472263**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	5.0									
1,1,1-Trichloroethane	ND	5.0									

Qualifiers:

B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out
E Value above quantitation range
R RPD outside accepted recovery limits
Calculations are based on raw values
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference

CLIENT: Geo-Cal, Inc.
Work Order: N036834
Project: 1395 E. Washington St. Colton, CA 92324

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL

Sample ID: **CA190806-MB2** SampType: **MBLK** TestCode: **8260SOIL** Units: **µg/Kg** Prep Date: RunNo: **135624**
Client ID: **PBS** Batch ID: **CA19VS137** TestNo: **EPA 8260B** Analysis Date: **8/6/2019** SeqNo: **3472263**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,2,2-Tetrachloroethane	ND	5.0									
1,1,2-Trichloroethane	ND	5.0									
1,1-Dichloroethane	ND	5.0									
1,1-Dichloroethene	ND	5.0									
1,1-Dichloropropene	ND	5.0									
1,2,3-Trichlorobenzene	ND	5.0									
1,2,3-Trichloropropane	ND	5.0									
1,2,4-Trichlorobenzene	ND	5.0									
1,2,4-Trimethylbenzene	ND	5.0									
1,2-Dibromo-3-chloropropane	ND	10									
1,2-Dibromoethane	ND	5.0									
1,2-Dichlorobenzene	ND	5.0									
1,2-Dichloroethane	ND	5.0									
1,2-Dichloropropane	ND	5.0									
1,3,5-Trimethylbenzene	ND	5.0									
1,3-Dichlorobenzene	ND	5.0									
1,3-Dichloropropane	ND	5.0									
1,4-Dichlorobenzene	ND	5.0									
2,2-Dichloropropane	ND	5.0									
2-Butanone	ND	50									
2-Chlorotoluene	ND	5.0									
4-Chlorotoluene	ND	5.0									
4-Isopropyltoluene	ND	5.0									
Benzene	ND	5.0									
Bromobenzene	ND	5.0									
Bromodichloromethane	ND	5.0									
Bromoform	ND	5.0									
Bromomethane	ND	5.0									
Carbon tetrachloride	ND	5.0									
Chlorobenzene	ND	5.0									

Qualifiers:

B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out
E Value above quantitation range
R RPD outside accepted recovery limits
Calculations are based on raw values
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference

CLIENT: Geo-Cal, Inc.
Work Order: N036834
Project: 1395 E. Washington St. Colton, CA 92324

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL

Sample ID: **CA190806-MB2** SampType: **MBLK** TestCode: **8260SOIL** Units: **µg/Kg** Prep Date: RunNo: **135624**
Client ID: **PBS** Batch ID: **CA19VS137** TestNo: **EPA 8260B** Analysis Date: **8/6/2019** SeqNo: **3472263**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloroethane	ND	5.0									
Chloroform	ND	5.0									
Chloromethane	ND	5.0									
cis-1,2-Dichloroethene	ND	5.0									
cis-1,3-Dichloropropene	ND	5.0									
Di-isopropyl ether	ND	5.0									
Dibromochloromethane	ND	5.0									
Dibromomethane	ND	5.0									
Dichlorodifluoromethane	ND	5.0									
Ethyl Tert-butyl ether	ND	5.0									
Ethylbenzene	ND	5.0									
Freon-113	ND	5.0									
Hexachlorobutadiene	ND	5.0									
Isopropylbenzene	ND	5.0									
m,p-Xylene	ND	10									
Methylene chloride	ND	5.0									
MTBE	ND	5.0									
n-Butylbenzene	ND	5.0									
n-Propylbenzene	ND	5.0									
Naphthalene	ND	5.0									
o-Xylene	ND	5.0									
sec-Butylbenzene	ND	5.0									
Styrene	ND	5.0									
Tert-amyl methyl ether	ND	5.0									
Tert-Butanol	ND	25									
tert-Butylbenzene	ND	5.0									
Tetrachloroethene	ND	5.0									
Toluene	ND	5.0									
trans-1,2-Dichloroethene	ND	5.0									
Trichloroethene	ND	5.0									

Qualifiers:

- B Analyte detected in the associated Method Blank
- ND Not Detected at the Reporting Limit
- DO Surrogate Diluted Out
- E Value above quantitation range
- R RPD outside accepted recovery limits
- Calculations are based on raw values
- H Holding times for preparation or analysis exceeded
- S Spike/Surrogate outside of limits due to matrix interference

CLIENT: Geo-Cal, Inc.
Work Order: N036834
Project: 1395 E. Washington St. Colton, CA 92324

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL

Sample ID: **CA190806-MB2** SampType: **MBLK** TestCode: **8260SOIL** Units: **µg/Kg** Prep Date: RunNo: **135624**
Client ID: **PBS** Batch ID: **CA19VS137** TestNo: **EPA 8260B** Analysis Date: **8/6/2019** SeqNo: **3472263**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Trichlorofluoromethane	ND	5.0									
Vinyl chloride	ND	5.0									
Xylenes, Total	ND	15									
Surr: 1,2-Dichloroethane-d4	49.340		50.00		98.7	70	156				
Surr: 4-Bromofluorobenzene	37.210		50.00		74.4	73	129				
Surr: Dibromofluoromethane	60.950		50.00		122	73	146				
Surr: Toluene-d8	53.560		50.00		107	80	120				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		

CLIENT: Geo-Cal, Inc.
Work Order: N036834
Project: 1395 E. Washington St. Colton, CA 92324

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL

Sample ID: **CA190809-LCS** SampType: **LCS** TestCode: **8260SOIL** Units: **µg/Kg** Prep Date: RunNo: **135723**
Client ID: **LCSS** Batch ID: **CA19VS139** TestNo: **EPA 8260B** Analysis Date: **8/9/2019** SeqNo: **3477941**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	42.020	5.0	40.00	0	105	78	127				
1,1,1-Trichloroethane	44.100	5.0	40.00	0	110	75	128				
1,1,2,2-Tetrachloroethane	40.590	5.0	40.00	0	101	78	126				
1,1,2-Trichloroethane	37.730	5.0	40.00	0	94.3	80	120				
1,1-Dichloroethane	40.360	5.0	40.00	0	101	65	136				
1,1-Dichloroethene	38.550	5.0	40.00	0	96.4	66	134				
1,1-Dichloropropene	40.370	5.0	40.00	0	101	79	128				
1,2,3-Trichlorobenzene	41.590	5.0	40.00	0	104	80	120				
1,2,3-Trichloropropane	41.210	5.0	40.00	0	103	79	123				
1,2,4-Trichlorobenzene	39.650	5.0	40.00	0	99.1	74	121				
1,2,4-Trimethylbenzene	41.420	5.0	40.00	0	104	79	128				
1,2-Dibromo-3-chloropropane	41.550	10	40.00	0	104	65	131				
1,2-Dibromoethane	38.830	5.0	40.00	0	97.1	79	124				
1,2-Dichlorobenzene	38.610	5.0	40.00	0	96.5	80	120				
1,2-Dichloroethane	40.430	5.0	40.00	0	101	80	120				
1,2-Dichloropropane	38.260	5.0	40.00	0	95.7	80	120				
1,3,5-Trimethylbenzene	39.920	5.0	40.00	0	99.8	76	129				
1,3-Dichlorobenzene	37.120	5.0	40.00	0	92.8	80	120				
1,3-Dichloropropane	43.390	5.0	40.00	0	108	80	120				
1,4-Dichlorobenzene	39.040	5.0	40.00	0	97.6	80	120				
2,2-Dichloropropane	48.320	5.0	40.00	0	121	66	136				
2-Butanone	379.130	50	400.0	0	94.8	54	145				
2-Chlorotoluene	37.390	5.0	40.00	0	93.5	78	124				
4-Chlorotoluene	38.080	5.0	40.00	0	95.2	79	125				
4-Isopropyltoluene	39.110	5.0	40.00	0	97.8	75	130				
Benzene	39.360	5.0	40.00	0	98.4	80	120				
Bromobenzene	37.990	5.0	40.00	0	95.0	80	120				
Bromodichloromethane	37.770	5.0	40.00	0	94.4	80	127				
Bromoform	48.820	5.0	40.00	0	122	67	136				
Bromomethane	42.450	5.0	40.00	0	106	45	148				

Qualifiers:

B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out
E Value above quantitation range
R RPD outside accepted recovery limits
Calculations are based on raw values
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference

CLIENT: Geo-Cal, Inc.
Work Order: N036834
Project: 1395 E. Washington St. Colton, CA 92324

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL

Sample ID: **CA190809-LCS** SampType: **LCS** TestCode: **8260SOIL** Units: **µg/Kg** Prep Date: RunNo: **135723**
Client ID: **LCSS** Batch ID: **CA19VS139** TestNo: **EPA 8260B** Analysis Date: **8/9/2019** SeqNo: **3477941**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Carbon tetrachloride	40.300	5.0	40.00	0	101	75	137				
Chlorobenzene	37.410	5.0	40.00	0	93.5	80	120				
Chloroethane	42.610	5.0	40.00	0	107	64	145				
Chloroform	43.410	5.0	40.00	0	109	75	120				
Chloromethane	41.340	5.0	40.00	0	103	58	139				
cis-1,2-Dichloroethene	43.080	5.0	40.00	0	108	76	120				
cis-1,3-Dichloropropene	39.430	5.0	40.00	0	98.6	77	128				
Di-isopropyl ether	39.580	5.0	40.00	0	99.0	63	138				
Dibromochloromethane	39.750	5.0	40.00	0	99.4	79	124				
Dibromomethane	41.320	5.0	40.00	0	103	80	120				
Dichlorodifluoromethane	41.870	5.0	40.00	0	105	64	137				
Ethyl Tert-butyl ether	41.650	5.0	40.00	0	104	59	137				
Ethylbenzene	40.250	5.0	40.00	0	101	79	120				
Freon-113	41.280	5.0	40.00	0	103	58	141				
Hexachlorobutadiene	36.190	5.0	40.00	0	90.5	72	126				
Isopropylbenzene	37.180	5.0	40.00	0	93.0	62	130				
m,p-Xylene	77.720	10	80.00	0	97.2	80	124				
Methylene chloride	43.870	5.0	40.00	0	110	65	136				
MTBE	42.310	5.0	40.00	0	106	65	130				
n-Butylbenzene	38.620	5.0	40.00	0	96.6	76	133				
n-Propylbenzene	38.020	5.0	40.00	0	95.1	76	131				
Naphthalene	42.430	5.0	40.00	0	106	58	127				
o-Xylene	38.860	5.0	40.00	0	97.2	75	121				
sec-Butylbenzene	37.250	5.0	40.00	0	93.1	76	133				
Styrene	40.290	5.0	40.00	0	101	80	120				
Tert-amyl methyl ether	39.370	5.0	40.00	0	98.4	69	128				
Tert-Butanol	208.440	25	200.0	0	104	36	158				
tert-Butylbenzene	38.130	5.0	40.00	0	95.3	73	130				
Tetrachloroethene	37.770	5.0	40.00	0	94.4	77	124				
Toluene	38.980	5.0	40.00	0	97.5	79	120				

Qualifiers:

B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out
E Value above quantitation range
R RPD outside accepted recovery limits
Calculations are based on raw values
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference

CLIENT: Geo-Cal, Inc.
Work Order: N036834
Project: 1395 E. Washington St. Colton, CA 92324

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL

Sample ID: **CA190809-LCS** SampType: **LCS** TestCode: **8260SOIL** Units: **µg/Kg** Prep Date: RunNo: **135723**
Client ID: **LCSS** Batch ID: **CA19VS139** TestNo: **EPA 8260B** Analysis Date: **8/9/2019** SeqNo: **3477941**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
trans-1,2-Dichloroethene	42.520	5.0	40.00	0	106	72	129				
Trichloroethene	37.830	5.0	40.00	0	94.6	80	120				
Trichlorofluoromethane	46.030	5.0	40.00	0	115	66	146				
Vinyl chloride	40.430	5.0	40.00	0	101	68	141				
Xylenes, Total	116.580	15	120.0	0	97.2	70	130				
Surr: 1,2-Dichloroethane-d4	57.460		50.00		115	70	156				
Surr: 4-Bromofluorobenzene	49.240		50.00		98.5	73	129				
Surr: Dibromofluoromethane	54.050		50.00		108	73	146				
Surr: Toluene-d8	48.990		50.00		98.0	80	120				

Sample ID: **CA190809-LCSD** SampType: **LCSD** TestCode: **8260SOIL** Units: **µg/Kg** Prep Date: RunNo: **135723**
Client ID: **LCSS02** Batch ID: **CA19VS139** TestNo: **EPA 8260B** Analysis Date: **8/9/2019** SeqNo: **3477942**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	41.910	5.0	40.00	0	105	78	127	42.02	0.262	20	
1,1,1-Trichloroethane	40.690	5.0	40.00	0	102	75	128	44.10	8.04	20	
1,1,2,2-Tetrachloroethane	37.270	5.0	40.00	0	93.2	78	126	40.59	8.53	20	
1,1,2-Trichloroethane	38.660	5.0	40.00	0	96.7	80	120	37.73	2.43	20	
1,1-Dichloroethane	38.020	5.0	40.00	0	95.1	65	136	40.36	5.97	20	
1,1-Dichloroethene	38.760	5.0	40.00	0	96.9	66	134	38.55	0.543	20	
1,1-Dichloropropene	37.220	5.0	40.00	0	93.0	79	128	40.37	8.12	20	
1,2,3-Trichlorobenzene	41.240	5.0	40.00	0	103	80	120	41.59	0.845	20	
1,2,3-Trichloropropane	36.200	5.0	40.00	0	90.5	79	123	41.21	12.9	20	
1,2,4-Trichlorobenzene	39.080	5.0	40.00	0	97.7	74	121	39.65	1.45	20	
1,2,4-Trimethylbenzene	41.390	5.0	40.00	0	103	79	128	41.42	0.0725	20	
1,2-Dibromo-3-chloropropane	40.790	10	40.00	0	102	65	131	41.55	1.85	20	
1,2-Dibromoethane	37.830	5.0	40.00	0	94.6	79	124	38.83	2.61	20	
1,2-Dichlorobenzene	37.480	5.0	40.00	0	93.7	80	120	38.61	2.97	20	
1,2-Dichloroethane	37.060	5.0	40.00	0	92.6	80	120	40.43	8.70	20	
1,2-Dichloropropane	35.800	5.0	40.00	0	89.5	80	120	38.26	6.64	20	

Qualifiers:

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S Spike/Surrogate outside of limits due to matrix interference
- DO Surrogate Diluted Out

Calculations are based on raw values

CLIENT: Geo-Cal, Inc.
Work Order: N036834
Project: 1395 E. Washington St. Colton, CA 92324

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL

Sample ID: **CA190809-LCSD** SampType: **LCSD** TestCode: **8260SOIL** Units: **µg/Kg** Prep Date: RunNo: **135723**
Client ID: **LCSS02** Batch ID: **CA19VS139** TestNo: **EPA 8260B** Analysis Date: **8/9/2019** SeqNo: **3477942**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,3,5-Trimethylbenzene	39.770	5.0	40.00	0	99.4	76	129	39.92	0.376	20	
1,3-Dichlorobenzene	37.150	5.0	40.00	0	92.9	80	120	37.12	0.0808	20	
1,3-Dichloropropane	41.690	5.0	40.00	0	104	80	120	43.39	4.00	20	
1,4-Dichlorobenzene	38.100	5.0	40.00	0	95.2	80	120	39.04	2.44	20	
2,2-Dichloropropane	41.200	5.0	40.00	0	103	66	136	48.32	15.9	20	
2-Butanone	300.250	50	400.0	0	75.1	54	145	379.1	23.2	20	R
2-Chlorotoluene	37.740	5.0	40.00	0	94.4	78	124	37.39	0.932	20	
4-Chlorotoluene	39.230	5.0	40.00	0	98.1	79	125	38.08	2.98	20	
4-Isopropyltoluene	40.540	5.0	40.00	0	101	75	130	39.11	3.59	20	
Benzene	39.280	5.0	40.00	0	98.2	80	120	39.36	0.203	20	
Bromobenzene	39.450	5.0	40.00	0	98.6	80	120	37.99	3.77	20	
Bromodichloromethane	35.500	5.0	40.00	0	88.8	80	127	37.77	6.20	20	
Bromoform	43.030	5.0	40.00	0	108	67	136	48.82	12.6	20	
Bromomethane	44.250	5.0	40.00	0	111	45	148	42.45	4.15	20	
Carbon tetrachloride	42.800	5.0	40.00	0	107	75	137	40.30	6.02	20	
Chlorobenzene	37.650	5.0	40.00	0	94.1	80	120	37.41	0.639	20	
Chloroethane	40.100	5.0	40.00	0	100	64	145	42.61	6.07	20	
Chloroform	39.850	5.0	40.00	0	99.6	75	120	43.41	8.55	20	
Chloromethane	40.490	5.0	40.00	0	101	58	139	41.34	2.08	20	
cis-1,2-Dichloroethene	40.670	5.0	40.00	0	102	76	120	43.08	5.76	20	
cis-1,3-Dichloropropene	37.100	5.0	40.00	0	92.8	77	128	39.43	6.09	20	
Di-isopropyl ether	37.220	5.0	40.00	0	93.0	63	138	39.58	6.15	20	
Dibromochloromethane	40.160	5.0	40.00	0	100	79	124	39.75	1.03	20	
Dibromomethane	40.180	5.0	40.00	0	100	80	120	41.32	2.80	20	
Dichlorodifluoromethane	40.990	5.0	40.00	0	102	64	137	41.87	2.12	20	
Ethyl Tert-butyl ether	39.180	5.0	40.00	0	98.0	59	137	41.65	6.11	20	
Ethylbenzene	40.650	5.0	40.00	0	102	79	120	40.25	0.989	20	
Freon-113	38.470	5.0	40.00	0	96.2	58	141	41.28	7.05	20	
Hexachlorobutadiene	37.360	5.0	40.00	0	93.4	72	126	36.19	3.18	20	
Isopropylbenzene	38.600	5.0	40.00	0	96.5	62	130	37.18	3.75	20	

Qualifiers:

- B Analyte detected in the associated Method Blank
- ND Not Detected at the Reporting Limit
- DO Surrogate Diluted Out
- E Value above quantitation range
- R RPD outside accepted recovery limits
- Calculations are based on raw values
- H Holding times for preparation or analysis exceeded
- S Spike/Surrogate outside of limits due to matrix interference

CLIENT: Geo-Cal, Inc.
Work Order: N036834
Project: 1395 E. Washington St. Colton, CA 92324

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL

Sample ID: **CA190809-LCSD** SampType: **LCSD** TestCode: **8260SOIL** Units: **µg/Kg** Prep Date: RunNo: **135723**
Client ID: **LCSS02** Batch ID: **CA19VS139** TestNo: **EPA 8260B** Analysis Date: **8/9/2019** SeqNo: **3477942**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
m,p-Xylene	77.990	10	80.00	0	97.5	80	124	77.72	0.347	20	
Methylene chloride	38.210	5.0	40.00	0	95.5	65	136	43.87	13.8	20	
MTBE	38.420	5.0	40.00	0	96.0	65	130	42.31	9.64	20	
n-Butylbenzene	40.350	5.0	40.00	0	101	76	133	38.62	4.38	20	
n-Propylbenzene	39.230	5.0	40.00	0	98.1	76	131	38.02	3.13	20	
Naphthalene	40.910	5.0	40.00	0	102	58	127	42.43	3.65	20	
o-Xylene	38.160	5.0	40.00	0	95.4	75	121	38.86	1.82	20	
sec-Butylbenzene	38.870	5.0	40.00	0	97.2	76	133	37.25	4.26	20	
Styrene	40.230	5.0	40.00	0	101	80	120	40.29	0.149	20	
Tert-amyl methyl ether	37.710	5.0	40.00	0	94.3	69	128	39.37	4.31	20	
Tert-Butanol	178.000	25	200.0	0	89.0	36	158	208.4	15.8	20	
tert-Butylbenzene	38.200	5.0	40.00	0	95.5	73	130	38.13	0.183	20	
Tetrachloroethene	42.800	5.0	40.00	0	107	77	124	37.77	12.5	20	
Toluene	39.310	5.0	40.00	0	98.3	79	120	38.98	0.843	20	
trans-1,2-Dichloroethene	41.290	5.0	40.00	0	103	72	129	42.52	2.94	20	
Trichloroethene	37.660	5.0	40.00	0	94.2	80	120	37.83	0.450	20	
Trichlorofluoromethane	44.650	5.0	40.00	0	112	66	146	46.03	3.04	20	
Vinyl chloride	38.660	5.0	40.00	0	96.7	68	141	40.43	4.48	20	
Xylenes, Total	116.150	15	120.0	0	96.8	70	130	116.6	0.370	20	
Surr: 1,2-Dichloroethane-d4	47.600		50.00		95.2	70	156		0		
Surr: 4-Bromofluorobenzene	47.990		50.00		96.0	73	129		0		
Surr: Dibromofluoromethane	51.910		50.00		104	73	146		0		
Surr: Toluene-d8	47.190		50.00		94.4	80	120		0		

Sample ID: **CA190809-MB1** SampType: **MBLK** TestCode: **8260SOIL** Units: **µg/Kg** Prep Date: RunNo: **135723**
Client ID: **PBS** Batch ID: **CA19VS139** TestNo: **EPA 8260B** Analysis Date: **8/9/2019** SeqNo: **3477943**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	5.0									
1,1,1-Trichloroethane	ND	5.0									

Qualifiers:

B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out
E Value above quantitation range
R RPD outside accepted recovery limits
Calculations are based on raw values
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference

CLIENT: Geo-Cal, Inc.
Work Order: N036834
Project: 1395 E. Washington St. Colton, CA 92324

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL

Sample ID: **CA190809-MB1** SampType: **MBLK** TestCode: **8260SOIL** Units: **µg/Kg** Prep Date: RunNo: **135723**
Client ID: **PBS** Batch ID: **CA19VS139** TestNo: **EPA 8260B** Analysis Date: **8/9/2019** SeqNo: **3477943**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,2,2-Tetrachloroethane	ND	5.0									
1,1,2-Trichloroethane	ND	5.0									
1,1-Dichloroethane	ND	5.0									
1,1-Dichloroethene	ND	5.0									
1,1-Dichloropropene	ND	5.0									
1,2,3-Trichlorobenzene	ND	5.0									
1,2,3-Trichloropropane	ND	5.0									
1,2,4-Trichlorobenzene	ND	5.0									
1,2,4-Trimethylbenzene	ND	5.0									
1,2-Dibromo-3-chloropropane	ND	10									
1,2-Dibromoethane	ND	5.0									
1,2-Dichlorobenzene	ND	5.0									
1,2-Dichloroethane	ND	5.0									
1,2-Dichloropropane	ND	5.0									
1,3,5-Trimethylbenzene	ND	5.0									
1,3-Dichlorobenzene	ND	5.0									
1,3-Dichloropropane	ND	5.0									
1,4-Dichlorobenzene	ND	5.0									
2,2-Dichloropropane	ND	5.0									
2-Butanone	ND	50									
2-Chlorotoluene	ND	5.0									
4-Chlorotoluene	ND	5.0									
4-Isopropyltoluene	ND	5.0									
Benzene	ND	5.0									
Bromobenzene	ND	5.0									
Bromodichloromethane	ND	5.0									
Bromoform	ND	5.0									
Bromomethane	ND	5.0									
Carbon tetrachloride	ND	5.0									
Chlorobenzene	ND	5.0									

Qualifiers:

B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out
E Value above quantitation range
R RPD outside accepted recovery limits
Calculations are based on raw values
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference

CLIENT: Geo-Cal, Inc.
Work Order: N036834
Project: 1395 E. Washington St. Colton, CA 92324

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL

Sample ID: **CA190809-MB1** SampType: **MBLK** TestCode: **8260SOIL** Units: **µg/Kg** Prep Date: RunNo: **135723**
Client ID: **PBS** Batch ID: **CA19VS139** TestNo: **EPA 8260B** Analysis Date: **8/9/2019** SeqNo: **3477943**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloroethane	ND	5.0									
Chloroform	ND	5.0									
Chloromethane	ND	5.0									
cis-1,2-Dichloroethene	ND	5.0									
cis-1,3-Dichloropropene	ND	5.0									
Di-isopropyl ether	ND	5.0									
Dibromochloromethane	ND	5.0									
Dibromomethane	ND	5.0									
Dichlorodifluoromethane	ND	5.0									
Ethyl Tert-butyl ether	ND	5.0									
Ethylbenzene	ND	5.0									
Freon-113	ND	5.0									
Hexachlorobutadiene	ND	5.0									
Isopropylbenzene	ND	5.0									
m,p-Xylene	ND	10									
Methylene chloride	ND	5.0									
MTBE	ND	5.0									
n-Butylbenzene	ND	5.0									
n-Propylbenzene	ND	5.0									
Naphthalene	1.110	5.0									
o-Xylene	ND	5.0									
sec-Butylbenzene	ND	5.0									
Styrene	ND	5.0									
Tert-amyl methyl ether	ND	5.0									
Tert-Butanol	ND	25									
tert-Butylbenzene	ND	5.0									
Tetrachloroethene	ND	5.0									
Toluene	ND	5.0									
trans-1,2-Dichloroethene	ND	5.0									
Trichloroethene	ND	5.0									

Qualifiers:

- B Analyte detected in the associated Method Blank
- ND Not Detected at the Reporting Limit
- DO Surrogate Diluted Out
- E Value above quantitation range
- R RPD outside accepted recovery limits
- Calculations are based on raw values
- H Holding times for preparation or analysis exceeded
- S Spike/Surrogate outside of limits due to matrix interference

CLIENT: Geo-Cal, Inc.
Work Order: N036834
Project: 1395 E. Washington St. Colton, CA 92324

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL

Sample ID: **CA190809-MB1** SampType: **MBLK** TestCode: **8260SOIL** Units: **µg/Kg** Prep Date: RunNo: **135723**
Client ID: **PBS** Batch ID: **CA19VS139** TestNo: **EPA 8260B** Analysis Date: **8/9/2019** SeqNo: **3477943**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Trichlorofluoromethane	ND	5.0									
Vinyl chloride	ND	5.0									
Xylenes, Total	ND	15									
Surr: 1,2-Dichloroethane-d4	49.000		50.00		98.0	70	156				
Surr: 4-Bromofluorobenzene	49.020		50.00		98.0	73	129				
Surr: Dibromofluoromethane	49.550		50.00		99.1	73	146				
Surr: Toluene-d8	47.900		50.00		95.8	80	120				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		

ASSET LABORATORIES
ANALYTICAL SUPPORT SERVICES FOR ENVIRONMENTAL TECHNOLOGIES

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California: 11110 Artesia Blvd. Ste. B • Cerritos, CA 90703
P: 562.219.7435 F: 562.219.7436
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CHAIN OF CUSTODY RECORD

Page 1 of 3

Client: Geo-Cal, Inc	Report to: HENRY OLIVIER	Bill to: Geo-Cal, Inc	EDD Requirement: Excel EDD ☑, Geotracker ☐, Labspec ☐, Others ☐
Address: 9370 Hallmark Pkwy, Ste 101	Company: Geo-Cal, Inc	Address:	QA/QC: RTNE ☑, RWQCB ☐, CalTrans ☐, Level III ☐, LEVEL IV ☐, Regulatory ☐
Address: San Bernardino, CA 92407	Email: INFO@geo-cal.com	Email to:	PO#: Specify:
Phone: 909/880 1146 Fax: 909/880 1557	Address: —	Phone:	Fax: Global ID:
Submitted By:			Specify State: CA
Title:	Phone: — Fax: —		

Signature: Date: 8/5/19
I hereby authorize ASSET Labs to perform the tests indicated below:

Project Name: 1395 E. Washington St Colton, CA 92324

Project Number: —

Sampler's Signature and Date: Henry Olivier 8/3/2019
I attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.

Sampler's Name: HENRY OLIVIER

Matrix: Ground ☐, Sediment ☐, Potable ☐, Soil ☒, NPDES ☐, Other Solid ☐, Surface ☐

Sample Receipt Condition:

	Y	N
1. Chilled	☑	☐
2. Headspace	☐	☐
3. Container Intact	☑	☐
4. Seal Present	☐	☑
5. IR number	2	
6. Method of Cooling	ICE	
Sample Temp:	2.4°C	

Courier: GSO
Tracking No. 5122

Item No.	Laboratory Work Order No.	Sample ID/Location	Date	Time	Water	Solid	Others	EPA 8015M (TPH)	EPA 8260B (BTEX, MTBE, VOCs)	Turn Around Time	No. of container	Container Type	PRESERVATION	Remarks
1	N036834-01	HB1-5'	8/3/19	6:35		X		X	X	E	1	T	C	
2	-02	HB1-10'		6:45					HOLD					
3	-03	HB1-15'		6:50				X	X					
4	-04	HB1-20'		7:20					HOLD					
5	-05	HB1-25'		7:25				X	X					
6	-06	HB2-5'		7:30				X	X					
7	-07	HB2-10'		7:34					HOLD					
8	-08	HB2-15'		7:41				X	X					
9	-09	HB3-5'		8:00					HOLD					
10	-10	HB3-10'	↓	8:10		↓		X	X	↓	↓	↓	↓	

Relinquished by (Signature and Printed Name)	Date / Time	Received by (Signature and Printed Name)	Date / Time
Henry Olivier	8/5 8:00		8/5 8:00
	8/5	EMIL ANGELO RODRIGUEZ	8/5/19 11:02
EMIL ANGELO RODRIGUEZ	8/5/19 1500		8/6/19 0941

Turn Around Time (TAT)
- ☐ A < 24 Hrs or Same Day TAT
- ☐ B = Next Workday
- ☐ C = 2 Workdays
- ☐ D = 3 Workdays
- ☑ E = Routine 5-7 Workdays

TAT Starts at 8 AM the following day if samples received after 3:00 PM.

Special Instruction: GSO# 5457351122

Terms:
1. All samples will be disposed in 45 days upon receipt and records will be destroyed in 5 years upon submission of final report.
2. Regular TAT is 5-7 business days, surcharges will apply for rush analysis
Less than 24 Hrs = 200% Next Day = 100% 2 Workdays = 50% 3 Workdays = 35% 4 Workdays = 20%
3. Custom EDD formats will be an additional 3% of the total project price.
4. Add 10% surcharge for Level III Data Packages, 15% for Level IV Data Packages. Surcharge applied on total project price.
5. Trip blanks and equipment blanks are billable sample.
6. ASSET Laboratories is not responsible for samples collected using incorrect methodology.
7. Terms thereof 30 Days.
8. All reports are submitted in electronic format. Please inform ASSET Laboratories if hard copy of report is needed.
9. For subcontract analysis, TAT and Surcharges will vary.

Preservatives: H = HCl, N = HNO3, S = H2SO4, C <= 6°C, Z = Zn(AC)2, O = NaOH, T = Na2S2O3, Others/Specify:

Container Type: T = Tube, V = VOA, P = Pint, J = Jar, B = Tedlar, G = Glass, M = Metal, P = Plastic, C = Can

White = Laboratory Copy
Yellow = Customer's Copy

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CHAIN OF CUSTODY RECORD

Client: Geo-Cal, Inc	Report to: HENRY OLIVIER	Bill to: Geo-Cal, Inc	EDD Requirement: Excel EDD ☒
Address: 4370 Hallmark Pkwy, Ste 10	Company: Geo-Cal, Inc	Address: ?	Geotracker ☐
Address: San Bernardino, CA 92407	Email: info@geo-cal.com		Labspec ☐
Phone: 909/880 1146 Fax: 909/880 1557	Address: —	Email to: PO#	Others ☐
Submitted By:	—	Phone: Fax:	Specify:
Title:	Phone: Fax:		Global ID:

QA/QC: RTNE ☒ | RWQCB ☐ | CalTrans ☐ | Level III ☐ | LEVEL IV ☐ | Regulatory ☐

Specify State: CA

Sample Receipt Condition: Y / N
1. Chilled ☑ ☐
2. Headspace ☐ ☑
3. Container Intact ☑ ☐
4. Seal Present ☐ ☑
5. IR number 2
6. Method of Cooling ICE
Sample Temp: 2.4°C

Courier: GSO
Tracking No: 5122

Signature: Date: 8/5/19
I hereby authorize ASSET Labs to perform the tests indicated below:

Project Name: 1395 E. Washington St. Colton, CA 92324

Project Number: —

Sampler's Signature and Date: Henry Olivier 8/3/2019
I attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.

Sampler's Name: HENRY OLIVIER

Matrix: Ground ☐ | Potable ☐ | NPDES ☐ | Surface ☐ | Sediment ☐ | Soil ☒ | Other Solid ☐

Analyses Requested: EDA 8015M (TPH) | EDA 8260B (Full Scan)

Item No.	Laboratory Work Order No.	Sample ID/Location	Date	Time	Water	Solid	Others	EDA 8015M (TPH)	EDA 8260B (Full Scan)	Turn Around Time	No. of containers	Container Type	PRESERVATION	Remarks
1	N036834-11	HB3-20'	8/3/19	8:14		X			HOLD	E	1	T	C	
2	-12	HB3-25'		8:20				X	X					
3	-13	HB4-5'		8:40					HOLD					
4	-14	HB4-10'		8:45				X	X					
5	-15	HB4-15'		8:55				X	X					
6	-16	HB5-5'		9:07					HOLD					
7	-17	HB5-10'		9:12				X	X					
8	-18	HB5-15'		9:18					HOLD					
9	-19	HB5-20'		9:25				X	X					
10	-20	HB5-25'	↓	9:31		↓			HOLD	↓	↓	↓	↓	

Relinquished by (Signature and Printed Name): Henry Olivier	Date / Time: 8/5 8:00AM	Received by (Signature and Printed Name):	Date / Time: 8/5 8:00AM
Relinquished by (Signature and Printed Name):	Date / Time: 8/5 11:00AM	Received by (Signature and Printed Name): EMIL ANGELO RODRIGUEZ	Date / Time: 8/5/19 11:02
Relinquished by (Signature and Printed Name): EMIL ANGELO RODRIGUEZ	Date / Time: 8/5/19 1800	Received by (Signature and Printed Name): Luis Mollinedo	Date / Time: 8/6/19 0941

Turn Around Time (TAT)
- ☐ A < 24 Hrs or Same Day TAT
- ☐ B = Next Workday
- ☐ C = 2 Workdays
- ☐ D = 3 Workdays
- ☒ E = Routine 5-7 Workdays

TAT Starts at 8 AM the following day if samples received after 3:00 PM.

Special Instruction:

Terms
1. All samples will be disposed in 45 days upon receipt and records will be destroyed in 5 years upon submission of final report.
2. Regular TAT is 5-7 business days, surcharges will apply for rush analysis
Less than 24 Hrs = 200% Next Day = 100% 2 Workdays = 50% 3 Workdays = 25% 4 Workdays = 20%
3. Custom EDD formats will be an additional 10% of the total project price.
4. Add 10% surcharge for Level III Data Packages, 15% for Level IV Data Packages. Surcharge applied on total project price.
5. Trip Blanks and Equipment Blanks are billable sample.
6. ASSET Laboratories is not responsible for samples collected using incorrect methodology.
7. Terms are NET 30 Days.
8. All reports are submitted in electronic format. Please inform ASSET Laboratories if hard copy of report is needed.
9. For subcontract analysis, TAT and Surcharges will vary.

Preservatives: H = HCl | N = HNO3 | S = H2SO4 | C = 4°C | Z = Zn(AC)2 | O = NaOH | T = Na2S2O3 | Others/Specify:

Container Type: T = Tube | V = VOA | P = Pint | J = Jar | B = Tedlar | G = Glass | M = Metal | P = Plastic | C = Cen

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CHAIN OF CUSTODY RECORD

Page 3 of 3

Client: Geo-Cal, Inc	Report to: HENRY OLIVIER	Bill to: Geo-Cal	EDD Requirement: Excel EDD ☒, Geotracker ☐, Labspec ☐, Others ☐
Address: 4370 Hallmark Pkwy, Ste 101	Company: Geo-Cal, Inc	Address:	QA/QC: RTNE ☒, RWQCB ☐, CalTrans ☐, Level III ☐, LEVEL IV ☐, Regulatory ☐
Address: San Bernardino, CA 92407	Email:		Sample Receipt Condition: Y / N — 1. Chilled ☒ ☐; 2. Headspace ☐ ☐; 3. Container Intact ☒ ☐; 4. Seal Present ☐ ☐; 5. IR number 2; 6. Method of Cooling ICE
Phone: 909/8801146 Fax: 909/8801557	Address:	Email to: PO#	Specify:
Submitted By:		Phone: Fax:	Global ID:
Title:	Phone: Fax:		Specify State: CA
Signature: Date: 8/5/19 — I hereby authorize ASSET Labs to perform the tests indicated below.	Sampler's Signature and Date: 8/3/2019 — I attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.	Sampler's Name: HENRY OLIVIER	Sample Temp: 2.4°C
Project Name: 1395 E. Washington St Colton, CA 92324			Courier: GSO
Project Number: —			Tracking No. 5122

Matrix: Ground ☐, Potable ☐, NPDES ☐, Surface ☐, Sediment ☐, Soil ☒, Other Solid ☐

Analyses Requested: EPA 8015M (TPH); EPA 8260 B (Full Scan)

Item No.	Laboratory Work Order No.	Sample ID/Location	Date	Time	Water	Solid	Others	8015M	8260B	Turn Around Time	No. of container	Container Type	PRESERVATION	Remarks
1	N036834-21	HB5-30	8/3/19	9:38		X		X	X	E	1	T	C	
2														
3														
4														
5														
6														
7														
8														
9														
10														

Relinquished by (Signature and Printed Name)	Date / Time	Received by (Signature and Printed Name)	Date / Time
	8/5 8:00AM		8/5 8:00AM
	8/5 11:02	EMIL ANGELO RODRIGUEZ	8/5/19 11:02
EMIL ANGELO RODRIGUEZ	8/5/19 1600		8/6/19 0941

Turn Around Time (TAT)
- ☐ A = < 24 Hrs or Same Day TAT
- ☐ B = Next Workday
- ☐ C = 2 Workdays
- ☐ D = 3 Workdays
- ☒ E = Routine 5-7 Workdays

TAT Starts at 8 AM the following day if samples received after 5:00 PM.

Special Instruction:

Terms
1. All samples will be disposed in 45 days upon receipt and records will be destroyed in 5 years upon submission of final report.
2. Regular TAT is 5-7 business days, surcharges will apply for rush analysis
Less than 24 Hrs = 200% Next Day = 100% 2 Workdays = 50% 3 Workdays = 35% 4 Workdays = 20%
3. Custom EDD formats will be an additional 5% of the total project price.
4. Add 10% surcharge for Level III Data Packages, 35% for Level IV Data Packages. Surcharge applied on total project price.
5. Trip Blanks and Equipment Blanks are billable samples.
6. ASSET Laboratories is not responsible for samples collected using incorrect methodology.
7. Terms are net 30 Days.
8. All reports are submitted in electronic format. Please inform ASSET Laboratories if hard copy of report is needed.
9. For subcontract analysis, TAT and Surcharges will vary.

Preservatives: H = HCl; N = HNO3; S = H2SO4; C = 4°C; Z = Zn(AC)2; O = NaOH; T = Na2S2O3; Others/Specify:

Container Type: T = Tube; V = VOA; P = Pint; J = Jar; B = Tedlar; G = Glass; M = Metal; P = Plastic; C = Can

White = Laboratory Copy Yellow = Customer's Copy

ASSET Laboratories

Please review the checklist below. Any NO signifies non-compliance. Any non-compliance will be noted and must be understood as having an impact on the quality of the data. All tests will be performed as requested regardless of any compliance issues.

If you have any questions or further instruction, please contact our Project Coordinator at (702) 307-2659.

Cooler Received/Opened On:	8/5/2019	Workorder:	N036834
Rep sample Temp (Deg C):	2.4	IR Gun ID:	2
Temp Blank:	☑ Yes ☐ No		
Carrier name:	Golden State Overnight		
Last 4 digits of Tracking No.:	5122	Packing Material Used:	Bubble Wrap
Cooling process:	☑ Ice ☐ Ice Pack ☐ Dry Ice ☐ Other ☐ None		

Sample Receipt Checklist

1. Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
2. Custody seals intact, signed, dated on shippping container/cooler?	Yes ☐	No ☐	Not Present ☑
3. Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
4. Chain of custody present?	Yes ☑	No ☐	
5. Sampler's name present in COC?	Yes ☑	No ☐	
6. Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
7. Chain of custody agrees with sample labels?	Yes ☑	No ☐	
8. Samples in proper container/bottle?	Yes ☑	No ☐	
9. Sample containers intact?	Yes ☑	No ☐	
10. Sufficient sample volume for indicated test?	Yes ☑	No ☐	
11. All samples received within holding time?	Yes ☑	No ☐	
12. Temperature of rep sample or Temp Blank within acceptable limit?	Yes ☑	No ☐	NA ☐
13. Water - VOA vials have zero headspace?	Yes ☐	No ☐	NA ☑
14. Water - pH acceptable upon receipt? Example: pH > 12 for (CN,S); pH<2 for Metals	Yes ☐	No ☐	NA ☑
15. Did the bottle labels indicate correct preservatives used?	Yes ☐	No ☐	NA ☑
16. Were there Non-Conformance issues at login?	Yes ☐	No ☐	NA ☑
Was Client notified?	Yes ☐	No ☐	NA ☑

Comments:

For:

Checklist Completed By: RM YRJ 8/9/2019

Reviewed By: 8/12/2019

Subject: FW: Urgent: W.O: N036834
From: <anushka@assetlaboratories.com>
Date: 8/21/2019 12:20 PM
To: <reports@assetlaboratories.com>

Regards,

Anushka Wijesekera
Nevada: 3151 W. Post Road, Las Vegas, NV 89118 | P: 702.307.2659 | F: 702.307.2691
California: 11110 Artesia Blvd., Ste. B, Cerritos, CA 90703 | P: 562.219.7435 | F: 562.219.7436

ASSET LABORATORIES - Serving Clients with Passion and Professionalism

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From: emilangelo@assetlaboratories.com <emilangelo@assetlaboratories.com>
Sent: Wednesday, August 21, 2019 12:09 PM
To: anushka@assetlaboratories.com
Subject: FW: Urgent: W.O: N036834

Hi Anushka,

Please see below analytes that the client is requesting and revise final report to include them.

Let me know if I can further assist.

Cheers,

Emil Angelo Rodriguez
Project Manager

Nevada: 3151 W. Post Road, Las Vegas, NV 89118 | P: 702.307.2659 | F: 702.307.2691
California: 11110 Artesia Blvd., Ste. B, Cerritos, CA 90703 | P: 562.219.7435 | F: 562.219.7436

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This message is intended for the use of the individual or entity to which it is addressed. This may contain information that is privileged, confidential, and exempt from disclosure under applicable law. If the reader of this message is not the intended recipient, or the employee or agent responsible for delivering the message to the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is strictly prohibited. If you have received this communication in error, please notify us immediately by telephone and delete the original message. Thank you.

From: info <info@geo-cal.com>
Sent: Wednesday, August 21, 2019 12:02 PM
To: emilangelo@assetlaboratories.com
Subject: Urgent: W.O: N036834

Hello Emil,

Please check with your team about missing test results for 1395 E. Washington St. Colton CA, Work Order No.N036834 these include in particular:

Ethyl Tert-butyl ether
Tert-amyl methyl ether
Di-isopropyl ether
Tert-butanol

If you have any questions please do not hesitate to call me,

Thank you,

Henry Olivier
Vice President
Geo-Cal, Inc.
P.O. Box 9493
San Bernardino, CA 92427
(909) 880-1146 O
(909) 880-1557 F

ASSET Laboratories

WORK ORDER Summary

06-Aug-19

WorkOrder: N036834

Client ID: GEOCA01

Project: 1395 E. Washington St. Colton, CA 92324 **QC Level:** RTNE **Date Received:** 8/5/2019

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N036834-001A	HB1-5'	8/3/2019 6:35:00 AM	8/12/2019	Soil	EPA 8015B	DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID	☐	☐	☐	VS/WS
			8/12/2019		EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	☐	☐	☐	VS/WS
			8/12/2019		EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	☐	☐	☐	VS/WS
			8/12/2019		EPA 3550B	SHAKE-OUT METHOD: EXTRACTABLE FUELS	☐	☐	☐	VS/WS
N036834-002A	HB1-10'	8/3/2019 6:45:00 AM					☐	☐	☐	VS/WS
N036834-003A	HB1-15'	8/3/2019 6:50:00 AM	8/12/2019		EPA 8015B	DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID	☐	☐	☐	VS/WS
			8/12/2019		EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	☐	☐	☐	VS/WS
			8/12/2019		EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	☐	☐	☐	VS/WS
			8/12/2019		EPA 3550B	SHAKE-OUT METHOD: EXTRACTABLE FUELS	☐	☐	☐	VS/WS
N036834-004A	HB1-20'	8/3/2019 7:20:00 AM					☐	☐	☐	VS/WS
N036834-005A	HB1-25'	8/3/2019 7:25:00 AM	8/12/2019		EPA 8015B	DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID	☐	☐	☐	VS/WS
			8/12/2019		EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	☐	☐	☐	VS/WS
			8/12/2019		EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	☐	☐	☐	VS/WS
			8/12/2019		EPA 3550B	SHAKE-OUT METHOD: EXTRACTABLE FUELS	☐	☐	☐	VS/WS
N036834-006A	HB2-5'	8/3/2019 7:30:00 AM	8/12/2019		EPA 8015B	DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID	☐	☐	☐	VS/WS
			8/12/2019		EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	☐	☐	☐	VS/WS
			8/12/2019		EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	☐	☐	☐	VS/WS

ASSET Laboratories

WORK ORDER Summary

06-Aug-19

WorkOrder: N036834

Client ID: GEOCA01

Project: 1395 E. Washington St. Colton, CA 92324 **QC Level:** RTNE **Date Received:** 8/5/2019

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N036834-006A	HB2-5'	8/3/2019 7:30:00 AM	8/12/2019	Soil	EPA 3550B	SHAKE-OUT METHOD: EXTRACTABLE FUELS	☐	☐	☐	VS/WS
N036834-007A	HB2-10'	8/3/2019 7:34:00 AM					☐	☐	☐	VS/WS
N036834-008A	HB2-15'	8/3/2019 7:41:00 AM	8/12/2019		EPA 8015B	DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID	☐	☐	☐	VS/WS
			8/12/2019		EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	☐	☐	☐	VS/WS
			8/12/2019		EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	☐	☐	☐	VS/WS
			8/12/2019		EPA 3550B	SHAKE-OUT METHOD: EXTRACTABLE FUELS	☐	☐	☐	VS/WS
N036834-009A	HB3-5'	8/3/2019 8:00:00 AM					☐	☐	☐	VS/WS
N036834-010A	HB3-10'	8/3/2019 8:10:00 AM	8/12/2019		EPA 8015B	DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID	☐	☐	☐	VS/WS
			8/12/2019		EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	☐	☐	☐	VS/WS
			8/12/2019		EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	☐	☐	☐	VS/WS
			8/12/2019		EPA 3550B	SHAKE-OUT METHOD: EXTRACTABLE FUELS	☐	☐	☐	VS/WS
N036834-011A	HB3-20'	8/3/2019 8:14:00 AM					☐	☐	☐	VS/WS
N036834-012A	HB3-25'	8/3/2019 8:20:00 AM	8/12/2019		EPA 8015B	DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID	☐	☐	☐	VS/WS
			8/12/2019		EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	☐	☐	☐	VS/WS
			8/12/2019		EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	☐	☐	☐	VS/WS
			8/12/2019		EPA 3550B	SHAKE-OUT METHOD: EXTRACTABLE FUELS	☐	☐	☐	VS/WS
N036834-013A	HB4-5'	8/3/2019 8:40:00 AM					☐	☐	☐	VS/WS
N036834-014A	HB4-10'	8/3/2019 8:45:00 AM	8/12/2019		EPA 8015B	DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID	☐	☐	☐	VS/WS

ASSET Laboratories

WORK ORDER Summary

06-Aug-19

WorkOrder: N036834

Client ID: GEOCA01

Project: 1395 E. Washington St. Colton, CA 92324 **QC Level:** RTNE **Date Received:** 8/5/2019

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N036834-014A	HB4-10'	8/3/2019 8:45:00 AM	8/12/2019	Soil	EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	☐	☐	☐	VS/WS
			8/12/2019		EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	☐	☐	☐	VS/WS
			8/12/2019		EPA 3550B	SHAKE-OUT METHOD: EXTRACTABLE FUELS	☐	☐	☐	VS/WS
N036834-015A	HB4-15'	8/3/2019 8:55:00 AM	8/12/2019		EPA 8015B	DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID	☐	☐	☐	VS/WS
			8/12/2019		EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	☐	☐	☐	VS/WS
			8/12/2019		EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	☐	☐	☐	VS/WS
			8/12/2019		EPA 3550B	SHAKE-OUT METHOD: EXTRACTABLE FUELS	☐	☐	☐	VS/WS
N036834-016A	HB5-5'	8/3/2019 9:07:00 AM					☐	☐	☐	VS/WS
N036834-017A	HB5-10'	8/3/2019 9:12:00 AM	8/12/2019		EPA 8015B	DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID	☐	☐	☐	VS/WS
			8/12/2019		EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	☐	☐	☐	VS/WS
			8/12/2019		EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	☐	☐	☐	VS/WS
			8/12/2019		EPA 3550B	SHAKE-OUT METHOD: EXTRACTABLE FUELS	☐	☐	☐	VS/WS
N036834-018A	HB5-15'	8/3/2019 9:18:00 AM					☐	☐	☐	VS/WS
N036834-019A	HB5-20'	8/3/2019 9:25:00 AM	8/12/2019		EPA 8015B	DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID	☐	☐	☐	VS/WS
			8/12/2019		EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	☐	☐	☐	VS/WS
			8/12/2019		EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	☐	☐	☐	VS/WS
			8/12/2019		EPA 3550B	SHAKE-OUT METHOD: EXTRACTABLE FUELS	☐	☐	☐	VS/WS
N036834-020A	HB5-25'	8/3/2019 9:31:00 AM					☐	☐	☐	VS/WS

ASSET Laboratories

WORK ORDER Summary

06-Aug-19

WorkOrder: N036834

Client ID: GEOCA01

Project: 1395 E. Washington St. Colton, CA 92324 **QC Level:** RTNE **Date Received:** 8/5/2019

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N036834-021A	H5-30'	8/3/2019 9:38:00 AM	8/12/2019	Soil	EPA 8015B	DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID	☐	☐	☐	VS/WS
			8/12/2019		EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	☐	☐	☐	VS/WS
			8/12/2019		EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	☐	☐	☐	VS/WS
			8/12/2019		EPA 3550B	SHAKE-OUT METHOD: EXTRACTABLE FUELS	☐	☐	☐	VS/WS
N036834-022A	FOLDER	8/12/2019	8/12/2019		EDD	ATL inhouse excel file EDD	☐	☐	☐	LAB
			8/12/2019		Folder	Folder	☐	☐	☐	LAB
			8/12/2019		Folder	Folder	☐	☐	☐	LAB

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800-322-5555
www.gso.com

Ship From
ASSET LABORATORIES
MARIANNE SANTOS
11110 ARTESIA BLVD. SUITE B
CERRITOS, CA 90703

Ship To
ASSET LABORATORIES
MARLON CARTIN
3151 W. POST RD.,
LAS VEGAS, NV 89118

COD: $0.00
Weight: 0 lb(s)
Reference:

Delivery Instructions:
HOLD FOR PICK-UP
Signature Type: STANDARD

Tracking #: 545735122

CPS

LAS VEGAS

C89102A

6653392

LVS NV891-C51

Print Date: 8/5/2019 6:06 PM

PRINT LABEL ☐ Print All FINISH

IR#2 2.4°C 1 of 1

LABEL INSTRUCTIONS:

Do not copy or reprint this label for additional shipments - each package must have a unique barcode.
Step 1: Use the "Print Label" button on this page to print the shipping label on a laser or inkjet printer.
Step 2: Fold this page in half.
Step 3: Securely attach this label to your package and do not cover the barcode.

TERMS AND CONDITIONS:

By giving us your shipment to deliver, you agree to all of the GSO service terms & conditions including, but not limited to; limits of liability, declared value conditions, and claim procedures which are available on our website at www.gso.com.