TECHNICAL MEMORANDUM
RADIOLOGICAL BACKGROUND STUDY
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

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LIST OF ACRONYMS AND ABBREVIATIONS

bgs	below ground surface
Boeing	The Boeing Company
BTV	Background Threshold Value
COSCA	Conejo Open Space Conservation Agency
DOE	U.S. Department of Energy
DPT	direct-push technology
DQO	Data Quality Objective
DTL	Distance Test Location
DTSC	Department of Toxic Substances Control
EPA	U.S. Environmental Protection Agency
ft	feet
GPS	Global Positioning System
HGL	HydroGeoLogic, Inc.
MARSSIM	Multi-Agency Radiation Survey and Site Investigation Manual
MDC	Minimum Detectable Concentration
MRCA	Mountains Recreation and Conservation Authority
NASA	National Aeronautics and Space Administration
Pace	Pace Analytical Services, Inc.
pCi/g	picocuries per gram of dry soil
pCi/L	picocuries per liter of water
PVC	polyvinyl chloride
RBRA	Radiological Background Reference Area
SSFL	Santa Susana Field Laboratory

TECHNICAL MEMORANDUM
RADIOLOGICAL BACKGROUND STUDY
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

1.0 INTRODUCTION

The purpose of this technical memorandum is to present the laboratory results for soil samples collected as part of the Santa Susana Field Laboratory (SSFL) Radiological Background Study. As part of this study, soil samples were collected and analyzed by a laboratory in accordance with procedures outlined in the Final Sampling and Analysis Plan, Radiological Background Study, Santa Susana Field Laboratory, Ventura County, California (HGL, 2009).

This technical memorandum does not contain a detailed analysis of the data. A comprehensive, final report will be prepared and distributed. It is expected to be released by May 2011. This final report will contain additional details regarding the background study field program, data collection protocols, sample analyses, and data analyses. The report will also contain statistical evaluations of all the data. This evaluation will result in the establishment of background threshold values (BTVs) for each radionuclide. The BTVs will ultimately be used to assist the State of California in making cleanup decisions at the SSFL.

This technical memorandum also does not contain all the analyses that will be evaluated for the SSFL Background Study. Analytical data for the following isotopes have been received from the laboratory, but have not been validated yet:

- Neptunium-237
- Plutonium-236
- Plutonium-241
- Uranium-232
- Bismuth-210/Lead-210
- Iodine-129
- Iron-55
- Nickel-59
- Nickel-63
- Promethium-147
- Technicium-99
- Radium-226
- Curium-248

The analytical results for these isotopes will be presented in an addendum to this technical memorandum in March 2011.

The gamma spectroscopy results for barium-133, californium-249, silver-108, and silver-108m have been rejected due to spectral interference from naturally occurring radionuclides, which were observed in all the samples. Consequently, the results for these four radionuclides are not presented.

The primary objective of the SSFL Radiological Background Study is to determine background radionuclide concentrations within surface and subsurface soils overlying the two geologic formations that are present at the SSFL (Chatsworth and Santa Susana Formations). The SSFL site location is illustrated on Figure 1. The potential uses of the data generated from this study include the following:

- Determine the extent of soil contamination at the SSFL;
- Assist the California Department of Toxic Substances Control (DTSC) in establishing appropriate cleanup levels;
- Provide background data of sufficient quality that it can be used to support human health and ecological risk assessments; and
- Establish a reference data set for site characterization surveys and site closure surveys (final status surveys) in accordance with Multi-Agency Radiation Survey and Site Investigation Manual (MARSSIM) guidance (EPA et al., 2000).

To accomplish this primary objective, surface and subsurface soil samples were collected at three radiological background reference areas (RBRAs) located outside the SSFL property boundary. Two of the areas overlie the Chatsworth Formation and one area overlies the Santa Susana Formation. The RBRAs that overlie the Chatsworth Formation are known as the Lang Ranch Location (which is located within China Flat on National Park Service land) and the Rocky Peak Location; and the RBRA that overlies the Santa Susana Formation is known as the Bridle Path Location. RBRAs were selected and approved by the U.S. Environmental Protection Agency (EPA), with the concurrence of the project stakeholders participating in the Background Study Technical Group, which consists of community members, EPA, U.S. Department of Energy (DOE), The Boeing Company (Boeing), National Aeronautics and Space Administration (NASA), and DTSC. All three RBRAs are located between 3 and 6 miles from the SSFL property boundary (see Figure 2).

During Background Study Technical Group meetings, community members expressed concern that the proposed RBRAs may be too close to the SSFL and may have been impacted by atmospheric releases of radionuclides from SSFL. To address this concern, a secondary study was designed to determine whether surface soils at the RBRAs were impacted by SSFL releases.

To accomplish this secondary objective, surface soil samples were collected in areas that are located greater than 10 miles from the SSFL. These locations are referred to as distance test locations (DTLs). Surface soil samples were collected and analyzed at 20 of the DTLs identified on Figure 3 (five surface samples in each quadrant). These samples were analyzed for a targeted group of radionuclides that could likely be found in SSFL atmospheric releases. A statistical

analysis will be conducted to determine whether the radionuclide concentrations in surface soil at the individual RBRAs are higher than the radionuclide concentrations at the DTLs. This statistical analysis will be presented in the final report.

In accordance with the approved scope, the following activities were completed in order to accomplish the objectives described above:

- Completed surface soil gross gamma surveys at the DTLs and RBRAs;
- Conducted surface soil sampling at the RBRAs and DTLs;
- Conducted subsurface soil sampling at the RBRAs;
- Conducted gamma surveys of boreholes at the RBRAs;
- Completed analytical analysis of all soil samples; and
- Validated the analytical data to determine their usability for decision making.

Data included in this report is raw data that will be statistically evaluated. BTVs for each radionuclide will be developed after the statistical evaluation is completed.

2.0 SITE SUMMARIES AND SELECTION CRITERIA

This section describes the RBRA and DTL locations sampled during the study and the selection criteria used to identify suitable RBRAs and DTLs.

An extensive evaluation was conducted to identify suitable RBRAs and DTLs. This process focused on finding sampling locations that were within undeveloped areas, public parklands and open spaces. Initially, the evaluation focused on identifying sites within the Santa Susana or Chatsworth Formations that could be used for RBRAs. The Background Study Technical Group, consisting of community members, EPA, DOE, Boeing, NASA, DTSC and contractors, participated in this evaluation process and the selection of RBRAs. Subsequent efforts focused on the identification of DTLs, located at least 10 miles from the SSFL. The Santa Susana and Chatsworth Formations do not extend more than 6 miles from the SSFL. Consequently, the DTLs could not be located in areas that are not underlain by these geologic formations.

The identification of both RBRAs and DTLs involved the following activities:

- Development of site selection criteria;
- Evaluation of historical studies, maps, and aerial photos;
- Selection of areas for more extensive evaluation;
- Extensive site reconnaissance; and
- Selection of optimal sites based on the selection criteria.

Members of the Background Study Technical Group participated in multiple field reconnaissance trips. Most members of the Background Study Technical Group participated in the site reconnaissance activities associated with the RBRAs. A smaller group consisting of EPA, HydroGeoLogic, Inc. (HGL), and several community members conducted the site reconnaissance for the DTLs, and ultimately identified the DTLs that are discussed below.

2.1 RADIOLOGICAL BACKGROUND REFERENCE AREAS

The RBRAs selected for sampling were evaluated based on the following criteria, which were developed by the Background Study Technical Group:

- Distance and direction from the SSFL;
- Site elevation;
- The size of the area;
- The geologic formation underlying the site (Chatsworth or Santa Susana formations);
- Property access to the location can be obtained;
- The area can be easily cleared for grid spacing, surveying, and sampling;
- The necessary equipment can be mobilized to the site (for example: the site is physically accessible);

- The area is minimally shielded by the surrounding mountains;
- The area is minimally shielded by heavy vegetation;
- There is no indication of human activity in the area;
- There is a sufficient depth of soil to allow for subsurface soil sampling;
- There is minimal evidence of animal disturbance;
- There is minimal evidence of erosion in the area; and
- There is a minimal presence of protected animals and/or plants in the area.

After an extensive site identification and evaluation process, three RBRAs were selected for data collection. Two of these areas overlie the Chatsworth Formation and one area overlies the Santa Susana Formation.

Approximately 50 surface soil samples and 20 subsurface soil soils were collected from each geological formation during the SSFL Radiological Background Study

2.1.1 Lang Ranch

The Lang Ranch RBRA is a 1-acre undeveloped area located on National Park Service land (Figure 4). It is located approximately 3 miles from the SSFL. The Lang Ranch RBRA (Figure 4) was selected for collection of soil data, because this location is in the same geological formation as the SSFL (Chatsworth Formation), and it met the other selection criteria described above. A narrow trail bisects the 1-acre area; however, no sample locations were located on the trail.

2.1.2 Rocky Peak

The Rocky Peak RBRA is a 1-acre undeveloped area located on State of California Mountains Recreation and Conservation Authority (MRCA) land (Figure 5). It is located approximately 4 miles from the SSFL. The Rocky Peak RBRA (Figure 5) was selected for collection of soil data, because this location is in the same geological formation as the SSFL (Chatsworth Formation), and it met the other selection criteria described above. A small ravine is located just east of the RBRA.

2.1.3 Bridle Path

The Bridle Path RBRA is a 1-acre undeveloped area located on land managed by the City of Thousand Oaks and the Conejo Open Space Conservation Agency (COSCA) (Figure 6). It is located approximately 5 miles from the SSFL. The Bridle Path RBRA (Figure 6) was selected for collection of soil data, because this location is in the same geological formation as the SSFL (Santa Susana Formation), and it met the other selection criteria described above.

2.2 DISTANCE TEST LOCATIONS

As with the RBRAs, undeveloped areas, public parklands and opens spaces were evaluated for the purpose of identifying DTLs. Community members provided considerable input into the parklands and open spaces that were ultimately considered for further evaluation. The following criteria were used to identify and select the DTLs:

- Each location is greater than 10 miles from the SSFL;
- The locations are evenly distributed in all directions surrounding the SSFL, with 10 locations in each compass quadrant – northeast, southeast, southwest and northwest;
- There are no obvious industrial facilities with radioactive materials near any of the locations;
- The long-term average precipitation for each location is similar to that of the SSFL;
- Property access for each location can be obtained;
- Each location is physically accessible;
- There is no indication of human activity;
- There is minimal evidence of animal disturbance;
- There is minimal evidence of erosion; and
- There is minimal shielding by heavy vegetation.

Using these evaluation criteria, EPA, community members, and other stakeholders selected at least 10 DTLs in each compass quadrant.

As previously mentioned, surface soil samples were collected in undeveloped areas that are located greater 10 miles from the SSFL. These locations are referred to at DTLs. Forty DTLs were identified as potential sampling locations with 10 DTLs per compass quadrant surrounding the SSFL. A random number generator was used to identify six of the DTLs in each quadrant for surface soil sampling. EPA staff and stakeholders monitored the process that was used to randomly identify the sampling locations. In the event that one of the locations was not suitable, an alternative location within the quadrant was selected using the random number generator.

One surface soil sample was collected at each of the six locations in each quadrant of the DTLs after the gamma survey was completed and measurements indicated no anomalies. These sample locations are shown in Figure 3. The sixth sample collected was archived as a backup sample. Therefore, a total of 20 surface soil samples collected from the DTLs were submitted to the laboratory for analysis and four samples were archived for possible future analysis.

2.2.1 Southwest Quadrant

All six DTL sample locations in the southwest quadrant were located with the Santa Monica Mountains National Recreation Area. The Santa Monica Mountains Recreation Area is federal land managed by the National Park Service. The DTLs were located approximately 14 miles

from the SSFL. The results of aerial photograph analysis and field reconnaissance suggest that the DTLs were not disturbed by anthropogenic activities.

2.2.2 Northwest Quadrant

Of the six sample locations in the northwest quadrant, three of the sample locations were in the Los Padres National Forest and three of the sample locations were in the Lake Piru Recreation Area. The DTLs were located between 20 and 22 miles from the SSFL. The results of aerial photograph analysis and field reconnaissance suggest that the DTLs were not disturbed by anthropogenic activities.

2.2.3 Northeast Quadrant

Of the six sample locations in the northeast quadrant, four of the sample locations were in property managed by the Santa Monica Mountains Conservancy and two of the sample locations were in property managed by the Santa Clarita Watershed Recreation and Conservation Authority. All of the property is owned by the State of California. The DTLs were located between 11 and 14 miles from the SSFL. The results of aerial photograph analysis and field reconnaissance suggest that the DTLs were not disturbed by anthropogenic activities.

2.2.4 Southeast Quadrant

All six DTL sample locations in the southeast quadrant were located with the Topanga State Park. The property is owned by the State of California. The DTLs were located between 10 and 12 miles from the SSFL. The results of aerial photograph analysis and field reconnaissance suggest that the DTLs were not disturbed by anthropogenic activities.

3.0 SOIL SAMPLING METHODOLOGY

This section discusses the sampling methodology used at both the DTLs and RBRAs. The sampling methodology described below is in accordance with Final Sampling and Analysis Plan, Radiological Background Study, Santa Susana Field Laboratory, Ventura County, California (HGL, 2009). This document was developed based on MARSSIM.

Some property owners delayed access to their respective properties due to concerns that the field activities might negatively impact their property. In particular, multiple meetings and discussions occurred between the Santa Monica Mountains Conservancy and the EPA before access was granted to the DTL locations in the northeast quadrant. In addition, multiple meetings, discussions, and negotiations occurred between COSCA and the EPA before access was granted to the Bridle Path RBRA. Therefore, the sampling activities were conducted in two mobilizations. The first mobilization was conducted from August 25, 2009, to September 3, 2009. During this mobilization, all the DTL locations were surveyed and sampled. In addition, the Lang Ranch RBRA and the Rocky Peak RBRA were also surveyed and sampled.

The second mobilization was conducted from November 17, 2009, to November 20, 2009. During this mobilization, the Bridle Path RBRA was surveyed and sampled.

3.1 SITE SURVEY AND LOCATING SAMPLES

All relevant permits and permissions were obtained prior to the commencement of intrusive activities at the sites. Each RBRA and DTL location was identified in the field using aerial photography and a hand-held Global Positions System (GPS) unit.

Once the general location of the RBRA was located, a 1-acre area was measured and staked. After the measurement was completed, the EPA and stakeholders examined the area and approved or modified the RBRA location based on any topographic or anthropomorphic issues (i.e., trails, ravines, etc.). Once the 1-acre RBRA area was approved, specific sample locations were positioned in a grid pattern in each RBRA in accordance with a Class 1 MARSSIM survey unit. The start locations of the grids were randomly selected using the random number generator at www.random.org. The random numbers were generated onsite with oversight by both EPA and stakeholders. The grid nodes were based on a sample density of 50 samples per 1-acre area, which is within the range of most MARSSIM final status surveys.

At the Rocky Peak RBRA, only 42 locations were staked in the 1-acre area after following the gridding methodology described above. This was due to the removal of a portion of the 1-acre area that contained a ravine. In this instance, 8 additional sampling locations were added to the RBRA using the random number generator at www.random.org.

At the Lang Ranch and Bridle Peak RBRAs, 54 locations were staked in each 1-acre area after following the gridding methodology described above. In these instances, all 54 locations were staked as directed in MARSSIM.

3.2 SURFACE SOIL SAMPLING

One surface soil sample was collected at each of the six locations in each quadrant of the DTLs after the gamma survey was completed and measurements indicated no anomalies. All six samples from each quadrant were delivered to the laboratory, but the sixth sample collected was archived as a backup sample. Therefore, a total of 20 surface soil samples collected from the DTLs were submitted to the laboratory for analysis and 4 samples were archived for possible future analysis.

A total of 109 surface soil samples were collected from the RBRA areas. Fifty-four surface soil samples were collected from the single area overlying the Santa Susana Formation (Bridle Path RBRA) and a total of 55 samples were collected from the two areas overlying the Chatsworth Formation (27 samples at the Lang Ranch RBRA and 28 samples at the Rocky Peak RBRA).

The following steps were completed at each surface soil sampling location:

1. Vegetation was cleared from the sampling location.
2. A stainless steel trowel or stainless steel shovel was used to dig a hole approximately 6-inches deep and 1-foot in diameter.
3. The surface soil in the area was examined and logged.
4. Soil was removed from the hole and placed in appropriate sample containers.
5. After the sample containers were filled, any excess soil was placed back into the hole and the hole was filled to grade with native soil from the surrounding area.
6. Any vegetation removed during the sampling was returned to its original location.
7. The sampling location was recorded using a hand-held GPS unit.

The surface soil sample was placed directly into an appropriate sample container, properly labeled, sealed, packaged, and then shipped to the laboratory.

3.3 SUBSURFACE SOIL SAMPLING

Within each geologic formation, 20 subsurface soil samples were collected (total of 40 subsurface soil samples). Therefore, 10 subsurface soil samples were collected at each of the Chatsworth Formation RBRAs (Lang Ranch and Rocky Peak) and 20 subsurface soil samples were collected at the Santa Susana RBRA (Bridle Path). At each RBRA, the subsurface sampling locations were chosen randomly using the random number generator at www.random.org. All the gridded surface soil sampling locations at each RBRA were entered into the random number generator program. The subsurface sampling locations were co-located with the surface sampling location determined by the random number generator.

At each subsurface sampling location, a subsurface soil sample was collected from a depth greater than 3 feet (ft) below ground surface (bgs). An attempt was made at each subsurface sampling location to collect a subsurface soil sample between 3 to 10 ft bgs. However, bedrock caused refusal at some sampling locations and the soil samples were collected from 3 ft bgs to refusal. The soil collected from the entire depth interval was composited into one homogeneous soil sample.

At the Lang Ranch RBRA, subsurface soil sampling was conducted using direct-push technology (DPT). Subsurface soils were continuously sampled using Geoprobe® Macrocore samplers that provide 1.5-inch diameter, 4-foot long soil cores contained in acetate sleeves.

The sampling procedure was as follows:

1. Drove the sample apparatus into the sampling material.
2. Retracted and disassembled the sample apparatus.
3. Removed the acetate liner.
4. Opened the acetate liner with a cutting tool.
5. Lithologically characterized the soil.
6. Collected the sample using a clean utensil.
7. Placed the sample into an appropriate container.

The property owners at the Rocky Peak RBRA and the Bridle Path RBRA would not allow DPT sampling. Therefore, subsurface samples at these two RBRAs were collected using a hand auger. The hand auger subsurface soil sampling procedure was completed as follows:

1. Excavated soil to the pre-determined sampling depth (3-10 ft bgs) by using a decontaminated hand auger.
2. When 3 ft bgs was reached, removed the hand auger and all the cuttings from the hole.
3. Lowered the decontaminated hand auger to the bottom of the hole.
4. Marked the sample interval on the auger.
5. Advanced the auger until it was flush with the interval mark at ground level.
6. When the auger was advanced the total depth of the required sample, it was removed from the bottom of the hole.
7. Lithologically characterized the soil.
8. Transferred the subsurface soil sample immediately to an appropriate container.

The subsurface soil sample was placed directly into an appropriate sample container, properly labeled, sealed, packaged, and then shipped to the laboratory.

4.0 GAMMA SCANNING METHODOLOGY

4.1 GAMMA RADIATION WALKOVER SURVEY

A Gamma Radiation Screening Walkover Survey was performed at the six DTLs in each quadrant. The survey was conducted over an approximately 50-ft by 50-ft area surrounding each DTL sample location to determine whether there were any anomalies. If an anomaly was detected, the sampling location was rejected and another location was randomly selected.

A Gamma Radiation Screening Walkover Survey was performed at all three RBRAs as well. After each RBRA area was measured and marked, HGL surveyed the entire 1-acre area. Measurements were reviewed in the field to determine the presence of any anomalies.

4.2 BOREHOLE GAMMA SURVEY

After subsurface soil sampling activities were completed, a borehole gamma survey was conducted in each borehole. Once a borehole was completed using either a hand auger or a DPT rig, a Schedule 40 polyvinyl chloride (PVC) pipe was placed in the hole to prevent the loss of the detector in the event the hole collapsed. The largest detector that can fit into the PVC pipe was used to maximize detection sensitivity. The borehole gamma scanning was completed as follows:

1. Held the detector 6 inches above the hole, and took a 1 minute static integrated measurement. Recorded the measurement in counts per minute.
2. Lowered the detector slowly at a rate of approximately 1 inch per second while observing the count rate.
3. Stopped the meter at each 6-inch interval and took a 1 minute static integrated measurement in scaler mode.
4. Repeated measurement, stopping at each 6-inch interval until the bottom of the borehole was reached.
5. Recorded the measurements in the field logbook and on the boring log.

Each borehole was filled with native soil and/or high-solids bentonite grout chips after completion of activities at each location. Any vegetation removed during sampling was returned to its original location.

5.0 DATA VALIDATION

All analytical data received from the laboratory is validated by an independent validator. Data validation is a systematic, technically-based evaluation process to determine the presence or absence of the analytes of interest, the uncertainty of the measurement process, and the technical reliability or degree of confidence in the reported results. Data validation occurs prior to drawing conclusions from the body of data.

The data validation procedure had the following steps:

1. Understand the science;
2. Review the laboratory data against established Data Quality Objectives (DQOs);
3. Qualify the data; and
4. Complete the Validation Report.

All analytical data included in this report have been validated by experienced data validators. All preliminary data validated to this point have met established DQOs for this project. After the quality assessment has been performed, data qualifiers are attached to some analytical results. For these results the sample data are believed to be acceptable for their intended use; that intended use being the establishment of background threshold values against which future on-site sample results can be compared. These background threshold values can be used to determine whether on-site radionuclide concentrations are attributable to site operations.

6.0 DATA

6.1 GAMMA SCANNING RESULTS

Gamma radiation scanning surveys were conducted at 25 DTLs and three RBRAs to determine if gamma radiation anomalies were present in the surface soil before collection of surface soil samples. The surveys were conducted with a Ludlum Model 2221 ratemeter and Ludlum Model 44-20 sodium iodide scintillation detector. In addition, gamma radiation surveys of 40 boreholes were conducted to determine the background gamma radiation levels in the subsurface soil at each RBRA. A Ludlum Model 2221 ratemeter with a Ludlum Model 44-2 and Ludlum Model 44-62 sodium iodide scintillation detectors were used to collect the subsurface gamma radiation results.

The gamma radiation scanning surveys were conducted by moving the Model 44-20 detector approximately 6 inches above the surface soil at a scanning rate of approximately 18 to 24 inches per second. The instrument operator observed the count rate on the Model 2221 during the scan and recorded the approximate minimum, average, and maximum count rates. At each DTL an area of 50-ft by 50-ft was surveyed whereas 1 acre was scanned at each RBRA. For each borehole, a static 1 minute scaler measurement was collected at 6 inch intervals from 6 inches above the borehole to the bottom with the Model 44-62 detector and, if the borehole diameter was large enough, also the Model 44-2 detector. Surface gamma radiation results for the DTLs and the RBRAs are summarized in Table 1. Results of the borehole gamma surveys for the Ludlum Model 2221 44-2 and the Ludlum Model 2221 44-62 are summarized in Table 2 and Table 3, respectively.

No gamma radiation anomalies were detected in the DTLs or the RBRAs except for location TP-16 located within the Santa Monica Mountains. Gamma radiation level increased more than threefold from the southern to northern boundary of TP-16 indicating a large variation in gamma radiation and an anomaly. Thus, TP-16 was rejected as a surface soil sampling location.

6.2 ANALYTICAL RESULTS

The laboratory analysis of the SSFL Background Study samples was completed by Pace Analytical Services, Inc. (Pace) of Greensburg, Pennsylvania. The analytical results were validated by The Palladino Company of San Francisco, California.

Background Study validated soil sample results are exhibited in Tables 4-55. Soil samples from the RBRAs were analyzed for the entire list of isotopes listed below:

<u>Gamma Spectroscopy Isotopes</u>

- Actinium-227
- Actinium-228
- Antimony-125
- Barium-137m
- Bismuth-212
- Bismuth-214

- Cadmium-113m
- Cesium-134
- Cesium-137
- Cobalt-60
- Europium-152
- Europium-154
- Europium-155
- Holmium-166m
- Lead-212
- Lead-214
- Neptunium-236
- Neptunium-239
- Niobium-94
- Potassium-40
- Protactium-231
- Radium-228
- Radon-220
- Radon-222
- Sodium-22
- Tellurium-125m
- Thallium-208
- Thorium-234
- Thulium-171
- Tin-126

Alpha Spectroscopy Isotopes

- Americium-241
- Americium-243
- Curium-243/244
- Curium-245/246
- Polonium-210
- Plutonium-238
- Plutonium-239/240
- Plutonium-242
- Plutonium-244
- Thorium-228
- Thorium-229
- Thorium-230
- Thorium-231
- Thorium-232
- Uranium-233/234
- Uranium-235/236
- Uranium-238
- Uranium-240

Gas Flow Proportional Counting Isotopes

- Strontium-90

Liquid Scintillation Isotopes

- Tritium
- Carbon-14

Soil samples from the DTLs were only analyzed for cesium-137, cobalt-60, strontium-90, plutonium-238, and plutonium-239/240.

Each data table exhibits the analytical results for each isotope. Below is a brief description of each column:

- **Sample ID** – Field sample identification for each sample. Any sample ending in "SUR' is a surface soil samples and any sample ending in a "SUB" is a subsurface sample.
- **Analyte** – Isotope that was analyzed.
- **Results** – The activity in the sample. Activity concentration is expressed in picocuries per gram of dry soil (pCi/g).
- **Qualifier** – Qualifier of data that may not meet all the required MQOs, but may still be usable under certain conditions.
- **Uncertainty** - The overall potential error in the measurement result. This represents the 95% confidence interval uncertainty for this particular sample. Reported at the 1.96σ Confidence Interval. Gamma spectroscopy reported at the 2σ Confidence Interval.
- **MDC** - The theoretical amount of activity that would have to be in a sample, in order to be distinguishable from a sample with no activity.
- **Agricultural PRGs** – Preliminary Remediation Goals based on agricultural uses.

6.2.1 Gamma Spectroscopy Analytical Results

Gamma spectroscopy analytical results are shown in Tables 4-33.

6.2.2 Alpha Spectroscopy Analytical Results

Alpha spectroscopy analytical results are shown in Tables 34-51.

6.2.3 Gas Flow Proportional Counting Analytical Results

Gas flow proportional counting analytical results are shown in Table 52.

6.2.4 Liquid Scintillation Analytical Results

Liquid Scintillation analytical results are shown in Tables 53-54.

6.3 COMPARISON OF DATA TO THE MCLAREN/HART STUDY

In March 1993, the McLaren/Hart Environmental Engineering Corporation conducted a study for the Rockwell International Corporation, Rocketdyne Division. This study included multi-media sampling of properties adjacent to the SSFL. As part of this study, 18 soil samples were collected from background areas for comparison to the study areas. Table 55 compares analytical result ranges and medians to the ranges and medians from the McLaren/Hart report. Note that the median calculated with our results include potential outliers. Outliers will be identified as part of the statistical evaluation.

Comparison of tritium values in the McLaren/Hart Report to the tritium results reported for this project is not possible. This project analyzed soil samples for organic tritium (reported as pCi/g) while the McLaren/Hart project analyzed soil samples for aqueous tritium (reported as picocuries per liter of water).

7.0 PATH FORWARD

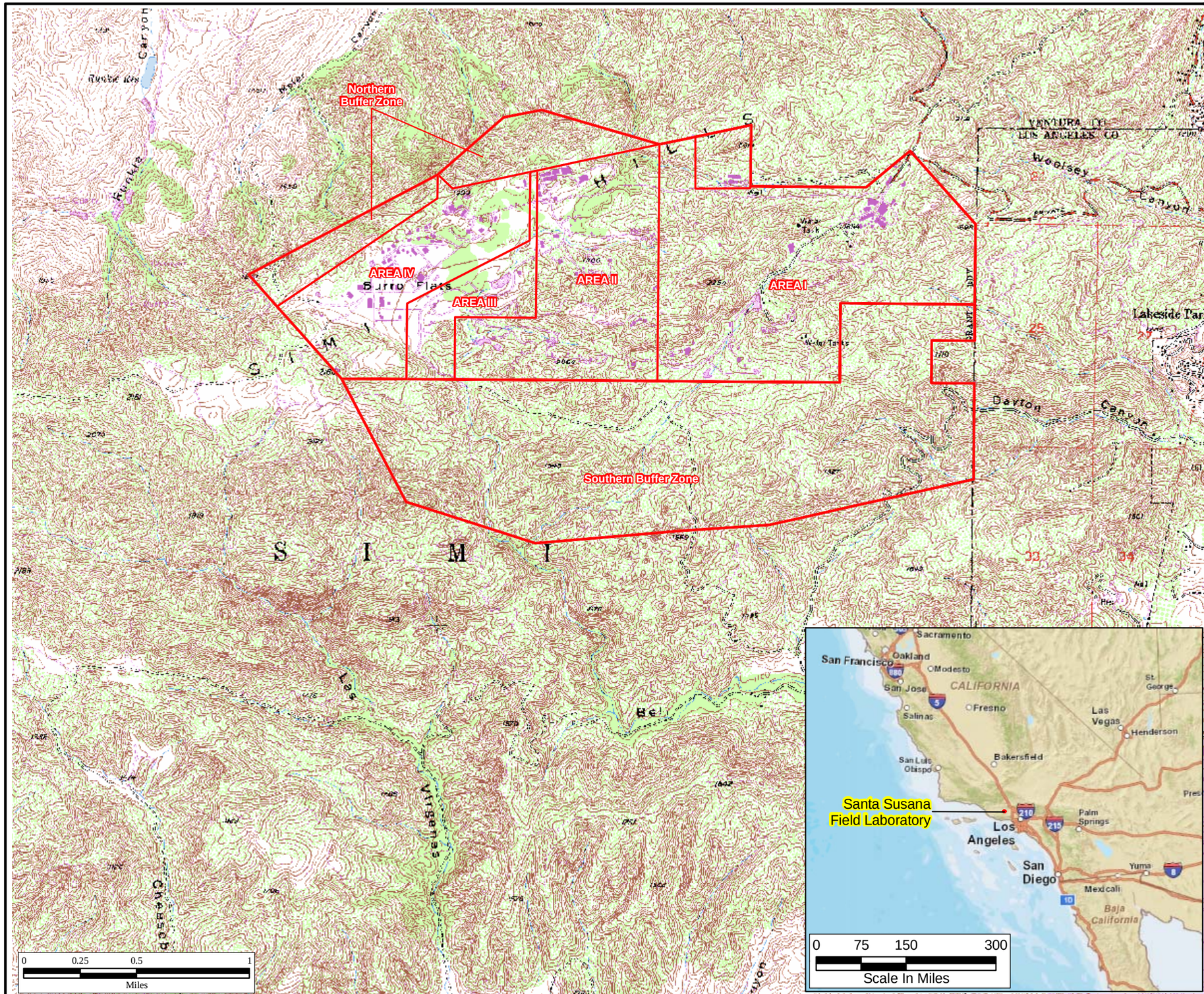
All analytical data will be statistically evaluated and included in the SSFL Background Study Report. The Draft Final version of the SSFL Background Study Report is currently scheduled to be completed by April/May 2011.

8.0 REFERENCES

HydroGeoLogic, Inc. (HGL), 2009. *Final Sampling and Analysis Plan, Radiological Background Study, Santa Susana Field Laboratory, Ventura County, California.* August.

U.S. Environmental Protection Agency, et al. (EPA et al.), 2000. *Multi-agency Radiation Survey and Site Investigation Manual (MARSSIM).* August.

FIGURES



HGL—Santa Susana Field Laboratory Radiological Background Study—Ventura County, California

Figure 1
Site Location
Santa Susana Field Laboratory

U.S. EPA Region 9

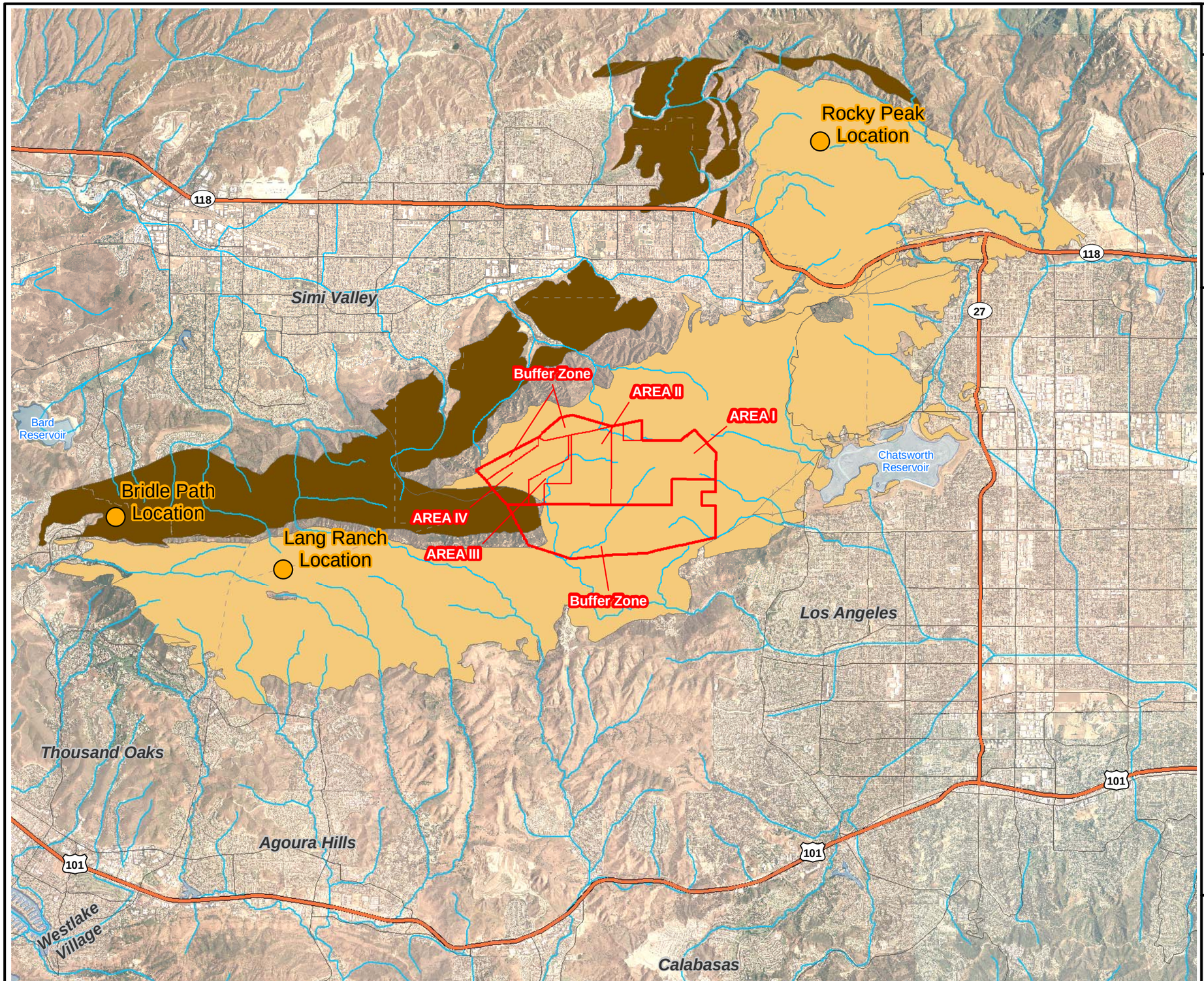
Legend

Santa Susana Field Laboratory Property Boundary

N

Filepath: Y:/Santa_Susana/E10021/20100308_SampleResults/(1)SiteMap_Updated.mxd
Project: EP10021
Edited: PBillock 20100809
Source: USGS, Calabasas Quadrangle, 1967

HGL HydroGeoLogic, Inc.



HGL—Santa Susana Field Laboratory Radiological Background Study—Ventura County, California

Figure 2
Radiological Background Reference Area Locations

U.S. EPA Region 9

Legend

- Background Locations
- Santa Susana Field Laboratory Property Boundary
- Surface Water

Geology

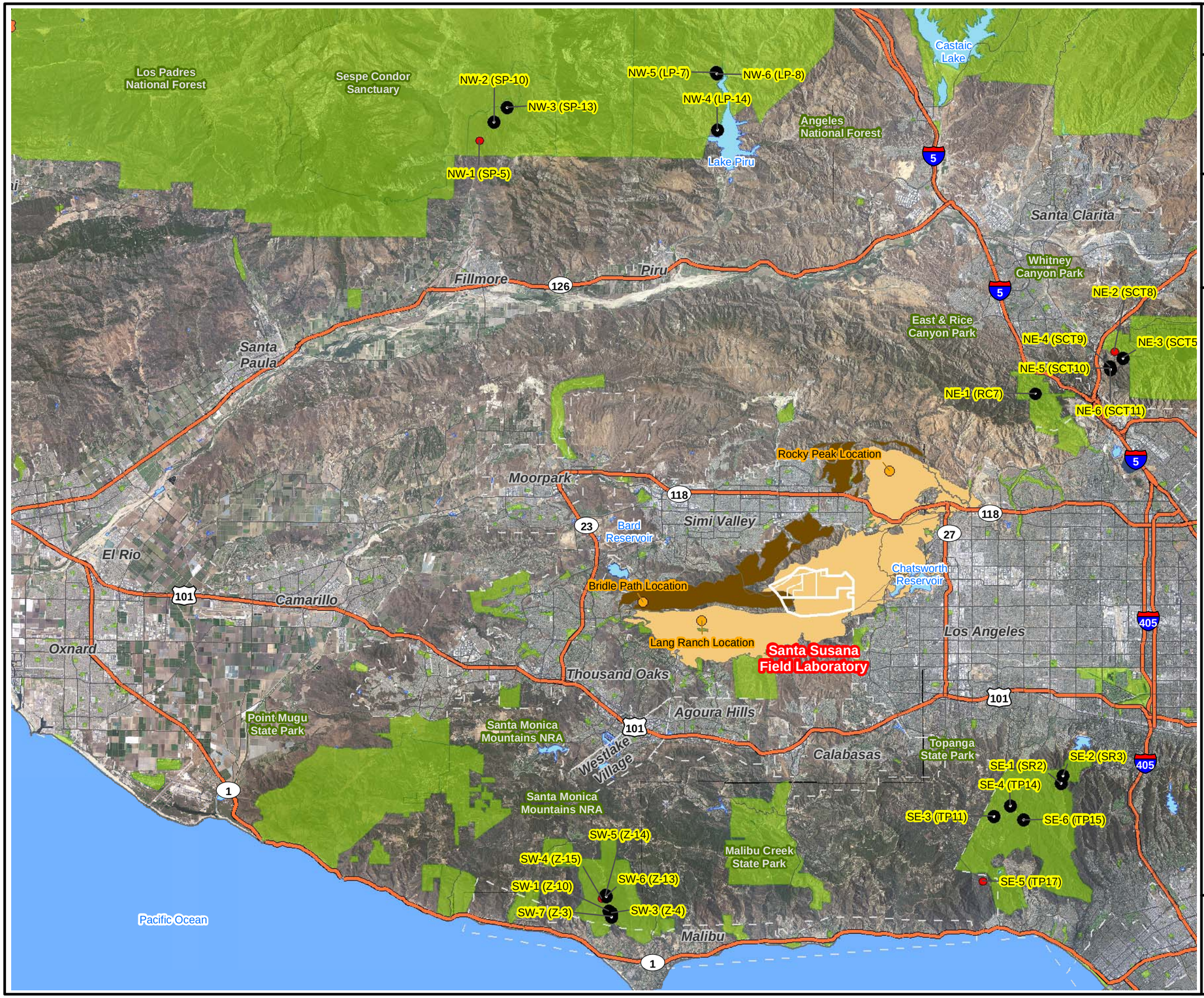
- Chatsworth Formation
- Santa Susana Formation

N

0 0.5 1 2
Scale In Miles

Filepath:Y:/Santa_Susana/E10021/20100308_SampleResults/(2)Backgrnd_Locs_Map.mxd
Project: E10021
Edited: PBillock 20100809
Source: CaSil, NAIP 2005

HGL HydroGeoLogic, Inc



HGL—Santa Susana Field Laboratory Radiological Background Study—Ventura County, California

Figure 3
Distance Test Locations

U.S. EPA Region 9

Legend

- Distance Test Locations
- Contingency Distance Test Locations
- Santa Susana Field Laboratory Property Boundary
- Parks

Geology

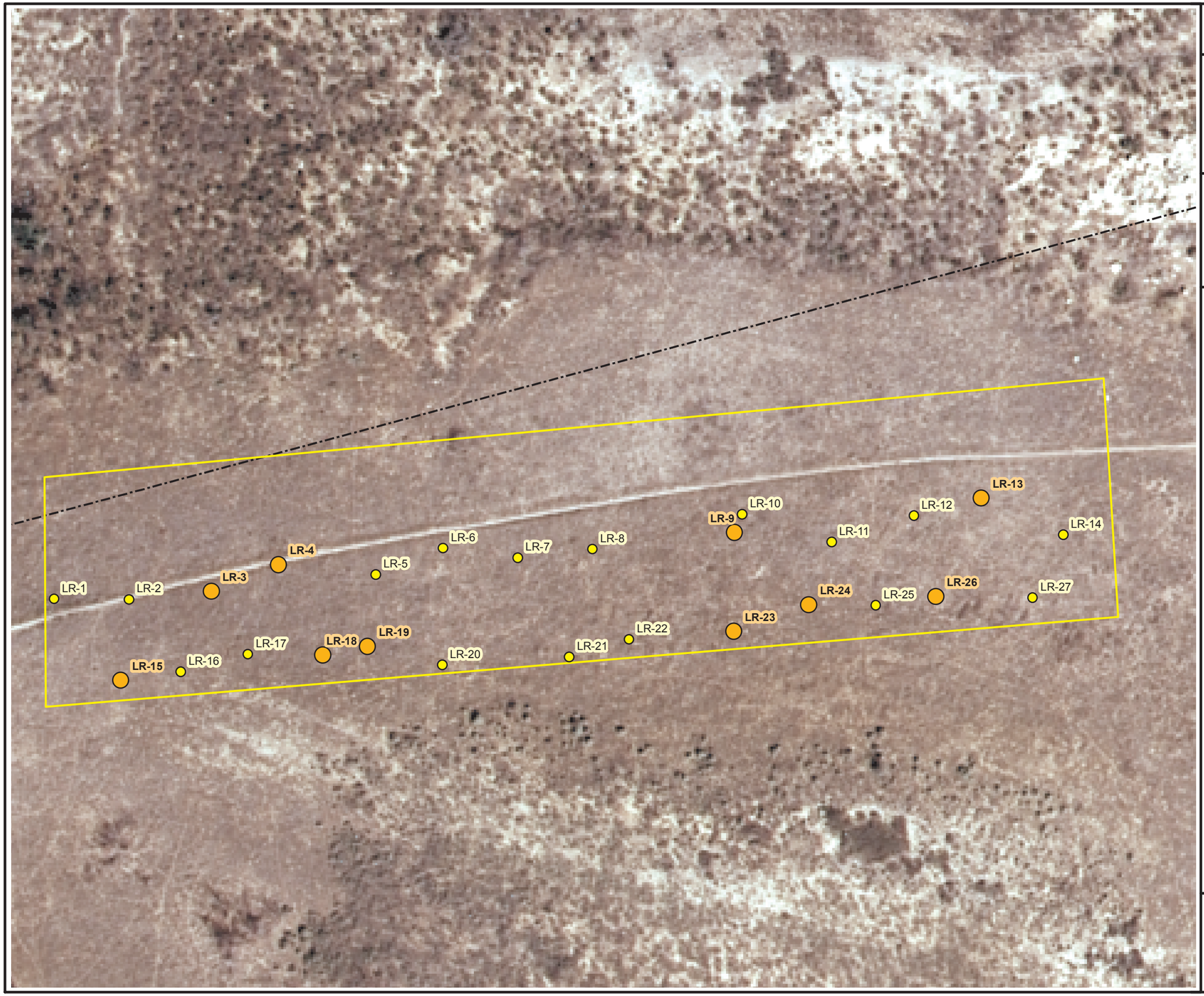
- Chatsworth Formation
- Santa Susana Formation

N

0 1 2 4
Scale In Miles

Filepath:Y/Santa_Susana/E10021/20100308_SampleResults/(3)DTLs_Overview.mxd
Project: E10021
Edited: PBillock 20100809
Source: NRCS, NAIP, 2009

HGL HydroGeoLogic, Inc



HGL—Santa Susana Field Laboratory Radiological Background Study—Ventura County, California

Figure 4
Lang Ranch
Sampling Locations

U.S. EPA Region 9

Legend

- Surface and Subsurface Soil Sample Location
- Surface Soil Sampling Location
- Lang Ranch Radiological Background Reference Area

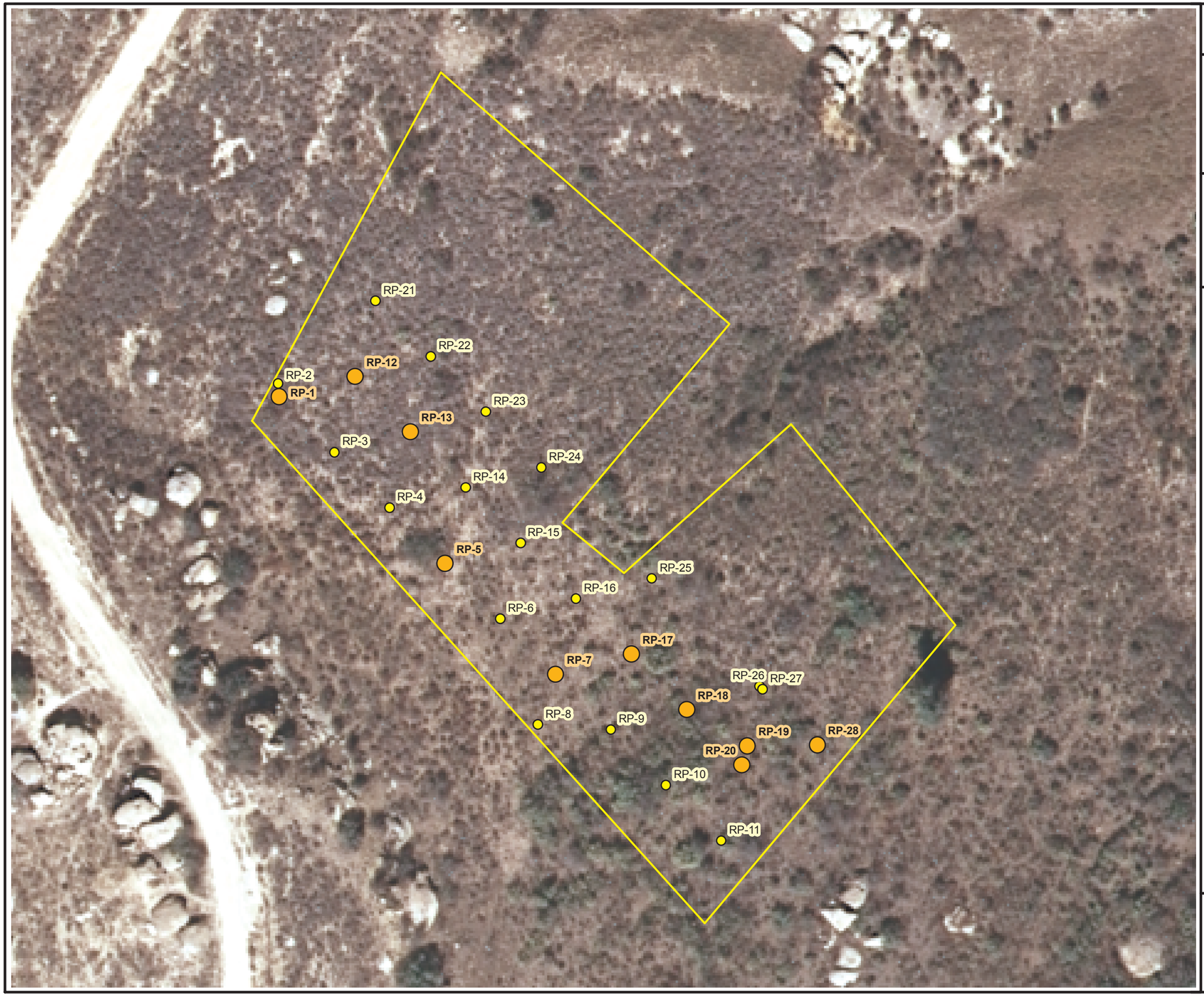
N

0 25 50 100

Scale In Feet

Y:\Santa_Susana\E10021\20101006\(4)LangRanch_Map.mxd
Project: E10021
Updated: 10/6/2010 2:23:05 PM TJ
Source: USGS, January 2006; September 2007

HGL HydroGeoLogic, Inc.



HGL—Santa Susana Field Laboratory Radiological Background Study—Ventura County, California

Figure 5
Rocky Peak
Sampling Locations

U.S. EPA Region 9

Legend

- Surface and Subsurface Soil Sample Location
- Surface Soil Sampling Location
- Rocky Peak Radiological Background Reference Area

N

0 25 50 100

Scale In Feet

Filepath: Y:/Santa_Susana/E10021/20100308_SampleResults/(6_2)RockyPeak_Map_Closeup.mxd
Project: E10021
Edited: PBillock 20100809
Source: USGS, January 2006; September 2007

HGL HydroGeoLogic, Inc

HGL—Santa Susana Field Laboratory Radiological Background Study—Ventura County, California

Figure 6
Bridle Path
Sampling Locations

U.S. EPA Region 9

Legend

- Surface and Subsurface Soil Sample Location
- Surface Soil Sample Location
- Bridal Path Radiological Background Reference Area

N

0 25 50 100

Scale In Feet

Y:\Santa_Susana\E10021\20101006\(6)BridlePath_Map.mxd
Project: E10021
Updated: 10/6/2010 2:50:19 PM TJ
Source: USGS, September 2007

HGL HydroGeoLogic, Inc

TABLES

Table 1 - Gamma Radiation Walkover Survey Results

Radiological Background Study Santa Susana Field Laboratory, Ventura County, California U.S. EPA Region 9					
Sampling Site Name	**Sampling Site Type**	**Collection Date**	**Gamma Scanning Minimum Result (cpm)**	**Gamma Scanning Maximum Result (cpm)**	**Gamma Scanning Average Result (cpm)**
RBRAs					
Lang Ranch	RBRA	8/26/2009	36,000	41,000	39000
Rocky Peak	RBRA	8/31/2009	32,000	36,000	33,000 - 35,000
Bridle Path	RBRA	11/17/2009	38,000 - 40,000	44,000 - 45,000	41,000 - 42,000
Northeast Quadrant					
NE-1 (RC-7)	DTL	8/27/2009	36,000	41,000	38,000 – 39,000
NE-2 (SCT-8)	DTL	8/27/2009	Data not recorded – no anomalies detected		
NE-3 (SCT-5)	DTL	8/27/2009	25,000	30,000	27,000 – 29,000
NE-4 (SCT-9)	DTL	8/27/2009	25,000	29,000	27,000 – 28,000
NE-5 (SCT-10)	DTL	8/27/2009	24,000	27,000	25,000 – 26,000
NE-6 (SCT-11)	DTL	8/27/2009	24,000	27,000	25,000 - 26,000
Southeast Quadrant					
SE-1 (SR-2)	DTL	8/28/2009	24,000	27,500	25,000 – 26,000
SE-2 (SR-3)	DTL	8/28/2009	28,000 – 29,000	32,000	30,000 – 31,000
SE-3 (TP-11)	DTL	8/28/2009	25,000	28,000 – 29,000	26,000 – 27,000
SE-4 (TP-14)	DTL	8/28/2009	5,500	8,500	6,500 - 7,500
SE-5 (TP-17)	DTL	8/28/2009	5,400 – 6,000	7,500 – 8,000	6,500 – 7,000
SE-6 (TP-15)	DTL	8/28/2009	29,000 – 30,000	34,000	32,000 – 33,000
TP-16	DTL	8/28/2009	Southern boundary = 10,000; Northern boundary = 33,000		
Southwest Quadrant					
SW-1 (Z-10)	DTL	9/1/2009	32,000 – 35,000	45,000 – 48,000	40,000 – 44,000
SW-3 (Z-4)	DTL	9/1/2009	30,000 – 32,000	37,000 – 39,000	34,000 – 36,000
SW-4 (Z-15)	DTL	9/1/2009	30,000 – 31,000	34,000 – 35,000	32,000 – 34,000
SW-5 (Z-14)	DTL	9/1/2009	32,000 – 33,000	38,000 – 40,000	36,000 – 37,000
SW-6 (Z-13)	DTL	9/1/2009	32,000 – 34,000	37,000 – 39,000	35,000 – 36,000
SW-7 (Z-3)	DTL	9/1/2009	27,000 – 30,000	36,000 – 38,000	32,000 – 33,000
Northwest Quadrant					
NW-1 (SP-5)	DTL	9/2/2009	46,000 – 48,000	51,000 – 52,000	48,000 – 51,000
NW-2 (SP-10)	DTL	9/2/2009	41,000 – 42,000	45,000 – 46,000	43,000 – 44,000
NW-3 (SP-13)	DTL	9/2/2009	40,000 – 41,000	44,000 – 45,000	43,000 – 44,000
NW-4 (LP-14)	DTL	9/2/2009	36,000	40,000	37,500
NW-5 (LP-7)	DTL	9/2/2009	32,000	35,000	33,000
NW-6 (LP-8)	DTL	9/2/2009	30,000	32,000	31,000

Notes:

cpm = counts per minute

RBRA = Radiologicl Background Reference Area

DTL = Distance Test Location

Table 2 - Borehole Gamma Survey Results using a Ludlum Model 2221 44-2

Boring	Gross Gamma Counts at Inches and Feet Below Ground Surface																				
	+ 6 in[1]	6 in	12 in	18 in	24 in	30 in	36 in	42 in	48 in	54 in	60 in	66 in	72 in	78 in	84 in	90 in	96 in	102 in	108 in	114 in	120 in
	+ 0.5 ft[1]	0.5 ft	1 ft	1.5 ft	2 ft	2.5 ft	3 ft	3.5 ft	4 ft	4.5 ft	5 ft	5.5 ft	6 ft	6.5 ft	7 ft	7.5 ft	8 ft	8.5 ft	9 ft	9.5 ft	10 ft
Lang Ranch RBRA																					
LR-3	3252	3715	4736	5537	5816	5801	5856	5842	5732	5854	5847	5728	5773	5759	5917	5700	5760	5872	5774	5854	5858
LR-4[2]																					
LR-9[2]																					
LR-13[2]																					
LR-15[2]																					
LR-18[2]																					
LR-19[2]																					
LR-23[2]																					
LR-24[2]																					
LR-26[2]																					
Rocky Peak RBRA																					
RP-1	3057	4285	4545	4565	4509	4749	4590	4591	4644	4623	4599	4707	4794	4747	4682	4660	4531	4606	4656	4625	4537
RP-5	3010	4056	4357	4818	4809	4894	5247	4793	4941	4775	4772	4826	4799	4801	4990	5336	5219	5264	5499	5527	
RP-7	3181	4511	4826	4873	5114	5045	5027	5061	5287	5136	5097	5275	5235	5143	5126	5149	5127	5053	5234		
RP-12	2930	3655	4314	4741	4642	4562	4748	4638	4571	4618	4662	4700	4614	4612	4420	4531	4623	4589	4642	4651	
RP-13	3074	3844	4467	4700	4711	4761	4726	4901	5017	5094	4981	5136	5082	4944	4981	5072	5177	5277	5137		
RP-17	3061	3539	4396	4721	4963	4965	5010	5169	5156	5400	5400	5323	5363	5307	5394	5300	5164	5176	5257	5425	5505
RP-18	3108	3836	4984	4891	5008	5011	5028	4933	5290	5145	5170	5218	5405	5432	5188	5487	5618	5467	6223	5408	
RP-19	2966	4048	4544	4939	5028	4924	5084	5186	5125	5136	5361	5277	5401	5290	5375	5352	5405				
RP-20	3194	4494	4808	4934	5007	5051	5161	5140	5143	5229	5113	5283	5542	5530	5605						
RP-28	3234	4441	4873	4932	5047	4868	4983	5066	5095	5091	5109	5122	5283	5261	5386	5519	5564	5592			
Bridal Path RBRA																					
BP-3	3981	4592	5682	5825	5513	4955	4692	4386	4992	4942	4919	5183	5050	5160							
BP-4	4012	5098	6058	6468	6234	5754	5256	5041	4959	4940	4962	4980	5130	5097							
BP-5	4181	4955	6419	6504	6555	5986	5424	4924	4880	4936	4917	5017	5150								
BP-9	4103	5583	6606	6851	6853	6681	6370	6193	5973	5888	6174	6251	6402								
BP-12	4001	4745	5794	6445	6588	6323	6231	6197	6289	6278	6248										
BP-13	4196	5002	6263	6467	6514	6537	6178	6014	6202	6669	6414										
BP-14	3861	4505	5477	5782	5796	5808	5403	4958	4946	4948	4749	4815	5013	5189	5339						
BP-16	3788	4654	5609	6155	6277	6439	6371	6049	5787	6149											
BP-20	3931	5284	6334	6491	6730	6134	5844	5573	5046	4779	4657	4850	5031	5160							
BP-23	4176	5584	6576	6688	6611	66469	6047	5258	5060	5117	5079	5164	5011	5139	5043	5330	5289				
BP-29	3730	4957	5527	5372	5295	5189	4923	4719	4833	4923	4894	4715	4940	5145	5316						
BP-34	4055	5411	6212	6229	5634	6406	6422	6434	6393	6581	6536										
BP-35	3975	4825	5997	6431	6540	6352	6608	6990	6934	6792	6266	5541	5762								
BP-38	3596	4852	5267	5300	5143	4919	4984	4905	4967	5183	5175	5095									
BP-43	3727	4811	5975	6245	5984	5736	5693	5596	5409	5350	5243	5319	5039	5157	5219						
BP-45	3818	4322	5325	5813	5844	5739	5427	5625	5877	6163	6123	6228									
BP-46	3910	4367	5327	5519	5309	5437	5686	5842	5624	6040	6259										
BP-48	3930	5396	6151	6213	6053	5279	5095	4940	4751	4845	4993	4960	4936								
BP-50	3897	5222	6010	6006	5981	5798	5664	5377	5080	5089											
BP-51	3619	4681	5326	5648	6232	7060	7265	7102	6748	6957	7326										

Notes:

(1) Plus sign indicates that the readings were collected 6 inches (0.5 feet) above the ground surface

(2) Borehole was too narrow for the probe to fit

in - inches

ft - feet

Table 3 - Borehole Gamma Survey Results using a Ludlum Model 2221 44-62

Boring	Gamma Counts at Inches and Feet Below Ground Surface																				
	+ 6 in (1)	6 in	12 in	18 in	24 in	30 in	36 in	42 in	48 in	54 in	60 in	66 in	72 in	78 in	84 in	90 in	96 in	102 in	108 in	114 in	120 in
	+ 0.5 ft (1)	0.5 ft	1 ft	1.5 ft	2 ft	2.5 ft	3 ft	3.5 ft	4 ft	4.5 ft	5 ft	5.5 ft	6 ft	6.5 ft	7 ft	7.5 ft	8 ft	8.5 ft	9 ft	9.5 ft	10 ft
Lang Ranch RBRA																					
LR-3	1586	1621	1920	2192	2410	2503	2438	2480	2481	2323	2451	2416	2428	2385	2471	2422	2342	2409	2363	2339	2403
LR-4	1577	1466	1580	1899	2253	2412	2481	2411	2547	2492	2429	2391	2465	2406	2388	2474	2452	2428	2487	2434	2451
LR-9	1496	1548	1592	1948	2334	2408	2450	2460	2373	2312	2405	2264	2339	2392							
LR-13	1492	1785	2015	2182	2223	2170	2198	2320	2369	2332	2320	2396	2307	2483	2416	2324	2343	2445	2370		
LR-15	1449	2116	2411	2516	2432	2591	2588	2496	2580	2649	2651	2619	2638	2874	2732	2787	2730	2946			
LR-18	1549	2024	2263	2359	2319	2369	2220	2290	2158	2265	2237	2288	2255	2359	2412	2455	2432	2421			
LR-19	1575	2301	2397	2460	2390	2444	2524	2369	2493	2527	2517	2492	2536	2448	2622	2618	2620	2661	2912		
LR-23	1531	2191	2246	2309	2257	2412	2578	2500	2642												
LR-24	1489	1974	2180	2224	2322	2312	2500	2449	2357	2578	2580	2471									
LR-26	1506	1813	2280	2465	2446	2493	2426	2416	2464	2499	2462	2442	2448	2490	2403	2408	2316	2382	2371	2687	2711
Rocky Peak RBRA																					
RP-1	1359	1936	1891	1882	1963	2002	1897	1897	2038	1881	1917	1934	1943	1990	1871	1948	1859	1813	1863	1994	1873
RP-5	1322	1642	1823	1888	1957	1975	1996	2011	2032	2012	2061	2030	1973	1996	2001	2071	2197	2141	2315	2376	
RP-7	1297	1851	1988	1990	1960	2106	1991	2132	2098	2066	2124	2201	2212	2105	2129	2065	2180	2130	2089		
RP-12	1387	1464	1749	1923	1868	2005	1935	1892	1999	1920	1900	1964	1886	1932	1990	1944	1955	1862	1886	1901	
RP-13	1310	1536	1861	1953	1971	1959	1979	2050	2036	2101	2088	2087	2033	2067	1992	2147	2109	2134	2191		
RP-17	1279	1446	1729	1908	2045	2096	2051	2069	2103	2014	2208	2254	2143	2265	2307	2160	2089	2200	2221	2281	2222
RP-18	1760	1552	1853	2027	2140	2050	2109	2038	2124	2120	2094	2211	2124	2180	2282	2278	2313	2332	2321	2315	
RP-19	1328	1559	1821	1979	2044	2079	2209	2123	2216	2091	2192	2099	2154	2203	2204	2322	2216				
RP-20	1316	1706	2014	1961	2017	2107	2190	2152	2112	2174	2292	2177	2264	2329	2219						
RP-28	1371	1847	1909	2026	2028	2103	2042	2006	2062	2144	2162	2156	2154	2225	2155	2254	2241	2307			
Bridal Path RBRA																					
BP-3	1665	1885	2309	2541	2248	2116	2040	1912	2054	2105	2081	2231	2135	2193							
BP-4	1848	2018	2483	2727	2581	2383	2253	2171	2088	2059	2118	2107	2122	2064							
BP-5	1809	1999	2492	2782	2688	2498	2307	2084	1985	2052	2100	2006	2143								
BP-9	1794	2233	2650	2736	2824	2863	2728	2655	2552	2394	2437	2523	2718								
BP-12	1806	2073	2506	2717	2635	2633	2534	2602	2720	2592	2633										
BP-13	1870	1981	2494	2679	2777	2854	2699	2472	2655	2749	2769										
BP-14	1700	1811	2254	2442	2442	2458	2242	2065	1971	1929	1910	2032	1974	2152	2199						
BP-16	1707	1772	2162	2477	2711	2616	2822	2530	2384	2541											
BP-20	1739	1987	2308	2643	2673	2681	2624	2521	2374	2104	2063	1995	1951	2149							
BP-23	1765	2341	2609	2743	2778	2666	2522	2289	2060	2038	2008	2142	2045	2152	2051	2275	2133				
BP-29	1657	2013	2216	2163	2162	2155	2124	2007	1996	2020	2060	1928	2106	2102	2311						
BP-34	1720	2195	2593	2674	2771	2770	2614	2678	2565	2628	2727										
BP-35	1720	1910	2409	2631	2679	2601	2618	2873	2846	2745	2662	2336	2420								
BP-38	1655	1928	2181	2194	2105	2076	2055	2064	2067	2124	2138	2139									
BP-43	1641	1970	2431	2606	2486	2490	2374	2293	2275	2328	2225	2149	2223	2072	2176						
BP-45	1628	1866	2185	2457	2381	2274	2417	2280	2462	2522	2500	2484									
BP-46	1695	1702	2183	2394	2124	2210	2412	2284	2380	2388	2625										
BP-48	1729	2270	2575	2584	2419	2331	2098	2031	2055	1966	2057	2143	2119								
BP-50	1702	1956	2406	2511	2456	2446	2341	2162	2115	2150											
BP-51	1629	1990	2272	2442	2613	2216	3016	3013	2782	2996	2996										

Notes:

(1) Plus sign indicates that the readings were collected 6 inches (0.5 feet) above the ground surface

in - inches

ft - feet

Table 4 - Actinium-227 Analytical Results

Sample ID	Analyte	Result (pCi/g)	Qualifier(s)	Uncertainty (+/- pCi/g)	MDC (pCi/g)	Agricultural 10^{-6} PRG (pCi/g)	Agricultural 10^{-4} PRG (pCi/g)
Lang Ranch Surface Samples (Chatsworth Formation)							
LR-1-SUR	Actinium-227	3.62E-02	U	7.22E-02	1.19E-01	8.31E-02	8.31E+00
LR-2-SUR	Actinium-227	5.09E-02	U	7.25E-02	1.19E-01	8.31E-02	8.31E+00
LR-3-SUR	Actinium-227	4.07E-02	U	7.33E-02	1.21E-01	8.31E-02	8.31E+00
LR-4-SUR	Actinium-227	8.37E-02		5.77E-02	9.34E-02	8.31E-02	8.31E+00
LR-5-SUR	Actinium-227	2.97E-02	U	7.32E-02	1.21E-01	8.31E-02	8.31E+00
LR-6-SUR	Actinium-227	-4.59E-02	U	6.54E-02	1.05E-01	8.31E-02	8.31E+00
LR-7-SUR	Actinium-227	7.83E-03	U	7.13E-02	1.18E-01	8.31E-02	8.31E+00
LR-8-SUR	Actinium-227	8.93E-02		3.54E-02	7.59E-02	8.31E-02	8.31E+00
LR-9-SUR	Actinium-227	1.74E-02	U	7.28E-02	1.20E-01	8.31E-02	8.31E+00
LR-10-SUR	Actinium-227	8.27E-03	U	7.51E-02	1.24E-01	8.31E-02	8.31E+00
LR-11-SUR	Actinium-227	8.17E-02		3.09E-02	1.24E-01	8.31E-02	8.31E+00
LR-12-SUR	Actinium-227	5.70E-02	U	5.91E-02	9.67E-02	8.31E-02	8.31E+00
LR-13-SUR	Actinium-227	1.71E-02	U	6.91E-02	1.14E-01	8.31E-02	8.31E+00
LR-14-SUR	Actinium-227	2.39E-02	U	6.78E-02	1.12E-01	8.31E-02	8.31E+00
LR-15-SUR	Actinium-227	-4.20E-04	U	7.07E-02	1.17E-01	8.31E-02	8.31E+00
LR-16-SUR	Actinium-227	-8.01E-02	UL	6.55E-02	1.07E-01	8.31E-02	8.31E+00
LR-17-SUR	Actinium-227	2.53E-02	U	6.49E-02	1.07E-01	8.31E-02	8.31E+00
LR-18-SUR	Actinium-227	1.12E-02	U	7.25E-02	1.20E-01	8.31E-02	8.31E+00
LR-19-SUR	Actinium-227	3.20E-02	U	7.60E-02	1.26E-01	8.31E-02	8.31E+00
LR-20-SUR	Actinium-227	4.19E-03	U	7.65E-02	1.27E-01	8.31E-02	8.31E+00
LR-21-SUR	Actinium-227	3.83E-02	U	7.43E-02	1.23E-01	8.31E-02	8.31E+00
LR-22-SUR	Actinium-227	5.73E-02	U	6.69E-02	1.10E-01	8.31E-02	8.31E+00
LR-23-SUR	Actinium-227	-6.64E-03	U	7.28E-02	1.21E-01	8.31E-02	8.31E+00
LR-24-SUR	Actinium-227	7.73E-02		4.00E-02	9.25E-02	8.31E-02	8.31E+00
LR-25-SUR	Actinium-227	3.46E-03	U	7.22E-02	1.20E-01	8.31E-02	8.31E+00
LR-26-SUR	Actinium-227	1.40E-02	U	1.95E-02	1.08E-01	8.31E-02	8.31E+00
LR-27-SUR	Actinium-227	6.04E-02	U	7.17E-02	1.18E-01	8.31E-02	8.31E+00
Lang Ranch Subsurface Samples (Chatsworth Formation)							
LR-3-SUB	Actinium-227	1.59E-03	U	6.95E-02	1.15E-01	8.31E-02	8.31E+00
LR-4-SUB	Actinium-227	4.32E-02	U	6.85E-02	1.13E-01	8.31E-02	8.31E+00
LR-9-SUB	Actinium-227	2.99E-02	U	7.12E-02	1.18E-01	8.31E-02	8.31E+00
LR-13-SUB	Actinium-227	8.81E-02		3.05E-02	1.18E-01	8.31E-02	8.31E+00
LR-15-SUB	Actinium-227	1.35E-02	U	8.31E-02	1.38E-01	8.31E-02	8.31E+00
LR-18-SUB	Actinium-227	8.30E-02		3.38E-02	1.28E-01	8.31E-02	8.31E+00
LR-19-SUB	Actinium-227	-2.71E-03	U	9.40E-01	1.30E-01	8.31E-02	8.31E+00
LR-23-SUB	Actinium-227	2.88E-02	U	7.57E-02	1.25E-01	8.31E-02	8.31E+00
LR-24-SUB	Actinium-227	9.56E-02		3.83E-02	9.34E-02	8.31E-02	8.31E+00
LR-26-SUB	Actinium-227	-6.50E-02	U	7.53E-02	1.10E-01	8.31E-02	8.31E+00
Rocky Peak Surface Samples (Chatsworth Formation)							
RP-1-SUR	Actinium-227	7.66E-03	U	5.97E-02	9.89E-02	8.31E-02	8.31E+00
RP-2-SUR	Actinium-227	5.35E-03	U	6.10E-02	1.01E-01	8.31E-02	8.31E+00
RP-3-SUR	Actinium-227	3.89E-02	U	5.90E-02	9.70E-02	8.31E-02	8.31E+00
RP-4-SUR	Actinium-227	6.42E-02		2.82E-02	9.92E-02	8.31E-02	8.31E+00
RP-5-SUR	Actinium-227	-1.14E-03	U	1.05E-01	1.01E-01	8.31E-02	8.31E+00
RP-6-SUR	Actinium-227	2.12E-02	U	4.47E-02	7.39E-02	8.31E-02	8.31E+00
RP-7-SUR	Actinium-227	6.72E-02		2.62E-02	1.02E-01	8.31E-02	8.31E+00
RP-8-SUR	Actinium-227	-2.48E-02	U	6.62E-02	9.19E-02	8.31E-02	8.31E+00
RP-9-SUR	Actinium-227	2.15E-03	U	5.02E-02	8.32E-02	8.31E-02	8.31E+00
RP-10-SUR	Actinium-227	7.74E-04	U	6.13E-02	1.02E-01	8.31E-02	8.31E+00
RP-11-SUR	Actinium-227	-2.08E-03	U	8.33E-02	1.04E-01	8.31E-02	8.31E+00
RP-12-SUR	Actinium-227	6.78E-02		2.64E-02	9.64E-02	8.31E-02	8.31E+00
RP-13-SUR	Actinium-227	8.81E-03	U	5.12E-02	8.48E-02	8.31E-02	8.31E+00
RP-14-SUR	Actinium-227	-3.43E-02	U	6.95E-02	9.05E-02	8.31E-02	8.31E+00
RP-15-SUR	Actinium-227	7.27E-02		2.55E-02	9.88E-02	8.31E-02	8.31E+00
RP-16-SUR	Actinium-227	-2.76E-03	U	3.25E-01	9.71E-02	8.31E-02	8.31E+00
RP-17-SUR	Actinium-227	-6.87E-03	U	1.73E-01	7.40E-02	8.31E-02	8.31E+00
RP-18-SUR	Actinium-227	-4.06E-03	U	2.70E+00	1.02E-01	8.31E-02	8.31E+00
RP-19-SUR	Actinium-227	8.26E-05	U	6.22E-02	1.03E-01	8.31E-02	8.31E+00
RP-20-SUR	Actinium-227	2.63E-03	U	6.24E-02	1.03E-01	8.31E-02	8.31E+00
RP-21-SUR	Actinium-227	-5.86E-03	U	1.03E-01	9.80E-02	8.31E-02	8.31E+00

Table 4 - Actinium-227 Analytical Results

Sample ID	Analyte	Result (pCi/g)	Qualifier(s)	Uncertainty (+/- pCi/g)	MDC (pCi/g)	Agricultural 10^{-6} PRG (pCi/g)	Agricultural 10^{-4} PRG (pCi/g)
RP-22-SUR	Actinium-227	-1.66E-02	U	6.96E-02	9.49E-02	8.31E-02	8.31E+00
RP-23-SUR	Actinium-227	7.32E-02		3.00E-02	1.08E-01	8.31E-02	8.31E+00
RP-24-SUR	Actinium-227	3.69E-02	U	6.00E-02	9.88E-02	8.31E-02	8.31E+00
RP-25-SUR	Actinium-227	2.84E-02	U	6.30E-02	1.04E-01	8.31E-02	8.31E+00
RP-26-SUR	Actinium-227	4.70E-03	U	6.12E-02	1.01E-01	8.31E-02	8.31E+00
RP-27-SUR	Actinium-227	3.75E-03	U	6.40E-02	1.06E-01	8.31E-02	8.31E+00
RP-28-SUR	Actinium-227	2.65E-02	U	6.46E-02	1.07E-01	8.31E-02	8.31E+00
Rocky Peak Subsurface Samples (Chatsworth Formation)							
RP-1-SUB	Actinium-227	1.73E-02	U	4.93E-02	8.15E-02	8.31E-02	8.31E+00
RP-5-SUB	Actinium-227	3.17E-02	U	6.39E-02	1.06E-01	8.31E-02	8.31E+00
RP-7-SUB	Actinium-227	2.68E-02	U	6.32E-02	1.04E-01	8.31E-02	8.31E+00
RP-12-SUB	Actinium-227	6.55E-02		2.96E-02	7.30E-02	8.31E-02	8.31E+00
RP-13-SUB	Actinium-227	3.69E-02	U	6.23E-02	1.03E-01	8.31E-02	8.31E+00
RP-17-SUB	Actinium-227	4.26E-02		4.12E-02	6.73E-02	8.31E-02	8.31E+00
RP-18-SUB	Actinium-227	8.23E-02		2.89E-02	1.07E-01	8.31E-02	8.31E+00
RP-19-SUB	Actinium-227	1.73E-02	U	6.28E-02	1.04E-01	8.31E-02	8.31E+00
RP-20-SUB	Actinium-227	9.24E-02		3.03E-02	1.02E-01	8.31E-02	8.31E+00
RP-28-SUB	Actinium-227	2.59E-02	U	5.44E-02	8.98E-02	8.31E-02	8.31E+00
Bridle Path Surface Samples (Santa Susana Formation)							
BP-1-SUR	Actinium-227	1.22E-03	U	7.49E-02	1.24E-01	8.31E-02	8.31E+00
BP-2-SUR	Actinium-227	1.23E-01		4.45E-02	9.02E-02	8.31E-02	8.31E+00
BP-3-SUR	Actinium-227	9.54E-02		6.78E-02	1.10E-01	8.31E-02	8.31E+00
BP-4-SUR	Actinium-227	-1.25E-03	U	2.42E-01	1.16E-01	8.31E-02	8.31E+00
BP-5-SUR	Actinium-227	1.26E-03	U	7.69E-02	1.27E-01	8.31E-02	8.31E+00
BP-6-SUR	Actinium-227	2.88E-02	U	8.07E-02	1.33E-01	8.31E-02	8.31E+00
BP-7-SUR	Actinium-227	6.25E-02	U	8.33E-02	1.37E-01	8.31E-02	8.31E+00
BP-8-SUR	Actinium-227	3.71E-03	U	7.61E-02	1.26E-01	8.31E-02	8.31E+00
BP-9-SUR	Actinium-227	4.31E-02	U	8.09E-02	1.33E-01	8.31E-02	8.31E+00
BP-10-SUR	Actinium-227	2.42E-03	U	8.06E-02	1.33E-01	8.31E-02	8.31E+00
BP-11-SUR	Actinium-227	5.59E-03	U	7.93E-02	1.31E-01	8.31E-02	8.31E+00
BP-12-SUR	Actinium-227	6.35E-02		5.91E-02	9.65E-02	8.31E-02	8.31E+00
BP-13-SUR	Actinium-227	-2.02E-02	U	2.17E-01	1.32E-01	8.31E-02	8.31E+00
BP-14-SUR	Actinium-227	-9.73E-03	U	7.47E-02	1.24E-01	8.31E-02	8.31E+00
BP-15-SUR	Actinium-227	1.21E-02	U	7.77E-02	1.29E-01	8.31E-02	8.31E+00
BP-16-SUR	Actinium-227	1.30E-02	U	7.76E-02	1.28E-01	8.31E-02	8.31E+00
BP-17-SUR	Actinium-227	5.05E-02	U	7.72E-02	1.27E-01	8.31E-02	8.31E+00
BP-18-SUR	Actinium-227	-1.89E-03	U	7.77E-02	1.29E-01	8.31E-02	8.31E+00
BP-19-SUR	Actinium-227	-4.41E-04	U	6.00E-02	9.96E-02	8.31E-02	8.31E+00
BP-20-SUR	Actinium-227	2.27E-03	U	7.58E-02	1.26E-01	8.31E-02	8.31E+00
BP-21-SUR	Actinium-227	9.13E-02		5.53E-02	8.91E-02	8.31E-02	8.31E+00
BP-22-SUR	Actinium-227	1.24E-01		4.42E-02	1.08E-01	8.31E-02	8.31E+00
BP-23-SUR	Actinium-227	1.10E-01		6.92E-02	9.17E-02	8.31E-02	8.31E+00
BP-24-SUR	Actinium-227	1.32E-02	U	8.36E-02	1.38E-01	8.31E-02	8.31E+00
BP-25-SUR	Actinium-227	3.78E-02	U	8.18E-02	1.35E-01	8.31E-02	8.31E+00
BP-26-SUR	Actinium-227	9.73E-02		3.74E-02	1.02E-01	8.31E-02	8.31E+00
BP-27-SUR	Actinium-227	1.27E-02	U	7.76E-02	1.28E-01	8.31E-02	8.31E+00
BP-28-SUR	Actinium-227	1.43E-02	U	7.85E-02	1.30E-01	8.31E-02	8.31E+00
BP-29-SUR	Actinium-227	4.09E-02	U	7.70E-02	1.27E-01	8.31E-02	8.31E+00
BP-30-SUR	Actinium-227	8.03E-03	U	7.96E-02	1.32E-01	8.31E-02	8.31E+00
BP-31-SUR	Actinium-227	2.16E-03	U	7.28E-02	1.21E-01	8.31E-02	8.31E+00
BP-32-SUR	Actinium-227	4.96E-02	U	8.06E-02	1.33E-01	8.31E-02	8.31E+00
BP-33-SUR	Actinium-227	1.76E-03	U	8.18E-02	1.35E-01	8.31E-02	8.31E+00
BP-34-SUR	Actinium-227	9.32E-02		4.30E-02	1.07E-01	8.31E-02	8.31E+00
BP-35-SUR	Actinium-227	1.19E-01		4.17E-02	9.49E-02	8.31E-02	8.31E+00
BP-36-SUR	Actinium-227	3.52E-02	U	7.74E-02	1.28E-01	8.31E-02	8.31E+00
BP-37-SUR	Actinium-227	3.95E-02	U	7.62E-02	1.26E-01	8.31E-02	8.31E+00
BP-38-SUR	Actinium-227	9.48E-02		3.60E-02	1.23E-01	8.31E-02	8.31E+00
BP-39-SUR	Actinium-227	-2.74E-04	U	6.28E-02	1.04E-01	8.31E-02	8.31E+00
BP-40-SUR	Actinium-227	3.22E-02	U	7.55E-02	1.25E-01	8.31E-02	8.31E+00
BP-41-SUR	Actinium-227	1.02E-01		4.14E-02	9.99E-02	8.31E-02	8.31E+00
BP-42-SUR	Actinium-227	-4.10E-03	U	5.14E-01	1.24E-01	8.31E-02	8.31E+00

Table 4 - Actinium-227 Analytical Results

Sample ID	Analyte	Result (pCi/g)	Qualifier(s)	Uncertainty (+/- pCi/g)	MDC (pCi/g)	Agricultural 10^{-6} PRG (pCi/g)	Agricultural 10^{-4} PRG (pCi/g)
BP-43-SUR	Actinium-227	-1.31E-03	U	3.76E-01	1.26E-01	8.31E-02	8.31E+00
BP-44-SUR	Actinium-227	1.05E-01		3.44E-02	1.26E-01	8.31E-02	8.31E+00
BP-45-SUR	Actinium-227	7.91E-02		3.72E-02	8.84E-02	8.31E-02	8.31E+00
BP-46-SUR	Actinium-227	1.02E-03	U	7.49E-02	1.24E-01	8.31E-02	8.31E+00
BP-47-SUR	Actinium-227	1.00E-01		5.46E-02	8.80E-02	8.31E-02	8.31E+00
BP-48-SUR	Actinium-227	1.21E-01		3.83E-02	1.34E-01	8.31E-02	8.31E+00
BP-49-SUR	Actinium-227	7.13E-02		2.87E-02	1.09E-01	8.31E-02	8.31E+00
BP-50-SUR	Actinium-227	1.78E-02	U	7.72E-02	1.28E-01	8.31E-02	8.31E+00
BP-51-SUR	Actinium-227	3.57E-02	U	6.37E-02	1.05E-01	8.31E-02	8.31E+00
BP-52-SUR	Actinium-227	3.16E-02	U	6.20E-02	1.02E-01	8.31E-02	8.31E+00
BP-53-SUR	Actinium-227	3.53E-02	U	7.55E-02	1.25E-01	8.31E-02	8.31E+00
BP-54-SUR	Actinium-227	5.23E-02		5.06E-02	8.29E-02	8.31E-02	8.31E+00
Bridle Path Subsurface Samples (Santa Susana Formation)							
BP-3-SUB	Actinium-227	8.41E-02		3.08E-02	1.01E-01	8.31E-02	8.31E+00
BP-4-SUB	Actinium-227	4.14E-02	U	7.17E-02	1.18E-01	8.31E-02	8.31E+00
BP-5-SUB	Actinium-227	9.06E-04	U	6.16E-02	1.02E-01	8.31E-02	8.31E+00
BP-9-SUB	Actinium-227	5.31E-02	U	5.46E-02	8.94E-02	8.31E-02	8.31E+00
BP-12-SUB	Actinium-227	1.22E-02	U	7.30E-02	1.21E-01	8.31E-02	8.31E+00
BP-13-SUB	Actinium-227	8.01E-02		3.74E-02	9.16E-02	8.31E-02	8.31E+00
BP-14-SUB	Actinium-227	3.39E-02	U	7.30E-02	1.21E-01	8.31E-02	8.31E+00
BP-16-SUB	Actinium-227	7.80E-02		3.06E-02	7.86E-02	8.31E-02	8.31E+00
BP-20-SUB	Actinium-227	-3.38E-02	U	6.73E-02	1.09E-01	8.31E-02	8.31E+00
BP-23-SUB	Actinium-227	9.53E-02		3.41E-02	7.78E-02	8.31E-02	8.31E+00
BP-29-SUB	Actinium-227	6.78E-02	U	8.43E-01	1.55E+00	8.31E-02	8.31E+00
BP-34-SUB	Actinium-227	4.38E-02	U	7.94E-02	1.31E-01	8.31E-02	8.31E+00
BP-35-SUB	Actinium-227	-2.23E-02	U	6.46E-02	1.07E-01	8.31E-02	8.31E+00
BP-38-SUB	Actinium-227	8.08E-02		6.88E-02	1.12E-01	8.31E-02	8.31E+00
BP-43-SUB	Actinium-227	-3.43E-04	U	1.70E-01	1.23E-01	8.31E-02	8.31E+00
BP-45-SUB	Actinium-227	-4.72E-03	U	9.48E-01	1.15E-01	8.31E-02	8.31E+00
BP-46-SUB	Actinium-227	8.00E-02		3.41E-02	1.40E-01	8.31E-02	8.31E+00
BP-48-SUB	Actinium-227	1.02E-01		3.35E-02	1.22E-01	8.31E-02	8.31E+00
BP-50-SUB	Actinium-227	-2.66E-03	U	1.41E-01	1.21E-01	8.31E-02	8.31E+00
BP-51-SUB	Actinium-227	4.02E-02	U	7.94E-02	1.31E-01	8.31E-02	8.31E+00

Notes:

pCi/g - Picocuries per gram of dry soil. Analyses for H-3, C-14, Tc-99, and I-129 are reported in units of pCi per gram of "as-received" soil.

MDC - Minimum Detectable Concentration

PRG - Preliminary Remediation Goal

Uncertainty - Reported at the 1.96σ Confidence Interval. Gamma Spec. Reported at the 2σ Confidence Interval.

Data Qualifiers:

B - Analyte present, but not detected substantially above the level reported in laboratory or field blanks.

J - The analyte was detected at the reported concentration: the quantitation is an estimate.

K - Analyte present. Reported value may be biased high. Actual value is expected to be lower.

L - Analyte present. Reported value may be biased low. Actual value is expected to be higher.

R - The result is rejected due to serious deficiences in the ability to analyze the sample and meet the Quality Control criteria.

U - Not considered detected. The associated number is the reported concentration.

UJ - Not considered detected. The associated number is the reported concentration which may be inaccurate.

UL - Not considered detected. The associated number is the reported concentration which may be inaccurate due to a low bias.

X - Excluded. The data point is associated with reanalyses or diluted analyses and is excluded because another result has been selecetd as the definitive result for the analyte

These results are qualified based on the usability of the data for its intended purpose, which is to develop a statistical profile against which to compare individual on-site sample results, to determine the extent of potential site contamination that may be attributable to site activities.

Table 5 - Actinium-228 Analytical Results

Sample ID	Analyte	Result (pCi/g)	Qualifier(s)	Uncertainty (+/- pCi/g)	MDC (pCi/g)	Agricultural 10^{-6} PRG (pCi/g)	Agricultural 10^{-4} PRG (pCi/g)
Lang Ranch Surface Samples (Chatsworth Formation)							
LR-1-SUR	Actinium-228	1.33E+00		1.49E-01	3.88E-02	7.31E+02	7.31E+04
LR-2-SUR	Actinium-228	1.33E+00		1.46E-01	3.88E-02	7.31E+02	7.31E+04
LR-3-SUR	Actinium-228	1.40E+00		1.55E-01	3.87E-02	7.31E+02	7.31E+04
LR-4-SUR	Actinium-228	1.35E+00		1.51E-01	3.92E-02	7.31E+02	7.31E+04
LR-5-SUR	Actinium-228	1.37E+00		1.52E-01	3.91E-02	7.31E+02	7.31E+04
LR-6-SUR	Actinium-228	1.36E+00		1.50E-01	4.02E-02	7.31E+02	7.31E+04
LR-7-SUR	Actinium-228	1.30E+00		1.44E-01	3.76E-02	7.31E+02	7.31E+04
LR-8-SUR	Actinium-228	1.32E+00		1.47E-01	3.69E-02	7.31E+02	7.31E+04
LR-9-SUR	Actinium-228	1.37E+00		1.52E-01	3.93E-02	7.31E+02	7.31E+04
LR-10-SUR	Actinium-228	1.38E+00		1.54E-01	4.54E-02	7.31E+02	7.31E+04
LR-11-SUR	Actinium-228	1.36E+00		1.51E-01	4.48E-02	7.31E+02	7.31E+04
LR-12-SUR	Actinium-228	1.30E+00		1.44E-01	4.03E-02	7.31E+02	7.31E+04
LR-13-SUR	Actinium-228	1.27E+00		1.41E-01	3.79E-02	7.31E+02	7.31E+04
LR-14-SUR	Actinium-228	1.18E+00		1.32E-01	3.88E-02	7.31E+02	7.31E+04
LR-15-SUR	Actinium-228	1.52E+00		1.69E-01	4.26E-02	7.31E+02	7.31E+04
LR-16-SUR	Actinium-228	1.47E+00		1.61E-01	3.72E-02	7.31E+02	7.31E+04
LR-17-SUR	Actinium-228	1.36E+00		1.50E-01	3.29E-02	7.31E+02	7.31E+04
LR-18-SUR	Actinium-228	1.47E+00		1.64E-01	3.83E-02	7.31E+02	7.31E+04
LR-19-SUR	Actinium-228	1.50E+00		1.66E-01	4.08E-02	7.31E+02	7.31E+04
LR-20-SUR	Actinium-228	1.52E+00		1.69E-01	3.98E-02	7.31E+02	7.31E+04
LR-21-SUR	Actinium-228	1.47E+00		1.64E-01	3.98E-02	7.31E+02	7.31E+04
LR-22-SUR	Actinium-228	1.47E+00		1.63E-01	3.95E-02	7.31E+02	7.31E+04
LR-23-SUR	Actinium-228	1.47E+00		1.63E-01	3.69E-02	7.31E+02	7.31E+04
LR-24-SUR	Actinium-228	1.40E+00		1.56E-01	3.70E-02	7.31E+02	7.31E+04
LR-25-SUR	Actinium-228	1.41E+00		1.55E-01	3.97E-02	7.31E+02	7.31E+04
LR-26-SUR	Actinium-228	1.36E+00		1.52E-01	4.03E-02	7.31E+02	7.31E+04
LR-27-SUR	Actinium-228	1.27E+00		1.42E-01	3.74E-02	7.31E+02	7.31E+04
Lang Ranch Subsurface Samples (Chatsworth Formation)							
LR-3-SUB	Actinium-228	1.53E+00		1.69E-01	3.92E-02	7.31E+02	7.31E+04
LR-4-SUB	Actinium-228	1.51E+00		1.67E-01	3.58E-02	7.31E+02	7.31E+04
LR-9-SUB	Actinium-228	1.62E+00		1.79E-01	3.62E-02	7.31E+02	7.31E+04
LR-13-SUB	Actinium-228	1.47E+00		1.62E-01	3.84E-02	7.31E+02	7.31E+04
LR-15-SUB	Actinium-228	1.80E+00		1.99E-01	5.04E-02	7.31E+02	7.31E+04
LR-18-SUB	Actinium-228	1.50E+00		1.67E-01	4.50E-02	7.31E+02	7.31E+04
LR-19-SUB	Actinium-228	1.62E+00		1.79E-01	4.59E-02	7.31E+02	7.31E+04
LR-23-SUB	Actinium-228	1.79E+00		1.97E-01	4.75E-02	7.31E+02	7.31E+04
LR-24-SUB	Actinium-228	1.45E+00		1.60E-01	4.21E-02	7.31E+02	7.31E+04
LR-26-SUB	Actinium-228	1.65E+00		1.83E-01	4.26E-02	7.31E+02	7.31E+04
Rocky Peak Surface Samples (Chatsworth Formation)							
RP-1-SUR	Actinium-228	1.05E+00		1.16E-01	3.15E-02	7.31E+02	7.31E+04
RP-2-SUR	Actinium-228	1.04E+00		1.15E-01	3.38E-02	7.31E+02	7.31E+04
RP-3-SUR	Actinium-228	1.07E+00		1.20E-01	3.49E-02	7.31E+02	7.31E+04
RP-4-SUR	Actinium-228	9.66E-01		1.08E-01	3.31E-02	7.31E+02	7.31E+04
RP-5-SUR	Actinium-228	9.97E-01		1.12E-01	3.30E-02	7.31E+02	7.31E+04
RP-6-SUR	Actinium-228	1.01E+00		1.12E-01	3.35E-02	7.31E+02	7.31E+04
RP-7-SUR	Actinium-228	1.06E+00		1.18E-01	3.74E-02	7.31E+02	7.31E+04
RP-8-SUR	Actinium-228	1.10E+00		1.23E-01	3.86E-02	7.31E+02	7.31E+04
RP-9-SUR	Actinium-228	1.01E+00		1.04E-01	3.06E-02	7.31E+02	7.31E+04
RP-10-SUR	Actinium-228	9.08E-01		1.12E-01	4.51E-02	7.31E+02	7.31E+04
RP-11-SUR	Actinium-228	1.13E+00		1.26E-01	3.79E-02	7.31E+02	7.31E+04
RP-12-SUR	Actinium-228	1.01E+00		1.13E-01	3.20E-02	7.31E+02	7.31E+04
RP-13-SUR	Actinium-228	9.69E-01		1.08E-01	3.12E-02	7.31E+02	7.31E+04
RP-14-SUR	Actinium-228	1.01E+00		1.12E-01	3.18E-02	7.31E+02	7.31E+04
RP-15-SUR	Actinium-228	9.92E-01		1.11E-01	3.35E-02	7.31E+02	7.31E+04
RP-16-SUR	Actinium-228	9.70E-01		1.07E-01	3.22E-02	7.31E+02	7.31E+04
RP-17-SUR	Actinium-228	1.01E+00		1.13E-01	3.30E-02	7.31E+02	7.31E+04
RP-18-SUR	Actinium-228	1.06E+00		1.17E-01	3.28E-02	7.31E+02	7.31E+04
RP-19-SUR	Actinium-228	1.08E+00		1.19E-01	3.51E-02	7.31E+02	7.31E+04
RP-20-SUR	Actinium-228	1.21E+00		1.33E-01	3.85E-02	7.31E+02	7.31E+04
RP-21-SUR	Actinium-228	1.01E+00		1.12E-01	3.22E-02	7.31E+02	7.31E+04

Table 5 - Actinium-228 Analytical Results

Sample ID	Analyte	Result (pCi/g)	Qualifier(s)	Uncertainty (+/- pCi/g)	MDC (pCi/g)	Agricultural 10^{-6} PRG (pCi/g)	Agricultural 10^{-4} PRG (pCi/g)
RP-22-SUR	Actinium-228	1.00E+00		1.12E-01	3.33E-02	7.31E+02	7.31E+04
RP-23-SUR	Actinium-228	1.10E+00		1.24E-01	4.15E-02	7.31E+02	7.31E+04
RP-24-SUR	Actinium-228	1.01E+00		1.13E-01	3.22E-02	7.31E+02	7.31E+04
RP-25-SUR	Actinium-228	1.05E+00		1.17E-01	3.47E-02	7.31E+02	7.31E+04
RP-26-SUR	Actinium-228	1.08E+00		1.20E-01	3.49E-02	7.31E+02	7.31E+04
RP-27-SUR	Actinium-228	1.12E+00		1.24E-01	3.47E-02	7.31E+02	7.31E+04
RP-28-SUR	Actinium-228	1.16E+00		1.30E-01	3.53E-02	7.31E+02	7.31E+04
Rocky Peak Subsurface Samples (Chatsworth Formation)							
RP-1-SUB	Actinium-228	9.97E-01		1.12E-01	3.28E-02	7.31E+02	7.31E+04
RP-5-SUB	Actinium-228	1.13E+00		1.26E-01	3.58E-02	7.31E+02	7.31E+04
RP-7-SUB	Actinium-228	1.15E+00		1.28E-01	3.46E-02	7.31E+02	7.31E+04
RP-12-SUB	Actinium-228	9.72E-01		1.09E-01	3.08E-02	7.31E+02	7.31E+04
RP-13-SUB	Actinium-228	1.15E+00		1.28E-01	3.48E-02	7.31E+02	7.31E+04
RP-17-SUB	Actinium-228	1.21E+00		1.33E-01	3.46E-02	7.31E+02	7.31E+04
RP-18-SUB	Actinium-228	1.25E+00		1.39E-01	3.55E-02	7.31E+02	7.31E+04
RP-19-SUB	Actinium-228	1.22E+00		1.35E-01	3.36E-02	7.31E+02	7.31E+04
RP-20-SUB	Actinium-228	1.20E+00		1.33E-01	3.36E-02	7.31E+02	7.31E+04
RP-28-SUB	Actinium-228	1.16E+00		1.29E-01	3.39E-02	7.31E+02	7.31E+04
Bridle Path Surface Samples (Santa Susana Formation)							
BP-1-SUR	Actinium-228	1.78E+00		1.96E-01	4.00E-02	7.31E+02	7.31E+04
BP-2-SUR	Actinium-228	1.83E+00		2.02E-01	4.01E-02	7.31E+02	7.31E+04
BP-3-SUR	Actinium-228	1.89E+00		2.08E-01	4.04E-02	7.31E+02	7.31E+04
BP-4-SUR	Actinium-228	2.03E+00		2.24E-01	4.16E-02	7.31E+02	7.31E+04
BP-5-SUR	Actinium-228	2.10E+00		2.31E-01	4.18E-02	7.31E+02	7.31E+04
BP-6-SUR	Actinium-228	2.12E+00		2.33E-01	4.18E-02	7.31E+02	7.31E+04
BP-7-SUR	Actinium-228	2.10E+00		2.30E-01	4.40E-02	7.31E+02	7.31E+04
BP-8-SUR	Actinium-228	2.04E+00		2.25E-01	4.19E-02	7.31E+02	7.31E+04
BP-9-SUR	Actinium-228	2.00E+00		2.20E-01	4.21E-02	7.31E+02	7.31E+04
BP-10-SUR	Actinium-228	2.09E+00		2.30E-01	4.23E-02	7.31E+02	7.31E+04
BP-11-SUR	Actinium-228	1.98E+00		2.17E-01	4.17E-02	7.31E+02	7.31E+04
BP-12-SUR	Actinium-228	1.92E+00		2.12E-01	4.18E-02	7.31E+02	7.31E+04
BP-13-SUR	Actinium-228	1.99E+00		2.05E-01	4.61E-02	7.31E+02	7.31E+04
BP-14-SUR	Actinium-228	1.68E+00		1.85E-01	3.73E-02	7.31E+02	7.31E+04
BP-15-SUR	Actinium-228	1.83E+00		2.01E-01	4.07E-02	7.31E+02	7.31E+04
BP-16-SUR	Actinium-228	1.78E+00		1.96E-01	4.03E-02	7.31E+02	7.31E+04
BP-17-SUR	Actinium-228	1.88E+00		2.06E-01	4.05E-02	7.31E+02	7.31E+04
BP-18-SUR	Actinium-228	1.87E+00		2.05E-01	3.93E-02	7.31E+02	7.31E+04
BP-19-SUR	Actinium-228	1.98E+00		2.03E-01	4.30E-02	7.31E+02	7.31E+04
BP-20-SUR	Actinium-228	2.01E+00		2.20E-01	4.14E-02	7.31E+02	7.31E+04
BP-21-SUR	Actinium-228	2.04E+00		2.24E-01	4.14E-02	7.31E+02	7.31E+04
BP-22-SUR	Actinium-228	1.95E+00		2.00E-01	4.47E-02	7.31E+02	7.31E+04
BP-23-SUR	Actinium-228	1.95E+00		2.01E-01	4.43E-02	7.31E+02	7.31E+04
BP-24-SUR	Actinium-228	1.96E+00		2.01E-01	4.55E-02	7.31E+02	7.31E+04
BP-25-SUR	Actinium-228	1.80E+00		1.85E-01	4.61E-02	7.31E+02	7.31E+04
BP-26-SUR	Actinium-228	1.77E+00		1.81E-01	4.43E-02	7.31E+02	7.31E+04
BP-27-SUR	Actinium-228	1.80E+00		1.86E-01	4.37E-02	7.31E+02	7.31E+04
BP-28-SUR	Actinium-228	1.61E+00		1.65E-01	4.22E-02	7.31E+02	7.31E+04
BP-29-SUR	Actinium-228	1.70E+00		1.74E-01	4.27E-02	7.31E+02	7.31E+04
BP-30-SUR	Actinium-228	1.85E+00		2.05E-01	4.30E-02	7.31E+02	7.31E+04
BP-31-SUR	Actinium-228	1.89E+00		1.95E-01	4.47E-02	7.31E+02	7.31E+04
BP-32-SUR	Actinium-228	1.96E+00		2.00E-01	4.48E-02	7.31E+02	7.31E+04
BP-33-SUR	Actinium-228	1.98E+00		2.19E-01	4.43E-02	7.31E+02	7.31E+04
BP-34-SUR	Actinium-228	1.98E+00		2.03E-01	4.48E-02	7.31E+02	7.31E+04
BP-35-SUR	Actinium-228	1.81E+00		2.00E-01	4.41E-02	7.31E+02	7.31E+04
BP-36-SUR	Actinium-228	1.82E+00		2.01E-01	4.25E-02	7.31E+02	7.31E+04
BP-37-SUR	Actinium-228	1.75E+00		1.94E-01	4.57E-02	7.31E+02	7.31E+04
BP-38-SUR	Actinium-228	1.60E+00		1.77E-01	4.41E-02	7.31E+02	7.31E+04
BP-39-SUR	Actinium-228	1.54E+00		1.71E-01	4.22E-02	7.31E+02	7.31E+04
BP-40-SUR	Actinium-228	1.58E+00		1.75E-01	4.43E-02	7.31E+02	7.31E+04
BP-41-SUR	Actinium-228	1.68E+00		1.71E-01	4.25E-02	7.31E+02	7.31E+04
BP-42-SUR	Actinium-228	1.71E+00		1.90E-01	4.41E-02	7.31E+02	7.31E+04

Table 5 - Actinium-228 Analytical Results

Sample ID	Analyte	Result (pCi/g)	Qualifier(s)	Uncertainty (+/- pCi/g)	MDC (pCi/g)	Agricultural 10^{-6} PRG (pCi/g)	Agricultural 10^{-4} PRG (pCi/g)
BP-43-SUR	Actinium-228	1.77E+00		1.82E-01	4.39E-02	7.31E+02	7.31E+04
BP-44-SUR	Actinium-228	1.72E+00		1.90E-01	4.29E-02	7.31E+02	7.31E+04
BP-45-SUR	Actinium-228	1.75E+00		1.80E-01	4.34E-02	7.31E+02	7.31E+04
BP-46-SUR	Actinium-228	1.75E+00		1.94E-01	4.34E-02	7.31E+02	7.31E+04
BP-47-SUR	Actinium-228	1.91E+00		1.94E-01	3.76E-02	7.31E+02	7.31E+04
BP-48-SUR	Actinium-228	1.93E+00		2.14E-01	4.88E-02	7.31E+02	7.31E+04
BP-49-SUR	Actinium-228	1.87E+00		1.92E-01	3.76E-02	7.31E+02	7.31E+04
BP-50-SUR	Actinium-228	1.84E+00		2.04E-01	4.53E-02	7.31E+02	7.31E+04
BP-51-SUR	Actinium-228	1.67E+00		1.70E-01	3.56E-02	7.31E+02	7.31E+04
BP-52-SUR	Actinium-228	1.52E+00		1.56E-01	3.48E-02	7.31E+02	7.31E+04
BP-53-SUR	Actinium-228	1.50E+00		1.67E-01	4.52E-02	7.31E+02	7.31E+04
BP-54-SUR	Actinium-228	1.37E+00		1.40E-01	3.27E-02	7.31E+02	7.31E+04
Bridle Path Subsurface Samples (Santa Susana Formation)							
BP-3-SUB	Actinium-228	1.52E+00		1.55E-01	3.61E-02	7.31E+02	7.31E+04
BP-4-SUB	Actinium-228	1.57E+00		1.74E-01	4.20E-02	7.31E+02	7.31E+04
BP-5-SUB	Actinium-228	1.54E+00		1.71E-01	4.38E-02	7.31E+02	7.31E+04
BP-9-SUB	Actinium-228	1.94E+00		1.97E-01	3.50E-02	7.31E+02	7.31E+04
BP-12-SUB	Actinium-228	1.88E+00		2.08E-01	4.10E-02	7.31E+02	7.31E+04
BP-13-SUB	Actinium-228	1.93E+00		1.97E-01	4.27E-02	7.31E+02	7.31E+04
BP-14-SUB	Actinium-228	1.38E+00		1.53E-01	4.46E-02	7.31E+02	7.31E+04
BP-16-SUB	Actinium-228	1.95E+00		1.98E-01	3.56E-02	7.31E+02	7.31E+04
BP-20-SUB	Actinium-228	1.46E+00		1.62E-01	4.30E-02	7.31E+02	7.31E+04
BP-23-SUB	Actinium-228	1.59E+00		1.62E-01	3.36E-02	7.31E+02	7.31E+04
BP-29-SUB	Actinium-228	1.86E+00		4.25E-01	5.79E-01	7.31E+02	7.31E+04
BP-34-SUB	Actinium-228	2.10E+00		2.31E-01	4.60E-02	7.31E+02	7.31E+04
BP-35-SUB	Actinium-228	1.97E+00		2.00E-01	3.59E-02	7.31E+02	7.31E+04
BP-38-SUB	Actinium-228	1.51E+00		1.68E-01	4.70E-02	7.31E+02	7.31E+04
BP-43-SUB	Actinium-228	1.22E+00		1.31E-01	5.36E-02	7.31E+02	7.31E+04
BP-45-SUB	Actinium-228	1.94E+00		2.15E-01	4.43E-02	7.31E+02	7.31E+04
BP-46-SUB	Actinium-228	2.02E+00		2.08E-01	4.77E-02	7.31E+02	7.31E+04
BP-48-SUB	Actinium-228	1.60E+00		1.78E-01	4.46E-02	7.31E+02	7.31E+04
BP-50-SUB	Actinium-228	1.68E+00		1.71E-01	4.05E-02	7.31E+02	7.31E+04
BP-51-SUB	Actinium-228	2.30E+00		2.53E-01	4.52E-02	7.31E+02	7.31E+04

Notes:

pCi/g - Picocuries per gram of dry soil. Analyses for H-3, C-14, Tc-99, and I-129 are reported in units of pCi per gram of "as-received" soil.

MDC - Minimum Detectable Concentration

PRG - Preliminary Remediation Goal

Uncertainty - Reported at the 1.96σ Confidence Interval. Gamma Spec. Reported at the 2σ Confidence Interval.

Data Qualifiers:

B - Analyte present, but not detected substantially above the level reported in laboratory or field blanks.

J - The analyte was detected at the reported concentration: the quantitation is an estimate.

K - Analyte present. Reported value may be biased high. Actual value is expected to be lower.

L - Analyte present. Reported value may be biased low. Actual value is expected to be higher.

R - The result is rejected due to serious deficiences in the ability to analyze the sample and meet the Quality Control criteria.

U - Not considered detected. The associated number is the reported concentration.

UJ - Not considered detected. The associated number is the reported concentration which may be inaccurate.

UL - Not considered detected. The associated number is the reported concentration which may be inaccurate due to a low bias.

X - Excluded. The data point is associated with reanalyses or diluted analyses and is excluded because another result has been selecetd as the definitive result for the analyte

These results are qualified based on the usability of the data for its intended purpose, which is to develop a statistical profile against which to compare individual on-site sample results, to determine the extent of potential site contamination that may be attributable to site activities.

Table 6 - Antimony-125 Analytical Results

Sample ID	Analyte	Result (pCi/g)	Qualifier(s)	Uncertainty (+/- pCi/g)	MDC (pCi/g)	Agricultural 10^{-6} PRG (pCi/g)	Agricultural 10^{-4} PRG (pCi/g)
Lang Ranch Surface Samples (Chatsworth Formation)							
LR-1-SUR	Antimony-125	1.56E-01	K	2.15E-02	2.63E-02	4.60E-01	4.60E+01
LR-2-SUR	Antimony-125	1.48E-01	K	2.09E-02	2.63E-02	4.60E-01	4.60E+01
LR-3-SUR	Antimony-125	1.62E-01	K	2.23E-02	2.68E-02	4.60E-01	4.60E+01
LR-4-SUR	Antimony-125	1.56E-01	K	2.20E-02	2.42E-02	4.60E-01	4.60E+01
LR-5-SUR	Antimony-125	1.54E-01	K	2.13E-02	2.68E-02	4.60E-01	4.60E+01
LR-6-SUR	Antimony-125	1.48E-01	K	2.12E-02	2.73E-02	4.60E-01	4.60E+01
LR-7-SUR	Antimony-125	1.57E-01	K	2.17E-02	2.60E-02	4.60E-01	4.60E+01
LR-8-SUR	Antimony-125	1.41E-01	K	1.99E-02	2.50E-02	4.60E-01	4.60E+01
LR-9-SUR	Antimony-125	1.56E-01	K	2.18E-02	2.20E-02	4.60E-01	4.60E+01
LR-10-SUR	Antimony-125	1.74E-01	K	2.57E-02	2.30E-02	4.60E-01	4.60E+01
LR-11-SUR	Antimony-125	1.64E-01	K	2.40E-02	2.48E-02	4.60E-01	4.60E+01
LR-12-SUR	Antimony-125	1.44E-01	K	2.05E-02	2.58E-02	4.60E-01	4.60E+01
LR-13-SUR	Antimony-125	1.50E-01	K	2.10E-02	2.24E-02	4.60E-01	4.60E+01
LR-14-SUR	Antimony-125	1.08E-01	K	1.57E-02	2.50E-02	4.60E-01	4.60E+01
LR-15-SUR	Antimony-125	1.63E-01	K	2.25E-02	2.67E-02	4.60E-01	4.60E+01
LR-16-SUR	Antimony-125	1.48E-01	K	2.00E-02	2.53E-02	4.60E-01	4.60E+01
LR-17-SUR	Antimony-125	1.59E-01	K	2.14E-02	2.29E-02	4.60E-01	4.60E+01
LR-18-SUR	Antimony-125	1.66E-01	K	2.25E-02	2.10E-02	4.60E-01	4.60E+01
LR-19-SUR	Antimony-125	1.65E-01	K	2.29E-02	2.71E-02	4.60E-01	4.60E+01
LR-20-SUR	Antimony-125	1.65E-01	K	2.30E-02	2.79E-02	4.60E-01	4.60E+01
LR-21-SUR	Antimony-125	1.63E-01	K	2.26E-02	2.74E-02	4.60E-01	4.60E+01
LR-22-SUR	Antimony-125	1.67E-01	K	2.28E-02	2.46E-02	4.60E-01	4.60E+01
LR-23-SUR	Antimony-125	1.60E-01	K	2.17E-02	2.56E-02	4.60E-01	4.60E+01
LR-24-SUR	Antimony-125	1.51E-01	K	2.11E-02	2.60E-02	4.60E-01	4.60E+01
LR-25-SUR	Antimony-125	1.46E-01	K	2.06E-02	2.49E-02	4.60E-01	4.60E+01
LR-26-SUR	Antimony-125	1.71E-01	K	2.86E-02	2.68E-02	4.60E-01	4.60E+01
LR-27-SUR	Antimony-125	1.49E-01	K	2.08E-02	2.53E-02	4.60E-01	4.60E+01
Lang Ranch Subsurface Samples (Chatsworth Formation)							
LR-3-SUB	Antimony-125	1.67E-01	K	2.26E-02	2.74E-02	4.60E-01	4.60E+01
LR-4-SUB	Antimony-125	1.69E-01	K	2.24E-02	2.52E-02	4.60E-01	4.60E+01
LR-9-SUB	Antimony-125	1.79E-01	K	2.35E-02	2.60E-02	4.60E-01	4.60E+01
LR-13-SUB	Antimony-125	1.78E-01	K	2.38E-02	1.80E-02	4.60E-01	4.60E+01
LR-15-SUB	Antimony-125	2.04E-01	K	2.86E-02	3.15E-02	4.60E-01	4.60E+01
LR-18-SUB	Antimony-125	1.87E-01	K	2.63E-02	2.99E-02	4.60E-01	4.60E+01
LR-19-SUB	Antimony-125	1.97E-01	K	2.75E-02	3.02E-02	4.60E-01	4.60E+01
LR-23-SUB	Antimony-125	2.33E-01	K	3.19E-02	3.24E-02	4.60E-01	4.60E+01
LR-24-SUB	Antimony-125	1.73E-01	K	2.46E-02	2.82E-02	4.60E-01	4.60E+01
LR-26-SUB	Antimony-125	1.87E-01	K	2.58E-02	2.89E-02	4.60E-01	4.60E+01
Rocky Peak Surface Samples (Chatsworth Formation)							
RP-1-SUR	Antimony-125	1.19E-01	K	1.73E-02	1.99E-02	4.60E-01	4.60E+01
RP-2-SUR	Antimony-125	1.19E-01	K	1.72E-02	2.12E-02	4.60E-01	4.60E+01
RP-3-SUR	Antimony-125	1.27E-01	K	1.90E-02	1.83E-02	4.60E-01	4.60E+01
RP-4-SUR	Antimony-125	1.19E-01	K	1.73E-02	2.20E-02	4.60E-01	4.60E+01
RP-5-SUR	Antimony-125	1.21E-01	K	1.77E-02	2.26E-02	4.60E-01	4.60E+01
RP-6-SUR	Antimony-125	1.16E-01	K	1.75E-02	2.29E-02	4.60E-01	4.60E+01
RP-7-SUR	Antimony-125	1.26E-01	K	1.92E-02	2.31E-02	4.60E-01	4.60E+01
RP-8-SUR	Antimony-125	1.32E-01	K	2.04E-02	2.68E-02	4.60E-01	4.60E+01
RP-9-SUR	Antimony-125	1.21E-01	K	1.62E-02	2.11E-02	4.60E-01	4.60E+01
RP-10-SUR	Antimony-125	1.19E-01	K	1.74E-02	2.33E-02	4.60E-01	4.60E+01
RP-11-SUR	Antimony-125	1.43E-01	K	2.10E-02	2.60E-02	4.60E-01	4.60E+01
RP-12-SUR	Antimony-125	9.11E-02	K	1.31E-02	2.16E-02	4.60E-01	4.60E+01
RP-13-SUR	Antimony-125	1.06E-01	K	1.56E-02	2.09E-02	4.60E-01	4.60E+01
RP-14-SUR	Antimony-125	1.20E-01	K	1.72E-02	2.17E-02	4.60E-01	4.60E+01
RP-15-SUR	Antimony-125	1.17E-01	K	1.99E-02	2.23E-02	4.60E-01	4.60E+01
RP-16-SUR	Antimony-125	1.10E-01	K	1.60E-02	2.08E-02	4.60E-01	4.60E+01
RP-17-SUR	Antimony-125	1.15E-01	K	1.67E-02	2.21E-02	4.60E-01	4.60E+01
RP-18-SUR	Antimony-125	1.18E-01	K	1.72E-02	2.09E-02	4.60E-01	4.60E+01
RP-19-SUR	Antimony-125	1.22E-01	K	1.77E-02	2.20E-02	4.60E-01	4.60E+01
RP-20-SUR	Antimony-125	1.52E-01	K	2.23E-02	2.67E-02	4.60E-01	4.60E+01
RP-21-SUR	Antimony-125	1.28E-01	K	2.20E-02	1.99E-02	4.60E-01	4.60E+01

Table 6 - Antimony-125 Analytical Results

Sample ID	Analyte	Result (pCi/g)	Qualifier(s)	Uncertainty (+/- pCi/g)	MDC (pCi/g)	Agricultural 10^{-6} PRG (pCi/g)	Agricultural 10^{-4} PRG (pCi/g)
RP-22-SUR	Antimony-125	1.12E-01	K	1.66E-02	2.21E-02	4.60E-01	4.60E+01
RP-23-SUR	Antimony-125	1.52E-02	BK	1.31E-02	2.14E-02	4.60E-01	4.60E+01
RP-24-SUR	Antimony-125	1.08E-01	K	1.61E-02	2.10E-02	4.60E-01	4.60E+01
RP-25-SUR	Antimony-125	1.21E-01	K	1.78E-02	2.07E-02	4.60E-01	4.60E+01
RP-26-SUR	Antimony-125	1.19E-01	K	1.74E-02	2.33E-02	4.60E-01	4.60E+01
RP-27-SUR	Antimony-125	1.51E-01	K	2.24E-02	2.29E-02	4.60E-01	4.60E+01
RP-28-SUR	Antimony-125	1.30E-01	K	1.87E-02	2.43E-02	4.60E-01	4.60E+01
Rocky Peak Subsurface Samples (Chatsworth Formation)							
RP-1-SUB	Antimony-125	1.14E-01	K	1.65E-02	2.05E-02	4.60E-01	4.60E+01
RP-5-SUB	Antimony-125	1.29E-01	K	1.84E-02	2.41E-02	4.60E-01	4.60E+01
RP-7-SUB	Antimony-125	1.19E-01	K	1.76E-02	2.37E-02	4.60E-01	4.60E+01
RP-12-SUB	Antimony-125	1.09E-01	K	1.61E-02	2.12E-02	4.60E-01	4.60E+01
RP-13-SUB	Antimony-125	1.33E-01	K	1.90E-02	2.30E-02	4.60E-01	4.60E+01
RP-17-SUB	Antimony-125	1.41E-01	K	1.94E-02	2.29E-02	4.60E-01	4.60E+01
RP-18-SUB	Antimony-125	1.49E-01	K	2.03E-02	1.95E-02	4.60E-01	4.60E+01
RP-19-SUB	Antimony-125	1.27E-01	K	1.81E-02	2.31E-02	4.60E-01	4.60E+01
RP-20-SUB	Antimony-125	1.65E-02	BK	1.37E-02	1.65E-02	4.60E-01	4.60E+01
RP-28-SUB	Antimony-125	1.22E-01	K	1.76E-02	2.31E-02	4.60E-01	4.60E+01
Bridle Path Surface Samples (Santa Susana Formation)							
BP-1-SUR	Antimony-125	2.00E-01	K	2.59E-02	2.72E-02	4.60E-01	4.60E+01
BP-2-SUR	Antimony-125	1.66E-01	K	2.17E-02	2.72E-02	4.60E-01	4.60E+01
BP-3-SUR	Antimony-125	2.16E-01	K	2.79E-02	2.81E-02	4.60E-01	4.60E+01
BP-4-SUR	Antimony-125	2.27E-01	K	2.90E-02	2.82E-02	4.60E-01	4.60E+01
BP-5-SUR	Antimony-125	2.49E-01	K	3.15E-02	2.70E-02	4.60E-01	4.60E+01
BP-6-SUR	Antimony-125	3.12E-02	BK	2.44E-02	2.56E-02	4.60E-01	4.60E+01
BP-7-SUR	Antimony-125	2.29E-01	K	2.95E-02	3.03E-02	4.60E-01	4.60E+01
BP-8-SUR	Antimony-125	2.29E-01	K	2.94E-02	2.89E-02	4.60E-01	4.60E+01
BP-9-SUR	Antimony-125	2.23E-01	K	2.86E-02	2.93E-02	4.60E-01	4.60E+01
BP-10-SUR	Antimony-125	2.35E-01	K	2.99E-02	2.90E-02	4.60E-01	4.60E+01
BP-11-SUR	Antimony-125	2.22E-01	K	2.84E-02	2.86E-02	4.60E-01	4.60E+01
BP-12-SUR	Antimony-125	3.63E-02	K	2.17E-02	2.34E-02	4.60E-01	4.60E+01
BP-13-SUR	Antimony-125	2.44E-01	K	3.56E-02	3.00E-02	4.60E-01	4.60E+01
BP-14-SUR	Antimony-125	1.89E-01	K	2.52E-02	2.68E-02	4.60E-01	4.60E+01
BP-15-SUR	Antimony-125	1.74E-01	K	2.25E-02	2.79E-02	4.60E-01	4.60E+01
BP-16-SUR	Antimony-125	1.99E-01	K	2.59E-02	2.81E-02	4.60E-01	4.60E+01
BP-17-SUR	Antimony-125	2.06E-01	K	2.66E-02	2.84E-02	4.60E-01	4.60E+01
BP-18-SUR	Antimony-125	2.22E-01	K	2.84E-02	2.73E-02	4.60E-01	4.60E+01
BP-19-SUR	Antimony-125	2.27E-01	K	2.78E-02	2.76E-02	4.60E-01	4.60E+01
BP-20-SUR	Antimony-125	2.30E-01	K	2.94E-02	2.92E-02	4.60E-01	4.60E+01
BP-21-SUR	Antimony-125	1.97E-01	K	2.56E-02	2.96E-02	4.60E-01	4.60E+01
BP-22-SUR	Antimony-125	2.24E-01	K	2.75E-02	2.77E-02	4.60E-01	4.60E+01
BP-23-SUR	Antimony-125	2.17E-01	K	2.68E-02	2.87E-02	4.60E-01	4.60E+01
BP-24-SUR	Antimony-125	2.30E-01	K	2.86E-02	2.35E-02	4.60E-01	4.60E+01
BP-25-SUR	Antimony-125	1.78E-01	K	2.28E-02	2.44E-02	4.60E-01	4.60E+01
BP-26-SUR	Antimony-125	1.97E-01	K	2.47E-02	2.25E-02	4.60E-01	4.60E+01
BP-27-SUR	Antimony-125	2.07E-01	K	2.60E-02	2.92E-02	4.60E-01	4.60E+01
BP-28-SUR	Antimony-125	2.60E-02	BK	1.83E-02	2.16E-02	4.60E-01	4.60E+01
BP-29-SUR	Antimony-125	1.89E-01	K	2.42E-02	2.52E-02	4.60E-01	4.60E+01
BP-30-SUR	Antimony-125	2.14E-01	K	2.90E-02	2.28E-02	4.60E-01	4.60E+01
BP-31-SUR	Antimony-125	1.73E-01	K	2.14E-02	2.85E-02	4.60E-01	4.60E+01
BP-32-SUR	Antimony-125	2.25E-01	K	2.75E-02	2.93E-02	4.60E-01	4.60E+01
BP-33-SUR	Antimony-125	2.00E-01	K	2.70E-02	2.58E-02	4.60E-01	4.60E+01
BP-34-SUR	Antimony-125	2.36E-01	K	2.91E-02	2.36E-02	4.60E-01	4.60E+01
BP-35-SUR	Antimony-125	2.05E-01	K	2.78E-02	2.59E-02	4.60E-01	4.60E+01
BP-36-SUR	Antimony-125	2.15E-01	K	2.92E-02	2.84E-02	4.60E-01	4.60E+01
BP-37-SUR	Antimony-125	1.93E-01	K	2.68E-02	2.87E-02	4.60E-01	4.60E+01
BP-38-SUR	Antimony-125	1.85E-01	K	2.59E-02	2.77E-02	4.60E-01	4.60E+01
BP-39-SUR	Antimony-125	1.78E-01	K	2.50E-02	2.72E-02	4.60E-01	4.60E+01
BP-40-SUR	Antimony-125	1.80E-01	K	2.51E-02	2.82E-02	4.60E-01	4.60E+01
BP-41-SUR	Antimony-125	1.94E-01	K	2.50E-02	2.81E-02	4.60E-01	4.60E+01
BP-42-SUR	Antimony-125	1.92E-01	K	2.67E-02	2.81E-02	4.60E-01	4.60E+01

Table 6 - Antimony-125 Analytical Results

Sample ID	Analyte	Result (pCi/g)	Qualifier(s)	Uncertainty (+/- pCi/g)	MDC (pCi/g)	Agricultural 10^{-6} PRG (pCi/g)	Agricultural 10^{-4} PRG (pCi/g)
BP-43-SUR	Antimony-125	2.00E-01	K	2.52E-02	2.83E-02	4.60E-01	4.60E+01
BP-44-SUR	Antimony-125	2.07E-01	K	2.80E-02	2.71E-02	4.60E-01	4.60E+01
BP-45-SUR	Antimony-125	1.92E-01	K	2.43E-02	2.68E-02	4.60E-01	4.60E+01
BP-46-SUR	Antimony-125	1.80E-01	K	2.45E-02	2.78E-02	4.60E-01	4.60E+01
BP-47-SUR	Antimony-125	2.22E-01	K	2.62E-02	2.46E-02	4.60E-01	4.60E+01
BP-48-SUR	Antimony-125	3.07E-02	BK	2.28E-02	2.48E-02	4.60E-01	4.60E+01
BP-49-SUR	Antimony-125	2.13E-01	K	2.53E-02	2.45E-02	4.60E-01	4.60E+01
BP-50-SUR	Antimony-125	2.06E-01	K	2.82E-02	2.75E-02	4.60E-01	4.60E+01
BP-51-SUR	Antimony-125	2.05E-01	K	2.44E-02	2.38E-02	4.60E-01	4.60E+01
BP-52-SUR	Antimony-125	1.70E-01	K	2.12E-02	2.26E-02	4.60E-01	4.60E+01
BP-53-SUR	Antimony-125	1.76E-01	K	2.52E-02	2.81E-02	4.60E-01	4.60E+01
BP-54-SUR	Antimony-125	1.51E-01	K	1.89E-02	2.12E-02	4.60E-01	4.60E+01
Bridle Path Subsurface Samples (Santa Susana Formation)							
BP-3-SUB	Antimony-125	1.72E-01	K	2.14E-02	2.37E-02	4.60E-01	4.60E+01
BP-4-SUB	Antimony-125	1.93E-01	K	2.66E-02	2.78E-02	4.60E-01	4.60E+01
BP-5-SUB	Antimony-125	1.90E-01	K	2.64E-02	2.67E-02	4.60E-01	4.60E+01
BP-9-SUB	Antimony-125	2.21E-01	K	2.57E-02	2.31E-02	4.60E-01	4.60E+01
BP-12-SUB	Antimony-125	2.07E-01	K	2.77E-02	2.74E-02	4.60E-01	4.60E+01
BP-13-SUB	Antimony-125	2.33E-01	K	2.85E-02	2.65E-02	4.60E-01	4.60E+01
BP-14-SUB	Antimony-125	1.57E-01	K	2.31E-02	2.69E-02	4.60E-01	4.60E+01
BP-16-SUB	Antimony-125	2.35E-01	K	2.73E-02	2.33E-02	4.60E-01	4.60E+01
BP-20-SUB	Antimony-125	1.70E-01	K	2.42E-02	2.70E-02	4.60E-01	4.60E+01
BP-23-SUB	Antimony-125	1.54E-01	K	1.83E-02	1.83E-02	4.60E-01	4.60E+01
BP-29-SUB	Antimony-125	1.57E-01	U	2.91E-01	4.01E-01	4.60E-01	4.60E+01
BP-34-SUB	Antimony-125	2.43E-01	K	3.22E-02	2.97E-02	4.60E-01	4.60E+01
BP-35-SUB	Antimony-125	2.33E-01	K	2.70E-02	2.34E-02	4.60E-01	4.60E+01
BP-38-SUB	Antimony-125	1.68E-01	K	2.43E-02	2.90E-02	4.60E-01	4.60E+01
BP-43-SUB	Antimony-125	1.11E-01	K	1.79E-02	2.74E-02	4.60E-01	4.60E+01
BP-45-SUB	Antimony-125	2.23E-01	K	2.97E-02	2.85E-02	4.60E-01	4.60E+01
BP-46-SUB	Antimony-125	2.31E-01	K	2.88E-02	3.20E-02	4.60E-01	4.60E+01
BP-48-SUB	Antimony-125	1.89E-01	K	2.63E-02	2.76E-02	4.60E-01	4.60E+01
BP-50-SUB	Antimony-125	1.87E-01	K	2.34E-02	2.70E-02	4.60E-01	4.60E+01
BP-51-SUB	Antimony-125	2.63E-01	K	3.42E-02	2.92E-02	4.60E-01	4.60E+01

Notes:

pCi/g - Picocuries per gram of dry soil. Analyses for H-3, C-14, Tc-99, and I-129 are reported in units of pCi per gram of "as-received" soil.

MDC - Minimum Detectable Concentration

PRG - Preliminary Remediation Goal

Uncertainty - Reported at the 1.96σ Confidence Interval. Gamma Spec. Reported at the 2σ Confidence Interval.

Data Qualifiers:

B - Analyte present, but not detected substantially above the level reported in laboratory or field blanks.

J - The analyte was detected at the reported concentration: the quantitation is an estimate.

K - Analyte present. Reported value may be biased high. Actual value is expected to be lower.

L - Analyte present. Reported value may be biased low. Actual value is expected to be higher.

R - The result is rejected due to serious deficiences in the ability to analyze the sample and meet the Quality Control criteria.

U - Not considered detected. The associated number is the reported concentration.

UJ - Not considered detected. The associated number is the reported concentration which may be inaccurate.

UL - Not considered detected. The associated number is the reported concentration which may be inaccurate due to a low bias.

X - Excluded. The data point is associated with reanalyses or diluted analyses and is excluded because another result has been selecetd as the definitive result for the analyte

These results are qualified based on the usability of the data for its intended purpose, which is to develop a statistical profile against which to compare individual on-site sample results, to determine the extent of potential site contamination that may be attributable to site activities.

Table 7 - Barium-137m Analytical Results

Sample ID	Analyte	Result (pCi/g)	Qualifier(s)	Uncertainty (+/- pCi/g)	MDC (pCi/g)	Agricultural 10^{-6} PRG (pCi/g)	Agricultural 10^{-4} PRG (pCi/g)
Lang Ranch Surface Samples (Chatsworth Formation)							
LR-1-SUR	Barium-137m	1.38E-01		1.60E-02	6.37E-03	1.78E+05	1.78E+07
LR-2-SUR	Barium-137m	1.22E-01		1.43E-02	6.35E-03	1.78E+05	1.78E+07
LR-3-SUR	Barium-137m	8.18E-02		1.02E-02	6.44E-03	1.78E+05	1.78E+07
LR-4-SUR	Barium-137m	7.82E-02		9.77E-03	6.23E-03	1.78E+05	1.78E+07
LR-5-SUR	Barium-137m	8.76E-02		1.19E-02	6.86E-03	1.78E+05	1.78E+07
LR-6-SUR	Barium-137m	9.32E-02		1.14E-02	6.43E-03	1.78E+05	1.78E+07
LR-7-SUR	Barium-137m	1.07E-01		1.27E-02	6.30E-03	1.78E+05	1.78E+07
LR-8-SUR	Barium-137m	1.07E-01		1.27E-02	6.16E-03	1.78E+05	1.78E+07
LR-9-SUR	Barium-137m	9.33E-02		1.14E-02	6.47E-03	1.78E+05	1.78E+07
LR-10-SUR	Barium-137m	9.30E-02		1.14E-02	6.74E-03	1.78E+05	1.78E+07
LR-11-SUR	Barium-137m	1.17E-01		1.39E-02	6.71E-03	1.78E+05	1.78E+07
LR-12-SUR	Barium-137m	1.10E-01		1.31E-02	6.33E-03	1.78E+05	1.78E+07
LR-13-SUR	Barium-137m	1.41E-01		1.63E-02	6.05E-03	1.78E+05	1.78E+07
LR-14-SUR	Barium-137m	8.93E-02		1.08E-02	6.05E-03	1.78E+05	1.78E+07
LR-15-SUR	Barium-137m	1.23E-01		1.45E-02	6.91E-03	1.78E+05	1.78E+07
LR-16-SUR	Barium-137m	7.32E-02		9.18E-03	6.03E-03	1.78E+05	1.78E+07
LR-17-SUR	Barium-137m	8.84E-02		1.06E-02	5.60E-03	1.78E+05	1.78E+07
LR-18-SUR	Barium-137m	6.53E-02		8.52E-03	6.37E-03	1.78E+05	1.78E+07
LR-19-SUR	Barium-137m	9.55E-02		1.16E-02	6.69E-03	1.78E+05	1.78E+07
LR-20-SUR	Barium-137m	8.10E-02		1.02E-02	6.71E-03	1.78E+05	1.78E+07
LR-21-SUR	Barium-137m	1.21E-01		1.43E-02	6.70E-03	1.78E+05	1.78E+07
LR-22-SUR	Barium-137m	9.42E-02		1.14E-02	6.39E-03	1.78E+05	1.78E+07
LR-23-SUR	Barium-137m	1.11E-01		1.31E-02	6.29E-03	1.78E+05	1.78E+07
LR-24-SUR	Barium-137m	7.86E-02		9.80E-03	6.23E-03	1.78E+05	1.78E+07
LR-25-SUR	Barium-137m	1.22E-01		1.44E-02	6.39E-03	1.78E+05	1.78E+07
LR-26-SUR	Barium-137m	1.16E-01		1.37E-02	6.43E-03	1.78E+05	1.78E+07
LR-27-SUR	Barium-137m	1.36E-01		1.58E-02	6.25E-03	1.78E+05	1.78E+07
Lang Ranch Subsurface Samples (Chatsworth Formation)							
LR-3-SUB	Barium-137m	-4.73E-03	U	5.59E-03	8.87E-03	1.78E+05	1.78E+07
LR-4-SUB	Barium-137m	3.25E-03		3.03E-03	4.93E-03	1.78E+05	1.78E+07
LR-9-SUB	Barium-137m	2.98E-03	U	3.33E-03	5.46E-03	1.78E+05	1.78E+07
LR-13-SUB	Barium-137m	-7.25E-03	UL	5.38E-03	8.72E-03	1.78E+05	1.78E+07
LR-15-SUB	Barium-137m	-3.38E-03	U	7.09E-03	9.37E-03	1.78E+05	1.78E+07
LR-18-SUB	Barium-137m	3.03E-03	U	3.77E-03	6.20E-03	1.78E+05	1.78E+07
LR-19-SUB	Barium-137m	2.25E-03	U	3.79E-03	6.27E-03	1.78E+05	1.78E+07
LR-23-SUB	Barium-137m	-8.32E-05	U	8.72E-03	9.52E-03	1.78E+05	1.78E+07
LR-24-SUB	Barium-137m	-4.18E-04	U	5.09E-03	8.46E-03	1.78E+05	1.78E+07
LR-26-SUB	Barium-137m	-4.75E-03	U	5.20E-03	8.52E-03	1.78E+05	1.78E+07
Rocky Peak Surface Samples (Chatsworth Formation)							
RP-1-SUR	Barium-137m	3.84E-02		5.56E-03	5.21E-03	1.78E+05	1.78E+07
RP-2-SUR	Barium-137m	2.98E-02		6.02E-03	5.40E-03	1.78E+05	1.78E+07
RP-3-SUR	Barium-137m	4.85E-02		7.15E-03	5.01E-03	1.78E+05	1.78E+07
RP-4-SUR	Barium-137m	3.07E-02		5.58E-03	4.98E-03	1.78E+05	1.78E+07
RP-5-SUR	Barium-137m	1.71E-01		2.00E-02	6.30E-03	1.78E+05	1.78E+07
RP-6-SUR	Barium-137m	1.03E-01		1.21E-02	5.54E-03	1.78E+05	1.78E+07
RP-7-SUR	Barium-137m	7.52E-02		1.07E-02	6.19E-03	1.78E+05	1.78E+07
RP-8-SUR	Barium-137m	1.06E-01		1.35E-02	6.14E-03	1.78E+05	1.78E+07
RP-9-SUR	Barium-137m	9.81E-02		1.06E-02	4.56E-03	1.78E+05	1.78E+07
RP-10-SUR	Barium-137m	1.13E-01		1.39E-02	5.95E-03	1.78E+05	1.78E+07
RP-11-SUR	Barium-137m	4.25E-02		5.93E-03	5.13E-03	1.78E+05	1.78E+07
RP-12-SUR	Barium-137m	5.69E-02		7.29E-03	5.14E-03	1.78E+05	1.78E+07
RP-13-SUR	Barium-137m	3.71E-02		6.49E-03	5.28E-03	1.78E+05	1.78E+07
RP-14-SUR	Barium-137m	6.49E-02		8.11E-03	5.23E-03	1.78E+05	1.78E+07
RP-15-SUR	Barium-137m	8.23E-02		9.90E-03	5.24E-03	1.78E+05	1.78E+07
RP-16-SUR	Barium-137m	1.43E-01		1.70E-02	5.78E-03	1.78E+05	1.78E+07
RP-17-SUR	Barium-137m	1.34E-01		1.65E-02	6.49E-03	1.78E+05	1.78E+07
RP-18-SUR	Barium-137m	9.78E-02		1.27E-02	6.12E-03	1.78E+05	1.78E+07
RP-19-SUR	Barium-137m	5.12E-02		7.76E-03	5.55E-03	1.78E+05	1.78E+07
RP-20-SUR	Barium-137m	5.34E-02		7.94E-03	5.52E-03	1.78E+05	1.78E+07
RP-21-SUR	Barium-137m	9.41E-03		3.28E-03	4.96E-03	1.78E+05	1.78E+07

Table 7 - Barium-137m Analytical Results

Sample ID	Analyte	Result (pCi/g)	Qualifier(s)	Uncertainty (+/- pCi/g)	MDC (pCi/g)	Agricultural 10^{-6} PRG (pCi/g)	Agricultural 10^{-4} PRG (pCi/g)
RP-22-SUR	Barium-137m	7.42E-02		1.02E-02	5.92E-03	1.78E+05	1.78E+07
RP-23-SUR	Barium-137m	1.00E-01		1.36E-02	7.00E-03	1.78E+05	1.78E+07
RP-24-SUR	Barium-137m	1.49E-01		1.80E-02	6.57E-03	1.78E+05	1.78E+07
RP-25-SUR	Barium-137m	1.12E-01		1.31E-02	5.48E-03	1.78E+05	1.78E+07
RP-26-SUR	Barium-137m	4.53E-02		6.25E-03	5.33E-03	1.78E+05	1.78E+07
RP-27-SUR	Barium-137m	1.00E-01		1.19E-02	5.61E-03	1.78E+05	1.78E+07
RP-28-SUR	Barium-137m	6.03E-02		7.85E-03	5.80E-03	1.78E+05	1.78E+07
Rocky Peak Subsurface Samples (Chatsworth Formation)							
RP-1-SUB	Barium-137m	-3.34E-03	U	4.30E-03	7.06E-03	1.78E+05	1.78E+07
RP-5-SUB	Barium-137m	-2.68E-03	U	4.55E-03	7.51E-03	1.78E+05	1.78E+07
RP-7-SUB	Barium-137m	3.92E-03		3.34E-03	5.43E-03	1.78E+05	1.78E+07
RP-12-SUB	Barium-137m	8.75E-03		3.24E-03	4.95E-03	1.78E+05	1.78E+07
RP-13-SUB	Barium-137m	3.56E-03		3.05E-03	4.96E-03	1.78E+05	1.78E+07
RP-17-SUB	Barium-137m	6.16E-03		3.86E-03	6.20E-03	1.78E+05	1.78E+07
RP-18-SUB	Barium-137m	3.46E-04	U	4.31E-03	7.16E-03	1.78E+05	1.78E+07
RP-19-SUB	Barium-137m	6.22E-04	U	4.40E-03	7.31E-03	1.78E+05	1.78E+07
RP-20-SUB	Barium-137m	-4.33E-03	U	5.55E-03	7.67E-03	1.78E+05	1.78E+07
RP-28-SUB	Barium-137m	3.43E-03		2.92E-03	4.76E-03	1.78E+05	1.78E+07
Bridle Path Surface Samples (Santa Susana Formation)							
BP-1-SUR	Barium-137m	5.95E-02		9.58E-03	7.06E-03	1.78E+05	1.78E+07
BP-2-SUR	Barium-137m	8.04E-02		1.01E-02	6.75E-03	1.78E+05	1.78E+07
BP-3-SUR	Barium-137m	6.04E-02		8.13E-03	6.70E-03	1.78E+05	1.78E+07
BP-4-SUR	Barium-137m	8.37E-02		1.22E-02	7.87E-03	1.78E+05	1.78E+07
BP-5-SUR	Barium-137m	5.25E-02		7.46E-03	6.89E-03	1.78E+05	1.78E+07
BP-6-SUR	Barium-137m	7.03E-02		9.17E-03	6.98E-03	1.78E+05	1.78E+07
BP-7-SUR	Barium-137m	8.04E-02		1.02E-02	7.08E-03	1.78E+05	1.78E+07
BP-8-SUR	Barium-137m	9.27E-02		1.14E-02	6.83E-03	1.78E+05	1.78E+07
BP-9-SUR	Barium-137m	8.99E-02		1.11E-02	6.95E-03	1.78E+05	1.78E+07
BP-10-SUR	Barium-137m	7.42E-02		9.55E-03	6.97E-03	1.78E+05	1.78E+07
BP-11-SUR	Barium-137m	4.51E-02		8.45E-03	7.08E-03	1.78E+05	1.78E+07
BP-12-SUR	Barium-137m	7.60E-02		9.67E-03	6.76E-03	1.78E+05	1.78E+07
BP-13-SUR	Barium-137m	7.36E-02		9.21E-03	7.58E-03	1.78E+05	1.78E+07
BP-14-SUR	Barium-137m	1.04E-01		1.24E-02	6.42E-03	1.78E+05	1.78E+07
BP-15-SUR	Barium-137m	4.45E-02		9.09E-03	7.61E-03	1.78E+05	1.78E+07
BP-16-SUR	Barium-137m	6.05E-02		8.06E-03	6.37E-03	1.78E+05	1.78E+07
BP-17-SUR	Barium-137m	6.34E-02		8.43E-03	6.72E-03	1.78E+05	1.78E+07
BP-18-SUR	Barium-137m	9.61E-02		1.16E-02	6.55E-03	1.78E+05	1.78E+07
BP-19-SUR	Barium-137m	8.81E-02		1.03E-02	7.01E-03	1.78E+05	1.78E+07
BP-20-SUR	Barium-137m	1.07E-01		1.43E-02	7.66E-03	1.78E+05	1.78E+07
BP-21-SUR	Barium-137m	8.04E-02		1.02E-02	7.07E-03	1.78E+05	1.78E+07
BP-22-SUR	Barium-137m	6.98E-02		1.06E-02	7.93E-03	1.78E+05	1.78E+07
BP-23-SUR	Barium-137m	7.54E-02		1.18E-02	8.34E-03	1.78E+05	1.78E+07
BP-24-SUR	Barium-137m	8.20E-02		9.91E-03	7.39E-03	1.78E+05	1.78E+07
BP-25-SUR	Barium-137m	1.35E-01		1.58E-02	7.69E-03	1.78E+05	1.78E+07
BP-26-SUR	Barium-137m	9.02E-02		1.05E-02	6.95E-03	1.78E+05	1.78E+07
BP-27-SUR	Barium-137m	9.81E-02		1.32E-02	8.23E-03	1.78E+05	1.78E+07
BP-28-SUR	Barium-137m	9.92E-02		1.27E-02	7.29E-03	1.78E+05	1.78E+07
BP-29-SUR	Barium-137m	1.09E-01		1.38E-02	7.76E-03	1.78E+05	1.78E+07
BP-30-SUR	Barium-137m	6.68E-02		8.78E-03	6.78E-03	1.78E+05	1.78E+07
BP-31-SUR	Barium-137m	5.77E-02		9.53E-03	7.60E-03	1.78E+05	1.78E+07
BP-32-SUR	Barium-137m	4.25E-02		8.60E-03	7.62E-03	1.78E+05	1.78E+07
BP-33-SUR	Barium-137m	7.74E-02		1.15E-02	7.57E-03	1.78E+05	1.78E+07
BP-34-SUR	Barium-137m	7.56E-02		1.15E-02	8.21E-03	1.78E+05	1.78E+07
BP-35-SUR	Barium-137m	8.46E-02		1.06E-02	6.83E-03	1.78E+05	1.78E+07
BP-36-SUR	Barium-137m	9.20E-02		1.13E-02	6.79E-03	1.78E+05	1.78E+07
BP-37-SUR	Barium-137m	6.71E-02		1.05E-02	7.24E-03	1.78E+05	1.78E+07
BP-38-SUR	Barium-137m	7.99E-02		1.00E-02	6.49E-03	1.78E+05	1.78E+07
BP-39-SUR	Barium-137m	4.75E-02		6.84E-03	6.39E-03	1.78E+05	1.78E+07
BP-40-SUR	Barium-137m	5.38E-02		7.51E-03	6.64E-03	1.78E+05	1.78E+07
BP-41-SUR	Barium-137m	7.23E-02		8.90E-03	6.90E-03	1.78E+05	1.78E+07
BP-42-SUR	Barium-137m	4.00E-02		7.93E-03	6.74E-03	1.78E+05	1.78E+07

Table 7 - Barium-137m Analytical Results

Sample ID	Analyte	Result (pCi/g)	Qualifier(s)	Uncertainty (+/- pCi/g)	MDC (pCi/g)	Agricultural 10^{-6} PRG (pCi/g)	Agricultural 10^{-4} PRG (pCi/g)
BP-43-SUR	Barium-137m	5.88E-02		9.07E-03	7.05E-03	1.78E+05	1.78E+07
BP-44-SUR	Barium-137m	1.42E-01		1.66E-02	6.69E-03	1.78E+05	1.78E+07
BP-45-SUR	Barium-137m	9.22E-02		1.29E-02	8.18E-03	1.78E+05	1.78E+07
BP-46-SUR	Barium-137m	1.08E-01		1.44E-02	7.44E-03	1.78E+05	1.78E+07
BP-47-SUR	Barium-137m	7.63E-02		8.91E-03	6.06E-03	1.78E+05	1.78E+07
BP-48-SUR	Barium-137m	8.94E-02		1.13E-02	7.51E-03	1.78E+05	1.78E+07
BP-49-SUR	Barium-137m	7.04E-02		1.02E-02	6.94E-03	1.78E+05	1.78E+07
BP-50-SUR	Barium-137m	4.85E-02		9.54E-03	7.61E-03	1.78E+05	1.78E+07
BP-51-SUR	Barium-137m	8.35E-02		1.10E-02	6.50E-03	1.78E+05	1.78E+07
BP-52-SUR	Barium-137m	1.67E-01		1.83E-02	6.23E-03	1.78E+05	1.78E+07
BP-53-SUR	Barium-137m	7.22E-02		1.18E-02	7.92E-03	1.78E+05	1.78E+07
BP-54-SUR	Barium-137m	5.53E-02		8.07E-03	5.63E-03	1.78E+05	1.78E+07
Bridle Path Subsurface Samples (Santa Susana Formation)							
BP-3-SUB	Barium-137m	2.63E-03		2.63E-03	4.30E-03	1.78E+05	1.78E+07
BP-4-SUB	Barium-137m	-4.74E-03	U	5.24E-03	8.58E-03	1.78E+05	1.78E+07
BP-5-SUB	Barium-137m	-3.14E-03	U	5.20E-03	8.57E-03	1.78E+05	1.78E+07
BP-9-SUB	Barium-137m	-5.34E-03	UL	4.48E-03	7.31E-03	1.78E+05	1.78E+07
BP-12-SUB	Barium-137m	-5.58E-03	UL	5.12E-03	8.36E-03	1.78E+05	1.78E+07
BP-13-SUB	Barium-137m	-9.41E-03	RU	5.54E-03	8.90E-03	1.78E+05	1.78E+07
BP-14-SUB	Barium-137m	-3.03E-03	U	5.29E-03	8.50E-03	1.78E+05	1.78E+07
BP-16-SUB	Barium-137m	1.62E-02		3.97E-03	5.71E-03	1.78E+05	1.78E+07
BP-20-SUB	Barium-137m	-4.24E-03	U	5.31E-03	8.56E-03	1.78E+05	1.78E+07
BP-23-SUB	Barium-137m	-2.95E-04	U	3.29E-03	5.47E-03	1.78E+05	1.78E+07
BP-29-SUB	Barium-137m	-1.78E-02	U	8.50E-02	1.55E-01	1.78E+05	1.78E+07
BP-34-SUB	Barium-137m	-5.61E-03	U	5.70E-03	9.20E-03	1.78E+05	1.78E+07
BP-35-SUB	Barium-137m	-4.97E-03	UL	4.48E-03	7.31E-03	1.78E+05	1.78E+07
BP-38-SUB	Barium-137m	-3.18E-03	U	5.59E-03	8.98E-03	1.78E+05	1.78E+07
BP-43-SUB	Barium-137m	-6.12E-03	U	6.29E-03	8.68E-03	1.78E+05	1.78E+07
BP-45-SUB	Barium-137m	2.08E-03	U	3.81E-03	6.30E-03	1.78E+05	1.78E+07
BP-46-SUB	Barium-137m	-4.61E-03	U	8.02E-03	1.01E-02	1.78E+05	1.78E+07
BP-48-SUB	Barium-137m	-6.65E-03	UL	6.08E-03	8.69E-03	1.78E+05	1.78E+07
BP-50-SUB	Barium-137m	2.78E-05	U	4.77E-03	7.94E-03	1.78E+05	1.78E+07
BP-51-SUB	Barium-137m	-8.24E-03	UL	5.84E-03	9.36E-03	1.78E+05	1.78E+07

Notes:

pCi/g - Picocuries per gram of dry soil. Analyses for H-3, C-14, Tc-99, and I-129 are reported in units of pCi per gram of "as-received" soil.

MDC - Minimum Detectable Concentration

PRG - Preliminary Remediation Goal

Uncertainty - Reported at the 1.96σ Confidence Interval. Gamma Spec. Reported at the 2σ Confidence Interval.

Data Qualifiers:

B - Analyte present, but not detected substantially above the level reported in laboratory or field blanks.

J - The analyte was detected at the reported concentration: the quantitation is an estimate.

K - Analyte present. Reported value may be biased high. Actual value is expected to be lower.

L - Analyte present. Reported value may be biased low. Actual value is expected to be higher.

R - The result is rejected due to serious deficiences in the ability to analyze the sample and meet the Quality Control criteria.

U - Not considered detected. The associated number is the reported concentration.

UJ - Not considered detected. The associated number is the reported concentration which may be inaccurate.

UL - Not considered detected. The associated number is the reported concentration which may be inaccurate due to a low bias.

X - Excluded. The data point is associated with reanalyses or diluted analyses and is excluded because another result has been selecetd as the definitive result for the analyte

These results are qualified based on the usability of the data for its intended purpose, which is to develop a statistical profile against which to compare individual on-site sample results, to determine the extent of potential site contamination that may be attributable to site activities.

Table 8 - Bismuth-212 Analytical Results

Sample ID	Analyte	Result (pCi/g)	Qualifier(s)	Uncertainty (+/- pCi/g)	MDC (pCi/g)	Agricultural 10^{-6} PRG (pCi/g)	Agricultural 10^{-4} PRG (pCi/g)
Lang Ranch Surface Samples (Chatsworth Formation)							
LR-1-SUR	Bismuth-212	1.01E+00		1.39E-01	7.10E-02	2.24E+04	2.24E+06
LR-2-SUR	Bismuth-212	1.01E+00		1.35E-01	6.68E-02	2.24E+04	2.24E+06
LR-3-SUR	Bismuth-212	1.04E+00		1.45E-01	7.49E-02	2.24E+04	2.24E+06
LR-4-SUR	Bismuth-212	1.04E+00		1.44E-01	7.14E-02	2.24E+04	2.24E+06
LR-5-SUR	Bismuth-212	1.02E+00		1.38E-01	6.98E-02	2.24E+04	2.24E+06
LR-6-SUR	Bismuth-212	1.04E+00		1.43E-01	7.19E-02	2.24E+04	2.24E+06
LR-7-SUR	Bismuth-212	9.83E-01		1.32E-01	6.67E-02	2.24E+04	2.24E+06
LR-8-SUR	Bismuth-212	9.97E-01		1.30E-01	6.34E-02	2.24E+04	2.24E+06
LR-9-SUR	Bismuth-212	1.07E+00		1.42E-01	6.83E-02	2.24E+04	2.24E+06
LR-10-SUR	Bismuth-212	1.10E+00		1.45E-01	7.24E-02	2.24E+04	2.24E+06
LR-11-SUR	Bismuth-212	1.08E+00		1.50E-01	7.87E-02	2.24E+04	2.24E+06
LR-12-SUR	Bismuth-212	1.02E+00		1.34E-01	6.46E-02	2.24E+04	2.24E+06
LR-13-SUR	Bismuth-212	8.96E-01		1.17E-01	5.85E-02	2.24E+04	2.24E+06
LR-14-SUR	Bismuth-212	8.79E-01		1.17E-01	5.87E-02	2.24E+04	2.24E+06
LR-15-SUR	Bismuth-212	1.10E+00		1.61E-01	8.46E-02	2.24E+04	2.24E+06
LR-16-SUR	Bismuth-212	2.04E+00		2.79E-01	1.32E-01	2.24E+04	2.24E+06
LR-17-SUR	Bismuth-212	1.04E+00		1.36E-01	6.18E-02	2.24E+04	2.24E+06
LR-18-SUR	Bismuth-212	1.12E+00		1.53E-01	7.37E-02	2.24E+04	2.24E+06
LR-19-SUR	Bismuth-212	1.16E+00		1.51E-01	7.04E-02	2.24E+04	2.24E+06
LR-20-SUR	Bismuth-212	1.14E+00		1.52E-01	7.31E-02	2.24E+04	2.24E+06
LR-21-SUR	Bismuth-212	1.13E+00		1.47E-01	6.89E-02	2.24E+04	2.24E+06
LR-22-SUR	Bismuth-212	1.14E+00		1.45E-01	6.45E-02	2.24E+04	2.24E+06
LR-23-SUR	Bismuth-212	1.06E+00		1.47E-01	7.45E-02	2.24E+04	2.24E+06
LR-24-SUR	Bismuth-212	1.01E+00		1.21E-01	5.69E-02	2.24E+04	2.24E+06
LR-25-SUR	Bismuth-212	1.07E+00		1.47E-01	7.34E-02	2.24E+04	2.24E+06
LR-26-SUR	Bismuth-212	1.04E+00		1.44E-01	7.46E-02	2.24E+04	2.24E+06
LR-27-SUR	Bismuth-212	9.59E-01		1.26E-01	6.28E-02	2.24E+04	2.24E+06
Lang Ranch Subsurface Samples (Chatsworth Formation)							
LR-3-SUB	Bismuth-212	1.12E+00		1.43E-01	6.62E-02	2.24E+04	2.24E+06
LR-4-SUB	Bismuth-212	1.20E+00		1.55E-01	6.69E-02	2.24E+04	2.24E+06
LR-9-SUB	Bismuth-212	1.15E+00		1.43E-01	6.05E-02	2.24E+04	2.24E+06
LR-13-SUB	Bismuth-212	1.05E+00		1.47E-01	7.56E-02	2.24E+04	2.24E+06
LR-15-SUB	Bismuth-212	1.47E+00		1.83E-01	7.78E-02	2.24E+04	2.24E+06
LR-18-SUB	Bismuth-212	1.18E+00		1.59E-01	8.04E-02	2.24E+04	2.24E+06
LR-19-SUB	Bismuth-212	1.42E+00		1.88E-01	8.52E-02	2.24E+04	2.24E+06
LR-23-SUB	Bismuth-212	1.54E+00		1.92E-01	8.17E-02	2.24E+04	2.24E+06
LR-24-SUB	Bismuth-212	1.19E+00		1.50E-01	6.79E-02	2.24E+04	2.24E+06
LR-26-SUB	Bismuth-212	1.39E+00		1.81E-01	7.98E-02	2.24E+04	2.24E+06
Rocky Peak Surface Samples (Chatsworth Formation)							
RP-1-SUR	Bismuth-212	7.80E-01		1.10E-01	6.45E-02	2.24E+04	2.24E+06
RP-2-SUR	Bismuth-212	8.05E-01		1.11E-01	5.96E-02	2.24E+04	2.24E+06
RP-3-SUR	Bismuth-212	9.14E-01		1.11E-01	6.14E-02	2.24E+04	2.24E+06
RP-4-SUR	Bismuth-212	7.97E-01		1.15E-01	6.25E-02	2.24E+04	2.24E+06
RP-5-SUR	Bismuth-212	7.91E-01		1.05E-01	5.38E-02	2.24E+04	2.24E+06
RP-6-SUR	Bismuth-212	8.23E-01		1.24E-01	6.78E-02	2.24E+04	2.24E+06
RP-7-SUR	Bismuth-212	9.71E-01		1.35E-01	7.14E-02	2.24E+04	2.24E+06
RP-8-SUR	Bismuth-212	9.65E-01		1.34E-01	7.31E-02	2.24E+04	2.24E+06
RP-9-SUR	Bismuth-212	9.51E-01		1.25E-01	6.55E-02	2.24E+04	2.24E+06
RP-10-SUR	Bismuth-212	8.43E-01		1.16E-01	6.09E-02	2.24E+04	2.24E+06
RP-11-SUR	Bismuth-212	1.07E+00		1.51E-01	7.75E-02	2.24E+04	2.24E+06
RP-12-SUR	Bismuth-212	8.15E-01		1.11E-01	5.65E-02	2.24E+04	2.24E+06
RP-13-SUR	Bismuth-212	7.11E-01		1.06E-01	6.07E-02	2.24E+04	2.24E+06
RP-14-SUR	Bismuth-212	7.60E-01		1.13E-01	6.37E-02	2.24E+04	2.24E+06
RP-15-SUR	Bismuth-212	7.88E-01		1.00E-01	4.81E-02	2.24E+04	2.24E+06
RP-16-SUR	Bismuth-212	7.43E-01		1.03E-01	5.54E-02	2.24E+04	2.24E+06
RP-17-SUR	Bismuth-212	7.15E-01		9.95E-02	5.58E-02	2.24E+04	2.24E+06
RP-18-SUR	Bismuth-212	8.17E-01		1.11E-01	5.75E-02	2.24E+04	2.24E+06
RP-19-SUR	Bismuth-212	8.44E-01		1.13E-01	5.77E-02	2.24E+04	2.24E+06
RP-20-SUR	Bismuth-212	1.10E+00		1.55E-01	8.03E-02	2.24E+04	2.24E+06
RP-21-SUR	Bismuth-212	8.02E-01		1.08E-01	5.46E-02	2.24E+04	2.24E+06

Table 8 - Bismuth-212 Analytical Results

Sample ID	Analyte	Result (pCi/g)	Qualifier(s)	Uncertainty (+/- pCi/g)	MDC (pCi/g)	Agricultural 10^{-6} PRG (pCi/g)	Agricultural 10^{-4} PRG (pCi/g)
RP-22-SUR	Bismuth-212	8.07E-01		1.15E-01	6.16E-02	2.24E+04	2.24E+06
RP-23-SUR	Bismuth-212	1.10E+00		1.53E-01	7.72E-02	2.24E+04	2.24E+06
RP-24-SUR	Bismuth-212	8.54E-01		1.21E-01	6.25E-02	2.24E+04	2.24E+06
RP-25-SUR	Bismuth-212	8.08E-01		1.12E-01	6.02E-02	2.24E+04	2.24E+06
RP-26-SUR	Bismuth-212	8.40E-01		1.11E-01	5.65E-02	2.24E+04	2.24E+06
RP-27-SUR	Bismuth-212	9.21E-01		1.24E-01	6.22E-02	2.24E+04	2.24E+06
RP-28-SUR	Bismuth-212	9.58E-01		1.28E-01	6.30E-02	2.24E+04	2.24E+06
Rocky Peak Subsurface Samples (Chatsworth Formation)							
RP-1-SUB	Bismuth-212	8.20E-01		1.23E-01	6.63E-02	2.24E+04	2.24E+06
RP-5-SUB	Bismuth-212	8.68E-01		1.15E-01	5.85E-02	2.24E+04	2.24E+06
RP-7-SUB	Bismuth-212	8.12E-01		9.85E-02	5.36E-02	2.24E+04	2.24E+06
RP-12-SUB	Bismuth-212	7.36E-01		1.12E-01	6.45E-02	2.24E+04	2.24E+06
RP-13-SUB	Bismuth-212	9.22E-01		1.25E-01	6.22E-02	2.24E+04	2.24E+06
RP-17-SUB	Bismuth-212	9.34E-01		1.31E-01	6.66E-02	2.24E+04	2.24E+06
RP-18-SUB	Bismuth-212	9.83E-01		1.32E-01	6.55E-02	2.24E+04	2.24E+06
RP-19-SUB	Bismuth-212	9.42E-01		1.23E-01	5.95E-02	2.24E+04	2.24E+06
RP-20-SUB	Bismuth-212	9.14E-01		1.23E-01	6.17E-02	2.24E+04	2.24E+06
RP-28-SUB	Bismuth-212	9.17E-01		1.31E-01	6.91E-02	2.24E+04	2.24E+06
Bridle Path Surface Samples (Santa Susana Formation)							
BP-1-SUR	Bismuth-212	1.34E+00		1.70E-01	7.11E-02	2.24E+04	2.24E+06
BP-2-SUR	Bismuth-212	1.31E+00		1.63E-01	6.84E-02	2.24E+04	2.24E+06
BP-3-SUR	Bismuth-212	1.41E+00		1.86E-01	8.12E-02	2.24E+04	2.24E+06
BP-4-SUR	Bismuth-212	1.46E+00		1.85E-01	7.78E-02	2.24E+04	2.24E+06
BP-5-SUR	Bismuth-212	1.60E+00		1.95E-01	7.21E-02	2.24E+04	2.24E+06
BP-6-SUR	Bismuth-212	1.51E+00		1.74E-01	6.38E-02	2.24E+04	2.24E+06
BP-7-SUR	Bismuth-212	1.64E+00		2.06E-01	8.25E-02	2.24E+04	2.24E+06
BP-8-SUR	Bismuth-212	1.51E+00		1.96E-01	8.40E-02	2.24E+04	2.24E+06
BP-9-SUR	Bismuth-212	1.56E+00		1.96E-01	7.82E-02	2.24E+04	2.24E+06
BP-10-SUR	Bismuth-212	1.56E+00		1.93E-01	7.50E-02	2.24E+04	2.24E+06
BP-11-SUR	Bismuth-212	1.51E+00		1.84E-01	7.02E-02	2.24E+04	2.24E+06
BP-12-SUR	Bismuth-212	1.51E+00		1.92E-01	7.94E-02	2.24E+04	2.24E+06
BP-13-SUR	Bismuth-212	1.56E+00		1.83E-01	7.95E-02	2.24E+04	2.24E+06
BP-14-SUR	Bismuth-212	1.28E+00		1.62E-01	6.92E-02	2.24E+04	2.24E+06
BP-15-SUR	Bismuth-212	1.36E+00		1.78E-01	7.87E-02	2.24E+04	2.24E+06
BP-16-SUR	Bismuth-212	1.35E+00		1.69E-01	7.07E-02	2.24E+04	2.24E+06
BP-17-SUR	Bismuth-212	1.46E+00		1.81E-01	7.06E-02	2.24E+04	2.24E+06
BP-18-SUR	Bismuth-212	1.41E+00		1.81E-01	7.74E-02	2.24E+04	2.24E+06
BP-19-SUR	Bismuth-212	1.54E+00		1.86E-01	8.17E-02	2.24E+04	2.24E+06
BP-20-SUR	Bismuth-212	1.59E+00		2.00E-01	7.92E-02	2.24E+04	2.24E+06
BP-21-SUR	Bismuth-212	1.50E+00		1.97E-01	8.62E-02	2.24E+04	2.24E+06
BP-22-SUR	Bismuth-212	1.51E+00		1.80E-01	8.08E-02	2.24E+04	2.24E+06
BP-23-SUR	Bismuth-212	1.53E+00		1.88E-01	8.62E-02	2.24E+04	2.24E+06
BP-24-SUR	Bismuth-212	1.48E+00		1.77E-01	7.98E-02	2.24E+04	2.24E+06
BP-25-SUR	Bismuth-212	1.36E+00		1.63E-01	7.65E-02	2.24E+04	2.24E+06
BP-26-SUR	Bismuth-212	1.38E+00		1.76E-01	8.43E-02	2.24E+04	2.24E+06
BP-27-SUR	Bismuth-212	1.34E+00		1.64E-01	7.93E-02	2.24E+04	2.24E+06
BP-28-SUR	Bismuth-212	1.20E+00		1.58E-01	8.33E-02	2.24E+04	2.24E+06
BP-29-SUR	Bismuth-212	1.36E+00		1.69E-01	7.91E-02	2.24E+04	2.24E+06
BP-30-SUR	Bismuth-212	1.45E+00		1.84E-01	7.67E-02	2.24E+04	2.24E+06
BP-31-SUR	Bismuth-212	1.46E+00		1.80E-01	8.50E-02	2.24E+04	2.24E+06
BP-32-SUR	Bismuth-212	1.51E+00		1.77E-01	7.81E-02	2.24E+04	2.24E+06
BP-33-SUR	Bismuth-212	1.57E+00		2.06E-01	8.81E-02	2.24E+04	2.24E+06
BP-34-SUR	Bismuth-212	1.48E+00		1.88E-01	9.28E-02	2.24E+04	2.24E+06
BP-35-SUR	Bismuth-212	1.41E+00		1.73E-01	6.85E-02	2.24E+04	2.24E+06
BP-36-SUR	Bismuth-212	1.37E+00		1.71E-01	7.07E-02	2.24E+04	2.24E+06
BP-37-SUR	Bismuth-212	1.37E+00		1.83E-01	8.28E-02	2.24E+04	2.24E+06
BP-38-SUR	Bismuth-212	1.25E+00		1.68E-01	7.82E-02	2.24E+04	2.24E+06
BP-39-SUR	Bismuth-212	1.24E+00		1.58E-01	6.89E-02	2.24E+04	2.24E+06
BP-40-SUR	Bismuth-212	1.16E+00		1.51E-01	7.19E-02	2.24E+04	2.24E+06
BP-41-SUR	Bismuth-212	1.42E+00		1.72E-01	7.82E-02	2.24E+04	2.24E+06
BP-42-SUR	Bismuth-212	1.34E+00		1.79E-01	8.09E-02	2.24E+04	2.24E+06

Table 8 - Bismuth-212 Analytical Results

Sample ID	Analyte	Result (pCi/g)	Qualifier(s)	Uncertainty (+/- pCi/g)	MDC (pCi/g)	Agricultural 10^{-6} PRG (pCi/g)	Agricultural 10^{-4} PRG (pCi/g)
BP-43-SUR	Bismuth-212	1.39E+00		1.70E-01	7.98E-02	2.24E+04	2.24E+06
BP-44-SUR	Bismuth-212	1.35E+00		1.82E-01	8.42E-02	2.24E+04	2.24E+06
BP-45-SUR	Bismuth-212	1.36E+00		1.62E-01	7.30E-02	2.24E+04	2.24E+06
BP-46-SUR	Bismuth-212	1.45E+00		1.81E-01	7.23E-02	2.24E+04	2.24E+06
BP-47-SUR	Bismuth-212	1.58E+00		1.83E-01	7.29E-02	2.24E+04	2.24E+06
BP-48-SUR	Bismuth-212	1.57E+00		2.03E-01	8.63E-02	2.24E+04	2.24E+06
BP-49-SUR	Bismuth-212	1.53E+00		1.82E-01	7.57E-02	2.24E+04	2.24E+06
BP-50-SUR	Bismuth-212	1.42E+00		1.83E-01	7.91E-02	2.24E+04	2.24E+06
BP-51-SUR	Bismuth-212	1.35E+00		1.54E-01	6.27E-02	2.24E+04	2.24E+06
BP-52-SUR	Bismuth-212	1.15E+00		1.46E-01	7.16E-02	2.24E+04	2.24E+06
BP-53-SUR	Bismuth-212	1.20E+00		1.61E-01	7.69E-02	2.24E+04	2.24E+06
BP-54-SUR	Bismuth-212	1.06E+00		1.25E-01	5.65E-02	2.24E+04	2.24E+06
Bridle Path Subsurface Samples (Santa Susana Formation)							
BP-3-SUB	Bismuth-212	1.20E+00		1.46E-01	6.93E-02	2.24E+04	2.24E+06
BP-4-SUB	Bismuth-212	1.26E+00		1.72E-01	8.24E-02	2.24E+04	2.24E+06
BP-5-SUB	Bismuth-212	1.31E+00		1.76E-01	8.02E-02	2.24E+04	2.24E+06
BP-9-SUB	Bismuth-212	1.58E+00		1.77E-01	6.30E-02	2.24E+04	2.24E+06
BP-12-SUB	Bismuth-212	1.43E+00		1.77E-01	7.00E-02	2.24E+04	2.24E+06
BP-13-SUB	Bismuth-212	1.52E+00		1.80E-01	7.87E-02	2.24E+04	2.24E+06
BP-14-SUB	Bismuth-212	1.10E+00		1.53E-01	7.84E-02	2.24E+04	2.24E+06
BP-16-SUB	Bismuth-212	1.49E+00		1.64E-01	5.84E-02	2.24E+04	2.24E+06
BP-20-SUB	Bismuth-212	1.18E+00		1.63E-01	7.99E-02	2.24E+04	2.24E+06
BP-23-SUB	Bismuth-212	1.30E+00		1.54E-01	6.58E-02	2.24E+04	2.24E+06
BP-29-SUB	Bismuth-212	1.96E+00		8.16E-01	5.76E-01	2.24E+04	2.24E+06
BP-34-SUB	Bismuth-212	1.71E+00		2.12E-01	8.25E-02	2.24E+04	2.24E+06
BP-35-SUB	Bismuth-212	1.52E+00		1.67E-01	5.90E-02	2.24E+04	2.24E+06
BP-38-SUB	Bismuth-212	1.19E+00		1.58E-01	7.77E-02	2.24E+04	2.24E+06
BP-43-SUB	Bismuth-212	1.15E+00		1.53E-01	8.18E-02	2.24E+04	2.24E+06
BP-45-SUB	Bismuth-212	1.51E+00		1.91E-01	7.98E-02	2.24E+04	2.24E+06
BP-46-SUB	Bismuth-212	1.67E+00		1.98E-01	8.67E-02	2.24E+04	2.24E+06
BP-48-SUB	Bismuth-212	1.26E+00		1.65E-01	7.46E-02	2.24E+04	2.24E+06
BP-50-SUB	Bismuth-212	1.34E+00		1.67E-01	7.97E-02	2.24E+04	2.24E+06
BP-51-SUB	Bismuth-212	1.87E+00		2.28E-01	8.07E-02	2.24E+04	2.24E+06

Notes:

pCi/g - Picocuries per gram of dry soil. Analyses for H-3, C-14, Tc-99, and I-129 are reported in units of pCi per gram of "as-received" soil.

MDC - Minimum Detectable Concentration

PRG - Preliminary Remediation Goal

Uncertainty - Reported at the 1.96σ Confidence Interval. Gamma Spec. Reported at the 2σ Confidence Interval.

Data Qualifiers:

B - Analyte present, but not detected substantially above the level reported in laboratory or field blanks.

J - The analyte was detected at the reported concentration: the quantitation is an estimate.

K - Analyte present. Reported value may be biased high. Actual value is expected to be lower.

L - Analyte present. Reported value may be biased low. Actual value is expected to be higher.

R - The result is rejected due to serious deficiences in the ability to analyze the sample and meet the Quality Control criteria.

U - Not considered detected. The associated number is the reported concentration.

UJ - Not considered detected. The associated number is the reported concentration which may be inaccurate.

UL - Not considered detected. The associated number is the reported concentration which may be inaccurate due to a low bias.

X - Excluded. The data point is associated with reanalyses or diluted analyses and is excluded because another result has been selecetd as the definitive result for the analyte

These results are qualified based on the usability of the data for its intended purpose, which is to develop a statistical profile against which to compare individual on-site sample results, to determine the extent of potential site contamination that may be attributable to site activities.

Table 9 - Bismuth-214 Analytical Results

Sample ID	Analyte	Result (pCi/g)	Qualifier(s)	Uncertainty (+/- pCi/g)	MDC (pCi/g)	Agricultural 10^{-6} PRG (pCi/g)	Agricultural 10^{-4} PRG (pCi/g)
Lang Ranch Surface Samples (Chatsworth Formation)							
LR-1-SUR	Bismuth-214	1.15E+00		1.28E-01	1.56E-02	8.19E+03	8.19E+05
LR-2-SUR	Bismuth-214	1.14E+00		1.26E-01	1.48E-02	8.19E+03	8.19E+05
LR-3-SUR	Bismuth-214	1.19E+00		1.31E-01	1.65E-02	8.19E+03	8.19E+05
LR-4-SUR	Bismuth-214	1.07E+00		1.18E-01	1.51E-02	8.19E+03	8.19E+05
LR-5-SUR	Bismuth-214	1.21E+00		1.34E-01	1.57E-02	8.19E+03	8.19E+05
LR-6-SUR	Bismuth-214	1.20E+00		1.32E-01	1.61E-02	8.19E+03	8.19E+05
LR-7-SUR	Bismuth-214	1.05E+00		1.17E-01	1.59E-02	8.19E+03	8.19E+05
LR-8-SUR	Bismuth-214	1.08E+00		1.20E-01	1.45E-02	8.19E+03	8.19E+05
LR-9-SUR	Bismuth-214	1.14E+00		1.26E-01	1.73E-02	8.19E+03	8.19E+05
LR-10-SUR	Bismuth-214	1.02E+00		1.14E-01	1.55E-02	8.19E+03	8.19E+05
LR-11-SUR	Bismuth-214	1.06E+00		1.19E-01	1.68E-02	8.19E+03	8.19E+05
LR-12-SUR	Bismuth-214	1.06E+00		1.18E-01	1.72E-02	8.19E+03	8.19E+05
LR-13-SUR	Bismuth-214	1.05E+00		1.16E-01	1.44E-02	8.19E+03	8.19E+05
LR-14-SUR	Bismuth-214	9.61E-01		1.07E-01	1.60E-02	8.19E+03	8.19E+05
LR-15-SUR	Bismuth-214	1.07E+00		1.19E-01	1.77E-02	8.19E+03	8.19E+05
LR-16-SUR	Bismuth-214	1.01E+00		1.12E-01	1.50E-02	8.19E+03	8.19E+05
LR-17-SUR	Bismuth-214	9.48E-01		1.05E-01	1.48E-02	8.19E+03	8.19E+05
LR-18-SUR	Bismuth-214	1.11E+00		1.23E-01	1.43E-02	8.19E+03	8.19E+05
LR-19-SUR	Bismuth-214	1.23E+00		1.36E-01	1.63E-02	8.19E+03	8.19E+05
LR-20-SUR	Bismuth-214	1.17E+00		1.30E-01	1.74E-02	8.19E+03	8.19E+05
LR-21-SUR	Bismuth-214	1.13E+00		1.26E-01	1.65E-02	8.19E+03	8.19E+05
LR-22-SUR	Bismuth-214	1.11E+00		1.23E-01	1.66E-02	8.19E+03	8.19E+05
LR-23-SUR	Bismuth-214	1.11E+00		1.23E-01	1.68E-02	8.19E+03	8.19E+05
LR-24-SUR	Bismuth-214	1.10E+00		1.22E-01	1.57E-02	8.19E+03	8.19E+05
LR-25-SUR	Bismuth-214	1.19E+00		1.32E-01	1.78E-02	8.19E+03	8.19E+05
LR-26-SUR	Bismuth-214	1.17E+00		1.30E-01	1.76E-02	8.19E+03	8.19E+05
LR-27-SUR	Bismuth-214	1.09E+00		1.21E-01	1.46E-02	8.19E+03	8.19E+05
Lang Ranch Subsurface Samples (Chatsworth Formation)							
LR-3-SUB	Bismuth-214	1.16E+00		1.28E-01	1.64E-02	8.19E+03	8.19E+05
LR-4-SUB	Bismuth-214	1.04E+00		1.15E-01	1.37E-02	8.19E+03	8.19E+05
LR-9-SUB	Bismuth-214	9.45E-01		1.05E-01	1.49E-02	8.19E+03	8.19E+05
LR-13-SUB	Bismuth-214	1.10E+00		1.21E-01	1.59E-02	8.19E+03	8.19E+05
LR-15-SUB	Bismuth-214	1.13E+00		1.26E-01	1.68E-02	8.19E+03	8.19E+05
LR-18-SUB	Bismuth-214	1.03E+00		1.16E-01	1.71E-02	8.19E+03	8.19E+05
LR-19-SUB	Bismuth-214	1.13E+00		1.26E-01	1.60E-02	8.19E+03	8.19E+05
LR-23-SUB	Bismuth-214	1.20E+00		1.33E-01	1.44E-02	8.19E+03	8.19E+05
LR-24-SUB	Bismuth-214	1.06E+00		1.18E-01	1.57E-02	8.19E+03	8.19E+05
LR-26-SUB	Bismuth-214	9.63E-01		1.08E-01	1.58E-02	8.19E+03	8.19E+05
Rocky Peak Surface Samples (Chatsworth Formation)							
RP-1-SUR	Bismuth-214	6.77E-01		7.59E-02	1.36E-02	8.19E+03	8.19E+05
RP-2-SUR	Bismuth-214	7.13E-01		8.01E-02	1.42E-02	8.19E+03	8.19E+05
RP-3-SUR	Bismuth-214	6.41E-01		7.25E-02	1.29E-02	8.19E+03	8.19E+05
RP-4-SUR	Bismuth-214	6.89E-01		7.68E-02	1.25E-02	8.19E+03	8.19E+05
RP-5-SUR	Bismuth-214	7.39E-01		8.25E-02	1.35E-02	8.19E+03	8.19E+05
RP-6-SUR	Bismuth-214	7.50E-01		8.32E-02	1.23E-02	8.19E+03	8.19E+05
RP-7-SUR	Bismuth-214	7.09E-01		7.97E-02	1.29E-02	8.19E+03	8.19E+05
RP-8-SUR	Bismuth-214	7.51E-01		8.45E-02	1.34E-02	8.19E+03	8.19E+05
RP-9-SUR	Bismuth-214	7.13E-01		7.34E-02	1.05E-02	8.19E+03	8.19E+05
RP-10-SUR	Bismuth-214	8.50E-01		9.43E-02	1.27E-02	8.19E+03	8.19E+05
RP-11-SUR	Bismuth-214	7.40E-01		8.33E-02	1.35E-02	8.19E+03	8.19E+05
RP-12-SUR	Bismuth-214	6.77E-01		7.58E-02	1.31E-02	8.19E+03	8.19E+05
RP-13-SUR	Bismuth-214	6.85E-01		7.64E-02	1.20E-02	8.19E+03	8.19E+05
RP-14-SUR	Bismuth-214	7.42E-01		8.27E-02	1.31E-02	8.19E+03	8.19E+05
RP-15-SUR	Bismuth-214	7.64E-01		8.48E-02	1.21E-02	8.19E+03	8.19E+05
RP-16-SUR	Bismuth-214	7.29E-01		8.11E-02	1.23E-02	8.19E+03	8.19E+05
RP-17-SUR	Bismuth-214	7.59E-01		8.43E-02	1.27E-02	8.19E+03	8.19E+05
RP-18-SUR	Bismuth-214	8.21E-01		9.11E-02	1.27E-02	8.19E+03	8.19E+05
RP-19-SUR	Bismuth-214	8.21E-01		9.09E-02	1.21E-02	8.19E+03	8.19E+05
RP-20-SUR	Bismuth-214	7.41E-01		8.33E-02	1.36E-02	8.19E+03	8.19E+05
RP-21-SUR	Bismuth-214	6.89E-01		7.70E-02	1.26E-02	8.19E+03	8.19E+05

Table 9 - Bismuth-214 Analytical Results

Sample ID	Analyte	Result (pCi/g)	Qualifier(s)	Uncertainty (+/- pCi/g)	MDC (pCi/g)	Agricultural 10^{-6} PRG (pCi/g)	Agricultural 10^{-4} PRG (pCi/g)
RP-22-SUR	Bismuth-214	6.86E-01		7.65E-02	1.24E-02	8.19E+03	8.19E+05
RP-23-SUR	Bismuth-214	7.03E-01		7.91E-02	1.30E-02	8.19E+03	8.19E+05
RP-24-SUR	Bismuth-214	7.34E-01		8.14E-02	1.17E-02	8.19E+03	8.19E+05
RP-25-SUR	Bismuth-214	7.75E-01		8.62E-02	1.34E-02	8.19E+03	8.19E+05
RP-26-SUR	Bismuth-214	7.78E-01		8.72E-02	1.50E-02	8.19E+03	8.19E+05
RP-27-SUR	Bismuth-214	8.06E-01		8.99E-02	1.44E-02	8.19E+03	8.19E+05
RP-28-SUR	Bismuth-214	7.99E-01		8.90E-02	1.42E-02	8.19E+03	8.19E+05
Rocky Peak Subsurface Samples (Chatsworth Formation)							
RP-1-SUB	Bismuth-214	6.47E-01		7.20E-02	1.18E-02	8.19E+03	8.19E+05
RP-5-SUB	Bismuth-214	7.58E-01		8.45E-02	1.35E-02	8.19E+03	8.19E+05
RP-7-SUB	Bismuth-214	7.74E-01		8.67E-02	1.48E-02	8.19E+03	8.19E+05
RP-12-SUB	Bismuth-214	6.58E-01		7.39E-02	1.31E-02	8.19E+03	8.19E+05
RP-13-SUB	Bismuth-214	7.83E-01		8.72E-02	1.35E-02	8.19E+03	8.19E+05
RP-17-SUB	Bismuth-214	7.95E-01		8.88E-02	1.48E-02	8.19E+03	8.19E+05
RP-18-SUB	Bismuth-214	8.50E-01		9.47E-02	1.45E-02	8.19E+03	8.19E+05
RP-19-SUB	Bismuth-214	8.32E-01		9.25E-02	1.36E-02	8.19E+03	8.19E+05
RP-20-SUB	Bismuth-214	8.04E-01		8.98E-02	1.45E-02	8.19E+03	8.19E+05
RP-28-SUB	Bismuth-214	7.86E-01		8.73E-02	1.30E-02	8.19E+03	8.19E+05
Bridle Path Surface Samples (Santa Susana Formation)							
BP-1-SUR	Bismuth-214	1.39E+00		1.53E-01	1.51E-02	8.19E+03	8.19E+05
BP-2-SUR	Bismuth-214	1.41E+00		1.56E-01	1.80E-02	8.19E+03	8.19E+05
BP-3-SUR	Bismuth-214	1.36E+00		1.50E-01	1.73E-02	8.19E+03	8.19E+05
BP-4-SUR	Bismuth-214	1.53E+00		1.68E-01	1.60E-02	8.19E+03	8.19E+05
BP-5-SUR	Bismuth-214	1.53E+00		1.68E-01	1.80E-02	8.19E+03	8.19E+05
BP-6-SUR	Bismuth-214	1.52E+00		1.67E-01	1.71E-02	8.19E+03	8.19E+05
BP-7-SUR	Bismuth-214	1.57E+00		1.73E-01	1.65E-02	8.19E+03	8.19E+05
BP-8-SUR	Bismuth-214	1.55E+00		1.71E-01	1.76E-02	8.19E+03	8.19E+05
BP-9-SUR	Bismuth-214	1.55E+00		1.70E-01	1.71E-02	8.19E+03	8.19E+05
BP-10-SUR	Bismuth-214	1.53E+00		1.68E-01	1.73E-02	8.19E+03	8.19E+05
BP-11-SUR	Bismuth-214	1.51E+00		1.66E-01	1.59E-02	8.19E+03	8.19E+05
BP-12-SUR	Bismuth-214	1.48E+00		1.62E-01	1.68E-02	8.19E+03	8.19E+05
BP-13-SUR	Bismuth-214	1.54E+00		1.58E-01	1.78E-02	8.19E+03	8.19E+05
BP-14-SUR	Bismuth-214	1.28E+00		1.41E-01	1.62E-02	8.19E+03	8.19E+05
BP-15-SUR	Bismuth-214	1.35E+00		1.49E-01	1.62E-02	8.19E+03	8.19E+05
BP-16-SUR	Bismuth-214	1.35E+00		1.48E-01	1.64E-02	8.19E+03	8.19E+05
BP-17-SUR	Bismuth-214	1.40E+00		1.54E-01	1.70E-02	8.19E+03	8.19E+05
BP-18-SUR	Bismuth-214	1.36E+00		1.50E-01	1.65E-02	8.19E+03	8.19E+05
BP-19-SUR	Bismuth-214	1.42E+00		1.46E-01	1.79E-02	8.19E+03	8.19E+05
BP-20-SUR	Bismuth-214	1.52E+00		1.67E-01	1.84E-02	8.19E+03	8.19E+05
BP-21-SUR	Bismuth-214	1.51E+00		1.66E-01	1.73E-02	8.19E+03	8.19E+05
BP-22-SUR	Bismuth-214	1.51E+00		1.55E-01	1.77E-02	8.19E+03	8.19E+05
BP-23-SUR	Bismuth-214	1.47E+00		1.51E-01	1.89E-02	8.19E+03	8.19E+05
BP-24-SUR	Bismuth-214	1.49E+00		1.53E-01	1.83E-02	8.19E+03	8.19E+05
BP-25-SUR	Bismuth-214	1.38E+00		1.42E-01	1.75E-02	8.19E+03	8.19E+05
BP-26-SUR	Bismuth-214	1.32E+00		1.36E-01	1.73E-02	8.19E+03	8.19E+05
BP-27-SUR	Bismuth-214	1.36E+00		1.40E-01	1.83E-02	8.19E+03	8.19E+05
BP-28-SUR	Bismuth-214	1.30E+00		1.34E-01	1.75E-02	8.19E+03	8.19E+05
BP-29-SUR	Bismuth-214	1.26E+00		1.30E-01	1.64E-02	8.19E+03	8.19E+05
BP-30-SUR	Bismuth-214	1.37E+00		1.52E-01	1.52E-02	8.19E+03	8.19E+05
BP-31-SUR	Bismuth-214	1.39E+00		1.44E-01	1.85E-02	8.19E+03	8.19E+05
BP-32-SUR	Bismuth-214	1.42E+00		1.46E-01	1.76E-02	8.19E+03	8.19E+05
BP-33-SUR	Bismuth-214	1.41E+00		1.56E-01	1.55E-02	8.19E+03	8.19E+05
BP-34-SUR	Bismuth-214	1.44E+00		1.47E-01	1.67E-02	8.19E+03	8.19E+05
BP-35-SUR	Bismuth-214	1.25E+00		1.39E-01	1.59E-02	8.19E+03	8.19E+05
BP-36-SUR	Bismuth-214	1.24E+00		1.38E-01	1.55E-02	8.19E+03	8.19E+05
BP-37-SUR	Bismuth-214	1.15E+00		1.28E-01	1.58E-02	8.19E+03	8.19E+05
BP-38-SUR	Bismuth-214	1.03E+00		1.15E-01	1.46E-02	8.19E+03	8.19E+05
BP-39-SUR	Bismuth-214	1.02E+00		1.14E-01	1.50E-02	8.19E+03	8.19E+05
BP-40-SUR	Bismuth-214	1.13E+00		1.27E-01	1.67E-02	8.19E+03	8.19E+05
BP-41-SUR	Bismuth-214	1.19E+00		1.23E-01	1.67E-02	8.19E+03	8.19E+05
BP-42-SUR	Bismuth-214	1.19E+00		1.33E-01	1.61E-02	8.19E+03	8.19E+05

Table 9 - Bismuth-214 Analytical Results

Sample ID	Analyte	Result (pCi/g)	Qualifier(s)	Uncertainty (+/- pCi/g)	MDC (pCi/g)	Agricultural 10^{-6} PRG (pCi/g)	Agricultural 10^{-4} PRG (pCi/g)
BP-43-SUR	Bismuth-214	1.19E+00		1.23E-01	1.63E-02	8.19E+03	8.19E+05
BP-44-SUR	Bismuth-214	1.20E+00		1.33E-01	1.47E-02	8.19E+03	8.19E+05
BP-45-SUR	Bismuth-214	1.16E+00		1.19E-01	1.61E-02	8.19E+03	8.19E+05
BP-46-SUR	Bismuth-214	1.12E+00		1.25E-01	1.68E-02	8.19E+03	8.19E+05
BP-47-SUR	Bismuth-214	1.33E+00		1.36E-01	1.43E-02	8.19E+03	8.19E+05
BP-48-SUR	Bismuth-214	1.30E+00		1.44E-01	1.71E-02	8.19E+03	8.19E+05
BP-49-SUR	Bismuth-214	1.23E+00		1.26E-01	1.56E-02	8.19E+03	8.19E+05
BP-50-SUR	Bismuth-214	1.20E+00		1.33E-01	1.70E-02	8.19E+03	8.19E+05
BP-51-SUR	Bismuth-214	1.20E+00		1.22E-01	1.28E-02	8.19E+03	8.19E+05
BP-52-SUR	Bismuth-214	1.04E+00		1.07E-01	1.37E-02	8.19E+03	8.19E+05
BP-53-SUR	Bismuth-214	9.66E-01		1.08E-01	1.60E-02	8.19E+03	8.19E+05
BP-54-SUR	Bismuth-214	9.12E-01		9.36E-02	1.13E-02	8.19E+03	8.19E+05
Bridle Path Subsurface Samples (Santa Susana Formation)							
BP-3-SUB	Bismuth-214	9.57E-01		9.88E-02	1.42E-02	8.19E+03	8.19E+05
BP-4-SUB	Bismuth-214	9.92E-01		1.11E-01	1.50E-02	8.19E+03	8.19E+05
BP-5-SUB	Bismuth-214	1.00E+00		1.12E-01	1.54E-02	8.19E+03	8.19E+05
BP-9-SUB	Bismuth-214	1.05E+00		1.08E-01	1.41E-02	8.19E+03	8.19E+05
BP-12-SUB	Bismuth-214	1.16E+00		1.29E-01	1.49E-02	8.19E+03	8.19E+05
BP-13-SUB	Bismuth-214	1.21E+00		1.24E-01	1.63E-02	8.19E+03	8.19E+05
BP-14-SUB	Bismuth-214	1.01E+00		1.13E-01	1.62E-02	8.19E+03	8.19E+05
BP-16-SUB	Bismuth-214	1.14E+00		1.17E-01	1.37E-02	8.19E+03	8.19E+05
BP-20-SUB	Bismuth-214	9.00E-01		1.01E-01	1.54E-02	8.19E+03	8.19E+05
BP-23-SUB	Bismuth-214	1.00E+00		1.03E-01	1.28E-02	8.19E+03	8.19E+05
BP-29-SUB	Bismuth-214	9.71E-01		2.78E-01	1.58E-01	8.19E+03	8.19E+05
BP-34-SUB	Bismuth-214	1.21E+00		1.34E-01	1.58E-02	8.19E+03	8.19E+05
BP-35-SUB	Bismuth-214	1.12E+00		1.14E-01	1.31E-02	8.19E+03	8.19E+05
BP-38-SUB	Bismuth-214	9.44E-01		1.07E-01	1.80E-02	8.19E+03	8.19E+05
BP-43-SUB	Bismuth-214	1.06E+00		1.10E-01	1.75E-02	8.19E+03	8.19E+05
BP-45-SUB	Bismuth-214	1.08E+00		1.20E-01	1.60E-02	8.19E+03	8.19E+05
BP-46-SUB	Bismuth-214	1.15E+00		1.20E-01	1.97E-02	8.19E+03	8.19E+05
BP-48-SUB	Bismuth-214	9.14E-01		1.02E-01	1.49E-02	8.19E+03	8.19E+05
BP-50-SUB	Bismuth-214	9.87E-01		1.02E-01	1.60E-02	8.19E+03	8.19E+05
BP-51-SUB	Bismuth-214	1.30E+00		1.45E-01	1.58E-02	8.19E+03	8.19E+05

Notes:

pCi/g - Picocuries per gram of dry soil. Analyses for H-3, C-14, Tc-99, and I-129 are reported in units of pCi per gram of "as-received" soil.

MDC - Minimum Detectable Concentration

PRG - Preliminary Remediation Goal

Uncertainty - Reported at the 1.96σ Confidence Interval. Gamma Spec. Reported at the 2σ Confidence Interval.

Data Qualifiers:

B - Analyte present, but not detected substantially above the level reported in laboratory or field blanks.

J - The analyte was detected at the reported concentration: the quantitation is an estimate.

K - Analyte present. Reported value may be biased high. Actual value is expected to be lower.

L - Analyte present. Reported value may be biased low. Actual value is expected to be higher.

R - The result is rejected due to serious deficiences in the ability to analyze the sample and meet the Quality Control criteria.

U - Not considered detected. The associated number is the reported concentration.

UJ - Not considered detected. The associated number is the reported concentration which may be inaccurate.

UL - Not considered detected. The associated number is the reported concentration which may be inaccurate due to a low bias.

X - Excluded. The data point is associated with reanalyses or diluted analyses and is excluded because another result has been selecetd as the definitive result for the analyte

These results are qualified based on the usability of the data for its intended purpose, which is to develop a statistical profile against which to compare individual on-site sample results, to determine the extent of potential site contamination that may be attributable to site activities.

Table 10 - Cadmium-113m Analytical Results

Sample ID	Analyte	Result (pCi/g)	Qualifier(s)	Uncertainty (+/- pCi/g)	MDC (pCi/g)	Agricultural 10^{-6} PRG (pCi/g)	Agricultural 10^{-4} PRG (pCi/g)
Lang Ranch Surface Samples (Chatsworth Formation)							
LR-1-SUR	Cadmium-113m	-8.34E+02	U	3.25E+03	3.41E+03	5.26E-03	5.26E-01
LR-2-SUR	Cadmium-113m	-1.20E+03	U	2.80E+03	3.38E+03	5.26E-03	5.26E-01
LR-3-SUR	Cadmium-113m	2.75E+03		2.47E+03	2.86E+03	5.26E-03	5.26E-01
LR-4-SUR	Cadmium-113m	3.42E+01	U	1.78E+03	2.95E+03	5.26E-03	5.26E-01
LR-5-SUR	Cadmium-113m	-5.46E+02	U	4.21E+03	3.43E+03	5.26E-03	5.26E-01
LR-6-SUR	Cadmium-113m	6.71E+02	U	2.11E+03	3.48E+03	5.26E-03	5.26E-01
LR-7-SUR	Cadmium-113m	-1.63E+01	U	1.74E+03	2.43E+03	5.26E-03	5.26E-01
LR-8-SUR	Cadmium-113m	-2.05E+02	U	2.99E+04	2.67E+03	5.26E-03	5.26E-01
LR-9-SUR	Cadmium-113m	6.67E+01	U	1.95E+03	3.23E+03	5.26E-03	5.26E-01
LR-10-SUR	Cadmium-113m	1.05E+03	U	2.15E+03	3.55E+03	5.26E-03	5.26E-01
LR-11-SUR	Cadmium-113m	-4.81E+02	U	2.15E+03	3.55E+03	5.26E-03	5.26E-01
LR-12-SUR	Cadmium-113m	3.36E+02	U	2.01E+03	3.33E+03	5.26E-03	5.26E-01
LR-13-SUR	Cadmium-113m	3.83E+02	U	1.94E+03	3.21E+03	5.26E-03	5.26E-01
LR-14-SUR	Cadmium-113m	5.68E+02	U	1.89E+03	3.12E+03	5.26E-03	5.26E-01
LR-15-SUR	Cadmium-113m	1.94E+01	U	2.13E+03	3.53E+03	5.26E-03	5.26E-01
LR-16-SUR	Cadmium-113m	-1.66E+02	U	6.40E+03	1.06E+04	5.26E-03	5.26E-01
LR-17-SUR	Cadmium-113m	1.73E+03	U	2.09E+03	2.48E+03	5.26E-03	5.26E-01
LR-18-SUR	Cadmium-113m	4.69E+02	U	2.00E+03	3.31E+03	5.26E-03	5.26E-01
LR-19-SUR	Cadmium-113m	-1.37E+02	U	1.69E+06	3.55E+03	5.26E-03	5.26E-01
LR-20-SUR	Cadmium-113m	1.42E+03	U	2.14E+03	3.53E+03	5.26E-03	5.26E-01
LR-21-SUR	Cadmium-113m	-6.64E+02	U	3.23E+03	3.50E+03	5.26E-03	5.26E-01
LR-22-SUR	Cadmium-113m	1.04E+03	U	2.07E+03	3.41E+03	5.26E-03	5.26E-01
LR-23-SUR	Cadmium-113m	-2.36E+02	U	7.03E+03	3.39E+03	5.26E-03	5.26E-01
LR-24-SUR	Cadmium-113m	-1.52E+02	U	2.27E+04	3.33E+03	5.26E-03	5.26E-01
LR-25-SUR	Cadmium-113m	1.26E+03	U	2.11E+03	3.48E+03	5.26E-03	5.26E-01
LR-26-SUR	Cadmium-113m	-8.37E+02	U	2.90E+03	3.45E+03	5.26E-03	5.26E-01
LR-27-SUR	Cadmium-113m	-3.56E+02	U	3.16E+04	2.75E+03	5.26E-03	5.26E-01
Lang Ranch Subsurface Samples (Chatsworth Formation)							
LR-3-SUB	Cadmium-113m	3.78E+02	U	2.08E+03	3.44E+03	5.26E-03	5.26E-01
LR-4-SUB	Cadmium-113m	-2.56E+02	U	5.27E+03	3.22E+03	5.26E-03	5.26E-01
LR-9-SUB	Cadmium-113m	5.93E+02	U	2.01E+03	3.32E+03	5.26E-03	5.26E-01
LR-13-SUB	Cadmium-113m	-1.19E+03	U	3.61E+03	3.41E+03	5.26E-03	5.26E-01
LR-15-SUB	Cadmium-113m	4.62E+01	U	2.38E+03	3.93E+03	5.26E-03	5.26E-01
LR-18-SUB	Cadmium-113m	-6.11E+01	U	2.19E+03	3.63E+03	5.26E-03	5.26E-01
LR-19-SUB	Cadmium-113m	-1.35E+03	U	2.12E+03	3.49E+03	5.26E-03	5.26E-01
LR-23-SUB	Cadmium-113m	-7.17E+01	U	7.98E+03	3.68E+03	5.26E-03	5.26E-01
LR-24-SUB	Cadmium-113m	3.35E+03		2.53E+03	2.79E+03	5.26E-03	5.26E-01
LR-26-SUB	Cadmium-113m	1.70E+02	U	2.10E+03	3.47E+03	5.26E-03	5.26E-01
Rocky Peak Surface Samples (Chatsworth Formation)							
RP-1-SUR	Cadmium-113m	1.83E+02	U	1.70E+03	2.82E+03	5.26E-03	5.26E-01
RP-2-SUR	Cadmium-113m	-6.93E+02	U	2.23E+03	2.91E+03	5.26E-03	5.26E-01
RP-3-SUR	Cadmium-113m	-4.46E+02	U	2.26E+03	2.91E+03	5.26E-03	5.26E-01
RP-4-SUR	Cadmium-113m	1.09E+03	U	1.70E+03	2.81E+03	5.26E-03	5.26E-01
RP-5-SUR	Cadmium-113m	-4.37E+02	U	2.52E+03	2.89E+03	5.26E-03	5.26E-01
RP-6-SUR	Cadmium-113m	1.16E+02	U	1.42E+03	2.36E+03	5.26E-03	5.26E-01
RP-7-SUR	Cadmium-113m	-9.82E+02	U	1.83E+03	2.67E+03	5.26E-03	5.26E-01
RP-8-SUR	Cadmium-113m	-5.07E+02	U	1.96E+03	2.54E+03	5.26E-03	5.26E-01
RP-9-SUR	Cadmium-113m	4.75E+02	U	1.46E+03	2.42E+03	5.26E-03	5.26E-01
RP-10-SUR	Cadmium-113m	4.13E+02	U	1.75E+03	2.90E+03	5.26E-03	5.26E-01
RP-11-SUR	Cadmium-113m	3.92E+02	U	1.81E+03	3.00E+03	5.26E-03	5.26E-01
RP-12-SUR	Cadmium-113m	-2.06E+01	U	2.73E+03	2.54E+03	5.26E-03	5.26E-01
RP-13-SUR	Cadmium-113m	4.97E+02	U	1.62E+03	2.67E+03	5.26E-03	5.26E-01
RP-14-SUR	Cadmium-113m	-9.68E+01	U	1.30E+04	2.76E+03	5.26E-03	5.26E-01
RP-15-SUR	Cadmium-113m	-4.70E+02	U	2.01E+03	2.40E+03	5.26E-03	5.26E-01
RP-16-SUR	Cadmium-113m	7.94E+01	U	1.67E+03	2.77E+03	5.26E-03	5.26E-01
RP-17-SUR	Cadmium-113m	-8.22E+02	U	1.96E+03	2.69E+03	5.26E-03	5.26E-01
RP-18-SUR	Cadmium-113m	2.55E+02	U	1.75E+03	2.89E+03	5.26E-03	5.26E-01
RP-19-SUR	Cadmium-113m	-1.15E+02	U	2.11E+03	2.93E+03	5.26E-03	5.26E-01
RP-20-SUR	Cadmium-113m	2.89E+01	U	1.89E+03	3.14E+03	5.26E-03	5.26E-01
RP-21-SUR	Cadmium-113m	-1.85E+02	U	9.55E+03	2.78E+03	5.26E-03	5.26E-01

Table 10 - Cadmium-113m Analytical Results

Sample ID	Analyte	Result (pCi/g)	Qualifier(s)	Uncertainty (+/- pCi/g)	MDC (pCi/g)	Agricultural 10^{-6} PRG (pCi/g)	Agricultural 10^{-4} PRG (pCi/g)
RP-22-SUR	Cadmium-113m	-2.32E+02	U	6.09E+03	2.82E+03	5.26E-03	5.26E-01
RP-23-SUR	Cadmium-113m	-7.31E+02	U	1.89E+03	3.12E+03	5.26E-03	5.26E-01
RP-24-SUR	Cadmium-113m	-2.89E+02	U	2.93E+03	2.67E+03	5.26E-03	5.26E-01
RP-25-SUR	Cadmium-113m	-4.45E+02	U	2.73E+03	2.97E+03	5.26E-03	5.26E-01
RP-26-SUR	Cadmium-113m	-7.61E+02	U	2.24E+03	2.93E+03	5.26E-03	5.26E-01
RP-27-SUR	Cadmium-113m	9.50E+02	U	1.80E+03	2.97E+03	5.26E-03	5.26E-01
RP-28-SUR	Cadmium-113m	-5.50E+02	U	2.21E+03	2.61E+03	5.26E-03	5.26E-01
Rocky Peak Subsurface Samples (Chatsworth Formation)							
RP-1-SUB	Cadmium-113m	5.71E+02	U	1.66E+03	2.75E+03	5.26E-03	5.26E-01
RP-5-SUB	Cadmium-113m	-1.27E+01	U	1.79E+03	2.97E+03	5.26E-03	5.26E-01
RP-7-SUB	Cadmium-113m	-7.77E+01	U	1.68E+03	2.78E+03	5.26E-03	5.26E-01
RP-12-SUB	Cadmium-113m	-2.51E+02	U	1.53E+03	2.53E+03	5.26E-03	5.26E-01
RP-13-SUB	Cadmium-113m	3.37E+02	U	1.76E+03	2.92E+03	5.26E-03	5.26E-01
RP-17-SUB	Cadmium-113m	2.27E+03		1.82E+03	2.24E+03	5.26E-03	5.26E-01
RP-18-SUB	Cadmium-113m	1.21E+03	U	1.85E+03	3.04E+03	5.26E-03	5.26E-01
RP-19-SUB	Cadmium-113m	-6.06E+02	U	2.41E+03	2.98E+03	5.26E-03	5.26E-01
RP-20-SUB	Cadmium-113m	-1.38E+02	U	1.74E+03	2.88E+03	5.26E-03	5.26E-01
RP-28-SUB	Cadmium-113m	-5.70E+01	U	1.75E+03	2.90E+03	5.26E-03	5.26E-01
Bridle Path Surface Samples (Santa Susana Formation)							
BP-1-SUR	Cadmium-113m	8.00E+02	U	1.81E+03	2.98E+03	5.26E-03	5.26E-01
BP-2-SUR	Cadmium-113m	5.67E+02	U	2.20E+03	3.63E+03	5.26E-03	5.26E-01
BP-3-SUR	Cadmium-113m	1.03E+03	U	2.18E+03	3.59E+03	5.26E-03	5.26E-01
BP-4-SUR	Cadmium-113m	5.91E+02	U	2.27E+03	3.75E+03	5.26E-03	5.26E-01
BP-5-SUR	Cadmium-113m	5.69E+02	U	2.19E+03	3.62E+03	5.26E-03	5.26E-01
BP-6-SUR	Cadmium-113m	6.31E+02	U	2.19E+03	3.63E+03	5.26E-03	5.26E-01
BP-7-SUR	Cadmium-113m	2.87E+02	U	1.84E+03	3.04E+03	5.26E-03	5.26E-01
BP-8-SUR	Cadmium-113m	2.13E+02	U	2.26E+03	3.74E+03	5.26E-03	5.26E-01
BP-9-SUR	Cadmium-113m	7.88E+01	U	2.29E+03	3.79E+03	5.26E-03	5.26E-01
BP-10-SUR	Cadmium-113m	1.69E+02	U	2.28E+03	3.78E+03	5.26E-03	5.26E-01
BP-11-SUR	Cadmium-113m	-6.32E+02	U	2.25E+03	3.72E+03	5.26E-03	5.26E-01
BP-12-SUR	Cadmium-113m	1.19E+03	U	2.23E+03	3.68E+03	5.26E-03	5.26E-01
BP-13-SUR	Cadmium-113m	-6.91E+02	U	4.32E+03	3.97E+03	5.26E-03	5.26E-01
BP-14-SUR	Cadmium-113m	9.45E+02	U	2.12E+03	3.50E+03	5.26E-03	5.26E-01
BP-15-SUR	Cadmium-113m	7.64E+02	U	2.16E+03	3.57E+03	5.26E-03	5.26E-01
BP-16-SUR	Cadmium-113m	-1.21E+02	U	2.20E+03	3.65E+03	5.26E-03	5.26E-01
BP-17-SUR	Cadmium-113m	4.77E+02	U	1.63E+03	2.69E+03	5.26E-03	5.26E-01
BP-18-SUR	Cadmium-113m	1.10E+03	U	2.06E+03	3.39E+03	5.26E-03	5.26E-01
BP-19-SUR	Cadmium-113m	6.05E+02	U	2.04E+03	3.37E+03	5.26E-03	5.26E-01
BP-20-SUR	Cadmium-113m	-3.07E+02	U	2.28E+03	3.78E+03	5.26E-03	5.26E-01
BP-21-SUR	Cadmium-113m	9.59E+01	U	2.23E+03	3.69E+03	5.26E-03	5.26E-01
BP-22-SUR	Cadmium-113m	6.01E+01	U	2.24E+03	3.72E+03	5.26E-03	5.26E-01
BP-23-SUR	Cadmium-113m	5.24E+01	U	2.38E+03	3.94E+03	5.26E-03	5.26E-01
BP-24-SUR	Cadmium-113m	4.96E+02	U	2.36E+03	3.90E+03	5.26E-03	5.26E-01
BP-25-SUR	Cadmium-113m	1.10E+03	U	2.28E+03	3.76E+03	5.26E-03	5.26E-01
BP-26-SUR	Cadmium-113m	1.42E+03	U	2.25E+03	3.71E+03	5.26E-03	5.26E-01
BP-27-SUR	Cadmium-113m	5.59E+02	U	2.24E+03	3.70E+03	5.26E-03	5.26E-01
BP-28-SUR	Cadmium-113m	-5.98E+02	U	2.21E+03	3.66E+03	5.26E-03	5.26E-01
BP-29-SUR	Cadmium-113m	3.30E+02	U	1.81E+03	3.00E+03	5.26E-03	5.26E-01
BP-30-SUR	Cadmium-113m	2.08E+01	U	1.76E+03	2.92E+03	5.26E-03	5.26E-01
BP-31-SUR	Cadmium-113m	7.17E+02	U	2.15E+03	3.55E+03	5.26E-03	5.26E-01
BP-32-SUR	Cadmium-113m	-2.88E+02	U	2.29E+03	3.80E+03	5.26E-03	5.26E-01
BP-33-SUR	Cadmium-113m	3.14E+02	U	2.32E+03	3.83E+03	5.26E-03	5.26E-01
BP-34-SUR	Cadmium-113m	-2.72E+02	U	2.23E+03	3.69E+03	5.26E-03	5.26E-01
BP-35-SUR	Cadmium-113m	2.07E+01	U	1.99E+03	3.30E+03	5.26E-03	5.26E-01
BP-36-SUR	Cadmium-113m	-3.29E+02	U	2.22E+03	3.67E+03	5.26E-03	5.26E-01
BP-37-SUR	Cadmium-113m	4.83E+02	U	2.13E+03	3.52E+03	5.26E-03	5.26E-01
BP-38-SUR	Cadmium-113m	2.40E+01	U	2.15E+03	3.56E+03	5.26E-03	5.26E-01
BP-39-SUR	Cadmium-113m	-1.22E+03	U	1.98E+03	3.25E+03	5.26E-03	5.26E-01
BP-40-SUR	Cadmium-113m	-8.53E+02	U	2.43E+03	3.55E+03	5.26E-03	5.26E-01
BP-41-SUR	Cadmium-113m	2.94E+02	U	2.19E+03	3.63E+03	5.26E-03	5.26E-01
BP-42-SUR	Cadmium-113m	8.38E+02	U	2.16E+03	3.56E+03	5.26E-03	5.26E-01

Table 10 - Cadmium-113m Analytical Results

Sample ID	Analyte	Result (pCi/g)	Qualifier(s)	Uncertainty (+/- pCi/g)	MDC (pCi/g)	Agricultural 10^{-6} PRG (pCi/g)	Agricultural 10^{-4} PRG (pCi/g)
BP-43-SUR	Cadmium-113m	1.49E+01	U	2.00E+03	3.32E+03	5.26E-03	5.26E-01
BP-44-SUR	Cadmium-113m	-1.11E+02	U	4.95E+03	3.03E+03	5.26E-03	5.26E-01
BP-45-SUR	Cadmium-113m	5.59E+02	U	2.15E+03	3.55E+03	5.26E-03	5.26E-01
BP-46-SUR	Cadmium-113m	-1.33E+03	U	2.76E+03	3.58E+03	5.26E-03	5.26E-01
BP-47-SUR	Cadmium-113m	3.46E+02	U	1.93E+03	3.18E+03	5.26E-03	5.26E-01
BP-48-SUR	Cadmium-113m	-8.74E+02	U	3.46E+03	3.75E+03	5.26E-03	5.26E-01
BP-49-SUR	Cadmium-113m	-1.83E+02	U	3.95E+03	2.73E+03	5.26E-03	5.26E-01
BP-50-SUR	Cadmium-113m	6.97E+01	U	2.17E+03	3.59E+03	5.26E-03	5.26E-01
BP-51-SUR	Cadmium-113m	3.51E+02	U	1.82E+03	3.01E+03	5.26E-03	5.26E-01
BP-52-SUR	Cadmium-113m	3.78E+01	U	1.76E+03	2.91E+03	5.26E-03	5.26E-01
BP-53-SUR	Cadmium-113m	-9.96E+02	U	2.98E+03	3.40E+03	5.26E-03	5.26E-01
BP-54-SUR	Cadmium-113m	9.96E+02	U	1.62E+03	2.66E+03	5.26E-03	5.26E-01
Bridle Path Subsurface Samples (Santa Susana Formation)							
BP-3-SUB	Cadmium-113m	6.51E+01	U	1.59E+03	2.64E+03	5.26E-03	5.26E-01
BP-4-SUB	Cadmium-113m	2.48E-01	U	1.89E+03	3.14E+03	5.26E-03	5.26E-01
BP-5-SUB	Cadmium-113m	-6.51E+02	U	3.47E+03	3.40E+03	5.26E-03	5.26E-01
BP-9-SUB	Cadmium-113m	4.65E+02	U	1.77E+03	2.93E+03	5.26E-03	5.26E-01
BP-12-SUB	Cadmium-113m	-6.23E+02	U	3.21E+03	3.35E+03	5.26E-03	5.26E-01
BP-13-SUB	Cadmium-113m	-3.48E+02	U	2.78E+03	3.16E+03	5.26E-03	5.26E-01
BP-14-SUB	Cadmium-113m	-6.60E+02	U	2.04E+03	3.38E+03	5.26E-03	5.26E-01
BP-16-SUB	Cadmium-113m	2.57E+03		2.02E+03	2.38E+03	5.26E-03	5.26E-01
BP-20-SUB	Cadmium-113m	6.16E+02	U	2.04E+03	3.37E+03	5.26E-03	5.26E-01
BP-23-SUB	Cadmium-113m	3.48E+02	U	1.71E+03	2.82E+03	5.26E-03	5.26E-01
BP-29-SUB	Cadmium-113m	-8.34E+03	U	3.11E+04	5.47E+04	5.26E-03	5.26E-01
BP-34-SUB	Cadmium-113m	-3.64E+02	U	2.15E+03	3.55E+03	5.26E-03	5.26E-01
BP-35-SUB	Cadmium-113m	-1.64E+02	U	3.13E+03	2.32E+03	5.26E-03	5.26E-01
BP-38-SUB	Cadmium-113m	-5.19E+02	U	2.13E+03	3.52E+03	5.26E-03	5.26E-01
BP-43-SUB	Cadmium-113m	1.32E+02	U	1.69E+03	2.81E+03	5.26E-03	5.26E-01
BP-45-SUB	Cadmium-113m	-1.13E+02	U	4.62E+03	2.89E+03	5.26E-03	5.26E-01
BP-46-SUB	Cadmium-113m	1.92E+02	U	2.37E+03	3.92E+03	5.26E-03	5.26E-01
BP-48-SUB	Cadmium-113m	3.19E+02	U	2.07E+03	3.42E+03	5.26E-03	5.26E-01
BP-50-SUB	Cadmium-113m	-9.65E+02	U	2.08E+03	3.44E+03	5.26E-03	5.26E-01
BP-51-SUB	Cadmium-113m	4.32E+03		2.76E+03	3.02E+03	5.26E-03	5.26E-01

Notes:

pCi/g - Picocuries per gram of dry soil. Analyses for H-3, C-14, Tc-99, and I-129 are reported in units of pCi per gram of "as-received" soil.

MDC - Minimum Detectable Concentration

PRG - Preliminary Remediation Goal

Uncertainty - Reported at the 1.96σ Confidence Interval. Gamma Spec. Reported at the 2σ Confidence Interval.

Data Qualifiers:

B - Analyte present, but not detected substantially above the level reported in laboratory or field blanks.

J - The analyte was detected at the reported concentration: the quantitation is an estimate.

K - Analyte present. Reported value may be biased high. Actual value is expected to be lower.

L - Analyte present. Reported value may be biased low. Actual value is expected to be higher.

R - The result is rejected due to serious deficiences in the ability to analyze the sample and meet the Quality Control criteria.

U - Not considered detected. The associated number is the reported concentration.

UJ - Not considered detected. The associated number is the reported concentration which may be inaccurate.

UL - Not considered detected. The associated number is the reported concentration which may be inaccurate due to a low bias.

X - Excluded. The data point is associated with reanalyses or diluted analyses and is excluded because another result has been selecetd as the definitive result for the analyte

These results are qualified based on the usability of the data for its intended purpose, which is to develop a statistical profile against which to compare individual on-site sample results, to determine the extent of potential site contamination that may be attributable to site activities.

Table 11 - Cesium-134 Analytical Results

Sample ID	Analyte	Result (pCi/g)	Qualifier(s)	Uncertainty (+/- pCi/g)	MDC (pCi/g)	Agricultural 10^{-6} PRG (pCi/g)	Agricultural 10^{-4} PRG (pCi/g)
Lang Ranch Surface Samples (Chatsworth Formation)							
LR-1-SUR	Cesium-134	4.15E-03	U	2.04E-02	3.36E-02	7.47E-03	7.47E-01
LR-2-SUR	Cesium-134	1.20E-02	K	5.40E-03	3.33E-02	7.47E-03	7.47E-01
LR-3-SUR	Cesium-134	1.28E-02	K	6.39E-03	3.42E-02	7.47E-03	7.47E-01
LR-4-SUR	Cesium-134	1.34E-02	K	5.89E-03	3.24E-02	7.47E-03	7.47E-01
LR-5-SUR	Cesium-134	1.34E-02	K	5.70E-03	3.46E-02	7.47E-03	7.47E-01
LR-6-SUR	Cesium-134	1.40E-02	K	5.86E-03	3.51E-02	7.47E-03	7.47E-01
LR-7-SUR	Cesium-134	7.43E-03	BK	3.50E-03	3.22E-02	7.47E-03	7.47E-01
LR-8-SUR	Cesium-134	1.03E-02	K	4.38E-03	3.25E-02	7.47E-03	7.47E-01
LR-9-SUR	Cesium-134	1.99E-03	U	2.04E-02	3.37E-02	7.47E-03	7.47E-01
LR-10-SUR	Cesium-134	1.07E-02	K	4.70E-03	3.72E-02	7.47E-03	7.47E-01
LR-11-SUR	Cesium-134	1.31E-02	K	5.09E-03	3.75E-02	7.47E-03	7.47E-01
LR-12-SUR	Cesium-134	1.53E-02	K	6.81E-03	3.11E-02	7.47E-03	7.47E-01
LR-13-SUR	Cesium-134	7.63E-03	BK	3.65E-03	3.08E-02	7.47E-03	7.47E-01
LR-14-SUR	Cesium-134	1.10E-02	K	4.75E-03	2.89E-02	7.47E-03	7.47E-01
LR-15-SUR	Cesium-134	1.39E-02	K	5.53E-03	3.21E-02	7.47E-03	7.47E-01
LR-16-SUR	Cesium-134	1.36E-02	K	4.85E-03	3.06E-02	7.47E-03	7.47E-01
LR-17-SUR	Cesium-134	8.82E-03	BK	4.08E-03	2.85E-02	7.47E-03	7.47E-01
LR-18-SUR	Cesium-134	1.45E-02	K	6.57E-03	3.30E-02	7.47E-03	7.47E-01
LR-19-SUR	Cesium-134	1.25E-02	K	4.28E-03	3.49E-02	7.47E-03	7.47E-01
LR-20-SUR	Cesium-134	1.23E-02	K	5.87E-03	3.54E-02	7.47E-03	7.47E-01
LR-21-SUR	Cesium-134	1.43E-02	K	5.65E-03	3.49E-02	7.47E-03	7.47E-01
LR-22-SUR	Cesium-134	1.46E-02	K	5.93E-03	3.44E-02	7.47E-03	7.47E-01
LR-23-SUR	Cesium-134	1.47E-02	K	5.55E-03	3.27E-02	7.47E-03	7.47E-01
LR-24-SUR	Cesium-134	1.37E-02	K	5.38E-03	3.28E-02	7.47E-03	7.47E-01
LR-25-SUR	Cesium-134	1.39E-02	K	5.57E-03	3.44E-02	7.47E-03	7.47E-01
LR-26-SUR	Cesium-134	1.41E-02	K	7.73E-03	3.47E-02	7.47E-03	7.47E-01
LR-27-SUR	Cesium-134	9.38E-03	K	4.12E-03	3.33E-02	7.47E-03	7.47E-01
Lang Ranch Subsurface Samples (Chatsworth Formation)							
LR-3-SUB	Cesium-134	1.32E-02	K	4.51E-03	3.46E-02	7.47E-03	7.47E-01
LR-4-SUB	Cesium-134	5.79E-04	U	1.86E-02	3.07E-02	7.47E-03	7.47E-01
LR-9-SUB	Cesium-134	1.40E-02	K	5.52E-03	5.36E-03	7.47E-03	7.47E-01
LR-13-SUB	Cesium-134	1.03E-02	BK	8.80E-03	3.38E-02	7.47E-03	7.47E-01
LR-15-SUB	Cesium-134	1.71E-02	K	6.95E-03	4.01E-02	7.47E-03	7.47E-01
LR-18-SUB	Cesium-134	1.24E-02	K	6.02E-03	3.82E-02	7.47E-03	7.47E-01
LR-19-SUB	Cesium-134	1.65E-02	K	7.17E-03	3.88E-02	7.47E-03	7.47E-01
LR-23-SUB	Cesium-134	1.93E-02	K	7.42E-03	4.42E-02	7.47E-03	7.47E-01
LR-24-SUB	Cesium-134	1.65E-02	K	7.33E-03	3.74E-02	7.47E-03	7.47E-01
LR-26-SUB	Cesium-134	1.84E-02	K	6.17E-03	3.50E-02	7.47E-03	7.47E-01
Rocky Peak Surface Samples (Chatsworth Formation)							
RP-1-SUR	Cesium-134	8.17E-03	BK	3.66E-03	2.47E-02	7.47E-03	7.47E-01
RP-2-SUR	Cesium-134	8.63E-03	BK	4.23E-03	2.61E-02	7.47E-03	7.47E-01
RP-3-SUR	Cesium-134	1.35E-02	K	5.67E-03	2.99E-02	7.47E-03	7.47E-01
RP-4-SUR	Cesium-134	9.64E-03	K	4.53E-03	2.52E-02	7.47E-03	7.47E-01
RP-5-SUR	Cesium-134	7.71E-03	BK	3.46E-03	2.59E-02	7.47E-03	7.47E-01
RP-6-SUR	Cesium-134	1.72E-03	U	1.63E-02	2.69E-02	7.47E-03	7.47E-01
RP-7-SUR	Cesium-134	1.13E-02	K	6.25E-03	3.15E-02	7.47E-03	7.47E-01
RP-8-SUR	Cesium-134	8.54E-03	BK	3.70E-03	3.33E-02	7.47E-03	7.47E-01
RP-9-SUR	Cesium-134	1.19E-02	K	4.76E-03	2.62E-02	7.47E-03	7.47E-01
RP-10-SUR	Cesium-134	1.23E-02	K	5.46E-03	2.72E-02	7.47E-03	7.47E-01
RP-11-SUR	Cesium-134	1.31E-02	K	5.29E-03	3.26E-02	7.47E-03	7.47E-01
RP-12-SUR	Cesium-134	6.24E-03	BK	2.99E-03	2.44E-02	7.47E-03	7.47E-01
RP-13-SUR	Cesium-134	8.94E-03	K	3.65E-03	2.38E-02	7.47E-03	7.47E-01
RP-14-SUR	Cesium-134	7.09E-03	BK	3.23E-03	2.56E-02	7.47E-03	7.47E-01
RP-15-SUR	Cesium-134	9.36E-03	K	4.28E-03	2.60E-02	7.47E-03	7.47E-01
RP-16-SUR	Cesium-134	8.41E-03	BK	4.52E-03	2.53E-02	7.47E-03	7.47E-01
RP-17-SUR	Cesium-134	6.70E-03	BK	3.25E-03	2.60E-02	7.47E-03	7.47E-01
RP-18-SUR	Cesium-134	5.38E-03	BK	2.83E-03	2.75E-02	7.47E-03	7.47E-01
RP-19-SUR	Cesium-134	1.34E-02	K	6.28E-03	2.66E-02	7.47E-03	7.47E-01
RP-20-SUR	Cesium-134	1.62E-02	K	6.11E-03	3.31E-02	7.47E-03	7.47E-01
RP-21-SUR	Cesium-134	5.75E-03	BK	3.06E-03	2.49E-02	7.47E-03	7.47E-01

Table 11 - Cesium-134 Analytical Results

Sample ID	Analyte	Result (pCi/g)	Qualifier(s)	Uncertainty (+/- pCi/g)	MDC (pCi/g)	Agricultural 10^{-6} PRG (pCi/g)	Agricultural 10^{-4} PRG (pCi/g)
RP-22-SUR	Cesium-134	1.03E-02	K	4.80E-03	2.53E-02	7.47E-03	7.47E-01
RP-23-SUR	Cesium-134	1.58E-02	K	7.46E-03	3.28E-02	7.47E-03	7.47E-01
RP-24-SUR	Cesium-134	7.45E-03	BK	3.95E-03	2.65E-02	7.47E-03	7.47E-01
RP-25-SUR	Cesium-134	1.31E-02	K	6.12E-03	2.84E-02	7.47E-03	7.47E-01
RP-26-SUR	Cesium-134	1.07E-02	K	4.64E-03	2.79E-02	7.47E-03	7.47E-01
RP-27-SUR	Cesium-134	1.22E-02	K	5.10E-03	2.87E-02	7.47E-03	7.47E-01
RP-28-SUR	Cesium-134	9.98E-03	K	4.63E-03	2.88E-02	7.47E-03	7.47E-01
Rocky Peak Subsurface Samples (Chatsworth Formation)							
RP-1-SUB	Cesium-134	1.12E-02	K	5.04E-03	2.52E-02	7.47E-03	7.47E-01
RP-5-SUB	Cesium-134	2.68E-03	U	1.73E-02	2.85E-02	7.47E-03	7.47E-01
RP-7-SUB	Cesium-134	9.42E-03	BK	4.97E-03	2.80E-02	7.47E-03	7.47E-01
RP-12-SUB	Cesium-134	9.51E-03	K	4.38E-03	2.43E-02	7.47E-03	7.47E-01
RP-13-SUB	Cesium-134	1.13E-02	K	4.48E-03	2.80E-02	7.47E-03	7.47E-01
RP-17-SUB	Cesium-134	1.03E-02	K	4.01E-03	2.73E-02	7.47E-03	7.47E-01
RP-18-SUB	Cesium-134	1.11E-02	K	4.64E-03	2.89E-02	7.47E-03	7.47E-01
RP-19-SUB	Cesium-134	1.53E-02	K	5.46E-03	2.81E-02	7.47E-03	7.47E-01
RP-20-SUB	Cesium-134	1.40E-02	K	5.51E-03	2.77E-02	7.47E-03	7.47E-01
RP-28-SUB	Cesium-134	1.07E-02	BK	7.18E-03	2.74E-02	7.47E-03	7.47E-01
Bridle Path Surface Samples (Santa Susana Formation)							
BP-1-SUR	Cesium-134	1.61E-02	K	5.05E-03	3.54E-02	7.47E-03	7.47E-01
BP-2-SUR	Cesium-134	1.82E-02	K	6.13E-03	3.68E-02	7.47E-03	7.47E-01
BP-3-SUR	Cesium-134	1.74E-02	K	5.57E-03	3.63E-02	7.47E-03	7.47E-01
BP-4-SUR	Cesium-134	1.48E-02	K	6.83E-03	3.84E-02	7.47E-03	7.47E-01
BP-5-SUR	Cesium-134	2.23E-02	K	6.84E-03	3.76E-02	7.47E-03	7.47E-01
BP-6-SUR	Cesium-134	2.24E-02	K	6.90E-03	3.85E-02	7.47E-03	7.47E-01
BP-7-SUR	Cesium-134	2.46E-02	K	7.11E-03	3.98E-02	7.47E-03	7.47E-01
BP-8-SUR	Cesium-134	1.73E-02	K	5.44E-03	3.81E-02	7.47E-03	7.47E-01
BP-9-SUR	Cesium-134	1.76E-02	K	5.54E-03	3.87E-02	7.47E-03	7.47E-01
BP-10-SUR	Cesium-134	2.32E-02	K	8.09E-03	3.84E-02	7.47E-03	7.47E-01
BP-11-SUR	Cesium-134	2.17E-02	K	6.38E-03	3.81E-02	7.47E-03	7.47E-01
BP-12-SUR	Cesium-134	1.55E-02	K	5.77E-03	3.78E-02	7.47E-03	7.47E-01
BP-13-SUR	Cesium-134	1.71E-02	K	5.59E-03	3.89E-02	7.47E-03	7.47E-01
BP-14-SUR	Cesium-134	1.49E-02	K	5.20E-03	3.54E-02	7.47E-03	7.47E-01
BP-15-SUR	Cesium-134	1.69E-02	K	5.35E-03	3.68E-02	7.47E-03	7.47E-01
BP-16-SUR	Cesium-134	1.78E-02	K	5.51E-03	3.67E-02	7.47E-03	7.47E-01
BP-17-SUR	Cesium-134	1.77E-02	K	5.54E-03	3.64E-02	7.47E-03	7.47E-01
BP-18-SUR	Cesium-134	1.51E-02	K	5.33E-03	3.66E-02	7.47E-03	7.47E-01
BP-19-SUR	Cesium-134	1.68E-02	K	5.77E-03	3.66E-02	7.47E-03	7.47E-01
BP-20-SUR	Cesium-134	1.41E-02	K	4.63E-03	3.85E-02	7.47E-03	7.47E-01
BP-21-SUR	Cesium-134	2.11E-02	K	7.29E-03	3.83E-02	7.47E-03	7.47E-01
BP-22-SUR	Cesium-134	2.37E-02	K	8.04E-03	3.78E-02	7.47E-03	7.47E-01
BP-23-SUR	Cesium-134	1.62E-02	K	5.60E-03	3.75E-02	7.47E-03	7.47E-01
BP-24-SUR	Cesium-134	1.77E-02	K	6.00E-03	3.84E-02	7.47E-03	7.47E-01
BP-25-SUR	Cesium-134	1.36E-02	K	5.35E-03	3.73E-02	7.47E-03	7.47E-01
BP-26-SUR	Cesium-134	1.70E-02	K	6.46E-03	3.56E-02	7.47E-03	7.47E-01
BP-27-SUR	Cesium-134	1.64E-02	K	5.93E-03	3.66E-02	7.47E-03	7.47E-01
BP-28-SUR	Cesium-134	1.46E-02	K	5.68E-03	3.61E-02	7.47E-03	7.47E-01
BP-29-SUR	Cesium-134	1.70E-02	K	6.17E-03	3.47E-02	7.47E-03	7.47E-01
BP-30-SUR	Cesium-134	1.66E-02	K	5.89E-03	3.82E-02	7.47E-03	7.47E-01
BP-31-SUR	Cesium-134	1.45E-02	K	5.64E-03	3.57E-02	7.47E-03	7.47E-01
BP-32-SUR	Cesium-134	1.58E-02	K	5.10E-03	3.69E-02	7.47E-03	7.47E-01
BP-33-SUR	Cesium-134	1.93E-02	K	6.69E-03	3.91E-02	7.47E-03	7.47E-01
BP-34-SUR	Cesium-134	1.99E-02	K	6.06E-03	3.77E-02	7.47E-03	7.47E-01
BP-35-SUR	Cesium-134	1.26E-02	K	5.00E-03	3.66E-02	7.47E-03	7.47E-01
BP-36-SUR	Cesium-134	1.84E-02	K	5.70E-03	3.64E-02	7.47E-03	7.47E-01
BP-37-SUR	Cesium-134	1.64E-02	K	6.26E-03	3.59E-02	7.47E-03	7.47E-01
BP-38-SUR	Cesium-134	1.68E-02	K	5.91E-03	3.45E-02	7.47E-03	7.47E-01
BP-39-SUR	Cesium-134	1.20E-02	K	4.62E-03	3.33E-02	7.47E-03	7.47E-01
BP-40-SUR	Cesium-134	1.30E-02	K	5.19E-03	3.59E-02	7.47E-03	7.47E-01
BP-41-SUR	Cesium-134	2.11E-02	K	8.93E-03	3.66E-02	7.47E-03	7.47E-01
BP-42-SUR	Cesium-134	1.19E-02	K	4.72E-03	3.61E-02	7.47E-03	7.47E-01

Table 11 - Cesium-134 Analytical Results

Sample ID	Analyte	Result (pCi/g)	Qualifier(s)	Uncertainty (+/- pCi/g)	MDC (pCi/g)	Agricultural 10^{-6} PRG (pCi/g)	Agricultural 10^{-4} PRG (pCi/g)
BP-43-SUR	Cesium-134	2.10E-02	K	6.81E-03	3.45E-02	7.47E-03	7.47E-01
BP-44-SUR	Cesium-134	1.89E-02	K	6.71E-03	3.58E-02	7.47E-03	7.47E-01
BP-45-SUR	Cesium-134	1.19E-02	K	4.61E-03	3.43E-02	7.47E-03	7.47E-01
BP-46-SUR	Cesium-134	1.83E-02	K	6.33E-03	3.57E-02	7.47E-03	7.47E-01
BP-47-SUR	Cesium-134	1.64E-02	K	4.84E-03	3.21E-02	7.47E-03	7.47E-01
BP-48-SUR	Cesium-134	1.84E-02	K	6.64E-03	4.05E-02	7.47E-03	7.47E-01
BP-49-SUR	Cesium-134	2.04E-02	K	5.99E-03	3.13E-02	7.47E-03	7.47E-01
BP-50-SUR	Cesium-134	2.11E-02	K	7.60E-03	3.53E-02	7.47E-03	7.47E-01
BP-51-SUR	Cesium-134	2.61E-02	K	8.28E-03	3.03E-02	7.47E-03	7.47E-01
BP-52-SUR	Cesium-134	1.56E-02	K	5.56E-03	2.86E-02	7.47E-03	7.47E-01
BP-53-SUR	Cesium-134	1.55E-02	K	6.32E-03	3.46E-02	7.47E-03	7.47E-01
BP-54-SUR	Cesium-134	1.35E-02	K	4.85E-03	2.55E-02	7.47E-03	7.47E-01
Bridle Path Subsurface Samples (Santa Susana Formation)							
BP-3-SUB	Cesium-134	1.34E-02	K	4.39E-03	3.09E-02	7.47E-03	7.47E-01
BP-4-SUB	Cesium-134	1.60E-02	K	5.89E-03	3.68E-02	7.47E-03	7.47E-01
BP-5-SUB	Cesium-134	1.42E-02	K	4.75E-03	3.33E-02	7.47E-03	7.47E-01
BP-9-SUB	Cesium-134	1.60E-02	K	4.62E-03	2.80E-02	7.47E-03	7.47E-01
BP-12-SUB	Cesium-134	4.80E-03	U	5.07E-03	3.25E-02	7.47E-03	7.47E-01
BP-13-SUB	Cesium-134	2.25E-02	K	7.18E-03	3.37E-02	7.47E-03	7.47E-01
BP-14-SUB	Cesium-134	2.04E-02	K	7.99E-03	3.50E-02	7.47E-03	7.47E-01
BP-16-SUB	Cesium-134	1.39E-02	K	4.13E-03	2.88E-02	7.47E-03	7.47E-01
BP-20-SUB	Cesium-134	1.13E-02	K	5.27E-03	3.31E-02	7.47E-03	7.47E-01
BP-23-SUB	Cesium-134	-1.47E-04	U	1.66E-02	2.74E-02	7.47E-03	7.47E-01
BP-29-SUB	Cesium-134	-4.10E-02	U	1.22E-01	2.15E-01	7.47E-03	7.47E-01
BP-34-SUB	Cesium-134	1.67E-02	K	5.95E-03	3.67E-02	7.47E-03	7.47E-01
BP-35-SUB	Cesium-134	2.26E-02	K	7.11E-03	2.92E-02	7.47E-03	7.47E-01
BP-38-SUB	Cesium-134	1.42E-02	K	5.87E-03	3.55E-02	7.47E-03	7.47E-01
BP-43-SUB	Cesium-134	1.04E-02	BK	7.41E-03	2.97E-02	7.47E-03	7.47E-01
BP-45-SUB	Cesium-134	1.78E-02	K	5.79E-03	3.49E-02	7.47E-03	7.47E-01
BP-46-SUB	Cesium-134	1.91E-02	K	6.06E-03	3.92E-02	7.47E-03	7.47E-01
BP-48-SUB	Cesium-134	1.27E-02	K	4.42E-03	3.34E-02	7.47E-03	7.47E-01
BP-50-SUB	Cesium-134	1.86E-02	K	7.05E-03	3.17E-02	7.47E-03	7.47E-01
BP-51-SUB	Cesium-134	2.40E-02	K	7.52E-03	3.60E-02	7.47E-03	7.47E-01

Notes:

pCi/g - Picocuries per gram of dry soil. Analyses for H-3, C-14, Tc-99, and I-129 are reported in units of pCi per gram of "as-received" soil.

MDC - Minimum Detectable Concentration

PRG - Preliminary Remediation Goal

Uncertainty - Reported at the 1.96σ Confidence Interval. Gamma Spec. Reported at the 2σ Confidence Interval.

Data Qualifiers:

B - Analyte present, but not detected substantially above the level reported in laboratory or field blanks.

J - The analyte was detected at the reported concentration: the quantitation is an estimate.

K - Analyte present. Reported value may be biased high. Actual value is expected to be lower.

L - Analyte present. Reported value may be biased low. Actual value is expected to be higher.

R - The result is rejected due to serious deficiences in the ability to analyze the sample and meet the Quality Control criteria.

U - Not considered detected. The associated number is the reported concentration.

UJ - Not considered detected. The associated number is the reported concentration which may be inaccurate.

UL - Not considered detected. The associated number is the reported concentration which may be inaccurate due to a low bias.

X - Excluded. The data point is associated with reanalyses or diluted analyses and is excluded because another result has been selecetd as the definitive result for the analyte

These results are qualified based on the usability of the data for its intended purpose, which is to develop a statistical profile against which to compare individual on-site sample results, to determine the extent of potential site contamination that may be attributable to site activities.

Table 12 - Cesium-137 Analytical Results

Sample ID	Analyte	Result (pCi/g)	Qualifier(s)	Uncertainty (+/- pCi/g)	MDC (pCi/g)	Agricultural 10^{-6} PRG (pCi/g)	Agricultural 10^{-4} PRG (pCi/g)
Lang Ranch Surface Samples (Chatsworth Formation)							
LR-1-SUR	Cesium-137	1.46E-01		1.69E-02	6.74E-03	1.20E-03	1.20E-01
LR-2-SUR	Cesium-137	1.29E-01		1.51E-02	6.72E-03	1.20E-03	1.20E-01
LR-3-SUR	Cesium-137	8.64E-02		1.08E-02	6.81E-03	1.20E-03	1.20E-01
LR-4-SUR	Cesium-137	8.27E-02		1.03E-02	6.59E-03	1.20E-03	1.20E-01
LR-5-SUR	Cesium-137	9.26E-02		1.25E-02	7.25E-03	1.20E-03	1.20E-01
LR-6-SUR	Cesium-137	9.85E-02		1.20E-02	6.80E-03	1.20E-03	1.20E-01
LR-7-SUR	Cesium-137	1.13E-01		1.35E-02	6.66E-03	1.20E-03	1.20E-01
LR-8-SUR	Cesium-137	1.13E-01		1.34E-02	6.51E-03	1.20E-03	1.20E-01
LR-9-SUR	Cesium-137	9.86E-02		1.20E-02	6.84E-03	1.20E-03	1.20E-01
LR-10-SUR	Cesium-137	9.83E-02		1.21E-02	7.12E-03	1.20E-03	1.20E-01
LR-11-SUR	Cesium-137	1.24E-01		1.47E-02	7.09E-03	1.20E-03	1.20E-01
LR-12-SUR	Cesium-137	1.16E-01		1.38E-02	6.69E-03	1.20E-03	1.20E-01
LR-13-SUR	Cesium-137	1.48E-01		1.71E-02	6.52E-03	1.20E-03	1.20E-01
LR-14-SUR	Cesium-137	9.44E-02		1.15E-02	6.39E-03	1.20E-03	1.20E-01
LR-15-SUR	Cesium-137	1.30E-01		1.53E-02	7.31E-03	1.20E-03	1.20E-01
LR-16-SUR	Cesium-137	7.74E-02		9.70E-03	6.37E-03	1.20E-03	1.20E-01
LR-17-SUR	Cesium-137	9.35E-02		1.12E-02	5.92E-03	1.20E-03	1.20E-01
LR-18-SUR	Cesium-137	6.90E-02		9.01E-03	6.73E-03	1.20E-03	1.20E-01
LR-19-SUR	Cesium-137	1.01E-01		1.23E-02	7.07E-03	1.20E-03	1.20E-01
LR-20-SUR	Cesium-137	8.57E-02		1.08E-02	7.10E-03	1.20E-03	1.20E-01
LR-21-SUR	Cesium-137	1.28E-01		1.51E-02	7.08E-03	1.20E-03	1.20E-01
LR-22-SUR	Cesium-137	9.96E-02		1.21E-02	6.76E-03	1.20E-03	1.20E-01
LR-23-SUR	Cesium-137	1.17E-01		1.39E-02	6.65E-03	1.20E-03	1.20E-01
LR-24-SUR	Cesium-137	8.31E-02		1.04E-02	6.59E-03	1.20E-03	1.20E-01
LR-25-SUR	Cesium-137	1.29E-01		1.52E-02	6.76E-03	1.20E-03	1.20E-01
LR-26-SUR	Cesium-137	1.22E-01		1.45E-02	6.80E-03	1.20E-03	1.20E-01
LR-27-SUR	Cesium-137	1.44E-01		1.67E-02	6.61E-03	1.20E-03	1.20E-01
Lang Ranch Subsurface Samples (Chatsworth Formation)							
LR-3-SUB	Cesium-137	-5.00E-03	U	5.91E-03	9.38E-03	1.20E-03	1.20E-01
LR-4-SUB	Cesium-137	3.43E-03		3.20E-03	5.22E-03	1.20E-03	1.20E-01
LR-9-SUB	Cesium-137	3.15E-03	U	3.52E-03	5.77E-03	1.20E-03	1.20E-01
LR-13-SUB	Cesium-137	-7.66E-03	UL	5.69E-03	9.21E-03	1.20E-03	1.20E-01
LR-15-SUB	Cesium-137	-3.57E-03	U	7.49E-03	9.91E-03	1.20E-03	1.20E-01
LR-18-SUB	Cesium-137	3.21E-03	U	3.99E-03	6.55E-03	1.20E-03	1.20E-01
LR-19-SUB	Cesium-137	2.38E-03	U	4.01E-03	6.62E-03	1.20E-03	1.20E-01
LR-23-SUB	Cesium-137	-8.79E-05	U	9.22E-03	1.01E-02	1.20E-03	1.20E-01
LR-24-SUB	Cesium-137	-4.41E-04	U	5.39E-03	8.94E-03	1.20E-03	1.20E-01
LR-26-SUB	Cesium-137	-5.02E-03	U	5.50E-03	9.01E-03	1.20E-03	1.20E-01
Rocky Peak Surface Samples (Chatsworth Formation)							
RP-1-SUR	Cesium-137	4.06E-02		5.88E-03	5.50E-03	1.20E-03	1.20E-01
RP-2-SUR	Cesium-137	3.15E-02		6.36E-03	5.71E-03	1.20E-03	1.20E-01
RP-3-SUR	Cesium-137	5.13E-02		7.56E-03	5.29E-03	1.20E-03	1.20E-01
RP-4-SUR	Cesium-137	3.24E-02		5.90E-03	5.26E-03	1.20E-03	1.20E-01
RP-5-SUR	Cesium-137	1.80E-01		2.12E-02	6.66E-03	1.20E-03	1.20E-01
RP-6-SUR	Cesium-137	1.09E-01		1.28E-02	5.86E-03	1.20E-03	1.20E-01
RP-7-SUR	Cesium-137	7.95E-02		1.13E-02	6.54E-03	1.20E-03	1.20E-01
RP-8-SUR	Cesium-137	1.13E-01		1.43E-02	6.49E-03	1.20E-03	1.20E-01
RP-9-SUR	Cesium-137	1.04E-01		1.12E-02	4.82E-03	1.20E-03	1.20E-01
RP-10-SUR	Cesium-137	1.19E-01		1.47E-02	6.29E-03	1.20E-03	1.20E-01
RP-11-SUR	Cesium-137	4.50E-02		6.27E-03	5.42E-03	1.20E-03	1.20E-01
RP-12-SUR	Cesium-137	6.01E-02		7.70E-03	5.44E-03	1.20E-03	1.20E-01
RP-13-SUR	Cesium-137	3.92E-02		6.86E-03	5.58E-03	1.20E-03	1.20E-01
RP-14-SUR	Cesium-137	6.86E-02		8.58E-03	5.53E-03	1.20E-03	1.20E-01
RP-15-SUR	Cesium-137	8.70E-02		1.05E-02	5.54E-03	1.20E-03	1.20E-01
RP-16-SUR	Cesium-137	1.51E-01		1.79E-02	6.12E-03	1.20E-03	1.20E-01
RP-17-SUR	Cesium-137	1.42E-01		1.75E-02	6.86E-03	1.20E-03	1.20E-01
RP-18-SUR	Cesium-137	1.03E-01		1.34E-02	6.47E-03	1.20E-03	1.20E-01
RP-19-SUR	Cesium-137	5.41E-02		8.20E-03	5.86E-03	1.20E-03	1.20E-01
RP-20-SUR	Cesium-137	5.64E-02		8.39E-03	5.83E-03	1.20E-03	1.20E-01
RP-21-SUR	Cesium-137	9.95E-03		3.47E-03	5.25E-03	1.20E-03	1.20E-01
RP-22-SUR	Cesium-137	7.84E-02		1.08E-02	6.25E-03	1.20E-03	1.20E-01
RP-23-SUR	Cesium-137	1.06E-01		1.43E-02	7.40E-03	1.20E-03	1.20E-01
RP-24-SUR	Cesium-137	1.58E-01		1.91E-02	6.95E-03	1.20E-03	1.20E-01
RP-25-SUR	Cesium-137	1.18E-01		1.38E-02	5.80E-03	1.20E-03	1.20E-01
RP-26-SUR	Cesium-137	4.79E-02		6.61E-03	5.64E-03	1.20E-03	1.20E-01
RP-27-SUR	Cesium-137	1.06E-01		1.26E-02	5.93E-03	1.20E-03	1.20E-01
RP-28-SUR	Cesium-137	6.38E-02		8.30E-03	6.13E-03	1.20E-03	1.20E-01
Rocky Peak Subsurface Samples (Chatsworth Formation)							
RP-1-SUB	Cesium-137	-3.53E-03	U	4.55E-03	7.47E-03	1.20E-03	1.20E-01
RP-5-SUB	Cesium-137	-2.83E-03	U	4.81E-03	7.93E-03	1.20E-03	1.20E-01
RP-7-SUB	Cesium-137	4.15E-03		3.53E-03	5.74E-03	1.20E-03	1.20E-01
RP-12-SUB	Cesium-137	9.25E-03		3.43E-03	5.23E-03	1.20E-03	1.20E-01

Table 12 - Cesium-137 Analytical Results

Sample ID	Analyte	Result (pCi/g)	Qualifier(s)	Uncertainty (+/- pCi/g)	MDC (pCi/g)	Agricultural 10^{-6} PRG (pCi/g)	Agricultural 10^{-4} PRG (pCi/g)
RP-13-SUB	Cesium-137	3.76E-03		3.23E-03	5.24E-03	1.20E-03	1.20E-01
RP-17-SUB	Cesium-137	6.51E-03		4.08E-03	6.55E-03	1.20E-03	1.20E-01
RP-18-SUB	Cesium-137	3.66E-04	U	4.55E-03	7.57E-03	1.20E-03	1.20E-01
RP-19-SUB	Cesium-137	6.58E-04	U	4.65E-03	7.72E-03	1.20E-03	1.20E-01
RP-20-SUB	Cesium-137	-4.58E-03	U	5.86E-03	8.11E-03	1.20E-03	1.20E-01
RP-28-SUB	Cesium-137	3.63E-03		3.09E-03	5.03E-03	1.20E-03	1.20E-01
Bridle Path Surface Samples (Santa Susana Formation)							
BP-1-SUR	Cesium-137	6.28E-02		1.01E-02	7.46E-03	1.20E-03	1.20E-01
BP-2-SUR	Cesium-137	8.50E-02		1.07E-02	7.14E-03	1.20E-03	1.20E-01
BP-3-SUR	Cesium-137	6.38E-02		8.60E-03	7.08E-03	1.20E-03	1.20E-01
BP-4-SUR	Cesium-137	8.85E-02		1.29E-02	8.32E-03	1.20E-03	1.20E-01
BP-5-SUR	Cesium-137	5.55E-02		7.88E-03	7.28E-03	1.20E-03	1.20E-01
BP-6-SUR	Cesium-137	7.44E-02		9.69E-03	7.37E-03	1.20E-03	1.20E-01
BP-7-SUR	Cesium-137	8.50E-02		1.08E-02	7.49E-03	1.20E-03	1.20E-01
BP-8-SUR	Cesium-137	9.80E-02		1.20E-02	7.22E-03	1.20E-03	1.20E-01
BP-9-SUR	Cesium-137	9.50E-02		1.17E-02	7.34E-03	1.20E-03	1.20E-01
BP-10-SUR	Cesium-137	7.85E-02		1.01E-02	7.37E-03	1.20E-03	1.20E-01
BP-11-SUR	Cesium-137	4.77E-02		8.93E-03	7.48E-03	1.20E-03	1.20E-01
BP-12-SUR	Cesium-137	8.03E-02		1.02E-02	7.15E-03	1.20E-03	1.20E-01
BP-13-SUR	Cesium-137	7.78E-02		9.73E-03	8.01E-03	1.20E-03	1.20E-01
BP-14-SUR	Cesium-137	1.10E-01		1.31E-02	6.79E-03	1.20E-03	1.20E-01
BP-15-SUR	Cesium-137	4.70E-02		9.60E-03	8.05E-03	1.20E-03	1.20E-01
BP-16-SUR	Cesium-137	6.40E-02		8.52E-03	6.73E-03	1.20E-03	1.20E-01
BP-17-SUR	Cesium-137	6.71E-02		8.91E-03	7.11E-03	1.20E-03	1.20E-01
BP-18-SUR	Cesium-137	1.02E-01		1.23E-02	6.92E-03	1.20E-03	1.20E-01
BP-19-SUR	Cesium-137	9.32E-02		1.09E-02	7.41E-03	1.20E-03	1.20E-01
BP-20-SUR	Cesium-137	1.14E-01		1.51E-02	8.09E-03	1.20E-03	1.20E-01
BP-21-SUR	Cesium-137	8.50E-02		1.08E-02	7.47E-03	1.20E-03	1.20E-01
BP-22-SUR	Cesium-137	7.37E-02		1.12E-02	8.38E-03	1.20E-03	1.20E-01
BP-23-SUR	Cesium-137	7.97E-02		1.24E-02	8.82E-03	1.20E-03	1.20E-01
BP-24-SUR	Cesium-137	8.66E-02		1.05E-02	7.82E-03	1.20E-03	1.20E-01
BP-25-SUR	Cesium-137	1.42E-01		1.67E-02	8.13E-03	1.20E-03	1.20E-01
BP-26-SUR	Cesium-137	9.54E-02		1.11E-02	7.35E-03	1.20E-03	1.20E-01
BP-27-SUR	Cesium-137	1.04E-01		1.40E-02	8.70E-03	1.20E-03	1.20E-01
BP-28-SUR	Cesium-137	1.05E-01		1.34E-02	7.70E-03	1.20E-03	1.20E-01
BP-29-SUR	Cesium-137	1.15E-01		1.46E-02	8.20E-03	1.20E-03	1.20E-01
BP-30-SUR	Cesium-137	7.06E-02		9.28E-03	7.17E-03	1.20E-03	1.20E-01
BP-31-SUR	Cesium-137	6.09E-02		1.01E-02	8.03E-03	1.20E-03	1.20E-01
BP-32-SUR	Cesium-137	4.49E-02		9.09E-03	8.05E-03	1.20E-03	1.20E-01
BP-33-SUR	Cesium-137	8.18E-02		1.21E-02	8.01E-03	1.20E-03	1.20E-01
BP-34-SUR	Cesium-137	7.99E-02		1.22E-02	8.68E-03	1.20E-03	1.20E-01
BP-35-SUR	Cesium-137	8.94E-02		1.12E-02	7.22E-03	1.20E-03	1.20E-01
BP-36-SUR	Cesium-137	9.73E-02		1.20E-02	7.17E-03	1.20E-03	1.20E-01
BP-37-SUR	Cesium-137	7.09E-02		1.11E-02	7.66E-03	1.20E-03	1.20E-01
BP-38-SUR	Cesium-137	8.45E-02		1.06E-02	6.86E-03	1.20E-03	1.20E-01
BP-39-SUR	Cesium-137	5.02E-02		7.23E-03	6.76E-03	1.20E-03	1.20E-01
BP-40-SUR	Cesium-137	5.69E-02		7.94E-03	7.01E-03	1.20E-03	1.20E-01
BP-41-SUR	Cesium-137	7.65E-02		9.40E-03	7.29E-03	1.20E-03	1.20E-01
BP-42-SUR	Cesium-137	4.23E-02		8.38E-03	7.13E-03	1.20E-03	1.20E-01
BP-43-SUR	Cesium-137	6.22E-02		9.59E-03	7.45E-03	1.20E-03	1.20E-01
BP-44-SUR	Cesium-137	1.51E-01		1.75E-02	7.08E-03	1.20E-03	1.20E-01
BP-45-SUR	Cesium-137	9.75E-02		1.36E-02	8.65E-03	1.20E-03	1.20E-01
BP-46-SUR	Cesium-137	1.14E-01		1.52E-02	7.87E-03	1.20E-03	1.20E-01
BP-47-SUR	Cesium-137	8.07E-02		9.42E-03	6.41E-03	1.20E-03	1.20E-01
BP-48-SUR	Cesium-137	9.45E-02		1.19E-02	7.94E-03	1.20E-03	1.20E-01
BP-49-SUR	Cesium-137	7.44E-02		1.08E-02	7.34E-03	1.20E-03	1.20E-01
BP-50-SUR	Cesium-137	5.13E-02		1.01E-02	8.05E-03	1.20E-03	1.20E-01
BP-51-SUR	Cesium-137	8.82E-02		1.16E-02	6.87E-03	1.20E-03	1.20E-01
BP-52-SUR	Cesium-137	1.76E-01		1.93E-02	6.59E-03	1.20E-03	1.20E-01
BP-53-SUR	Cesium-137	7.63E-02		1.25E-02	8.37E-03	1.20E-03	1.20E-01
BP-54-SUR	Cesium-137	5.85E-02		8.53E-03	5.95E-03	1.20E-03	1.20E-01
Bridle Path Subsurface Samples (Santa Susana Formation)							
BP-3-SUB	Cesium-137	2.78E-03		2.78E-03	4.55E-03	1.20E-03	1.20E-01
BP-4-SUB	Cesium-137	-5.01E-03	U	5.53E-03	9.07E-03	1.20E-03	1.20E-01
BP-5-SUB	Cesium-137	-3.32E-03	U	5.50E-03	9.06E-03	1.20E-03	1.20E-01
BP-9-SUB	Cesium-137	-5.64E-03	UL	4.74E-03	7.72E-03	1.20E-03	1.20E-01
BP-12-SUB	Cesium-137	-5.90E-03	UL	5.42E-03	8.84E-03	1.20E-03	1.20E-01
BP-13-SUB	Cesium-137	-9.95E-03	RU	5.85E-03	9.41E-03	1.20E-03	1.20E-01
BP-14-SUB	Cesium-137	-3.21E-03	U	5.59E-03	8.98E-03	1.20E-03	1.20E-01
BP-16-SUB	Cesium-137	1.71E-02		4.19E-03	6.04E-03	1.20E-03	1.20E-01
BP-20-SUB	Cesium-137	-4.48E-03	U	5.61E-03	9.05E-03	1.20E-03	1.20E-01
BP-23-SUB	Cesium-137	-3.12E-04	U	3.48E-03	5.78E-03	1.20E-03	1.20E-01
BP-29-SUB	Cesium-137	-1.88E-02	U	8.99E-02	1.64E-01	1.20E-03	1.20E-01
BP-34-SUB	Cesium-137	-5.93E-03	U	6.02E-03	9.73E-03	1.20E-03	1.20E-01

Table 12 - Cesium-137 Analytical Results

Sample ID	Analyte	Result (pCi/g)	Qualifier(s)	Uncertainty (+/- pCi/g)	MDC (pCi/g)	Agricultural 10^{-6} PRG (pCi/g)	Agricultural 10^{-4} PRG (pCi/g)
BP-35-SUB	Cesium-137	-5.25E-03	UL	4.73E-03	7.73E-03	1.20E-03	1.20E-01
BP-38-SUB	Cesium-137	-3.36E-03	U	5.91E-03	9.50E-03	1.20E-03	1.20E-01
BP-43-SUB	Cesium-137	-6.47E-03	U	6.65E-03	9.18E-03	1.20E-03	1.20E-01
BP-45-SUB	Cesium-137	2.19E-03	U	4.03E-03	6.66E-03	1.20E-03	1.20E-01
BP-46-SUB	Cesium-137	-4.87E-03	U	8.47E-03	1.07E-02	1.20E-03	1.20E-01
BP-48-SUB	Cesium-137	-7.03E-03	UL	6.42E-03	9.18E-03	1.20E-03	1.20E-01
BP-50-SUB	Cesium-137	2.94E-05	U	5.04E-03	8.39E-03	1.20E-03	1.20E-01
BP-51-SUB	Cesium-137	-8.71E-03	UL	6.17E-03	9.89E-03	1.20E-03	1.20E-01
Distance Test Locations							
NW-2-SUR (SP-10)	Cesium-137	9.46E-02		1.15E-02	6.45E-03	1.20E-03	1.20E-01
NW-3-SUR (SP-13)	Cesium-137	3.94E-02		6.09E-03	6.35E-03	1.20E-03	1.20E-01
NW-4-SUR (LP-14)	Cesium-137	1.19E-01		1.49E-02	6.85E-03	1.20E-03	1.20E-01
NW-5-SUR (LP-7)	Cesium-137	1.31E-01		1.56E-02	7.18E-03	1.20E-03	1.20E-01
NW-6-SUR (LP-8)	Cesium-137	1.75E-01		2.02E-02	7.20E-03	1.20E-03	1.20E-01
SW-1-SUR (Z-10)	Cesium-137	1.03E-02		4.26E-03	6.60E-03	1.20E-03	1.20E-01
SW-3-SUR (Z-4)	Cesium-137	3.19E-01		3.56E-02	6.31E-03	1.20E-03	1.20E-01
SW-5-SUR (Z-14)	Cesium-137	-2.26E-03	U	6.86E-03	8.36E-03	1.20E-03	1.20E-01
SW-6-SUR (Z-13)	Cesium-137	9.96E-03		4.76E-03	7.50E-03	1.20E-03	1.20E-01
SW-7-SUR (Z-3)	Cesium-137	8.92E-03		5.49E-03	8.82E-03	1.20E-03	1.20E-01
SE-1-SUR (SR-2)	Cesium-137	8.63E-03		3.57E-03	5.52E-03	1.20E-03	1.20E-01
SE-2-SUR (SR-3)	Cesium-137	4.45E-03		3.60E-03	5.84E-03	1.20E-03	1.20E-01
SE-3-SUR (TP-11)	Cesium-137	1.62E-02		3.62E-03	5.03E-03	1.20E-03	1.20E-01
SE-4-SUR (TP-14)	Cesium-137	9.00E-03		3.14E-03	2.89E-03	1.20E-03	1.20E-01
SE-6-SUR (TP-16)	Cesium-137	2.33E-02		4.83E-03	6.23E-03	1.20E-03	1.20E-01
NE-1-SUR (RC-7)	Cesium-137	1.21E-01		1.45E-02	7.45E-03	1.20E-03	1.20E-01
NE-3-SUR (SCT-5	Cesium-137	9.76E-02		1.17E-02	5.95E-03	1.20E-03	1.20E-01
NE-4-SUR (SCT-9)	Cesium-137	1.49E-01		1.77E-02	5.94E-03	1.20E-03	1.20E-01
NE-5-SUR (SCT-10)	Cesium-137	1.04E-01		1.33E-02	6.09E-03	1.20E-03	1.20E-01
NE-6-SUR (SCT-11)	Cesium-137	7.54E-02		1.06E-02	6.13E-03	1.20E-03	1.20E-01

Notes:

pCi/g - Picocuries per gram of dry soil. Analyses for H-3, C-14, Tc-99, and I-129 are reported in units of pCi per gram of "as-received" soil.

MDC - Minimum Detectable Concentration

PRG - Preliminary Remediation Goal

Uncertainty - Reported at the 1.96σ Confidence Interval. Gamma Spec. Reported at the 2σ Confidence Interval.

Data Qualifiers:

B - Analyte present, but not detected substantially above the level reported in laboratory or field blanks.

J - The analyte was detected at the reported concentration: the quantitation is an estimate.

K - Analyte present. Reported value may be biased high. Actual value is expected to be lower.

L - Analyte present. Reported value may be biased low. Actual value is expected to be higher.

R - The result is rejected due to serious deficiences in the ability to analyze the sample and meet the Quality Control criteria.

U - Not considered detected. The associated number is the reported concentration.

UJ - Not considered detected. The associated number is the reported concentration which may be inaccurate.

UL - Not considered detected. The associated number is the reported concentration which may be inaccurate due to a low bias.

X - Excluded. The data point is associated with reanalyses or diluted analyses and is excluded because another result has been selecetd as the definitive result for the analyte

These results are qualified based on the usability of the data for its intended purpose, which is to develop a statistical profile against which to compare individual on-site sample results, to determine the extent of potential site contamination that may be attributable to site activities.

Table 13 - Cobalt-60 Analytical Results

Sample ID	Analyte	Result (pCi/g)	Qualifier(s)	Uncertainty (+/- pCi/g)	MDC (pCi/g)	Agricultural 10^{-6} PRG (pCi/g)	Agricultural 10^{-4} PRG (pCi/g)
Lang Ranch Surface Samples (Chatsworth Formation)							
LR-1-SUR	Cobalt-60	-3.81E-03	U	7.98E-03	8.10E-03	9.01E-04	9.01E-02
LR-2-SUR	Cobalt-60	-1.17E-03	U	3.55E-02	7.44E-03	9.01E-04	9.01E-02
LR-3-SUR	Cobalt-60	1.49E-03	U	2.30E-03	7.60E-03	9.01E-04	9.01E-02
LR-4-SUR	Cobalt-60	5.02E-04	U	4.78E-03	7.99E-03	9.01E-04	9.01E-02
LR-5-SUR	Cobalt-60	-1.07E-03	U	6.35E-02	8.36E-03	9.01E-04	9.01E-02
LR-6-SUR	Cobalt-60	2.10E-05	U	3.80E-03	6.41E-03	9.01E-04	9.01E-02
LR-7-SUR	Cobalt-60	-9.45E-04	U	2.93E-01	7.15E-03	9.01E-04	9.01E-02
LR-8-SUR	Cobalt-60	-7.43E-04	U	3.70E-02	6.24E-03	9.01E-04	9.01E-02
LR-9-SUR	Cobalt-60	-1.35E-04	U	6.58E-03	8.30E-03	9.01E-04	9.01E-02
LR-10-SUR	Cobalt-60	-1.20E-03	U	1.47E-02	8.85E-03	9.01E-04	9.01E-02
LR-11-SUR	Cobalt-60	-2.69E-03	U	1.56E-01	8.38E-03	9.01E-04	9.01E-02
LR-12-SUR	Cobalt-60	9.09E-04	U	4.83E-03	8.05E-03	9.01E-04	9.01E-02
LR-13-SUR	Cobalt-60	4.67E-03	U	5.24E-03	7.82E-03	9.01E-04	9.01E-02
LR-14-SUR	Cobalt-60	6.06E-05	U	4.67E-03	7.81E-03	9.01E-04	9.01E-02
LR-15-SUR	Cobalt-60	-1.46E-03	U	1.03E-02	8.43E-03	9.01E-04	9.01E-02
LR-16-SUR	Cobalt-60	-4.14E-05	U	5.56E-03	7.71E-03	9.01E-04	9.01E-02
LR-17-SUR	Cobalt-60	5.65E-03	B	3.96E-03	7.16E-03	9.01E-04	9.01E-02
LR-18-SUR	Cobalt-60	1.77E-03	U	3.78E-03	6.28E-03	9.01E-04	9.01E-02
LR-19-SUR	Cobalt-60	-5.40E-04	U	1.52E-02	8.61E-03	9.01E-04	9.01E-02
LR-20-SUR	Cobalt-60	-1.32E-03	U	1.21E-02	8.66E-03	9.01E-04	9.01E-02
LR-21-SUR	Cobalt-60	-1.47E-03	U	3.51E-02	8.43E-03	9.01E-04	9.01E-02
LR-22-SUR	Cobalt-60	-5.42E-04	U	1.33E-02	7.51E-03	9.01E-04	9.01E-02
LR-23-SUR	Cobalt-60	-1.24E-03	U	5.38E-02	8.11E-03	9.01E-04	9.01E-02
LR-24-SUR	Cobalt-60	-9.58E-04	U	1.62E-01	8.01E-03	9.01E-04	9.01E-02
LR-25-SUR	Cobalt-60	1.20E-03	U	5.03E-03	8.40E-03	9.01E-04	9.01E-02
LR-26-SUR	Cobalt-60	4.77E-04	U	4.65E-03	7.79E-03	9.01E-04	9.01E-02
LR-27-SUR	Cobalt-60	1.76E-03	U	4.75E-03	7.89E-03	9.01E-04	9.01E-02
Lang Ranch Subsurface Samples (Chatsworth Formation)							
LR-3-SUB	Cobalt-60	-3.73E-04	U	8.55E-03	6.90E-03	9.01E-04	9.01E-02
LR-4-SUB	Cobalt-60	7.06E-04	U	4.42E-03	7.38E-03	9.01E-04	9.01E-02
LR-9-SUB	Cobalt-60	-2.55E-04	U	1.19E-02	7.74E-03	9.01E-04	9.01E-02
LR-13-SUB	Cobalt-60	-6.35E-04	U	1.50E-01	8.26E-03	9.01E-04	9.01E-02
LR-15-SUB	Cobalt-60	-2.64E-03	U	9.56E+00	1.00E-02	9.01E-04	9.01E-02
LR-18-SUB	Cobalt-60	-4.38E-03	U	2.05E-02	9.02E-03	9.01E-04	9.01E-02
LR-19-SUB	Cobalt-60	-2.48E-03	U	5.14E-01	8.82E-03	9.01E-04	9.01E-02
LR-23-SUB	Cobalt-60	3.97E-03	U	3.99E-03	6.54E-03	9.01E-04	9.01E-02
LR-24-SUB	Cobalt-60	1.61E-03	U	3.18E-03	7.88E-03	9.01E-04	9.01E-02
LR-26-SUB	Cobalt-60	1.23E-04	U	4.33E-03	7.24E-03	9.01E-04	9.01E-02
Rocky Peak Surface Samples (Chatsworth Formation)							
RP-1-SUR	Cobalt-60	-5.85E-04	U	1.04E-02	6.97E-03	9.01E-04	9.01E-02
RP-2-SUR	Cobalt-60	-1.29E-03	U	4.61E-03	5.08E-03	9.01E-04	9.01E-02
RP-3-SUR	Cobalt-60	-1.06E-03	U	1.25E-01	6.47E-03	9.01E-04	9.01E-02
RP-4-SUR	Cobalt-60	3.88E-03	B	3.41E-03	6.29E-03	9.01E-04	9.01E-02
RP-5-SUR	Cobalt-60	2.86E-03	U	3.19E-03	7.22E-03	9.01E-04	9.01E-02
RP-6-SUR	Cobalt-60	5.35E-03	B	4.48E-03	7.27E-03	9.01E-04	9.01E-02
RP-7-SUR	Cobalt-60	2.65E-03	U	4.40E-03	7.30E-03	9.01E-04	9.01E-02
RP-8-SUR	Cobalt-60	6.64E-04	U	4.61E-03	7.71E-03	9.01E-04	9.01E-02
RP-9-SUR	Cobalt-60	2.47E-03	U	4.15E-03	4.69E-03	9.01E-04	9.01E-02
RP-10-SUR	Cobalt-60	3.23E-03	U	3.53E-03	7.19E-03	9.01E-04	9.01E-02
RP-11-SUR	Cobalt-60	-1.01E-03	U	2.62E-01	7.58E-03	9.01E-04	9.01E-02
RP-12-SUR	Cobalt-60	2.70E-03	U	4.08E-03	6.73E-03	9.01E-04	9.01E-02
RP-13-SUR	Cobalt-60	1.49E-03	U	4.06E-03	6.73E-03	9.01E-04	9.01E-02
RP-14-SUR	Cobalt-60	-1.44E-04	U	1.48E-02	6.18E-03	9.01E-04	9.01E-02
RP-15-SUR	Cobalt-60	2.62E-03	U	4.18E-03	6.91E-03	9.01E-04	9.01E-02
RP-16-SUR	Cobalt-60	2.12E-03	U	4.08E-03	6.74E-03	9.01E-04	9.01E-02
RP-17-SUR	Cobalt-60	-5.03E-05	U	6.25E-03	6.85E-03	9.01E-04	9.01E-02
RP-18-SUR	Cobalt-60	-2.04E-04	U	3.97E-02	7.09E-03	9.01E-04	9.01E-02
RP-19-SUR	Cobalt-60	1.27E-04	U	3.85E-03	6.43E-03	9.01E-04	9.01E-02
RP-20-SUR	Cobalt-60	-7.64E-04	U	2.72E-02	5.71E-03	9.01E-04	9.01E-02
RP-21-SUR	Cobalt-60	-3.31E-04	U	1.22E-02	6.92E-03	9.01E-04	9.01E-02
RP-22-SUR	Cobalt-60	-3.97E-04	U	1.47E-02	6.41E-03	9.01E-04	9.01E-02
RP-23-SUR	Cobalt-60	5.58E-03	B	5.50E-03	5.67E-03	9.01E-04	9.01E-02
RP-24-SUR	Cobalt-60	1.51E-03	U	4.14E-03	6.88E-03	9.01E-04	9.01E-02
RP-25-SUR	Cobalt-60	5.53E-04	U	3.80E-03	6.37E-03	9.01E-04	9.01E-02
RP-26-SUR	Cobalt-60	-2.45E-03	U	7.45E-03	7.28E-03	9.01E-04	9.01E-02
RP-27-SUR	Cobalt-60	8.27E-04	U	4.39E-03	7.33E-03	9.01E-04	9.01E-02
RP-28-SUR	Cobalt-60	1.01E-02	K	6.61E-03	5.99E-03	9.01E-04	9.01E-02
Rocky Peak Subsurface Samples (Chatsworth Formation)							
RP-1-SUB	Cobalt-60	-1.24E-04	U	4.77E-03	5.36E-03	9.01E-04	9.01E-02
RP-5-SUB	Cobalt-60	-3.09E-05	U	4.52E-03	7.32E-03	9.01E-04	9.01E-02
RP-7-SUB	Cobalt-60	-1.14E-03	U	2.64E-02	7.42E-03	9.01E-04	9.01E-02
RP-12-SUB	Cobalt-60	1.98E-03	U	3.86E-03	6.42E-03	9.01E-04	9.01E-02

Table 13 - Cobalt-60 Analytical Results

Sample ID	Analyte	Result (pCi/g)	Qualifier(s)	Uncertainty (+/- pCi/g)	MDC (pCi/g)	Agricultural 10^{-6} PRG (pCi/g)	Agricultural 10^{-4} PRG (pCi/g)
RP-13-SUB	Cobalt-60	6.58E-04	U	4.29E-03	7.18E-03	9.01E-04	9.01E-02
RP-17-SUB	Cobalt-60	6.98E-04	U	4.32E-03	7.20E-03	9.01E-04	9.01E-02
RP-18-SUB	Cobalt-60	-4.88E-04	U	3.15E-02	7.36E-03	9.01E-04	9.01E-02
RP-19-SUB	Cobalt-60	-6.29E-04	U	2.52E-02	6.91E-03	9.01E-04	9.01E-02
RP-20-SUB	Cobalt-60	1.43E-04	U	3.94E-03	6.58E-03	9.01E-04	9.01E-02
RP-28-SUB	Cobalt-60	-1.55E-03	U	4.16E-03	6.90E-03	9.01E-04	9.01E-02
Bridle Path Surface Samples (Santa Susana Formation)							
BP-1-SUR	Cobalt-60	-4.96E-04	U	2.82E-02	7.86E-03	9.01E-04	9.01E-02
BP-2-SUR	Cobalt-60	1.66E-03	U	4.85E-03	8.06E-03	9.01E-04	9.01E-02
BP-3-SUR	Cobalt-60	2.75E-03	U	4.16E-03	8.10E-03	9.01E-04	9.01E-02
BP-4-SUR	Cobalt-60	1.83E-03	U	4.94E-03	8.21E-03	9.01E-04	9.01E-02
BP-5-SUR	Cobalt-60	1.69E-03	U	4.99E-03	8.30E-03	9.01E-04	9.01E-02
BP-6-SUR	Cobalt-60	1.68E-03	U	4.95E-03	8.23E-03	9.01E-04	9.01E-02
BP-7-SUR	Cobalt-60	-2.34E-03	U	2.49E-02	8.34E-03	9.01E-04	9.01E-02
BP-8-SUR	Cobalt-60	-2.32E-03	U	2.88E-02	8.23E-03	9.01E-04	9.01E-02
BP-9-SUR	Cobalt-60	-5.86E-03	U	1.79E-02	8.39E-03	9.01E-04	9.01E-02
BP-10-SUR	Cobalt-60	-2.79E-03	U	4.81E-02	7.17E-03	9.01E-04	9.01E-02
BP-11-SUR	Cobalt-60	-3.46E-03	U	2.36E-01	8.36E-03	9.01E-04	9.01E-02
BP-12-SUR	Cobalt-60	-3.56E-03	U	1.63E-01	7.47E-03	9.01E-04	9.01E-02
BP-13-SUR	Cobalt-60	-1.47E-03	U	9.73E-03	8.40E-03	9.01E-04	9.01E-02
BP-14-SUR	Cobalt-60	-3.64E-03	U	9.80E-02	7.99E-03	9.01E-04	9.01E-02
BP-15-SUR	Cobalt-60	-6.69E-03	U	1.47E-02	8.17E-03	9.01E-04	9.01E-02
BP-16-SUR	Cobalt-60	-1.40E-03	U	1.17E-02	8.20E-03	9.01E-04	9.01E-02
BP-17-SUR	Cobalt-60	9.59E-04	U	4.62E-03	7.71E-03	9.01E-04	9.01E-02
BP-18-SUR	Cobalt-60	-1.63E-03	U	2.06E-02	8.06E-03	9.01E-04	9.01E-02
BP-19-SUR	Cobalt-60	-2.58E-03	U	8.92E-03	9.04E-03	9.01E-04	9.01E-02
BP-20-SUR	Cobalt-60	-2.45E-03	U	1.26E-02	8.44E-03	9.01E-04	9.01E-02
BP-21-SUR	Cobalt-60	-1.51E-03	U	2.69E-02	8.22E-03	9.01E-04	9.01E-02
BP-22-SUR	Cobalt-60	-1.67E-03	U	7.51E-03	9.41E-03	9.01E-04	9.01E-02
BP-23-SUR	Cobalt-60	7.87E-03	B	7.79E-03	7.73E-03	9.01E-04	9.01E-02
BP-24-SUR	Cobalt-60	2.27E-03	U	7.05E-03	7.65E-03	9.01E-04	9.01E-02
BP-25-SUR	Cobalt-60	5.56E-03	U	5.80E-03	7.51E-03	9.01E-04	9.01E-02
BP-26-SUR	Cobalt-60	7.28E-03	B	5.74E-03	6.99E-03	9.01E-04	9.01E-02
BP-27-SUR	Cobalt-60	-3.32E-03	U	1.02E-02	9.35E-03	9.01E-04	9.01E-02
BP-28-SUR	Cobalt-60	4.11E-03	U	4.90E-03	6.42E-03	9.01E-04	9.01E-02
BP-29-SUR	Cobalt-60	-8.12E-04	U	7.41E-03	8.59E-03	9.01E-04	9.01E-02
BP-30-SUR	Cobalt-60	-1.98E-03	U	7.63E-02	8.15E-03	9.01E-04	9.01E-02
BP-31-SUR	Cobalt-60	-1.52E-03	U	1.26E-02	8.64E-03	9.01E-04	9.01E-02
BP-32-SUR	Cobalt-60	9.21E-04	U	5.21E-03	8.76E-03	9.01E-04	9.01E-02
BP-33-SUR	Cobalt-60	-2.93E-03	U	6.81E-02	7.77E-03	9.01E-04	9.01E-02
BP-34-SUR	Cobalt-60	3.01E-04	U	5.40E-03	9.10E-03	9.01E-04	9.01E-02
BP-35-SUR	Cobalt-60	-3.28E-03	U	4.88E-01	8.22E-03	9.01E-04	9.01E-02
BP-36-SUR	Cobalt-60	2.79E-03	U	3.13E-03	7.88E-03	9.01E-04	9.01E-02
BP-37-SUR	Cobalt-60	1.78E-04	U	4.77E-03	7.97E-03	9.01E-04	9.01E-02
BP-38-SUR	Cobalt-60	-2.46E-03	U	1.35E-01	7.94E-03	9.01E-04	9.01E-02
BP-39-SUR	Cobalt-60	-1.05E-03	U	3.12E-02	6.84E-03	9.01E-04	9.01E-02
BP-40-SUR	Cobalt-60	-2.50E-03	U	1.16E-01	7.83E-03	9.01E-04	9.01E-02
BP-41-SUR	Cobalt-60	3.72E-04	U	5.20E-03	8.74E-03	9.01E-04	9.01E-02
BP-42-SUR	Cobalt-60	-5.27E-03	U	1.11E-02	7.54E-03	9.01E-04	9.01E-02
BP-43-SUR	Cobalt-60	-3.12E-04	U	6.32E-03	8.38E-03	9.01E-04	9.01E-02
BP-44-SUR	Cobalt-60	-3.17E-03	U	2.67E-02	8.05E-03	9.01E-04	9.01E-02
BP-45-SUR	Cobalt-60	9.91E-04	U	5.04E-03	8.45E-03	9.01E-04	9.01E-02
BP-46-SUR	Cobalt-60	9.98E-04	U	3.94E-03	6.60E-03	9.01E-04	9.01E-02
BP-47-SUR	Cobalt-60	-1.60E-03	U	1.38E-02	7.60E-03	9.01E-04	9.01E-02
BP-48-SUR	Cobalt-60	-1.34E-03	U	2.08E-01	7.91E-03	9.01E-04	9.01E-02
BP-49-SUR	Cobalt-60	4.96E-03	U	7.05E-03	6.45E-03	9.01E-04	9.01E-02
BP-50-SUR	Cobalt-60	-4.73E-04	U	1.08E-02	7.95E-03	9.01E-04	9.01E-02
BP-51-SUR	Cobalt-60	-3.17E-03	U	2.02E-01	6.06E-03	9.01E-04	9.01E-02
BP-52-SUR	Cobalt-60	-1.02E-03	U	8.47E-03	7.24E-03	9.01E-04	9.01E-02
BP-53-SUR	Cobalt-60	1.47E-03	U	4.95E-03	8.26E-03	9.01E-04	9.01E-02
BP-54-SUR	Cobalt-60	8.07E-04	U	3.96E-03	6.64E-03	9.01E-04	9.01E-02
Bridle Path Subsurface Samples (Santa Susana Formation)							
BP-3-SUB	Cobalt-60	-7.52E-04	U	6.31E-03	7.47E-03	9.01E-04	9.01E-02
BP-4-SUB	Cobalt-60	2.76E-03	U	4.54E-03	7.51E-03	9.01E-04	9.01E-02
BP-5-SUB	Cobalt-60	-1.12E-04	U	5.54E-03	7.81E-03	9.01E-04	9.01E-02
BP-9-SUB	Cobalt-60	-5.81E-03	U	1.05E-01	7.15E-03	9.01E-04	9.01E-02
BP-12-SUB	Cobalt-60	2.72E-03	U	4.38E-03	7.26E-03	9.01E-04	9.01E-02
BP-13-SUB	Cobalt-60	-1.86E-03	U	2.60E-02	7.94E-03	9.01E-04	9.01E-02
BP-14-SUB	Cobalt-60	-2.58E-03	U	1.29E-02	8.18E-03	9.01E-04	9.01E-02
BP-16-SUB	Cobalt-60	-2.64E-03	U	1.21E-02	7.08E-03	9.01E-04	9.01E-02
BP-20-SUB	Cobalt-60	1.26E-02		6.04E-03	5.94E-03	9.01E-04	9.01E-02
BP-23-SUB	Cobalt-60	6.20E-03	B	4.24E-03	5.11E-03	9.01E-04	9.01E-02
BP-29-SUB	Cobalt-60	-1.22E-03	U	4.89E-02	7.96E-02	9.01E-04	9.01E-02
BP-34-SUB	Cobalt-60	-1.57E-05	U	4.90E-03	7.98E-03	9.01E-04	9.01E-02

Table 13 - Cobalt-60 Analytical Results

Sample ID	Analyte	Result (pCi/g)	Qualifier(s)	Uncertainty (+/- pCi/g)	MDC (pCi/g)	Agricultural 10^{-6} PRG (pCi/g)	Agricultural 10^{-4} PRG (pCi/g)
BP-35-SUB	Cobalt-60	-3.58E-03	U	1.97E-02	7.29E-03	9.01E-04	9.01E-02
BP-38-SUB	Cobalt-60	-1.40E-03	U	8.73E-02	7.11E-03	9.01E-04	9.01E-02
BP-43-SUB	Cobalt-60	-7.49E-04	U	9.07E-03	8.48E-03	9.01E-04	9.01E-02
BP-45-SUB	Cobalt-60	-1.22E-03	U	1.55E-02	7.58E-03	9.01E-04	9.01E-02
BP-46-SUB	Cobalt-60	-3.34E-03	U	1.66E-01	9.82E-03	9.01E-04	9.01E-02
BP-48-SUB	Cobalt-60	-2.80E-03	U	8.17E-02	8.23E-03	9.01E-04	9.01E-02
BP-50-SUB	Cobalt-60	2.26E-03	U	4.77E-03	7.97E-03	9.01E-04	9.01E-02
BP-51-SUB	Cobalt-60	-1.55E-04	U	7.12E-03	7.82E-03	9.01E-04	9.01E-02
Distance Test Locations							
NW-2-SUR (SP-10)	Cobalt-60	-3.46E-04	U	9.83E-03	7.76E-03	9.01E-04	9.01E-02
NW-3-SUR (SP-13)	Cobalt-60	1.63E-03	U	3.32E-03	5.50E-03	9.01E-04	9.01E-02
NW-4-SUR (LP-14)	Cobalt-60	1.08E-03	U	4.69E-03	7.80E-03	9.01E-04	9.01E-02
NW-5-SUR (LP-7)	Cobalt-60	-1.60E-03	U	6.48E-03	8.70E-03	9.01E-04	9.01E-02
NW-6-SUR (LP-8)	Cobalt-60	-1.10E-03	U	7.01E-03	8.61E-03	9.01E-04	9.01E-02
SW-1-SUR (Z-10)	Cobalt-60	-4.55E-04	U	9.38E-03	8.51E-03	9.01E-04	9.01E-02
SW-3-SUR (Z-4)	Cobalt-60	-3.94E-05	U	8.63E-03	8.02E-03	9.01E-04	9.01E-02
SW-5-SUR (Z-14)	Cobalt-60	8.49E-04	U	4.96E-03	8.26E-03	9.01E-04	9.01E-02
SW-6-SUR (Z-13)	Cobalt-60	1.27E-03	U	5.62E-03	9.36E-03	9.01E-04	9.01E-02
SW-7-SUR (Z-3)	Cobalt-60	-4.69E-04	U	3.28E-01	8.53E-03	9.01E-04	9.01E-02
SE-1-SUR (SR-2)	Cobalt-60	-2.63E-04	U	1.05E-01	6.69E-03	9.01E-04	9.01E-02
SE-2-SUR (SR-3)	Cobalt-60	-1.56E-04	U	1.49E-02	7.59E-03	9.01E-04	9.01E-02
SE-3-SUR (TP-11)	Cobalt-60	3.07E-03	U	4.53E-03	4.94E-03	9.01E-04	9.01E-02
SE-4-SUR (TP-14)	Cobalt-60	9.08E-04	U	1.94E-03	3.25E-03	9.01E-04	9.01E-02
SE-6-SUR (TP-16)	Cobalt-60	-2.67E-04	U	1.41E-02	7.56E-03	9.01E-04	9.01E-02
NE-1-SUR (RC-7)	Cobalt-60	-2.55E-04	U	3.51E-02	9.12E-03	9.01E-04	9.01E-02
NE-3-SUR (SCT-5	Cobalt-60	1.04E-02	K	5.42E-03	5.16E-03	9.01E-04	9.01E-02
NE-4-SUR (SCT-9)	Cobalt-60	2.01E-05	U	3.58E-03	6.00E-03	9.01E-04	9.01E-02
NE-5-SUR (SCT-10)	Cobalt-60	1.98E-03	U	4.27E-03	7.07E-03	9.01E-04	9.01E-02
NE-6-SUR (SCT-11)	Cobalt-60	3.68E-04	U	4.08E-03	6.81E-03	9.01E-04	9.01E-02

Notes:

pCi/g - Picocuries per gram of dry soil. Analyses for H-3, C-14, Tc-99, and I-129 are reported in units of pCi per gram of "as-received" soil.

MDC - Minimum Detectable Concentration

PRG - Preliminary Remediation Goal

Uncertainty - Reported at the 1.96σ Confidence Interval. Gamma Spec. Reported at the 2σ Confidence Interval.

Data Qualifiers:

B - Analyte present, but not detected substantially above the level reported in laboratory or field blanks.

J - The analyte was detected at the reported concentration: the quantitation is an estimate.

K - Analyte present. Reported value may be biased high. Actual value is expected to be lower.

L - Analyte present. Reported value may be biased low. Actual value is expected to be higher.

R - The result is rejected due to serious deficiences in the ability to analyze the sample and meet the Quality Control criteria.

U - Not considered detected. The associated number is the reported concentration.

UJ - Not considered detected. The associated number is the reported concentration which may be inaccurate.

UL - Not considered detected. The associated number is the reported concentration which may be inaccurate due to a low bias.

X - Excluded. The data point is associated with reanalyses or diluted analyses and is excluded because another result has been selecetd as the definitive result for the analyte

These results are qualified based on the usability of the data for its intended purpose, which is to develop a statistical profile against which to compare individual on-site sample results, to determine the extent of potential site contamination that may be attributable to site activities.

Table 14 - Europium-152 Analytical Results

Sample ID	Analyte	Result (pCi/g)	Qualifier(s)	Uncertainty (+/- pCi/g)	MDC (pCi/g)	Agricultural 10^{-6} PRG (pCi/g)	Agricultural 10^{-4} PRG (pCi/g)
Lang Ranch Surface Samples (Chatsworth Formation)							
LR-1-SUR	Europium-152	-1.44E-02	U	1.95E-02	2.54E-02	3.76E-02	3.76E+00
LR-2-SUR	Europium-152	2.53E-02		1.27E-02	2.45E-02	3.76E-02	3.76E+00
LR-3-SUR	Europium-152	-1.23E-02	U	2.22E-02	2.78E-02	3.76E-02	3.76E+00
LR-4-SUR	Europium-152	1.23E-03	U	1.93E-03	2.76E-02	3.76E-02	3.76E+00
LR-5-SUR	Europium-152	-8.16E-03	U	2.56E-02	2.79E-02	3.76E-02	3.76E+00
LR-6-SUR	Europium-152	-1.64E-02	U	2.04E-02	2.71E-02	3.76E-02	3.76E+00
LR-7-SUR	Europium-152	4.88E-03	U	5.78E-03	2.75E-02	3.76E-02	3.76E+00
LR-8-SUR	Europium-152	-9.64E-03	U	2.30E-02	2.69E-02	3.76E-02	3.76E+00
LR-9-SUR	Europium-152	-9.93E-03	U	2.38E-02	2.76E-02	3.76E-02	3.76E+00
LR-10-SUR	Europium-152	-1.42E-02	U	1.67E-02	2.73E-02	3.76E-02	3.76E+00
LR-11-SUR	Europium-152	-6.51E-03	U	1.72E-02	2.84E-02	3.76E-02	3.76E+00
LR-12-SUR	Europium-152	-1.05E-02	U	1.65E-02	2.72E-02	3.76E-02	3.76E+00
LR-13-SUR	Europium-152	-5.73E-03	U	1.40E-02	2.31E-02	3.76E-02	3.76E+00
LR-14-SUR	Europium-152	-7.55E-03	U	1.56E-02	2.58E-02	3.76E-02	3.76E+00
LR-15-SUR	Europium-152	-1.09E-02	U	1.68E-02	2.76E-02	3.76E-02	3.76E+00
LR-16-SUR	Europium-152	3.68E-03	U	3.84E-03	2.58E-02	3.76E-02	3.76E+00
LR-17-SUR	Europium-152	-4.35E-03	U	1.49E-02	2.46E-02	3.76E-02	3.76E+00
LR-18-SUR	Europium-152	-1.10E-02	U	1.68E-02	2.77E-02	3.76E-02	3.76E+00
LR-19-SUR	Europium-152	-1.28E-03	U	4.67E-01	2.90E-02	3.76E-02	3.76E+00
LR-20-SUR	Europium-152	-7.87E-03	U	1.56E-02	2.58E-02	3.76E-02	3.76E+00
LR-21-SUR	Europium-152	-1.26E-02	U	2.18E-02	2.89E-02	3.76E-02	3.76E+00
LR-22-SUR	Europium-152	-1.82E-02	U	1.89E-02	2.67E-02	3.76E-02	3.76E+00
LR-23-SUR	Europium-152	-8.80E-03	U	2.25E-02	2.75E-02	3.76E-02	3.76E+00
LR-24-SUR	Europium-152	-1.40E-02	U	1.95E-02	2.67E-02	3.76E-02	3.76E+00
LR-25-SUR	Europium-152	-9.27E-03	U	2.32E-02	2.85E-02	3.76E-02	3.76E+00
LR-26-SUR	Europium-152	-1.22E-02	U	2.15E-02	2.82E-02	3.76E-02	3.76E+00
LR-27-SUR	Europium-152	-1.21E-02	U	3.51E-02	2.75E-02	3.76E-02	3.76E+00
Lang Ranch Subsurface Samples (Chatsworth Formation)							
LR-3-SUB	Europium-152	-1.09E-02	U	2.17E-02	2.80E-02	3.76E-02	3.76E+00
LR-4-SUB	Europium-152	-1.23E-03	U	7.98E-01	2.59E-02	3.76E-02	3.76E+00
LR-9-SUB	Europium-152	9.69E-04	U	1.54E-03	2.73E-02	3.76E-02	3.76E+00
LR-13-SUB	Europium-152	4.00E-03		3.65E-03	2.48E-02	3.76E-02	3.76E+00
LR-15-SUB	Europium-152	-1.53E-02	U	1.93E-02	3.16E-02	3.76E-02	3.76E+00
LR-18-SUB	Europium-152	-2.00E-02	UL	1.79E-02	2.92E-02	3.76E-02	3.76E+00
LR-19-SUB	Europium-152	-1.38E-02	U	1.80E-02	2.95E-02	3.76E-02	3.76E+00
LR-23-SUB	Europium-152	-1.82E-02	U	1.82E-02	2.98E-02	3.76E-02	3.76E+00
LR-24-SUB	Europium-152	1.15E-02		9.29E-03	2.72E-02	3.76E-02	3.76E+00
LR-26-SUB	Europium-152	-8.83E-03	U	1.52E-02	2.51E-02	3.76E-02	3.76E+00
Rocky Peak Surface Samples (Chatsworth Formation)							
RP-1-SUR	Europium-152	-1.18E-02	U	1.40E-02	2.29E-02	3.76E-02	3.76E+00
RP-2-SUR	Europium-152	1.28E-02		1.07E-02	1.63E-02	3.76E-02	3.76E+00
RP-3-SUR	Europium-152	-1.08E-02	U	1.41E-02	2.27E-02	3.76E-02	3.76E+00
RP-4-SUR	Europium-152	-1.27E-02	U	1.41E-02	2.30E-02	3.76E-02	3.76E+00
RP-5-SUR	Europium-152	1.25E-02		9.35E-03	2.35E-02	3.76E-02	3.76E+00
RP-6-SUR	Europium-152	-6.19E-03	U	1.46E-02	2.39E-02	3.76E-02	3.76E+00
RP-7-SUR	Europium-152	-1.14E-02	U	1.42E-02	2.28E-02	3.76E-02	3.76E+00
RP-8-SUR	Europium-152	-9.39E-03	U	1.53E-02	2.46E-02	3.76E-02	3.76E+00
RP-9-SUR	Europium-152	-5.22E-03	U	1.20E-02	1.97E-02	3.76E-02	3.76E+00
RP-10-SUR	Europium-152	6.90E-03	U	7.20E-03	2.40E-02	3.76E-02	3.76E+00
RP-11-SUR	Europium-152	-7.37E-03	U	1.41E-02	2.24E-02	3.76E-02	3.76E+00
RP-12-SUR	Europium-152	-5.69E-03	U	1.35E-02	2.21E-02	3.76E-02	3.76E+00
RP-13-SUR	Europium-152	-1.00E-02	U	1.27E-02	2.08E-02	3.76E-02	3.76E+00
RP-14-SUR	Europium-152	3.01E-03	U	4.99E-03	2.23E-02	3.76E-02	3.76E+00
RP-15-SUR	Europium-152	-7.12E-03	U	1.40E-02	2.30E-02	3.76E-02	3.76E+00
RP-16-SUR	Europium-152	-1.02E-02	U	1.36E-02	2.22E-02	3.76E-02	3.76E+00
RP-17-SUR	Europium-152	-3.73E-03	U	1.37E-02	2.23E-02	3.76E-02	3.76E+00
RP-18-SUR	Europium-152	-2.28E-03	U	1.11E-02	1.79E-02	3.76E-02	3.76E+00
RP-19-SUR	Europium-152	7.90E-03	U	1.00E-02	1.65E-02	3.76E-02	3.76E+00
RP-20-SUR	Europium-152	-1.14E-02	U	1.50E-02	2.46E-02	3.76E-02	3.76E+00
RP-21-SUR	Europium-152	-3.89E-03	U	1.35E-02	2.24E-02	3.76E-02	3.76E+00

Table 14 - Europium-152 Analytical Results

Sample ID	Analyte	Result (pCi/g)	Qualifier(s)	Uncertainty (+/- pCi/g)	MDC (pCi/g)	Agricultural 10^{-6} PRG (pCi/g)	Agricultural 10^{-4} PRG (pCi/g)
RP-22-SUR	Europium-152	-7.35E-03	U	1.38E-02	2.28E-02	3.76E-02	3.76E+00
RP-23-SUR	Europium-152	-1.18E-02	U	1.61E-02	2.49E-02	3.76E-02	3.76E+00
RP-24-SUR	Europium-152	6.11E-03	U	8.70E-03	2.29E-02	3.76E-02	3.76E+00
RP-25-SUR	Europium-152	-6.93E-03	U	2.15E-02	2.41E-02	3.76E-02	3.76E+00
RP-26-SUR	Europium-152	2.89E-03	U	1.43E-02	2.36E-02	3.76E-02	3.76E+00
RP-27-SUR	Europium-152	-7.99E-03	U	2.04E-02	2.41E-02	3.76E-02	3.76E+00
RP-28-SUR	Europium-152	3.89E-03	U	4.76E-03	2.41E-02	3.76E-02	3.76E+00
Rocky Peak Subsurface Samples (Chatsworth Formation)							
RP-1-SUB	Europium-152	-4.39E-03	U	2.45E-02	2.26E-02	3.76E-02	3.76E+00
RP-5-SUB	Europium-152	-1.10E-02	U	1.51E-02	2.41E-02	3.76E-02	3.76E+00
RP-7-SUB	Europium-152	-5.98E-03	U	1.53E-02	2.40E-02	3.76E-02	3.76E+00
RP-12-SUB	Europium-152	-4.14E-03	U	1.39E-02	2.16E-02	3.76E-02	3.76E+00
RP-13-SUB	Europium-152	-3.15E-05	U	4.02E-05	2.38E-02	3.76E-02	3.76E+00
RP-17-SUB	Europium-152	-4.79E-03	U	1.44E-02	2.38E-02	3.76E-02	3.76E+00
RP-18-SUB	Europium-152	-4.29E-03	U	2.79E-02	2.46E-02	3.76E-02	3.76E+00
RP-19-SUB	Europium-152	-1.13E-02	U	1.85E-02	2.43E-02	3.76E-02	3.76E+00
RP-20-SUB	Europium-152	-7.05E-03	U	1.50E-02	2.38E-02	3.76E-02	3.76E+00
RP-28-SUB	Europium-152	-9.89E-03	U	1.43E-02	2.29E-02	3.76E-02	3.76E+00
Bridle Path Surface Samples (Santa Susana Formation)							
BP-1-SUR	Europium-152	7.72E-04	U	1.65E-02	2.73E-02	3.76E-02	3.76E+00
BP-2-SUR	Europium-152	-1.21E-02	U	1.74E-02	2.87E-02	3.76E-02	3.76E+00
BP-3-SUR	Europium-152	-1.41E-02	U	1.75E-02	2.88E-02	3.76E-02	3.76E+00
BP-4-SUR	Europium-152	-6.70E-03	U	1.78E-02	2.94E-02	3.76E-02	3.76E+00
BP-5-SUR	Europium-152	-1.38E-02	U	1.86E-02	3.06E-02	3.76E-02	3.76E+00
BP-6-SUR	Europium-152	-1.10E-02	U	1.88E-02	3.09E-02	3.76E-02	3.76E+00
BP-7-SUR	Europium-152	-1.56E-02	U	1.85E-02	2.95E-02	3.76E-02	3.76E+00
BP-8-SUR	Europium-152	-1.81E-02	UL	1.75E-02	2.81E-02	3.76E-02	3.76E+00
BP-9-SUR	Europium-152	-8.05E-03	U	1.95E-02	3.07E-02	3.76E-02	3.76E+00
BP-10-SUR	Europium-152	-1.67E-02	U	1.86E-02	2.98E-02	3.76E-02	3.76E+00
BP-11-SUR	Europium-152	-1.08E-02	U	1.85E-02	2.94E-02	3.76E-02	3.76E+00
BP-12-SUR	Europium-152	-1.34E-02	U	1.81E-02	2.89E-02	3.76E-02	3.76E+00
BP-13-SUR	Europium-152	-1.80E-02	U	1.89E-02	3.10E-02	3.76E-02	3.76E+00
BP-14-SUR	Europium-152	-7.64E-03	U	1.77E-02	2.79E-02	3.76E-02	3.76E+00
BP-15-SUR	Europium-152	-1.23E-02	U	1.88E-02	3.01E-02	3.76E-02	3.76E+00
BP-16-SUR	Europium-152	-1.15E-02	U	1.85E-02	2.95E-02	3.76E-02	3.76E+00
BP-17-SUR	Europium-152	4.89E-03		3.83E-03	2.80E-02	3.76E-02	3.76E+00
BP-18-SUR	Europium-152	1.52E-02		1.10E-02	2.91E-02	3.76E-02	3.76E+00
BP-19-SUR	Europium-152	-1.98E-03	U	4.09E-01	2.40E-02	3.76E-02	3.76E+00
BP-20-SUR	Europium-152	1.68E-02		8.79E-03	3.08E-02	3.76E-02	3.76E+00
BP-21-SUR	Europium-152	2.00E-02		8.96E-03	3.00E-02	3.76E-02	3.76E+00
BP-22-SUR	Europium-152	-1.30E-02	U	2.32E-02	2.83E-02	3.76E-02	3.76E+00
BP-23-SUR	Europium-152	-2.55E-02	UL	2.08E-02	3.15E-02	3.76E-02	3.76E+00
BP-24-SUR	Europium-152	-8.54E-03	U	2.49E-02	3.25E-02	3.76E-02	3.76E+00
BP-25-SUR	Europium-152	-1.04E-02	U	2.31E-02	3.13E-02	3.76E-02	3.76E+00
BP-26-SUR	Europium-152	-9.09E-03	U	2.30E-02	3.06E-02	3.76E-02	3.76E+00
BP-27-SUR	Europium-152	-1.35E-02	U	2.12E-02	3.01E-02	3.76E-02	3.76E+00
BP-28-SUR	Europium-152	-3.70E-03	U	3.17E-02	3.01E-02	3.76E-02	3.76E+00
BP-29-SUR	Europium-152	-1.38E-02	U	1.83E-02	3.01E-02	3.76E-02	3.76E+00
BP-30-SUR	Europium-152	5.93E-03	U	6.29E-03	2.97E-02	3.76E-02	3.76E+00
BP-31-SUR	Europium-152	5.80E-03		4.90E-03	3.01E-02	3.76E-02	3.76E+00
BP-32-SUR	Europium-152	-1.29E-02	U	1.61E-02	2.65E-02	3.76E-02	3.76E+00
BP-33-SUR	Europium-152	-1.58E-02	U	2.05E-02	3.07E-02	3.76E-02	3.76E+00
BP-34-SUR	Europium-152	-1.47E-02	U	1.88E-02	3.08E-02	3.76E-02	3.76E+00
BP-35-SUR	Europium-152	-1.52E-02	U	1.97E-02	2.95E-02	3.76E-02	3.76E+00
BP-36-SUR	Europium-152	3.15E-03		2.75E-03	2.91E-02	3.76E-02	3.76E+00
BP-37-SUR	Europium-152	-1.00E-02	U	2.63E-02	2.83E-02	3.76E-02	3.76E+00
BP-38-SUR	Europium-152	-1.68E-02	U	1.75E-02	2.83E-02	3.76E-02	3.76E+00
BP-39-SUR	Europium-152	5.83E-03		5.53E-03	2.74E-02	3.76E-02	3.76E+00
BP-40-SUR	Europium-152	-1.77E-02	UL	1.72E-02	2.78E-02	3.76E-02	3.76E+00
BP-41-SUR	Europium-152	-1.24E-02	U	1.72E-02	2.82E-02	3.76E-02	3.76E+00
BP-42-SUR	Europium-152	-6.44E-03	U	1.71E-02	2.77E-02	3.76E-02	3.76E+00

Table 14 - Europium-152 Analytical Results

Sample ID	Analyte	Result (pCi/g)	Qualifier(s)	Uncertainty (+/- pCi/g)	MDC (pCi/g)	Agricultural 10^{-6} PRG (pCi/g)	Agricultural 10^{-4} PRG (pCi/g)
BP-43-SUR	Europium-152	-1.25E-02	U	1.69E-02	2.78E-02	3.76E-02	3.76E+00
BP-44-SUR	Europium-152	-7.80E-03	U	1.76E-02	2.85E-02	3.76E-02	3.76E+00
BP-45-SUR	Europium-152	2.24E-03		1.95E-03	2.78E-02	3.76E-02	3.76E+00
BP-46-SUR	Europium-152	-1.17E-02	U	1.83E-02	2.80E-02	3.76E-02	3.76E+00
BP-47-SUR	Europium-152	-1.62E-02	UL	1.43E-02	2.34E-02	3.76E-02	3.76E+00
BP-48-SUR	Europium-152	-1.71E-02	U	1.99E-02	3.08E-02	3.76E-02	3.76E+00
BP-49-SUR	Europium-152	-1.13E-02	U	1.54E-02	2.53E-02	3.76E-02	3.76E+00
BP-50-SUR	Europium-152	-1.99E-02	UL	1.86E-02	2.91E-02	3.76E-02	3.76E+00
BP-51-SUR	Europium-152	-1.34E-02	U	1.38E-02	2.26E-02	3.76E-02	3.76E+00
BP-52-SUR	Europium-152	-1.60E-02	UL	1.38E-02	2.26E-02	3.76E-02	3.76E+00
BP-53-SUR	Europium-152	-1.89E-02	UL	1.81E-02	2.80E-02	3.76E-02	3.76E+00
BP-54-SUR	Europium-152	-9.87E-03	U	1.33E-02	2.19E-02	3.76E-02	3.76E+00
Bridle Path Subsurface Samples (Santa Susana Formation)							
BP-3-SUB	Europium-152	3.02E-03		2.90E-03	2.20E-02	3.76E-02	3.76E+00
BP-4-SUB	Europium-152	-1.44E-02	U	1.79E-02	2.73E-02	3.76E-02	3.76E+00
BP-5-SUB	Europium-152	-1.02E-02	U	1.81E-02	2.74E-02	3.76E-02	3.76E+00
BP-9-SUB	Europium-152	8.60E-03	U	1.12E-02	1.84E-02	3.76E-02	3.76E+00
BP-12-SUB	Europium-152	5.31E-03		3.40E-03	2.71E-02	3.76E-02	3.76E+00
BP-13-SUB	Europium-152	-1.08E-02	U	1.77E-02	2.91E-02	3.76E-02	3.76E+00
BP-14-SUB	Europium-152	-1.14E-02	U	2.11E-02	2.74E-02	3.76E-02	3.76E+00
BP-16-SUB	Europium-152	-1.02E-02	U	1.44E-02	2.36E-02	3.76E-02	3.76E+00
BP-20-SUB	Europium-152	5.41E-03	U	5.65E-03	2.72E-02	3.76E-02	3.76E+00
BP-23-SUB	Europium-152	-7.04E-03	U	1.27E-02	2.10E-02	3.76E-02	3.76E+00
BP-29-SUB	Europium-152	3.06E-02	U	1.97E-01	3.65E-01	3.76E-02	3.76E+00
BP-34-SUB	Europium-152	-2.14E-02	UL	2.03E-02	2.95E-02	3.76E-02	3.76E+00
BP-35-SUB	Europium-152	-1.67E-02	UL	1.52E-02	2.48E-02	3.76E-02	3.76E+00
BP-38-SUB	Europium-152	-1.81E-02	U	2.11E-02	2.94E-02	3.76E-02	3.76E+00
BP-43-SUB	Europium-152	1.48E-02		1.23E-02	1.69E-02	3.76E-02	3.76E+00
BP-45-SUB	Europium-152	-2.13E-02	UL	1.82E-02	2.94E-02	3.76E-02	3.76E+00
BP-46-SUB	Europium-152	-1.47E-02	U	1.79E-02	2.93E-02	3.76E-02	3.76E+00
BP-48-SUB	Europium-152	-1.48E-02	U	1.72E-02	2.79E-02	3.76E-02	3.76E+00
BP-50-SUB	Europium-152	8.47E-03		7.30E-03	2.63E-02	3.76E-02	3.76E+00
BP-51-SUB	Europium-152	-1.72E-02	U	1.84E-02	3.01E-02	3.76E-02	3.76E+00

Notes:

pCi/g - Picocuries per gram of dry soil. Analyses for H-3, C-14, Tc-99, and I-129 are reported in units of pCi per gram of "as-received" soil.

MDC - Minimum Detectable Concentration

PRG - Preliminary Remediation Goal

Uncertainty - Reported at the 1.96σ Confidence Interval. Gamma Spec. Reported at the 2σ Confidence Interval.

Data Qualifiers:

B - Analyte present, but not detected substantially above the level reported in laboratory or field blanks.

J - The analyte was detected at the reported concentration: the quantitation is an estimate.

K - Analyte present. Reported value may be biased high. Actual value is expected to be lower.

L - Analyte present. Reported value may be biased low. Actual value is expected to be higher.

R - The result is rejected due to serious deficiences in the ability to analyze the sample and meet the Quality Control criteria.

U - Not considered detected. The associated number is the reported concentration.

UJ - Not considered detected. The associated number is the reported concentration which may be inaccurate.

UL - Not considered detected. The associated number is the reported concentration which may be inaccurate due to a low bias.

X - Excluded. The data point is associated with reanalyses or diluted analyses and is excluded because another result has been selecetd as the definitive result for the analyte

These results are qualified based on the usability of the data for its intended purpose, which is to develop a statistical profile against which to compare individual on-site sample results, to determine the extent of potential site contamination that may be attributable to site activities.

Table 15 - Europium-154 Analytical Results

Sample ID	Analyte	Result (pCi/g)	Qualifier(s)	Uncertainty (+/- pCi/g)	MDC (pCi/g)	Agricultural 10^{-6} PRG (pCi/g)	Agricultural 10^{-4} PRG (pCi/g)
Lang Ranch Surface Samples (Chatsworth Formation)							
LR-1-SUR	Europium-154	-2.43E-02	U	2.95E-02	4.84E-02	4.72E-02	4.72E+00
LR-2-SUR	Europium-154	-2.78E-02	U	2.92E-02	4.77E-02	4.72E-02	4.72E+00
LR-3-SUR	Europium-154	8.86E-03	U	1.61E-02	4.28E-02	4.72E-02	4.72E+00
LR-4-SUR	Europium-154	-2.32E-02	U	2.89E-02	4.75E-02	4.72E-02	4.72E+00
LR-5-SUR	Europium-154	-3.16E-02	UL	2.96E-02	4.84E-02	4.72E-02	4.72E+00
LR-6-SUR	Europium-154	-3.24E-02	UL	3.07E-02	5.01E-02	4.72E-02	4.72E+00
LR-7-SUR	Europium-154	-2.01E-02	U	2.86E-02	4.71E-02	4.72E-02	4.72E+00
LR-8-SUR	Europium-154	-2.73E-02	U	2.91E-02	4.76E-02	4.72E-02	4.72E+00
LR-9-SUR	Europium-154	2.65E-02		1.10E-02	4.62E-02	4.72E-02	4.72E+00
LR-10-SUR	Europium-154	-2.08E-02	U	3.33E-02	5.05E-02	4.72E-02	4.72E+00
LR-11-SUR	Europium-154	-9.30E-03	U	3.42E-02	4.73E-02	4.72E-02	4.72E+00
LR-12-SUR	Europium-154	-2.15E-02	U	2.78E-02	4.57E-02	4.72E-02	4.72E+00
LR-13-SUR	Europium-154	-2.01E-02	U	2.74E-02	4.51E-02	4.72E-02	4.72E+00
LR-14-SUR	Europium-154	-2.71E-02	U	2.75E-02	4.50E-02	4.72E-02	4.72E+00
LR-15-SUR	Europium-154	-3.41E-02	UL	3.13E-02	5.10E-02	4.72E-02	4.72E+00
LR-16-SUR	Europium-154	-8.94E-04	U	2.60E-02	4.32E-02	4.72E-02	4.72E+00
LR-17-SUR	Europium-154	1.53E-02	U	2.47E-02	4.07E-02	4.72E-02	4.72E+00
LR-18-SUR	Europium-154	-2.68E-02	U	2.93E-02	4.79E-02	4.72E-02	4.72E+00
LR-19-SUR	Europium-154	-3.12E-04	U	4.33E-04	4.55E-02	4.72E-02	4.72E+00
LR-20-SUR	Europium-154	-3.24E-02	UL	3.17E-02	5.18E-02	4.72E-02	4.72E+00
LR-21-SUR	Europium-154	-1.23E-02	U	2.90E-02	4.79E-02	4.72E-02	4.72E+00
LR-22-SUR	Europium-154	-1.98E-02	U	2.79E-02	4.59E-02	4.72E-02	4.72E+00
LR-23-SUR	Europium-154	9.74E-04	U	2.70E-02	4.50E-02	4.72E-02	4.72E+00
LR-24-SUR	Europium-154	-2.69E-02	U	2.83E-02	4.63E-02	4.72E-02	4.72E+00
LR-25-SUR	Europium-154	-2.50E-02	U	3.03E-02	4.98E-02	4.72E-02	4.72E+00
LR-26-SUR	Europium-154	-1.74E-02	U	2.95E-02	4.87E-02	4.72E-02	4.72E+00
LR-27-SUR	Europium-154	-1.51E-02	U	2.90E-02	4.67E-02	4.72E-02	4.72E+00
Lang Ranch Subsurface Samples (Chatsworth Formation)							
LR-3-SUB	Europium-154	-2.38E-02	U	2.94E-02	4.83E-02	4.72E-02	4.72E+00
LR-4-SUB	Europium-154	-2.10E-02	U	2.62E-02	4.30E-02	4.72E-02	4.72E+00
LR-9-SUB	Europium-154	1.90E-02		1.82E-02	3.36E-02	4.72E-02	4.72E+00
LR-13-SUB	Europium-154	-2.33E-02	U	2.91E-02	4.71E-02	4.72E-02	4.72E+00
LR-15-SUB	Europium-154	-2.47E-02	U	3.72E-02	5.70E-02	4.72E-02	4.72E+00
LR-18-SUB	Europium-154	-3.11E-02	U	3.31E-02	5.13E-02	4.72E-02	4.72E+00
LR-19-SUB	Europium-154	-1.74E-02	U	3.38E-02	5.08E-02	4.72E-02	4.72E+00
LR-23-SUB	Europium-154	-2.00E-02	U	3.09E-02	5.09E-02	4.72E-02	4.72E+00
LR-24-SUB	Europium-154	-2.51E-02	U	2.93E-02	4.81E-02	4.72E-02	4.72E+00
LR-26-SUB	Europium-154	-2.64E-02	U	2.95E-02	4.83E-02	4.72E-02	4.72E+00
Rocky Peak Surface Samples (Chatsworth Formation)							
RP-1-SUR	Europium-154	1.03E-02	U	1.48E-02	2.43E-02	4.72E-02	4.72E+00
RP-2-SUR	Europium-154	-1.31E-02	U	2.52E-02	4.16E-02	4.72E-02	4.72E+00
RP-3-SUR	Europium-154	-2.94E-03	U	2.41E-02	4.00E-02	4.72E-02	4.72E+00
RP-4-SUR	Europium-154	-1.74E-02	U	2.51E-02	4.13E-02	4.72E-02	4.72E+00
RP-5-SUR	Europium-154	-7.49E-03	U	2.31E-02	3.84E-02	4.72E-02	4.72E+00
RP-6-SUR	Europium-154	-1.40E-02	U	2.58E-02	4.25E-02	4.72E-02	4.72E+00
RP-7-SUR	Europium-154	-1.55E-02	U	2.61E-02	4.30E-02	4.72E-02	4.72E+00
RP-8-SUR	Europium-154	-1.42E-02	U	2.71E-02	4.48E-02	4.72E-02	4.72E+00
RP-9-SUR	Europium-154	-1.37E-02	U	2.14E-02	3.52E-02	4.72E-02	4.72E+00
RP-10-SUR	Europium-154	-1.10E-02	U	2.49E-02	4.11E-02	4.72E-02	4.72E+00
RP-11-SUR	Europium-154	-1.29E-02	U	2.60E-02	4.30E-02	4.72E-02	4.72E+00
RP-12-SUR	Europium-154	1.63E-02		1.39E-02	2.72E-02	4.72E-02	4.72E+00
RP-13-SUR	Europium-154	-1.67E-02	U	2.42E-02	3.98E-02	4.72E-02	4.72E+00
RP-14-SUR	Europium-154	-5.23E-05	U	2.34E-02	3.90E-02	4.72E-02	4.72E+00
RP-15-SUR	Europium-154	-2.24E-02	U	2.44E-02	4.00E-02	4.72E-02	4.72E+00
RP-16-SUR	Europium-154	2.05E-02		1.54E-02	3.02E-02	4.72E-02	4.72E+00
RP-17-SUR	Europium-154	-2.09E-02	U	2.42E-02	3.97E-02	4.72E-02	4.72E+00
RP-18-SUR	Europium-154	-1.56E-02	U	2.44E-02	4.02E-02	4.72E-02	4.72E+00
RP-19-SUR	Europium-154	-1.34E-02	U	2.46E-02	4.06E-02	4.72E-02	4.72E+00
RP-20-SUR	Europium-154	-1.72E-02	U	2.68E-02	4.41E-02	4.72E-02	4.72E+00
RP-21-SUR	Europium-154	-2.05E-02	U	2.50E-02	4.10E-02	4.72E-02	4.72E+00

Table 15 - Europium-154 Analytical Results

Sample ID	Analyte	Result (pCi/g)	Qualifier(s)	Uncertainty (+/- pCi/g)	MDC (pCi/g)	Agricultural 10^{-6} PRG (pCi/g)	Agricultural 10^{-4} PRG (pCi/g)
RP-22-SUR	Europium-154	-9.21E-03	U	2.13E-02	3.53E-02	4.72E-02	4.72E+00
RP-23-SUR	Europium-154	-5.18E-03	U	2.40E-02	3.99E-02	4.72E-02	4.72E+00
RP-24-SUR	Europium-154	-9.90E-03	U	2.38E-02	3.93E-02	4.72E-02	4.72E+00
RP-25-SUR	Europium-154	-1.91E-02	U	2.43E-02	3.99E-02	4.72E-02	4.72E+00
RP-26-SUR	Europium-154	-1.92E-02	U	2.59E-02	4.26E-02	4.72E-02	4.72E+00
RP-27-SUR	Europium-154	-1.33E-02	U	2.51E-02	4.14E-02	4.72E-02	4.72E+00
RP-28-SUR	Europium-154	4.10E-03	U	6.49E-03	3.88E-02	4.72E-02	4.72E+00
Rocky Peak Subsurface Samples (Chatsworth Formation)							
RP-1-SUB	Europium-154	-9.10E-03	U	2.49E-02	4.12E-02	4.72E-02	4.72E+00
RP-5-SUB	Europium-154	-2.24E-02	U	2.66E-02	4.36E-02	4.72E-02	4.72E+00
RP-7-SUB	Europium-154	1.70E-02	U	1.72E-02	3.24E-02	4.72E-02	4.72E+00
RP-12-SUB	Europium-154	-2.57E-03	U	2.13E-02	3.55E-02	4.72E-02	4.72E+00
RP-13-SUB	Europium-154	-1.34E-02	U	2.51E-02	4.14E-02	4.72E-02	4.72E+00
RP-17-SUB	Europium-154	-2.59E-02	U	2.62E-02	4.29E-02	4.72E-02	4.72E+00
RP-18-SUB	Europium-154	-1.64E-02	U	2.59E-02	4.27E-02	4.72E-02	4.72E+00
RP-19-SUB	Europium-154	-2.10E-02	U	2.51E-02	4.11E-02	4.72E-02	4.72E+00
RP-20-SUB	Europium-154	-2.52E-02	U	2.56E-02	4.19E-02	4.72E-02	4.72E+00
RP-28-SUB	Europium-154	-1.58E-02	U	2.49E-02	4.10E-02	4.72E-02	4.72E+00
Bridle Path Surface Samples (Santa Susana Formation)							
BP-1-SUR	Europium-154	-2.84E-02	UL	2.83E-02	4.62E-02	4.72E-02	4.72E+00
BP-2-SUR	Europium-154	-1.17E-02	U	2.81E-02	4.65E-02	4.72E-02	4.72E+00
BP-3-SUR	Europium-154	-3.06E-02	UL	2.97E-02	4.85E-02	4.72E-02	4.72E+00
BP-4-SUR	Europium-154	-1.92E-02	U	2.90E-02	4.78E-02	4.72E-02	4.72E+00
BP-5-SUR	Europium-154	-2.62E-02	U	2.91E-02	4.77E-02	4.72E-02	4.72E+00
BP-6-SUR	Europium-154	-3.28E-02	UL	3.02E-02	4.92E-02	4.72E-02	4.72E+00
BP-7-SUR	Europium-154	2.91E-02		1.94E-02	3.50E-02	4.72E-02	4.72E+00
BP-8-SUR	Europium-154	-2.15E-02	U	2.90E-02	4.77E-02	4.72E-02	4.72E+00
BP-9-SUR	Europium-154	-3.81E-02	UL	3.05E-02	4.95E-02	4.72E-02	4.72E+00
BP-10-SUR	Europium-154	-3.64E-02	UL	3.02E-02	4.92E-02	4.72E-02	4.72E+00
BP-11-SUR	Europium-154	-1.80E-02	U	2.88E-02	4.75E-02	4.72E-02	4.72E+00
BP-12-SUR	Europium-154	-2.89E-02	U	3.01E-02	4.92E-02	4.72E-02	4.72E+00
BP-13-SUR	Europium-154	-5.32E-04	U	2.92E-02	4.86E-02	4.72E-02	4.72E+00
BP-14-SUR	Europium-154	-1.87E-02	U	2.81E-02	4.63E-02	4.72E-02	4.72E+00
BP-15-SUR	Europium-154	-2.25E-02	U	2.94E-02	4.83E-02	4.72E-02	4.72E+00
BP-16-SUR	Europium-154	-2.24E-02	U	2.86E-02	4.70E-02	4.72E-02	4.72E+00
BP-17-SUR	Europium-154	-2.85E-02	U	2.96E-02	4.84E-02	4.72E-02	4.72E+00
BP-18-SUR	Europium-154	-3.61E-02	UL	2.92E-02	4.74E-02	4.72E-02	4.72E+00
BP-19-SUR	Europium-154	-2.93E-02	U	3.02E-02	4.94E-02	4.72E-02	4.72E+00
BP-20-SUR	Europium-154	-1.91E-02	U	2.95E-02	4.85E-02	4.72E-02	4.72E+00
BP-21-SUR	Europium-154	-2.56E-02	U	2.98E-02	4.89E-02	4.72E-02	4.72E+00
BP-22-SUR	Europium-154	8.61E-03	U	1.59E-02	4.86E-02	4.72E-02	4.72E+00
BP-23-SUR	Europium-154	-2.28E-02	U	3.08E-02	5.06E-02	4.72E-02	4.72E+00
BP-24-SUR	Europium-154	-5.29E-04	U	2.91E-02	4.85E-02	4.72E-02	4.72E+00
BP-25-SUR	Europium-154	-2.36E-02	U	3.11E-02	5.11E-02	4.72E-02	4.72E+00
BP-26-SUR	Europium-154	-2.21E-02	U	3.00E-02	4.94E-02	4.72E-02	4.72E+00
BP-27-SUR	Europium-154	-3.44E-02	UL	3.05E-02	4.97E-02	4.72E-02	4.72E+00
BP-28-SUR	Europium-154	-2.40E-02	U	2.95E-02	4.85E-02	4.72E-02	4.72E+00
BP-29-SUR	Europium-154	-2.39E-02	U	2.91E-02	4.78E-02	4.72E-02	4.72E+00
BP-30-SUR	Europium-154	-2.32E-02	U	3.21E-02	4.94E-02	4.72E-02	4.72E+00
BP-31-SUR	Europium-154	-3.40E-02	UL	3.01E-02	4.91E-02	4.72E-02	4.72E+00
BP-32-SUR	Europium-154	-1.67E-02	U	3.02E-02	4.89E-02	4.72E-02	4.72E+00
BP-33-SUR	Europium-154	-2.25E-02	U	2.99E-02	4.92E-02	4.72E-02	4.72E+00
BP-34-SUR	Europium-154	-3.57E-02	UL	3.07E-02	4.96E-02	4.72E-02	4.72E+00
BP-35-SUR	Europium-154	7.67E-03	U	1.40E-02	4.62E-02	4.72E-02	4.72E+00
BP-36-SUR	Europium-154	-2.49E-02	U	2.93E-02	4.80E-02	4.72E-02	4.72E+00
BP-37-SUR	Europium-154	-2.44E-02	U	2.93E-02	4.79E-02	4.72E-02	4.72E+00
BP-38-SUR	Europium-154	1.79E-02		1.60E-02	3.46E-02	4.72E-02	4.72E+00
BP-39-SUR	Europium-154	-1.56E-02	U	2.77E-02	4.57E-02	4.72E-02	4.72E+00
BP-40-SUR	Europium-154	-5.26E-04	U	2.55E-02	4.25E-02	4.72E-02	4.72E+00
BP-41-SUR	Europium-154	-2.02E-02	U	2.95E-02	4.86E-02	4.72E-02	4.72E+00
BP-42-SUR	Europium-154	-1.86E-02	U	2.89E-02	4.76E-02	4.72E-02	4.72E+00

Table 15 - Europium-154 Analytical Results

Sample ID	Analyte	Result (pCi/g)	Qualifier(s)	Uncertainty (+/- pCi/g)	MDC (pCi/g)	Agricultural 10^{-6} PRG (pCi/g)	Agricultural 10^{-4} PRG (pCi/g)
BP-43-SUR	Europium-154	-1.97E-02	U	2.89E-02	4.76E-02	4.72E-02	4.72E+00
BP-44-SUR	Europium-154	-2.19E-02	U	2.80E-02	4.60E-02	4.72E-02	4.72E+00
BP-45-SUR	Europium-154	-3.48E-02	UL	2.94E-02	4.78E-02	4.72E-02	4.72E+00
BP-46-SUR	Europium-154	-1.92E-02	U	2.75E-02	4.52E-02	4.72E-02	4.72E+00
BP-47-SUR	Europium-154	-4.16E-02	RU	2.67E-02	4.32E-02	4.72E-02	4.72E+00
BP-48-SUR	Europium-154	-1.91E-02	U	3.13E-02	5.17E-02	4.72E-02	4.72E+00
BP-49-SUR	Europium-154	-3.01E-02	UL	2.45E-02	3.99E-02	4.72E-02	4.72E+00
BP-50-SUR	Europium-154	-1.76E-02	U	2.85E-02	4.70E-02	4.72E-02	4.72E+00
BP-51-SUR	Europium-154	-3.37E-02	UL	2.51E-02	4.07E-02	4.72E-02	4.72E+00
BP-52-SUR	Europium-154	-1.38E-02	U	2.40E-02	3.96E-02	4.72E-02	4.72E+00
BP-53-SUR	Europium-154	-1.45E-02	U	2.98E-02	4.93E-02	4.72E-02	4.72E+00
BP-54-SUR	Europium-154	-8.51E-03	U	1.98E-02	3.28E-02	4.72E-02	4.72E+00
Bridle Path Subsurface Samples (Santa Susana Formation)							
BP-3-SUB	Europium-154	-2.43E-02	U	2.45E-02	4.00E-02	4.72E-02	4.72E+00
BP-4-SUB	Europium-154	-2.49E-02	U	2.88E-02	4.72E-02	4.72E-02	4.72E+00
BP-5-SUB	Europium-154	6.97E-02		2.41E-02	3.63E-02	4.72E-02	4.72E+00
BP-9-SUB	Europium-154	-3.01E-02	UL	2.89E-02	3.83E-02	4.72E-02	4.72E+00
BP-12-SUB	Europium-154	-2.17E-02	U	2.71E-02	4.45E-02	4.72E-02	4.72E+00
BP-13-SUB	Europium-154	-1.80E-02	U	2.77E-02	4.56E-02	4.72E-02	4.72E+00
BP-14-SUB	Europium-154	-2.01E-02	U	2.88E-02	4.74E-02	4.72E-02	4.72E+00
BP-16-SUB	Europium-154	-1.26E-02	U	3.68E-02	3.62E-02	4.72E-02	4.72E+00
BP-20-SUB	Europium-154	-1.79E-02	U	2.51E-02	4.13E-02	4.72E-02	4.72E+00
BP-23-SUB	Europium-154	-2.13E-02	U	3.21E-02	3.85E-02	4.72E-02	4.72E+00
BP-29-SUB	Europium-154	1.18E-03	U	4.45E-01	8.70E-01	4.72E-02	4.72E+00
BP-34-SUB	Europium-154	-2.66E-02	U	2.93E-02	4.80E-02	4.72E-02	4.72E+00
BP-35-SUB	Europium-154	-3.33E-02	UL	3.00E-02	4.02E-02	4.72E-02	4.72E+00
BP-38-SUB	Europium-154	-3.06E-02	U	3.18E-02	5.19E-02	4.72E-02	4.72E+00
BP-43-SUB	Europium-154	1.90E-02		1.71E-02	2.78E-02	4.72E-02	4.72E+00
BP-45-SUB	Europium-154	-3.54E-02	UL	2.96E-02	4.80E-02	4.72E-02	4.72E+00
BP-46-SUB	Europium-154	-2.48E-02	U	3.08E-02	5.06E-02	4.72E-02	4.72E+00
BP-48-SUB	Europium-154	-5.68E-04	U	2.64E-02	4.40E-02	4.72E-02	4.72E+00
BP-50-SUB	Europium-154	-1.84E-02	U	2.74E-02	4.51E-02	4.72E-02	4.72E+00
BP-51-SUB	Europium-154	-2.15E-02	U	2.81E-02	4.62E-02	4.72E-02	4.72E+00

Notes:

pCi/g - Picocuries per gram of dry soil. Analyses for H-3, C-14, Tc-99, and I-129 are reported in units of pCi per gram of "as-received" soil.

MDC - Minimum Detectable Concentration

PRG - Preliminary Remediation Goal

Uncertainty - Reported at the 1.96σ Confidence Interval. Gamma Spec. Reported at the 2σ Confidence Interval.

Data Qualifiers:

B - Analyte present, but not detected substantially above the level reported in laboratory or field blanks.

J - The analyte was detected at the reported concentration: the quantitation is an estimate.

K - Analyte present. Reported value may be biased high. Actual value is expected to be lower.

L - Analyte present. Reported value may be biased low. Actual value is expected to be higher.

R - The result is rejected due to serious deficiences in the ability to analyze the sample and meet the Quality Control criteria.

U - Not considered detected. The associated number is the reported concentration.

UJ - Not considered detected. The associated number is the reported concentration which may be inaccurate.

UL - Not considered detected. The associated number is the reported concentration which may be inaccurate due to a low bias.

X - Excluded. The data point is associated with reanalyses or diluted analyses and is excluded because another result has been selecetd as the definitive result for the analyte

These results are qualified based on the usability of the data for its intended purpose, which is to develop a statistical profile against which to compare individual on-site sample results, to determine the extent of potential site contamination that may be attributable to site activities.

Table 16 - Europium-155 Analytical Results

Sample ID	Analyte	Result (pCi/g)	Qualifier(s)	Uncertainty (+/- pCi/g)	MDC (pCi/g)	Agricultural 10^{-6} PRG (pCi/g)	Agricultural 10^{-4} PRG (pCi/g)
Lang Ranch Surface Samples (Chatsworth Formation)							
LR-1-SUR	Europium-155	7.44E-02	K	3.42E-02	4.30E-02	3.74E+00	3.74E+02
LR-2-SUR	Europium-155	8.84E-02	K	3.25E-02	4.09E-02	3.74E+00	3.74E+02
LR-3-SUR	Europium-155	9.28E-02	K	3.97E-02	4.71E-02	3.74E+00	3.74E+02
LR-4-SUR	Europium-155	8.90E-02	K	3.66E-02	4.43E-02	3.74E+00	3.74E+02
LR-5-SUR	Europium-155	7.95E-02	K	4.31E-02	4.99E-02	3.74E+00	3.74E+02
LR-6-SUR	Europium-155	7.15E-02	K	3.04E-02	4.76E-02	3.74E+00	3.74E+02
LR-7-SUR	Europium-155	6.22E-02	K	3.59E-02	4.46E-02	3.74E+00	3.74E+02
LR-8-SUR	Europium-155	1.13E-01	K	4.27E-02	4.78E-02	3.74E+00	3.74E+02
LR-9-SUR	Europium-155	8.50E-02	K	4.51E-02	5.10E-02	3.74E+00	3.74E+02
LR-10-SUR	Europium-155	1.07E-01	K	3.83E-02	4.55E-02	3.74E+00	3.74E+02
LR-11-SUR	Europium-155	7.32E-02	K	4.34E-02	5.05E-02	3.74E+00	3.74E+02
LR-12-SUR	Europium-155	4.91E-02	K	3.53E-02	5.71E-02	3.74E+00	3.74E+02
LR-13-SUR	Europium-155	7.21E-02	K	3.47E-02	4.27E-02	3.74E+00	3.74E+02
LR-14-SUR	Europium-155	4.91E-02	K	3.36E-02	5.42E-02	3.74E+00	3.74E+02
LR-15-SUR	Europium-155	1.08E-01	K	4.27E-02	4.91E-02	3.74E+00	3.74E+02
LR-16-SUR	Europium-155	1.15E-01	K	4.45E-02	4.89E-02	3.74E+00	3.74E+02
LR-17-SUR	Europium-155	9.38E-02	K	3.99E-02	4.53E-02	3.74E+00	3.74E+02
LR-18-SUR	Europium-155	1.16E-01	K	4.42E-02	4.95E-02	3.74E+00	3.74E+02
LR-19-SUR	Europium-155	1.13E-01	K	4.60E-02	5.20E-02	3.74E+00	3.74E+02
LR-20-SUR	Europium-155	1.10E-01	K	4.56E-02	5.15E-02	3.74E+00	3.74E+02
LR-21-SUR	Europium-155	1.16E-01	K	4.47E-02	5.01E-02	3.74E+00	3.74E+02
LR-22-SUR	Europium-155	1.01E-01	K	4.23E-02	4.90E-02	3.74E+00	3.74E+02
LR-23-SUR	Europium-155	1.06E-01	K	4.58E-02	5.10E-02	3.74E+00	3.74E+02
LR-24-SUR	Europium-155	1.07E-01	K	3.91E-02	4.56E-02	3.74E+00	3.74E+02
LR-25-SUR	Europium-155	9.55E-02	K	4.19E-02	4.87E-02	3.74E+00	3.74E+02
LR-26-SUR	Europium-155	9.46E-02	K	4.66E-02	5.24E-02	3.74E+00	3.74E+02
LR-27-SUR	Europium-155	8.45E-02	K	3.23E-02	4.08E-02	3.74E+00	3.74E+02
Lang Ranch Subsurface Samples (Chatsworth Formation)							
LR-3-SUB	Europium-155	8.74E-02	K	4.22E-02	4.95E-02	3.74E+00	3.74E+02
LR-4-SUB	Europium-155	9.00E-02	K	3.41E-02	4.20E-02	3.74E+00	3.74E+02
LR-9-SUB	Europium-155	1.21E-01	K	4.02E-02	4.61E-02	3.74E+00	3.74E+02
LR-13-SUB	Europium-155	9.34E-02	K	3.95E-02	4.69E-02	3.74E+00	3.74E+02
LR-15-SUB	Europium-155	1.32E-01	K	5.48E-02	5.95E-02	3.74E+00	3.74E+02
LR-18-SUB	Europium-155	9.30E-02	K	4.31E-02	5.03E-02	3.74E+00	3.74E+02
LR-19-SUB	Europium-155	1.17E-01	K	4.92E-02	5.45E-02	3.74E+00	3.74E+02
LR-23-SUB	Europium-155	1.24E-01	K	5.42E-02	5.92E-02	3.74E+00	3.74E+02
LR-24-SUB	Europium-155	1.11E-01	K	4.86E-02	5.31E-02	3.74E+00	3.74E+02
LR-26-SUB	Europium-155	1.26E-01	K	4.56E-02	5.07E-02	3.74E+00	3.74E+02
Rocky Peak Surface Samples (Chatsworth Formation)							
RP-1-SUR	Europium-155	7.32E-02	K	3.78E-02	4.27E-02	3.74E+00	3.74E+02
RP-2-SUR	Europium-155	1.01E-01	K	3.72E-02	4.15E-02	3.74E+00	3.74E+02
RP-3-SUR	Europium-155	6.04E-02	K	3.69E-02	4.29E-02	3.74E+00	3.74E+02
RP-4-SUR	Europium-155	6.07E-02	K	3.07E-02	3.79E-02	3.74E+00	3.74E+02
RP-5-SUR	Europium-155	7.57E-02	K	3.65E-02	4.19E-02	3.74E+00	3.74E+02
RP-6-SUR	Europium-155	6.87E-02	K	3.89E-02	4.42E-02	3.74E+00	3.74E+02
RP-7-SUR	Europium-155	1.01E-01	K	4.01E-02	4.41E-02	3.74E+00	3.74E+02
RP-8-SUR	Europium-155	8.03E-02	K	4.39E-02	4.86E-02	3.74E+00	3.74E+02
RP-9-SUR	Europium-155	7.26E-02	K	3.34E-02	4.03E-02	3.74E+00	3.74E+02
RP-10-SUR	Europium-155	6.60E-02	K	2.85E-02	3.66E-02	3.74E+00	3.74E+02
RP-11-SUR	Europium-155	8.24E-02	K	3.69E-02	4.29E-02	3.74E+00	3.74E+02
RP-12-SUR	Europium-155	6.20E-02	K	3.38E-02	4.00E-02	3.74E+00	3.74E+02
RP-13-SUR	Europium-155	7.55E-02	K	3.19E-02	3.79E-02	3.74E+00	3.74E+02
RP-14-SUR	Europium-155	5.71E-02	K	2.87E-02	3.63E-02	3.74E+00	3.74E+02
RP-15-SUR	Europium-155	7.48E-02	K	2.94E-02	3.63E-02	3.74E+00	3.74E+02
RP-16-SUR	Europium-155	7.05E-02	K	3.54E-02	4.08E-02	3.74E+00	3.74E+02
RP-17-SUR	Europium-155	6.14E-02	K	3.26E-02	3.93E-02	3.74E+00	3.74E+02
RP-18-SUR	Europium-155	7.76E-02	K	3.36E-02	3.99E-02	3.74E+00	3.74E+02
RP-19-SUR	Europium-155	8.74E-02	K	3.46E-02	4.07E-02	3.74E+00	3.74E+02
RP-20-SUR	Europium-155	9.49E-02	K	4.06E-02	4.61E-02	3.74E+00	3.74E+02
RP-21-SUR	Europium-155	7.45E-02	K	3.08E-02	3.73E-02	3.74E+00	3.74E+02

Table 16 - Europium-155 Analytical Results

Sample ID	Analyte	Result (pCi/g)	Qualifier(s)	Uncertainty (+/- pCi/g)	MDC (pCi/g)	Agricultural 10^{-6} PRG (pCi/g)	Agricultural 10^{-4} PRG (pCi/g)
RP-22-SUR	Europium-155	6.47E-02	K	3.09E-02	3.80E-02	3.74E+00	3.74E+02
RP-23-SUR	Europium-155	8.84E-02	K	4.21E-02	4.72E-02	3.74E+00	3.74E+02
RP-24-SUR	Europium-155	7.46E-02	K	3.34E-02	3.98E-02	3.74E+00	3.74E+02
RP-25-SUR	Europium-155	7.52E-02	K	3.08E-02	3.83E-02	3.74E+00	3.74E+02
RP-26-SUR	Europium-155	7.16E-02	K	3.59E-02	4.22E-02	3.74E+00	3.74E+02
RP-27-SUR	Europium-155	1.12E-01	K	3.96E-02	4.38E-02	3.74E+00	3.74E+02
RP-28-SUR	Europium-155	3.65E-02	K	3.26E-02	5.32E-02	3.74E+00	3.74E+02
Rocky Peak Subsurface Samples (Chatsworth Formation)							
RP-1-SUB	Europium-155	6.56E-02	K	3.45E-02	4.07E-02	3.74E+00	3.74E+02
RP-5-SUB	Europium-155	9.32E-02	K	3.91E-02	4.43E-02	3.74E+00	3.74E+02
RP-7-SUB	Europium-155	6.28E-02	K	3.44E-02	4.16E-02	3.74E+00	3.74E+02
RP-12-SUB	Europium-155	6.67E-02	K	3.18E-02	3.82E-02	3.74E+00	3.74E+02
RP-13-SUB	Europium-155	5.75E-02	K	3.43E-02	4.17E-02	3.74E+00	3.74E+02
RP-17-SUB	Europium-155	8.28E-02	K	3.87E-02	4.43E-02	3.74E+00	3.74E+02
RP-18-SUB	Europium-155	7.25E-02	K	4.16E-02	4.72E-02	3.74E+00	3.74E+02
RP-19-SUB	Europium-155	8.70E-02	K	4.25E-02	4.68E-02	3.74E+00	3.74E+02
RP-20-SUB	Europium-155	1.11E-01	K	3.57E-02	4.07E-02	3.74E+00	3.74E+02
RP-28-SUB	Europium-155	8.91E-02	K	4.25E-02	4.68E-02	3.74E+00	3.74E+02
Bridle Path Surface Samples (Santa Susana Formation)							
BP-1-SUR	Europium-155	1.12E-01	K	3.96E-02	4.71E-02	3.74E+00	3.74E+02
BP-2-SUR	Europium-155	1.38E-01	K	5.20E-02	5.58E-02	3.74E+00	3.74E+02
BP-3-SUR	Europium-155	1.29E-01	K	4.55E-02	5.16E-02	3.74E+00	3.74E+02
BP-4-SUR	Europium-155	1.11E-01	K	4.65E-02	5.38E-02	3.74E+00	3.74E+02
BP-5-SUR	Europium-155	1.34E-01	K	4.52E-02	5.20E-02	3.74E+00	3.74E+02
BP-6-SUR	Europium-155	1.54E-01	K	5.04E-02	5.53E-02	3.74E+00	3.74E+02
BP-7-SUR	Europium-155	1.38E-01	K	4.68E-02	5.40E-02	3.74E+00	3.74E+02
BP-8-SUR	Europium-155	1.39E-01	K	4.77E-02	5.38E-02	3.74E+00	3.74E+02
BP-9-SUR	Europium-155	1.26E-01	K	5.39E-02	5.88E-02	3.74E+00	3.74E+02
BP-10-SUR	Europium-155	1.71E-01	K	5.29E-02	5.63E-02	3.74E+00	3.74E+02
BP-11-SUR	Europium-155	1.30E-01	K	4.67E-02	5.31E-02	3.74E+00	3.74E+02
BP-12-SUR	Europium-155	1.26E-01	K	4.40E-02	5.10E-02	3.74E+00	3.74E+02
BP-13-SUR	Europium-155	1.30E-01	K	5.17E-02	6.18E-02	3.74E+00	3.74E+02
BP-14-SUR	Europium-155	1.50E-01	K	4.68E-02	5.08E-02	3.74E+00	3.74E+02
BP-15-SUR	Europium-155	1.26E-01	K	4.77E-02	5.34E-02	3.74E+00	3.74E+02
BP-16-SUR	Europium-155	1.39E-01	K	4.80E-02	5.31E-02	3.74E+00	3.74E+02
BP-17-SUR	Europium-155	1.22E-01	K	4.98E-02	5.52E-02	3.74E+00	3.74E+02
BP-18-SUR	Europium-155	1.16E-01	K	4.96E-02	5.52E-02	3.74E+00	3.74E+02
BP-19-SUR	Europium-155	1.22E-01	K	5.28E-02	6.21E-02	3.74E+00	3.74E+02
BP-20-SUR	Europium-155	1.58E-01	K	5.30E-02	5.72E-02	3.74E+00	3.74E+02
BP-21-SUR	Europium-155	1.27E-01	K	4.95E-02	5.57E-02	3.74E+00	3.74E+02
BP-22-SUR	Europium-155	1.30E-01	K	5.36E-02	6.28E-02	3.74E+00	3.74E+02
BP-23-SUR	Europium-155	1.53E-01	K	5.16E-02	6.06E-02	3.74E+00	3.74E+02
BP-24-SUR	Europium-155	1.38E-01	K	5.72E-02	6.56E-02	3.74E+00	3.74E+02
BP-25-SUR	Europium-155	1.37E-01	K	5.31E-02	6.19E-02	3.74E+00	3.74E+02
BP-26-SUR	Europium-155	1.29E-01	K	4.88E-02	5.80E-02	3.74E+00	3.74E+02
BP-27-SUR	Europium-155	1.23E-01	K	5.01E-02	6.00E-02	3.74E+00	3.74E+02
BP-28-SUR	Europium-155	1.10E-01	K	4.52E-02	5.54E-02	3.74E+00	3.74E+02
BP-29-SUR	Europium-155	1.01E-01	K	5.06E-02	6.00E-02	3.74E+00	3.74E+02
BP-30-SUR	Europium-155	1.31E-01	K	4.75E-02	5.28E-02	3.74E+00	3.74E+02
BP-31-SUR	Europium-155	1.33E-01	K	4.98E-02	5.92E-02	3.74E+00	3.74E+02
BP-32-SUR	Europium-155	1.36E-01	K	5.63E-02	6.46E-02	3.74E+00	3.74E+02
BP-33-SUR	Europium-155	1.43E-01	K	4.89E-02	5.40E-02	3.74E+00	3.74E+02
BP-34-SUR	Europium-155	1.21E-01	K	5.42E-02	6.38E-02	3.74E+00	3.74E+02
BP-35-SUR	Europium-155	1.13E-01	K	4.64E-02	5.24E-02	3.74E+00	3.74E+02
BP-36-SUR	Europium-155	1.16E-01	K	5.03E-02	5.49E-02	3.74E+00	3.74E+02
BP-37-SUR	Europium-155	9.95E-02	K	4.51E-02	5.14E-02	3.74E+00	3.74E+02
BP-38-SUR	Europium-155	7.06E-02	K	3.86E-02	6.16E-02	3.74E+00	3.74E+02
BP-39-SUR	Europium-155	1.07E-01	K	4.33E-02	4.89E-02	3.74E+00	3.74E+02
BP-40-SUR	Europium-155	1.06E-01	K	4.03E-02	4.71E-02	3.74E+00	3.74E+02
BP-41-SUR	Europium-155	1.04E-01	K	4.79E-02	5.78E-02	3.74E+00	3.74E+02
BP-42-SUR	Europium-155	1.03E-01	K	4.09E-02	4.81E-02	3.74E+00	3.74E+02

Table 16 - Europium-155 Analytical Results

Sample ID	Analyte	Result (pCi/g)	Qualifier(s)	Uncertainty (+/- pCi/g)	MDC (pCi/g)	Agricultural 10^{-6} PRG (pCi/g)	Agricultural 10^{-4} PRG (pCi/g)
BP-43-SUR	Europium-155	1.24E-01	K	5.12E-02	5.99E-02	3.74E+00	3.74E+02
BP-44-SUR	Europium-155	1.05E-01	K	3.33E-02	4.99E-02	3.74E+00	3.74E+02
BP-45-SUR	Europium-155	1.48E-01	K	5.35E-02	6.06E-02	3.74E+00	3.74E+02
BP-46-SUR	Europium-155	1.55E-01	K	4.67E-02	5.03E-02	3.74E+00	3.74E+02
BP-47-SUR	Europium-155	1.13E-01	K	4.78E-02	5.49E-02	3.74E+00	3.74E+02
BP-48-SUR	Europium-155	1.40E-01	K	5.48E-02	5.91E-02	3.74E+00	3.74E+02
BP-49-SUR	Europium-155	1.29E-01	K	4.67E-02	5.29E-02	3.74E+00	3.74E+02
BP-50-SUR	Europium-155	1.16E-01	K	4.63E-02	5.22E-02	3.74E+00	3.74E+02
BP-51-SUR	Europium-155	1.43E-01	K	4.53E-02	5.06E-02	3.74E+00	3.74E+02
BP-52-SUR	Europium-155	9.27E-02	K	4.26E-02	4.92E-02	3.74E+00	3.74E+02
BP-53-SUR	Europium-155	8.86E-02	K	4.60E-02	5.19E-02	3.74E+00	3.74E+02
BP-54-SUR	Europium-155	8.49E-02	K	3.93E-02	4.55E-02	3.74E+00	3.74E+02
Bridle Path Subsurface Samples (Santa Susana Formation)							
BP-3-SUB	Europium-155	1.19E-01	K	3.77E-02	4.50E-02	3.74E+00	3.74E+02
BP-4-SUB	Europium-155	1.14E-01	K	4.20E-02	4.77E-02	3.74E+00	3.74E+02
BP-5-SUB	Europium-155	1.12E-01	K	4.52E-02	4.99E-02	3.74E+00	3.74E+02
BP-9-SUB	Europium-155	1.39E-01	K	3.90E-02	4.58E-02	3.74E+00	3.74E+02
BP-12-SUB	Europium-155	1.04E-01	K	4.04E-02	4.75E-02	3.74E+00	3.74E+02
BP-13-SUB	Europium-155	9.23E-02	K	4.82E-02	5.86E-02	3.74E+00	3.74E+02
BP-14-SUB	Europium-155	9.39E-02	K	3.71E-02	4.45E-02	3.74E+00	3.74E+02
BP-16-SUB	Europium-155	1.23E-01	K	4.07E-02	4.77E-02	3.74E+00	3.74E+02
BP-20-SUB	Europium-155	9.84E-02	K	4.23E-02	4.80E-02	3.74E+00	3.74E+02
BP-23-SUB	Europium-155	1.22E-01	K	3.88E-02	4.53E-02	3.74E+00	3.74E+02
BP-29-SUB	Europium-155	3.65E-01	U	4.97E-01	8.21E-01	3.74E+00	3.74E+02
BP-34-SUB	Europium-155	1.61E-01	K	4.78E-02	5.24E-02	3.74E+00	3.74E+02
BP-35-SUB	Europium-155	1.46E-02	U	2.90E-02	4.77E-02	3.74E+00	3.74E+02
BP-38-SUB	Europium-155	5.37E-02	K	3.91E-02	6.33E-02	3.74E+00	3.74E+02
BP-43-SUB	Europium-155	4.68E-02	K	4.10E-02	6.70E-02	3.74E+00	3.74E+02
BP-45-SUB	Europium-155	1.34E-01	K	4.88E-02	5.32E-02	3.74E+00	3.74E+02
BP-46-SUB	Europium-155	1.40E-01	K	5.68E-02	6.64E-02	3.74E+00	3.74E+02
BP-48-SUB	Europium-155	7.99E-02	K	3.84E-02	6.07E-02	3.74E+00	3.74E+02
BP-50-SUB	Europium-155	7.33E-02	K	4.79E-02	5.74E-02	3.74E+00	3.74E+02
BP-51-SUB	Europium-155	1.37E-01	K	4.92E-02	5.46E-02	3.74E+00	3.74E+02

Notes:

pCi/g - Picocuries per gram of dry soil. Analyses for H-3, C-14, Tc-99, and I-129 are reported in units of pCi per gram of "as-received" soil.

MDC - Minimum Detectable Concentration

PRG - Preliminary Remediation Goal

Uncertainty - Reported at the 1.96σ Confidence Interval. Gamma Spec. Reported at the 2σ Confidence Interval.

Data Qualifiers:

B - Analyte present, but not detected substantially above the level reported in laboratory or field blanks.

J - The analyte was detected at the reported concentration: the quantitation is an estimate.

K - Analyte present. Reported value may be biased high. Actual value is expected to be lower.

L - Analyte present. Reported value may be biased low. Actual value is expected to be higher.

R - The result is rejected due to serious deficiences in the ability to analyze the sample and meet the Quality Control criteria.

U - Not considered detected. The associated number is the reported concentration.

UJ - Not considered detected. The associated number is the reported concentration which may be inaccurate.

UL - Not considered detected. The associated number is the reported concentration which may be inaccurate due to a low bias.

X - Excluded. The data point is associated with reanalyses or diluted analyses and is excluded because another result has been selecetd as the definitive result for the analyte

These results are qualified based on the usability of the data for its intended purpose, which is to develop a statistical profile against which to compare individual on-site sample results, to determine the extent of potential site contamination that may be attributable to site activities.

Table 17 - Holmium-166m Analytical Results

Sample ID	Analyte	Result (pCi/g)	Qualifier(s)	Uncertainty (+/- pCi/g)	MDC (pCi/g)	Agricultural 10^{-6} PRG (pCi/g)	Agricultural 10^{-4} PRG (pCi/g)
Lang Ranch Surface Samples (Chatsworth Formation)							
LR-1-SUR	Holmium-166m	2.39E-02		1.04E-02	1.30E-02	1.10E-02	1.10E+00
LR-2-SUR	Holmium-166m	2.12E-03	U	2.30E-03	1.33E-02	1.10E-02	1.10E+00
LR-3-SUR	Holmium-166m	1.13E-02		9.35E-03	1.04E-02	1.10E-02	1.10E+00
LR-4-SUR	Holmium-166m	1.61E-02		5.16E-03	1.27E-02	1.10E-02	1.10E+00
LR-5-SUR	Holmium-166m	1.01E-02		8.86E-03	1.06E-02	1.10E-02	1.10E+00
LR-6-SUR	Holmium-166m	3.18E-02		6.95E-03	1.32E-02	1.10E-02	1.10E+00
LR-7-SUR	Holmium-166m	3.52E-03	U	3.72E-03	1.29E-02	1.10E-02	1.10E+00
LR-8-SUR	Holmium-166m	6.30E-03	U	6.31E-03	1.17E-02	1.10E-02	1.10E+00
LR-9-SUR	Holmium-166m	1.98E-03	U	6.96E-03	1.16E-02	1.10E-02	1.10E+00
LR-10-SUR	Holmium-166m	8.05E-03	U	1.04E-02	1.35E-02	1.10E-02	1.10E+00
LR-11-SUR	Holmium-166m	-2.62E-06	U	3.17E-06	1.37E-02	1.10E-02	1.10E+00
LR-12-SUR	Holmium-166m	3.00E-02		6.49E-03	1.28E-02	1.10E-02	1.10E+00
LR-13-SUR	Holmium-166m	-2.18E-03	U	7.68E-03	1.27E-02	1.10E-02	1.10E+00
LR-14-SUR	Holmium-166m	7.34E-04	U	7.35E-03	1.22E-02	1.10E-02	1.10E+00
LR-15-SUR	Holmium-166m	6.36E-03		4.49E-03	1.31E-02	1.10E-02	1.10E+00
LR-16-SUR	Holmium-166m	2.27E-03	U	2.94E-03	1.22E-02	1.10E-02	1.10E+00
LR-17-SUR	Holmium-166m	2.19E-03	U	3.64E-03	1.17E-02	1.10E-02	1.10E+00
LR-18-SUR	Holmium-166m	1.30E-02		9.84E-03	1.32E-02	1.10E-02	1.10E+00
LR-19-SUR	Holmium-166m	-3.23E-03	U	1.86E-02	1.39E-02	1.10E-02	1.10E+00
LR-20-SUR	Holmium-166m	3.52E-03	U	4.00E-03	1.40E-02	1.10E-02	1.10E+00
LR-21-SUR	Holmium-166m	3.17E-03	U	5.58E-03	1.37E-02	1.10E-02	1.10E+00
LR-22-SUR	Holmium-166m	-2.50E-03	U	2.39E-02	1.36E-02	1.10E-02	1.10E+00
LR-23-SUR	Holmium-166m	1.42E-03	U	2.10E-03	1.32E-02	1.10E-02	1.10E+00
LR-24-SUR	Holmium-166m	1.31E-02		4.74E-03	1.30E-02	1.10E-02	1.10E+00
LR-25-SUR	Holmium-166m	3.14E-03	U	3.69E-03	1.37E-02	1.10E-02	1.10E+00
LR-26-SUR	Holmium-166m	5.67E-04	U	1.11E-03	1.26E-02	1.10E-02	1.10E+00
LR-27-SUR	Holmium-166m	3.41E-02		6.62E-03	1.30E-02	1.10E-02	1.10E+00
Lang Ranch Subsurface Samples (Chatsworth Formation)							
LR-3-SUB	Holmium-166m	3.85E-02		7.07E-03	1.30E-02	1.10E-02	1.10E+00
LR-4-SUB	Holmium-166m	-6.61E-04	U	9.92E-04	1.23E-02	1.10E-02	1.10E+00
LR-9-SUB	Holmium-166m	2.78E-03	U	4.95E-03	1.23E-02	1.10E-02	1.10E+00
LR-13-SUB	Holmium-166m	8.46E-03	U	8.81E-03	1.18E-02	1.10E-02	1.10E+00
LR-15-SUB	Holmium-166m	-4.54E-04	U	9.06E-03	1.51E-02	1.10E-02	1.10E+00
LR-18-SUB	Holmium-166m	1.72E-03	U	2.60E-03	1.40E-02	1.10E-02	1.10E+00
LR-19-SUB	Holmium-166m	1.41E-02		4.78E-03	1.40E-02	1.10E-02	1.10E+00
LR-23-SUB	Holmium-166m	1.94E-02		5.10E-03	1.37E-02	1.10E-02	1.10E+00
LR-24-SUB	Holmium-166m	8.38E-03		7.90E-03	1.28E-02	1.10E-02	1.10E+00
LR-26-SUB	Holmium-166m	5.41E-03	U	6.66E-03	1.33E-02	1.10E-02	1.10E+00
Rocky Peak Surface Samples (Chatsworth Formation)							
RP-1-SUR	Holmium-166m	2.12E-03	U	3.16E-03	1.12E-02	1.10E-02	1.10E+00
RP-2-SUR	Holmium-166m	-2.97E-03	U	6.92E-03	1.15E-02	1.10E-02	1.10E+00
RP-3-SUR	Holmium-166m	3.55E-03	U	6.27E-03	1.04E-02	1.10E-02	1.10E+00
RP-4-SUR	Holmium-166m	1.48E-02		8.61E-03	1.11E-02	1.10E-02	1.10E+00
RP-5-SUR	Holmium-166m	-1.26E-03	U	6.69E-03	1.11E-02	1.10E-02	1.10E+00
RP-6-SUR	Holmium-166m	7.94E-03	U	8.44E-03	1.11E-02	1.10E-02	1.10E+00
RP-7-SUR	Holmium-166m	2.04E-03	U	3.61E-03	8.12E-03	1.10E-02	1.10E+00
RP-8-SUR	Holmium-166m	1.24E-02		4.51E-03	1.00E-02	1.10E-02	1.10E+00
RP-9-SUR	Holmium-166m	3.50E-03	U	4.55E-03	8.96E-03	1.10E-02	1.10E+00
RP-10-SUR	Holmium-166m	5.48E-03	U	7.35E-03	1.12E-02	1.10E-02	1.10E+00
RP-11-SUR	Holmium-166m	-1.70E-03	U	9.76E-03	1.14E-02	1.10E-02	1.10E+00
RP-12-SUR	Holmium-166m	2.78E-02		5.52E-03	8.86E-03	1.10E-02	1.10E+00
RP-13-SUR	Holmium-166m	3.03E-02		5.97E-03	1.03E-02	1.10E-02	1.10E+00
RP-14-SUR	Holmium-166m	4.17E-03	U	6.11E-03	9.75E-03	1.10E-02	1.10E+00
RP-15-SUR	Holmium-166m	-1.96E-03	U	6.56E-03	1.09E-02	1.10E-02	1.10E+00
RP-16-SUR	Holmium-166m	-6.70E-05	U	5.70E-03	9.50E-03	1.10E-02	1.10E+00
RP-17-SUR	Holmium-166m	-3.05E-03	U	6.47E-03	1.07E-02	1.10E-02	1.10E+00
RP-18-SUR	Holmium-166m	5.74E-03	U	6.06E-03	1.10E-02	1.10E-02	1.10E+00
RP-19-SUR	Holmium-166m	-3.40E-03	U	6.91E-03	1.13E-02	1.10E-02	1.10E+00
RP-20-SUR	Holmium-166m	3.82E-03	U	3.90E-03	9.53E-03	1.10E-02	1.10E+00
RP-21-SUR	Holmium-166m	6.00E-04	U	6.42E-03	1.07E-02	1.10E-02	1.10E+00

Table 17 - Holmium-166m Analytical Results

Sample ID	Analyte	Result (pCi/g)	Qualifier(s)	Uncertainty (+/- pCi/g)	MDC (pCi/g)	Agricultural 10^{-6} PRG (pCi/g)	Agricultural 10^{-4} PRG (pCi/g)
RP-22-SUR	Holmium-166m	9.27E-03		4.89E-03	1.09E-02	1.10E-02	1.10E+00
RP-23-SUR	Holmium-166m	1.18E-02		5.13E-03	1.16E-02	1.10E-02	1.10E+00
RP-24-SUR	Holmium-166m	3.33E-03	U	4.27E-03	1.09E-02	1.10E-02	1.10E+00
RP-25-SUR	Holmium-166m	2.88E-03	U	4.96E-03	1.15E-02	1.10E-02	1.10E+00
RP-26-SUR	Holmium-166m	1.41E-03	U	6.81E-03	1.13E-02	1.10E-02	1.10E+00
RP-27-SUR	Holmium-166m	3.75E-03	U	5.15E-03	1.17E-02	1.10E-02	1.10E+00
RP-28-SUR	Holmium-166m	2.01E-03	U	3.58E-03	1.19E-02	1.10E-02	1.10E+00
Rocky Peak Subsurface Samples (Chatsworth Formation)							
RP-1-SUB	Holmium-166m	-2.58E-03	U	7.16E-03	1.09E-02	1.10E-02	1.10E+00
RP-5-SUB	Holmium-166m	-1.38E-03	U	1.53E-03	1.19E-02	1.10E-02	1.10E+00
RP-7-SUB	Holmium-166m	4.61E-03	U	5.70E-03	1.11E-02	1.10E-02	1.10E+00
RP-12-SUB	Holmium-166m	4.99E-03		2.46E-03	1.03E-02	1.10E-02	1.10E+00
RP-13-SUB	Holmium-166m	4.12E-03	U	4.41E-03	1.13E-02	1.10E-02	1.10E+00
RP-17-SUB	Holmium-166m	2.94E-02		5.66E-03	1.16E-02	1.10E-02	1.10E+00
RP-18-SUB	Holmium-166m	3.19E-02		6.07E-03	1.18E-02	1.10E-02	1.10E+00
RP-19-SUB	Holmium-166m	9.72E-03		7.05E-03	8.94E-03	1.10E-02	1.10E+00
RP-20-SUB	Holmium-166m	3.51E-03	U	6.99E-03	1.12E-02	1.10E-02	1.10E+00
RP-28-SUB	Holmium-166m	1.29E-02		8.26E-03	1.03E-02	1.10E-02	1.10E+00
Bridle Path Surface Samples (Santa Susana Formation)							
BP-1-SUR	Holmium-166m	4.46E-03		4.09E-03	1.35E-02	1.10E-02	1.10E+00
BP-2-SUR	Holmium-166m	2.50E-02		6.96E-03	1.39E-02	1.10E-02	1.10E+00
BP-3-SUR	Holmium-166m	5.14E-03	U	5.24E-03	1.36E-02	1.10E-02	1.10E+00
BP-4-SUR	Holmium-166m	-4.57E-03	U	8.37E-03	1.38E-02	1.10E-02	1.10E+00
BP-5-SUR	Holmium-166m	-9.87E-06	UL	9.17E-06	1.40E-02	1.10E-02	1.10E+00
BP-6-SUR	Holmium-166m	3.56E-03	U	5.39E-03	1.43E-02	1.10E-02	1.10E+00
BP-7-SUR	Holmium-166m	6.10E-03	U	6.89E-03	1.50E-02	1.10E-02	1.10E+00
BP-8-SUR	Holmium-166m	9.28E-03	U	1.08E-02	1.35E-02	1.10E-02	1.10E+00
BP-9-SUR	Holmium-166m	1.33E-02		6.29E-03	1.43E-02	1.10E-02	1.10E+00
BP-10-SUR	Holmium-166m	5.23E-03		4.84E-03	1.44E-02	1.10E-02	1.10E+00
BP-11-SUR	Holmium-166m	1.65E-03	U	2.47E-03	1.41E-02	1.10E-02	1.10E+00
BP-12-SUR	Holmium-166m	1.97E-03		1.92E-03	1.44E-02	1.10E-02	1.10E+00
BP-13-SUR	Holmium-166m	7.17E-03	U	8.50E-03	1.52E-02	1.10E-02	1.10E+00
BP-14-SUR	Holmium-166m	3.03E-03	U	3.45E-03	1.18E-02	1.10E-02	1.10E+00
BP-15-SUR	Holmium-166m	1.35E-03	U	2.25E-03	1.40E-02	1.10E-02	1.10E+00
BP-16-SUR	Holmium-166m	5.89E-03		5.65E-03	1.39E-02	1.10E-02	1.10E+00
BP-17-SUR	Holmium-166m	1.75E-02		5.39E-03	1.39E-02	1.10E-02	1.10E+00
BP-18-SUR	Holmium-166m	6.73E-03	U	7.22E-03	1.38E-02	1.10E-02	1.10E+00
BP-19-SUR	Holmium-166m	3.74E-03	U	6.83E-03	1.43E-02	1.10E-02	1.10E+00
BP-20-SUR	Holmium-166m	-5.25E-03	U	8.74E-03	1.44E-02	1.10E-02	1.10E+00
BP-21-SUR	Holmium-166m	9.46E-03		9.44E-03	1.40E-02	1.10E-02	1.10E+00
BP-22-SUR	Holmium-166m	1.75E-03	U	3.26E-03	1.48E-02	1.10E-02	1.10E+00
BP-23-SUR	Holmium-166m	7.68E-03		5.72E-03	1.50E-02	1.10E-02	1.10E+00
BP-24-SUR	Holmium-166m	8.25E-03		6.44E-03	1.51E-02	1.10E-02	1.10E+00
BP-25-SUR	Holmium-166m	8.35E-03		7.35E-03	1.37E-02	1.10E-02	1.10E+00
BP-26-SUR	Holmium-166m	-1.87E-03	U	1.34E-02	1.43E-02	1.10E-02	1.10E+00
BP-27-SUR	Holmium-166m	2.15E-03	U	3.29E-03	1.47E-02	1.10E-02	1.10E+00
BP-28-SUR	Holmium-166m	4.89E-03	U	6.23E-03	1.43E-02	1.10E-02	1.10E+00
BP-29-SUR	Holmium-166m	5.82E-03		5.61E-03	1.40E-02	1.10E-02	1.10E+00
BP-30-SUR	Holmium-166m	6.23E-03	U	7.35E-03	1.34E-02	1.10E-02	1.10E+00
BP-31-SUR	Holmium-166m	8.81E-03		8.81E-03	1.38E-02	1.10E-02	1.10E+00
BP-32-SUR	Holmium-166m	3.75E-03	U	5.55E-03	1.43E-02	1.10E-02	1.10E+00
BP-33-SUR	Holmium-166m	5.81E-03		5.12E-03	1.44E-02	1.10E-02	1.10E+00
BP-34-SUR	Holmium-166m	7.95E-03	U	1.12E-02	1.18E-02	1.10E-02	1.10E+00
BP-35-SUR	Holmium-166m	4.55E-03	U	5.16E-03	1.38E-02	1.10E-02	1.10E+00
BP-36-SUR	Holmium-166m	1.07E-02		9.11E-03	1.37E-02	1.10E-02	1.10E+00
BP-37-SUR	Holmium-166m	-4.06E-03	U	8.78E-03	1.33E-02	1.10E-02	1.10E+00
BP-38-SUR	Holmium-166m	5.47E-03	U	6.80E-03	1.30E-02	1.10E-02	1.10E+00
BP-39-SUR	Holmium-166m	3.87E-02		6.89E-03	1.31E-02	1.10E-02	1.10E+00
BP-40-SUR	Holmium-166m	1.28E-02		7.47E-03	1.34E-02	1.10E-02	1.10E+00
BP-41-SUR	Holmium-166m	3.70E-03	U	4.76E-03	1.41E-02	1.10E-02	1.10E+00
BP-42-SUR	Holmium-166m	3.75E-03	U	5.17E-03	1.34E-02	1.10E-02	1.10E+00

Table 17 - Holmium-166m Analytical Results

Sample ID	Analyte	Result (pCi/g)	Qualifier(s)	Uncertainty (+/- pCi/g)	MDC (pCi/g)	Agricultural 10^{-6} PRG (pCi/g)	Agricultural 10^{-4} PRG (pCi/g)
BP-43-SUR	Holmium-166m	3.38E-03		3.30E-03	1.42E-02	1.10E-02	1.10E+00
BP-44-SUR	Holmium-166m	7.84E-03		7.52E-03	1.15E-02	1.10E-02	1.10E+00
BP-45-SUR	Holmium-166m	1.42E-03	U	1.59E-03	1.38E-02	1.10E-02	1.10E+00
BP-46-SUR	Holmium-166m	2.44E-03	U	3.93E-03	1.27E-02	1.10E-02	1.10E+00
BP-47-SUR	Holmium-166m	2.01E-03	U	3.70E-03	1.21E-02	1.10E-02	1.10E+00
BP-48-SUR	Holmium-166m	2.63E-03	U	5.15E-03	1.47E-02	1.10E-02	1.10E+00
BP-49-SUR	Holmium-166m	8.59E-03		6.36E-03	1.17E-02	1.10E-02	1.10E+00
BP-50-SUR	Holmium-166m	1.66E-03	U	3.00E-03	1.36E-02	1.10E-02	1.10E+00
BP-51-SUR	Holmium-166m	3.39E-03	U	3.85E-03	1.16E-02	1.10E-02	1.10E+00
BP-52-SUR	Holmium-166m	1.26E-03	U	6.80E-03	1.13E-02	1.10E-02	1.10E+00
BP-53-SUR	Holmium-166m	2.71E-02		6.44E-03	1.39E-02	1.10E-02	1.10E+00
BP-54-SUR	Holmium-166m	-1.30E-03	U	6.27E-03	1.04E-02	1.10E-02	1.10E+00
Bridle Path Subsurface Samples (Santa Susana Formation)							
BP-3-SUB	Holmium-166m	4.27E-03		3.91E-03	1.15E-02	1.10E-02	1.10E+00
BP-4-SUB	Holmium-166m	1.00E-02		8.02E-03	1.29E-02	1.10E-02	1.10E+00
BP-5-SUB	Holmium-166m	5.60E-03	U	7.97E-03	1.31E-02	1.10E-02	1.10E+00
BP-9-SUB	Holmium-166m	-6.88E-03	U	7.09E-03	1.14E-02	1.10E-02	1.10E+00
BP-12-SUB	Holmium-166m	7.75E-03	U	7.83E-03	1.10E-02	1.10E-02	1.10E+00
BP-13-SUB	Holmium-166m	2.50E-03	U	3.50E-03	1.37E-02	1.10E-02	1.10E+00
BP-14-SUB	Holmium-166m	3.32E-03	U	4.12E-03	1.26E-02	1.10E-02	1.10E+00
BP-16-SUB	Holmium-166m	3.84E-03		3.10E-03	1.16E-02	1.10E-02	1.10E+00
BP-20-SUB	Holmium-166m	1.80E-02		4.86E-03	1.30E-02	1.10E-02	1.10E+00
BP-23-SUB	Holmium-166m	3.91E-03	U	6.29E-03	1.10E-02	1.10E-02	1.10E+00
BP-29-SUB	Holmium-166m	-1.59E-02	U	1.45E-01	2.59E-01	1.10E-02	1.10E+00
BP-34-SUB	Holmium-166m	2.73E-02		4.69E-03	1.40E-02	1.10E-02	1.10E+00
BP-35-SUB	Holmium-166m	7.80E-03		4.74E-03	1.17E-02	1.10E-02	1.10E+00
BP-38-SUB	Holmium-166m	2.14E-02		4.28E-03	1.40E-02	1.10E-02	1.10E+00
BP-43-SUB	Holmium-166m	1.86E-02		1.00E-02	1.30E-02	1.10E-02	1.10E+00
BP-45-SUB	Holmium-166m	3.15E-02		5.06E-03	1.36E-02	1.10E-02	1.10E+00
BP-46-SUB	Holmium-166m	9.53E-03		6.27E-03	1.60E-02	1.10E-02	1.10E+00
BP-48-SUB	Holmium-166m	4.35E-03	U	6.76E-03	1.37E-02	1.10E-02	1.10E+00
BP-50-SUB	Holmium-166m	6.55E-04	U	7.95E-03	1.32E-02	1.10E-02	1.10E+00
BP-51-SUB	Holmium-166m	4.62E-03	U	5.05E-03	1.39E-02	1.10E-02	1.10E+00

Notes:

pCi/g - Picocuries per gram of dry soil. Analyses for H-3, C-14, Tc-99, and I-129 are reported in units of pCi per gram of "as-received" soil.

MDC - Minimum Detectable Concentration

PRG - Preliminary Remediation Goal

Uncertainty - Reported at the 1.96σ Confidence Interval. Gamma Spec. Reported at the 2σ Confidence Interval.

Data Qualifiers:

B - Analyte present, but not detected substantially above the level reported in laboratory or field blanks.

J - The analyte was detected at the reported concentration: the quantitation is an estimate.

K - Analyte present. Reported value may be biased high. Actual value is expected to be lower.

L - Analyte present. Reported value may be biased low. Actual value is expected to be higher.

R - The result is rejected due to serious deficiences in the ability to analyze the sample and meet the Quality Control criteria.

U - Not considered detected. The associated number is the reported concentration.

UJ - Not considered detected. The associated number is the reported concentration which may be inaccurate.

UL - Not considered detected. The associated number is the reported concentration which may be inaccurate due to a low bias.

X - Excluded. The data point is associated with reanalyses or diluted analyses and is excluded because another result has been selecetd as the definitive result for the analyte

These results are qualified based on the usability of the data for its intended purpose, which is to develop a statistical profile against which to compare individual on-site sample results, to determine the extent of potential site contamination that may be attributable to site activities.

Table 18 - Lead-212 Analytical Results

Sample ID	Analyte	Result (pCi/g)	Qualifier(s)	Uncertainty (+/- pCi/g)	MDC (pCi/g)	Agricultural 10^{-6} PRG (pCi/g)	Agricultural 10^{-4} PRG (pCi/g)
Lang Ranch Surface Samples (Chatsworth Formation)							
LR-1-SUR	Lead-212	1.43E+00		1.65E-01	2.49E-02	8.00E+01	8.00E+03
LR-2-SUR	Lead-212	1.43E+00		1.66E-01	2.39E-02	8.00E+01	8.00E+03
LR-3-SUR	Lead-212	1.63E+00		1.87E-01	2.02E-02	8.00E+01	8.00E+03
LR-4-SUR	Lead-212	1.52E+00		1.75E-01	2.04E-02	8.00E+01	8.00E+03
LR-5-SUR	Lead-212	1.62E+00		1.86E-01	1.96E-02	8.00E+01	8.00E+03
LR-6-SUR	Lead-212	1.49E+00		1.73E-01	2.56E-02	8.00E+01	8.00E+03
LR-7-SUR	Lead-212	1.59E+00		1.83E-01	1.94E-02	8.00E+01	8.00E+03
LR-8-SUR	Lead-212	1.59E+00		1.83E-01	1.92E-02	8.00E+01	8.00E+03
LR-9-SUR	Lead-212	1.61E+00		1.85E-01	2.00E-02	8.00E+01	8.00E+03
LR-10-SUR	Lead-212	1.73E+00		2.21E-01	2.23E-02	8.00E+01	8.00E+03
LR-11-SUR	Lead-212	1.69E+00		2.16E-01	2.27E-02	8.00E+01	8.00E+03
LR-12-SUR	Lead-212	1.33E+00		1.54E-01	2.56E-02	8.00E+01	8.00E+03
LR-13-SUR	Lead-212	1.41E+00		1.62E-01	2.00E-02	8.00E+01	8.00E+03
LR-14-SUR	Lead-212	1.25E+00		1.45E-01	2.46E-02	8.00E+01	8.00E+03
LR-15-SUR	Lead-212	1.60E+00		1.85E-01	2.77E-02	8.00E+01	8.00E+03
LR-16-SUR	Lead-212	1.73E+00		1.98E-01	1.93E-02	8.00E+01	8.00E+03
LR-17-SUR	Lead-212	1.48E+00		1.70E-01	2.25E-02	8.00E+01	8.00E+03
LR-18-SUR	Lead-212	1.73E+00		1.99E-01	2.01E-02	8.00E+01	8.00E+03
LR-19-SUR	Lead-212	1.63E+00		1.89E-01	2.63E-02	8.00E+01	8.00E+03
LR-20-SUR	Lead-212	1.77E+00		2.03E-01	2.13E-02	8.00E+01	8.00E+03
LR-21-SUR	Lead-212	1.58E+00		1.83E-01	2.62E-02	8.00E+01	8.00E+03
LR-22-SUR	Lead-212	1.73E+00		1.99E-01	2.07E-02	8.00E+01	8.00E+03
LR-23-SUR	Lead-212	1.58E+00		1.82E-01	2.51E-02	8.00E+01	8.00E+03
LR-24-SUR	Lead-212	1.59E+00		1.83E-01	2.02E-02	8.00E+01	8.00E+03
LR-25-SUR	Lead-212	1.52E+00		1.76E-01	2.60E-02	8.00E+01	8.00E+03
LR-26-SUR	Lead-212	1.56E+00		1.79E-01	2.20E-02	8.00E+01	8.00E+03
LR-27-SUR	Lead-212	1.53E+00		1.75E-01	2.01E-02	8.00E+01	8.00E+03
Lang Ranch Subsurface Samples (Chatsworth Formation)							
LR-3-SUB	Lead-212	1.65E+00		1.90E-01	2.61E-02	8.00E+01	8.00E+03
LR-4-SUB	Lead-212	1.74E+00		2.00E-01	1.91E-02	8.00E+01	8.00E+03
LR-9-SUB	Lead-212	1.83E+00		2.10E-01	2.03E-02	8.00E+01	8.00E+03
LR-13-SUB	Lead-212	1.71E+00		1.97E-01	2.04E-02	8.00E+01	8.00E+03
LR-15-SUB	Lead-212	2.19E+00		2.79E-01	2.51E-02	8.00E+01	8.00E+03
LR-18-SUB	Lead-212	1.89E+00		2.41E-01	2.31E-02	8.00E+01	8.00E+03
LR-19-SUB	Lead-212	2.08E+00		2.66E-01	2.30E-02	8.00E+01	8.00E+03
LR-23-SUB	Lead-212	2.48E+00		3.16E-01	2.56E-02	8.00E+01	8.00E+03
LR-24-SUB	Lead-212	1.86E+00		2.37E-01	2.15E-02	8.00E+01	8.00E+03
LR-26-SUB	Lead-212	2.08E+00		2.65E-01	2.24E-02	8.00E+01	8.00E+03
Rocky Peak Surface Samples (Chatsworth Formation)							
RP-1-SUR	Lead-212	1.22E+00		1.41E-01	1.69E-02	8.00E+01	8.00E+03
RP-2-SUR	Lead-212	1.23E+00		1.41E-01	1.72E-02	8.00E+01	8.00E+03
RP-3-SUR	Lead-212	1.47E+00		1.88E-01	1.94E-02	8.00E+01	8.00E+03
RP-4-SUR	Lead-212	1.16E+00		1.34E-01	1.68E-02	8.00E+01	8.00E+03
RP-5-SUR	Lead-212	1.09E+00		1.26E-01	2.16E-02	8.00E+01	8.00E+03
RP-6-SUR	Lead-212	1.09E+00		1.27E-01	2.23E-02	8.00E+01	8.00E+03
RP-7-SUR	Lead-212	1.48E+00		1.89E-01	1.94E-02	8.00E+01	8.00E+03
RP-8-SUR	Lead-212	1.51E+00		1.93E-01	2.03E-02	8.00E+01	8.00E+03
RP-9-SUR	Lead-212	1.32E+00		1.39E-01	1.81E-02	8.00E+01	8.00E+03
RP-10-SUR	Lead-212	1.19E+00		1.38E-01	2.17E-02	8.00E+01	8.00E+03
RP-11-SUR	Lead-212	1.56E+00		1.99E-01	2.02E-02	8.00E+01	8.00E+03
RP-12-SUR	Lead-212	1.20E+00		1.38E-01	1.63E-02	8.00E+01	8.00E+03
RP-13-SUR	Lead-212	1.15E+00		1.32E-01	1.61E-02	8.00E+01	8.00E+03
RP-14-SUR	Lead-212	1.08E+00		1.26E-01	2.10E-02	8.00E+01	8.00E+03
RP-15-SUR	Lead-212	1.21E+00		1.39E-01	1.67E-02	8.00E+01	8.00E+03
RP-16-SUR	Lead-212	1.06E+00		1.23E-01	2.11E-02	8.00E+01	8.00E+03
RP-17-SUR	Lead-212	1.09E+00		1.27E-01	2.10E-02	8.00E+01	8.00E+03
RP-18-SUR	Lead-212	1.14E+00		1.33E-01	2.25E-02	8.00E+01	8.00E+03
RP-19-SUR	Lead-212	1.29E+00		1.49E-01	1.75E-02	8.00E+01	8.00E+03
RP-20-SUR	Lead-212	1.69E+00		2.15E-01	2.11E-02	8.00E+01	8.00E+03
RP-21-SUR	Lead-212	1.18E+00		1.36E-01	1.69E-02	8.00E+01	8.00E+03

Table 18 - Lead-212 Analytical Results

Sample ID	Analyte	Result (pCi/g)	Qualifier(s)	Uncertainty (+/- pCi/g)	MDC (pCi/g)	Agricultural 10^{-6} PRG (pCi/g)	Agricultural 10^{-4} PRG (pCi/g)
RP-22-SUR	Lead-212	1.20E+00		1.38E-01	1.70E-02	8.00E+01	8.00E+03
RP-23-SUR	Lead-212	1.50E+00		1.91E-01	2.21E-02	8.00E+01	8.00E+03
RP-24-SUR	Lead-212	1.14E+00		1.32E-01	2.07E-02	8.00E+01	8.00E+03
RP-25-SUR	Lead-212	1.13E+00		1.32E-01	2.30E-02	8.00E+01	8.00E+03
RP-26-SUR	Lead-212	1.17E+00		1.36E-01	2.22E-02	8.00E+01	8.00E+03
RP-27-SUR	Lead-212	1.37E+00		1.57E-01	1.82E-02	8.00E+01	8.00E+03
RP-28-SUR	Lead-212	1.40E+00		1.61E-01	1.85E-02	8.00E+01	8.00E+03
Rocky Peak Subsurface Samples (Chatsworth Formation)							
RP-1-SUB	Lead-212	1.17E+00		1.34E-01	1.69E-02	8.00E+01	8.00E+03
RP-5-SUB	Lead-212	1.36E+00		1.56E-01	1.84E-02	8.00E+01	8.00E+03
RP-7-SUB	Lead-212	1.37E+00		1.57E-01	1.83E-02	8.00E+01	8.00E+03
RP-12-SUB	Lead-212	1.16E+00		1.33E-01	1.63E-02	8.00E+01	8.00E+03
RP-13-SUB	Lead-212	1.38E+00		1.58E-01	1.79E-02	8.00E+01	8.00E+03
RP-17-SUB	Lead-212	1.35E+00		1.55E-01	1.97E-02	8.00E+01	8.00E+03
RP-18-SUB	Lead-212	1.52E+00		1.75E-01	1.84E-02	8.00E+01	8.00E+03
RP-19-SUB	Lead-212	1.43E+00		1.65E-01	1.84E-02	8.00E+01	8.00E+03
RP-20-SUB	Lead-212	1.42E+00		1.63E-01	1.82E-02	8.00E+01	8.00E+03
RP-28-SUB	Lead-212	1.27E+00		1.48E-01	2.30E-02	8.00E+01	8.00E+03
Bridle Path Surface Samples (Santa Susana Formation)							
BP-1-SUR	Lead-212	2.09E+00		2.39E-01	2.17E-02	8.00E+01	8.00E+03
BP-2-SUR	Lead-212	2.13E+00		2.45E-01	2.19E-02	8.00E+01	8.00E+03
BP-3-SUR	Lead-212	2.05E+00		2.35E-01	2.49E-02	8.00E+01	8.00E+03
BP-4-SUR	Lead-212	2.20E+00		2.54E-01	2.98E-02	8.00E+01	8.00E+03
BP-5-SUR	Lead-212	2.25E+00		2.59E-01	2.96E-02	8.00E+01	8.00E+03
BP-6-SUR	Lead-212	2.28E+00		2.62E-01	3.01E-02	8.00E+01	8.00E+03
BP-7-SUR	Lead-212	2.52E+00		2.88E-01	2.40E-02	8.00E+01	8.00E+03
BP-8-SUR	Lead-212	2.22E+00		2.55E-01	2.97E-02	8.00E+01	8.00E+03
BP-9-SUR	Lead-212	2.19E+00		2.53E-01	2.99E-02	8.00E+01	8.00E+03
BP-10-SUR	Lead-212	2.24E+00		2.58E-01	3.01E-02	8.00E+01	8.00E+03
BP-11-SUR	Lead-212	2.15E+00		2.48E-01	2.97E-02	8.00E+01	8.00E+03
BP-12-SUR	Lead-212	2.18E+00		2.50E-01	2.47E-02	8.00E+01	8.00E+03
BP-13-SUR	Lead-212	2.26E+00		2.36E-01	2.54E-02	8.00E+01	8.00E+03
BP-14-SUR	Lead-212	1.94E+00		2.22E-01	2.22E-02	8.00E+01	8.00E+03
BP-15-SUR	Lead-212	2.14E+00		2.45E-01	2.29E-02	8.00E+01	8.00E+03
BP-16-SUR	Lead-212	1.95E+00		2.25E-01	2.91E-02	8.00E+01	8.00E+03
BP-17-SUR	Lead-212	2.19E+00		2.52E-01	2.35E-02	8.00E+01	8.00E+03
BP-18-SUR	Lead-212	2.06E+00		2.37E-01	2.91E-02	8.00E+01	8.00E+03
BP-19-SUR	Lead-212	2.30E+00		2.40E-01	2.20E-02	8.00E+01	8.00E+03
BP-20-SUR	Lead-212	2.38E+00		2.73E-01	2.43E-02	8.00E+01	8.00E+03
BP-21-SUR	Lead-212	2.17E+00		2.50E-01	3.06E-02	8.00E+01	8.00E+03
BP-22-SUR	Lead-212	2.30E+00		2.41E-01	2.24E-02	8.00E+01	8.00E+03
BP-23-SUR	Lead-212	2.26E+00		2.37E-01	2.32E-02	8.00E+01	8.00E+03
BP-24-SUR	Lead-212	2.34E+00		2.44E-01	2.30E-02	8.00E+01	8.00E+03
BP-25-SUR	Lead-212	2.06E+00		2.15E-01	2.37E-02	8.00E+01	8.00E+03
BP-26-SUR	Lead-212	2.13E+00		2.23E-01	2.17E-02	8.00E+01	8.00E+03
BP-27-SUR	Lead-212	1.97E+00		2.08E-01	2.87E-02	8.00E+01	8.00E+03
BP-28-SUR	Lead-212	1.94E+00		2.03E-01	2.16E-02	8.00E+01	8.00E+03
BP-29-SUR	Lead-212	1.88E+00		1.98E-01	2.81E-02	8.00E+01	8.00E+03
BP-30-SUR	Lead-212	2.19E+00		2.79E-01	2.27E-02	8.00E+01	8.00E+03
BP-31-SUR	Lead-212	2.05E+00		2.16E-01	3.05E-02	8.00E+01	8.00E+03
BP-32-SUR	Lead-212	2.19E+00		2.30E-01	3.06E-02	8.00E+01	8.00E+03
BP-33-SUR	Lead-212	2.37E+00		3.01E-01	2.37E-02	8.00E+01	8.00E+03
BP-34-SUR	Lead-212	2.38E+00		2.49E-01	2.35E-02	8.00E+01	8.00E+03
BP-35-SUR	Lead-212	2.15E+00		2.73E-01	2.23E-02	8.00E+01	8.00E+03
BP-36-SUR	Lead-212	2.08E+00		2.65E-01	2.28E-02	8.00E+01	8.00E+03
BP-37-SUR	Lead-212	1.96E+00		2.50E-01	2.53E-02	8.00E+01	8.00E+03
BP-38-SUR	Lead-212	1.88E+00		2.40E-01	2.20E-02	8.00E+01	8.00E+03
BP-39-SUR	Lead-212	1.82E+00		2.33E-01	2.18E-02	8.00E+01	8.00E+03
BP-40-SUR	Lead-212	1.92E+00		2.44E-01	2.22E-02	8.00E+01	8.00E+03
BP-41-SUR	Lead-212	2.02E+00		2.12E-01	2.32E-02	8.00E+01	8.00E+03
BP-42-SUR	Lead-212	2.03E+00		2.58E-01	2.25E-02	8.00E+01	8.00E+03

Table 18 - Lead-212 Analytical Results

Sample ID	Analyte	Result (pCi/g)	Qualifier(s)	Uncertainty (+/- pCi/g)	MDC (pCi/g)	Agricultural 10^{-6} PRG (pCi/g)	Agricultural 10^{-4} PRG (pCi/g)
BP-43-SUR	Lead-212	2.09E+00		2.18E-01	2.21E-02	8.00E+01	8.00E+03
BP-44-SUR	Lead-212	2.01E+00		2.56E-01	2.24E-02	8.00E+01	8.00E+03
BP-45-SUR	Lead-212	1.98E+00		2.07E-01	2.27E-02	8.00E+01	8.00E+03
BP-46-SUR	Lead-212	2.04E+00		2.60E-01	2.34E-02	8.00E+01	8.00E+03
BP-47-SUR	Lead-212	2.26E+00		2.37E-01	2.11E-02	8.00E+01	8.00E+03
BP-48-SUR	Lead-212	2.29E+00		2.92E-01	2.57E-02	8.00E+01	8.00E+03
BP-49-SUR	Lead-212	2.30E+00		2.40E-01	1.93E-02	8.00E+01	8.00E+03
BP-50-SUR	Lead-212	2.10E+00		2.67E-01	2.48E-02	8.00E+01	8.00E+03
BP-51-SUR	Lead-212	2.11E+00		2.21E-01	1.87E-02	8.00E+01	8.00E+03
BP-52-SUR	Lead-212	1.82E+00		1.90E-01	1.83E-02	8.00E+01	8.00E+03
BP-53-SUR	Lead-212	1.71E+00		2.18E-01	2.41E-02	8.00E+01	8.00E+03
BP-54-SUR	Lead-212	1.62E+00		1.69E-01	1.78E-02	8.00E+01	8.00E+03
Bridle Path Subsurface Samples (Santa Susana Formation)							
BP-3-SUB	Lead-212	1.87E+00		1.96E-01	1.94E-02	8.00E+01	8.00E+03
BP-4-SUB	Lead-212	2.08E+00		2.64E-01	2.10E-02	8.00E+01	8.00E+03
BP-5-SUB	Lead-212	1.81E+00		2.31E-01	2.37E-02	8.00E+01	8.00E+03
BP-9-SUB	Lead-212	2.20E+00		2.31E-01	2.41E-02	8.00E+01	8.00E+03
BP-12-SUB	Lead-212	2.17E+00		2.76E-01	2.43E-02	8.00E+01	8.00E+03
BP-13-SUB	Lead-212	2.44E+00		2.56E-01	2.19E-02	8.00E+01	8.00E+03
BP-14-SUB	Lead-212	1.63E+00		2.08E-01	2.32E-02	8.00E+01	8.00E+03
BP-16-SUB	Lead-212	2.38E+00		2.49E-01	1.87E-02	8.00E+01	8.00E+03
BP-20-SUB	Lead-212	1.71E+00		2.19E-01	2.30E-02	8.00E+01	8.00E+03
BP-23-SUB	Lead-212	1.98E+00		2.07E-01	1.77E-02	8.00E+01	8.00E+03
BP-29-SUB	Lead-212	1.83E+00		4.35E-01	3.80E-01	8.00E+01	8.00E+03
BP-34-SUB	Lead-212	2.54E+00		3.23E-01	2.54E-02	8.00E+01	8.00E+03
BP-35-SUB	Lead-212	2.46E+00		2.57E-01	1.90E-02	8.00E+01	8.00E+03
BP-38-SUB	Lead-212	1.82E+00		2.32E-01	2.43E-02	8.00E+01	8.00E+03
BP-43-SUB	Lead-212	1.58E+00		1.69E-01	3.67E-02	8.00E+01	8.00E+03
BP-45-SUB	Lead-212	2.33E+00		2.96E-01	2.29E-02	8.00E+01	8.00E+03
BP-46-SUB	Lead-212	2.53E+00		2.64E-01	2.48E-02	8.00E+01	8.00E+03
BP-48-SUB	Lead-212	1.91E+00		2.44E-01	2.30E-02	8.00E+01	8.00E+03
BP-50-SUB	Lead-212	2.05E+00		2.14E-01	2.17E-02	8.00E+01	8.00E+03
BP-51-SUB	Lead-212	2.67E+00		3.40E-01	2.52E-02	8.00E+01	8.00E+03

Notes:

pCi/g - Picocuries per gram of dry soil. Analyses for H-3, C-14, Tc-99, and I-129 are reported in units of pCi per gram of "as-received" soil.

MDC - Minimum Detectable Concentration

PRG - Preliminary Remediation Goal

Uncertainty - Reported at the 1.96σ Confidence Interval. Gamma Spec. Reported at the 2σ Confidence Interval.

Data Qualifiers:

B - Analyte present, but not detected substantially above the level reported in laboratory or field blanks.

J - The analyte was detected at the reported concentration: the quantitation is an estimate.

K - Analyte present. Reported value may be biased high. Actual value is expected to be lower.

L - Analyte present. Reported value may be biased low. Actual value is expected to be higher.

R - The result is rejected due to serious deficiences in the ability to analyze the sample and meet the Quality Control criteria.

U - Not considered detected. The associated number is the reported concentration.

UJ - Not considered detected. The associated number is the reported concentration which may be inaccurate.

UL - Not considered detected. The associated number is the reported concentration which may be inaccurate due to a low bias.

X - Excluded. The data point is associated with reanalyses or diluted analyses and is excluded because another result has been selecetd as the definitive result for the analyte

These results are qualified based on the usability of the data for its intended purpose, which is to develop a statistical profile against which to compare individual on-site sample results, to determine the extent of potential site contamination that may be attributable to site activities.

Table 19 - Lead-214 Analytical Results

Sample ID	Analyte	Result (pCi/g)	Qualifier(s)	Uncertainty (+/- pCi/g)	MDC (pCi/g)	Agricultural 10^{-6} PRG (pCi/g)	Agricultural 10^{-4} PRG (pCi/g)
Lang Ranch Surface Samples (Chatsworth Formation)							
LR-1-SUR	Lead-214	1.22E+00		1.39E-01	1.76E-02	3.49E+04	3.49E+06
LR-2-SUR	Lead-214	1.23E+00		1.40E-01	1.90E-02	3.49E+04	3.49E+06
LR-3-SUR	Lead-214	1.27E+00		1.45E-01	1.99E-02	3.49E+04	3.49E+06
LR-4-SUR	Lead-214	1.16E+00		1.33E-01	2.05E-02	3.49E+04	3.49E+06
LR-5-SUR	Lead-214	1.28E+00		1.45E-01	1.88E-02	3.49E+04	3.49E+06
LR-6-SUR	Lead-214	1.30E+00		1.48E-01	2.04E-02	3.49E+04	3.49E+06
LR-7-SUR	Lead-214	1.13E+00		1.28E-01	1.91E-02	3.49E+04	3.49E+06
LR-8-SUR	Lead-214	1.17E+00		1.34E-01	2.02E-02	3.49E+04	3.49E+06
LR-9-SUR	Lead-214	1.18E+00		1.35E-01	2.09E-02	3.49E+04	3.49E+06
LR-10-SUR	Lead-214	1.05E+00		1.31E-01	1.87E-02	3.49E+04	3.49E+06
LR-11-SUR	Lead-214	1.10E+00		1.36E-01	1.94E-02	3.49E+04	3.49E+06
LR-12-SUR	Lead-214	1.12E+00		1.28E-01	1.88E-02	3.49E+04	3.49E+06
LR-13-SUR	Lead-214	1.11E+00		1.27E-01	1.96E-02	3.49E+04	3.49E+06
LR-14-SUR	Lead-214	1.02E+00		1.16E-01	1.93E-02	3.49E+04	3.49E+06
LR-15-SUR	Lead-214	1.15E+00		1.31E-01	2.02E-02	3.49E+04	3.49E+06
LR-16-SUR	Lead-214	1.07E+00		1.22E-01	1.93E-02	3.49E+04	3.49E+06
LR-17-SUR	Lead-214	1.04E+00		1.18E-01	1.80E-02	3.49E+04	3.49E+06
LR-18-SUR	Lead-214	1.17E+00		1.33E-01	1.81E-02	3.49E+04	3.49E+06
LR-19-SUR	Lead-214	1.25E+00		1.42E-01	2.03E-02	3.49E+04	3.49E+06
LR-20-SUR	Lead-214	1.25E+00		1.42E-01	2.09E-02	3.49E+04	3.49E+06
LR-21-SUR	Lead-214	1.23E+00		1.40E-01	2.13E-02	3.49E+04	3.49E+06
LR-22-SUR	Lead-214	1.23E+00		1.40E-01	2.13E-02	3.49E+04	3.49E+06
LR-23-SUR	Lead-214	1.18E+00		1.34E-01	1.89E-02	3.49E+04	3.49E+06
LR-24-SUR	Lead-214	1.18E+00		1.35E-01	1.95E-02	3.49E+04	3.49E+06
LR-25-SUR	Lead-214	1.24E+00		1.41E-01	2.00E-02	3.49E+04	3.49E+06
LR-26-SUR	Lead-214	1.20E+00		1.37E-01	1.94E-02	3.49E+04	3.49E+06
LR-27-SUR	Lead-214	1.17E+00		1.33E-01	1.89E-02	3.49E+04	3.49E+06
Lang Ranch Subsurface Samples (Chatsworth Formation)							
LR-3-SUB	Lead-214	1.24E+00		1.40E-01	1.88E-02	3.49E+04	3.49E+06
LR-4-SUB	Lead-214	1.10E+00		1.25E-01	1.82E-02	3.49E+04	3.49E+06
LR-9-SUB	Lead-214	9.97E-01		1.14E-01	1.98E-02	3.49E+04	3.49E+06
LR-13-SUB	Lead-214	1.19E+00		1.36E-01	1.89E-02	3.49E+04	3.49E+06
LR-15-SUB	Lead-214	1.17E+00		1.46E-01	2.12E-02	3.49E+04	3.49E+06
LR-18-SUB	Lead-214	1.11E+00		1.38E-01	1.99E-02	3.49E+04	3.49E+06
LR-19-SUB	Lead-214	1.21E+00		1.50E-01	1.88E-02	3.49E+04	3.49E+06
LR-23-SUB	Lead-214	1.28E+00		1.58E-01	1.86E-02	3.49E+04	3.49E+06
LR-24-SUB	Lead-214	1.15E+00		1.42E-01	1.77E-02	3.49E+04	3.49E+06
LR-26-SUB	Lead-214	9.92E-01		1.24E-01	1.94E-02	3.49E+04	3.49E+06
Rocky Peak Surface Samples (Chatsworth Formation)							
RP-1-SUR	Lead-214	7.29E-01		8.33E-02	1.42E-02	3.49E+04	3.49E+06
RP-2-SUR	Lead-214	7.43E-01		8.59E-02	1.74E-02	3.49E+04	3.49E+06
RP-3-SUR	Lead-214	6.53E-01		8.18E-02	1.46E-02	3.49E+04	3.49E+06
RP-4-SUR	Lead-214	7.43E-01		8.57E-02	1.67E-02	3.49E+04	3.49E+06
RP-5-SUR	Lead-214	7.84E-01		9.00E-02	1.65E-02	3.49E+04	3.49E+06
RP-6-SUR	Lead-214	8.12E-01		9.34E-02	1.72E-02	3.49E+04	3.49E+06
RP-7-SUR	Lead-214	7.33E-01		9.18E-02	1.55E-02	3.49E+04	3.49E+06
RP-8-SUR	Lead-214	7.81E-01		9.74E-02	1.50E-02	3.49E+04	3.49E+06
RP-9-SUR	Lead-214	7.79E-01		8.20E-02	1.31E-02	3.49E+04	3.49E+06
RP-10-SUR	Lead-214	8.69E-01		9.83E-02	1.28E-02	3.49E+04	3.49E+06
RP-11-SUR	Lead-214	7.81E-01		9.75E-02	1.59E-02	3.49E+04	3.49E+06
RP-12-SUR	Lead-214	7.19E-01		8.24E-02	1.50E-02	3.49E+04	3.49E+06
RP-13-SUR	Lead-214	7.15E-01		8.23E-02	1.55E-02	3.49E+04	3.49E+06
RP-14-SUR	Lead-214	7.98E-01		9.15E-02	1.60E-02	3.49E+04	3.49E+06
RP-15-SUR	Lead-214	7.87E-01		8.99E-02	1.49E-02	3.49E+04	3.49E+06
RP-16-SUR	Lead-214	7.99E-01		9.17E-02	1.62E-02	3.49E+04	3.49E+06
RP-17-SUR	Lead-214	8.26E-01		9.42E-02	1.49E-02	3.49E+04	3.49E+06
RP-18-SUR	Lead-214	8.80E-01		1.01E-01	1.62E-02	3.49E+04	3.49E+06
RP-19-SUR	Lead-214	8.90E-01		1.01E-01	1.61E-02	3.49E+04	3.49E+06
RP-20-SUR	Lead-214	7.81E-01		9.79E-02	1.69E-02	3.49E+04	3.49E+06
RP-21-SUR	Lead-214	6.96E-01		7.98E-02	1.46E-02	3.49E+04	3.49E+06

Table 19 - Lead-214 Analytical Results

Sample ID	Analyte	Result (pCi/g)	Qualifier(s)	Uncertainty (+/- pCi/g)	MDC (pCi/g)	Agricultural 10^{-6} PRG (pCi/g)	Agricultural 10^{-4} PRG (pCi/g)
RP-22-SUR	Lead-214	7.36E-01		8.42E-02	1.44E-02	3.49E+04	3.49E+06
RP-23-SUR	Lead-214	7.50E-01		9.37E-02	1.50E-02	3.49E+04	3.49E+06
RP-24-SUR	Lead-214	7.83E-01		8.99E-02	1.65E-02	3.49E+04	3.49E+06
RP-25-SUR	Lead-214	8.50E-01		9.76E-02	1.72E-02	3.49E+04	3.49E+06
RP-26-SUR	Lead-214	8.47E-01		9.73E-02	1.73E-02	3.49E+04	3.49E+06
RP-27-SUR	Lead-214	8.81E-01		1.01E-01	1.77E-02	3.49E+04	3.49E+06
RP-28-SUR	Lead-214	8.73E-01		9.99E-02	1.66E-02	3.49E+04	3.49E+06
Rocky Peak Subsurface Samples (Chatsworth Formation)							
RP-1-SUB	Lead-214	6.95E-01		8.04E-02	1.68E-02	3.49E+04	3.49E+06
RP-5-SUB	Lead-214	8.31E-01		9.56E-02	1.78E-02	3.49E+04	3.49E+06
RP-7-SUB	Lead-214	8.33E-01		9.57E-02	1.72E-02	3.49E+04	3.49E+06
RP-12-SUB	Lead-214	6.86E-01		7.86E-02	1.40E-02	3.49E+04	3.49E+06
RP-13-SUB	Lead-214	8.26E-01		9.43E-02	1.53E-02	3.49E+04	3.49E+06
RP-17-SUB	Lead-214	8.63E-01		9.90E-02	1.72E-02	3.49E+04	3.49E+06
RP-18-SUB	Lead-214	9.06E-01		1.04E-01	1.78E-02	3.49E+04	3.49E+06
RP-19-SUB	Lead-214	8.58E-01		9.79E-02	1.56E-02	3.49E+04	3.49E+06
RP-20-SUB	Lead-214	8.58E-01		9.83E-02	1.65E-02	3.49E+04	3.49E+06
RP-28-SUB	Lead-214	8.28E-01		9.51E-02	1.71E-02	3.49E+04	3.49E+06
Bridle Path Surface Samples (Santa Susana Formation)							
BP-1-SUR	Lead-214	1.43E+00		1.62E-01	2.01E-02	3.49E+04	3.49E+06
BP-2-SUR	Lead-214	1.47E+00		1.67E-01	2.11E-02	3.49E+04	3.49E+06
BP-3-SUR	Lead-214	1.46E+00		1.65E-01	1.94E-02	3.49E+04	3.49E+06
BP-4-SUR	Lead-214	1.62E+00		1.83E-01	2.26E-02	3.49E+04	3.49E+06
BP-5-SUR	Lead-214	1.61E+00		1.82E-01	2.04E-02	3.49E+04	3.49E+06
BP-6-SUR	Lead-214	1.68E+00		1.90E-01	2.18E-02	3.49E+04	3.49E+06
BP-7-SUR	Lead-214	1.64E+00		1.86E-01	2.16E-02	3.49E+04	3.49E+06
BP-8-SUR	Lead-214	1.64E+00		1.85E-01	2.08E-02	3.49E+04	3.49E+06
BP-9-SUR	Lead-214	1.66E+00		1.88E-01	2.19E-02	3.49E+04	3.49E+06
BP-10-SUR	Lead-214	1.64E+00		1.85E-01	2.17E-02	3.49E+04	3.49E+06
BP-11-SUR	Lead-214	1.59E+00		1.81E-01	2.27E-02	3.49E+04	3.49E+06
BP-12-SUR	Lead-214	1.53E+00		1.74E-01	2.02E-02	3.49E+04	3.49E+06
BP-13-SUR	Lead-214	1.60E+00		1.68E-01	2.07E-02	3.49E+04	3.49E+06
BP-14-SUR	Lead-214	1.39E+00		1.58E-01	1.96E-02	3.49E+04	3.49E+06
BP-15-SUR	Lead-214	1.46E+00		1.66E-01	2.22E-02	3.49E+04	3.49E+06
BP-16-SUR	Lead-214	1.48E+00		1.68E-01	2.08E-02	3.49E+04	3.49E+06
BP-17-SUR	Lead-214	1.46E+00		1.66E-01	2.22E-02	3.49E+04	3.49E+06
BP-18-SUR	Lead-214	1.47E+00		1.67E-01	2.04E-02	3.49E+04	3.49E+06
BP-19-SUR	Lead-214	1.54E+00		1.61E-01	2.12E-02	3.49E+04	3.49E+06
BP-20-SUR	Lead-214	1.61E+00		1.82E-01	2.07E-02	3.49E+04	3.49E+06
BP-21-SUR	Lead-214	1.57E+00		1.78E-01	2.04E-02	3.49E+04	3.49E+06
BP-22-SUR	Lead-214	1.56E+00		1.63E-01	2.28E-02	3.49E+04	3.49E+06
BP-23-SUR	Lead-214	1.55E+00		1.62E-01	2.27E-02	3.49E+04	3.49E+06
BP-24-SUR	Lead-214	1.52E+00		1.59E-01	2.19E-02	3.49E+04	3.49E+06
BP-25-SUR	Lead-214	1.46E+00		1.53E-01	1.97E-02	3.49E+04	3.49E+06
BP-26-SUR	Lead-214	1.38E+00		1.45E-01	2.20E-02	3.49E+04	3.49E+06
BP-27-SUR	Lead-214	1.40E+00		1.47E-01	2.01E-02	3.49E+04	3.49E+06
BP-28-SUR	Lead-214	1.36E+00		1.43E-01	2.16E-02	3.49E+04	3.49E+06
BP-29-SUR	Lead-214	1.31E+00		1.38E-01	2.08E-02	3.49E+04	3.49E+06
BP-30-SUR	Lead-214	1.46E+00		1.80E-01	2.10E-02	3.49E+04	3.49E+06
BP-31-SUR	Lead-214	1.40E+00		1.47E-01	2.12E-02	3.49E+04	3.49E+06
BP-32-SUR	Lead-214	1.45E+00		1.53E-01	2.22E-02	3.49E+04	3.49E+06
BP-33-SUR	Lead-214	1.45E+00		1.80E-01	2.06E-02	3.49E+04	3.49E+06
BP-34-SUR	Lead-214	1.48E+00		1.55E-01	1.96E-02	3.49E+04	3.49E+06
BP-35-SUR	Lead-214	1.28E+00		1.58E-01	2.13E-02	3.49E+04	3.49E+06
BP-36-SUR	Lead-214	1.27E+00		1.57E-01	1.89E-02	3.49E+04	3.49E+06
BP-37-SUR	Lead-214	1.23E+00		1.53E-01	2.00E-02	3.49E+04	3.49E+06
BP-38-SUR	Lead-214	1.10E+00		1.37E-01	2.07E-02	3.49E+04	3.49E+06
BP-39-SUR	Lead-214	1.07E+00		1.33E-01	1.81E-02	3.49E+04	3.49E+06
BP-40-SUR	Lead-214	1.16E+00		1.44E-01	1.97E-02	3.49E+04	3.49E+06
BP-41-SUR	Lead-214	1.24E+00		1.31E-01	2.13E-02	3.49E+04	3.49E+06
BP-42-SUR	Lead-214	1.23E+00		1.52E-01	1.93E-02	3.49E+04	3.49E+06

Table 19 - Lead-214 Analytical Results

Sample ID	Analyte	Result (pCi/g)	Qualifier(s)	Uncertainty (+/- pCi/g)	MDC (pCi/g)	Agricultural 10^{-6} PRG (pCi/g)	Agricultural 10^{-4} PRG (pCi/g)
BP-43-SUR	Lead-214	1.25E+00		1.31E-01	2.01E-02	3.49E+04	3.49E+06
BP-44-SUR	Lead-214	1.23E+00		1.53E-01	1.97E-02	3.49E+04	3.49E+06
BP-45-SUR	Lead-214	1.20E+00		1.27E-01	2.03E-02	3.49E+04	3.49E+06
BP-46-SUR	Lead-214	1.21E+00		1.50E-01	2.05E-02	3.49E+04	3.49E+06
BP-47-SUR	Lead-214	1.39E+00		1.45E-01	1.85E-02	3.49E+04	3.49E+06
BP-48-SUR	Lead-214	1.31E+00		1.63E-01	2.22E-02	3.49E+04	3.49E+06
BP-49-SUR	Lead-214	1.27E+00		1.33E-01	1.78E-02	3.49E+04	3.49E+06
BP-50-SUR	Lead-214	1.25E+00		1.55E-01	2.07E-02	3.49E+04	3.49E+06
BP-51-SUR	Lead-214	1.27E+00		1.32E-01	1.64E-02	3.49E+04	3.49E+06
BP-52-SUR	Lead-214	1.10E+00		1.15E-01	1.71E-02	3.49E+04	3.49E+06
BP-53-SUR	Lead-214	1.03E+00		1.28E-01	1.96E-02	3.49E+04	3.49E+06
BP-54-SUR	Lead-214	9.47E-01		9.96E-02	1.54E-02	3.49E+04	3.49E+06
Bridle Path Subsurface Samples (Santa Susana Formation)							
BP-3-SUB	Lead-214	9.82E-01		1.04E-01	1.69E-02	3.49E+04	3.49E+06
BP-4-SUB	Lead-214	1.04E+00		1.30E-01	1.98E-02	3.49E+04	3.49E+06
BP-5-SUB	Lead-214	1.04E+00		1.29E-01	1.87E-02	3.49E+04	3.49E+06
BP-9-SUB	Lead-214	1.13E+00		1.18E-01	1.58E-02	3.49E+04	3.49E+06
BP-12-SUB	Lead-214	1.18E+00		1.47E-01	1.86E-02	3.49E+04	3.49E+06
BP-13-SUB	Lead-214	1.26E+00		1.32E-01	1.92E-02	3.49E+04	3.49E+06
BP-14-SUB	Lead-214	1.05E+00		1.31E-01	1.89E-02	3.49E+04	3.49E+06
BP-16-SUB	Lead-214	1.18E+00		1.24E-01	1.76E-02	3.49E+04	3.49E+06
BP-20-SUB	Lead-214	9.08E-01		1.14E-01	1.91E-02	3.49E+04	3.49E+06
BP-23-SUB	Lead-214	1.03E+00		1.08E-01	1.56E-02	3.49E+04	3.49E+06
BP-29-SUB	Lead-214	1.01E+00		2.62E-01	9.64E-02	3.49E+04	3.49E+06
BP-34-SUB	Lead-214	1.24E+00		1.54E-01	2.12E-02	3.49E+04	3.49E+06
BP-35-SUB	Lead-214	1.19E+00		1.25E-01	1.79E-02	3.49E+04	3.49E+06
BP-38-SUB	Lead-214	1.00E+00		1.25E-01	2.13E-02	3.49E+04	3.49E+06
BP-43-SUB	Lead-214	1.05E+00		1.12E-01	2.17E-02	3.49E+04	3.49E+06
BP-45-SUB	Lead-214	1.16E+00		1.43E-01	2.02E-02	3.49E+04	3.49E+06
BP-46-SUB	Lead-214	1.22E+00		1.29E-01	2.22E-02	3.49E+04	3.49E+06
BP-48-SUB	Lead-214	9.54E-01		1.19E-01	1.93E-02	3.49E+04	3.49E+06
BP-50-SUB	Lead-214	1.07E+00		1.13E-01	1.89E-02	3.49E+04	3.49E+06
BP-51-SUB	Lead-214	1.33E+00		1.66E-01	2.11E-02	3.49E+04	3.49E+06

Notes:

pCi/g - Picocuries per gram of dry soil. Analyses for H-3, C-14, Tc-99, and I-129 are reported in units of pCi per gram of "as-received" soil.

MDC - Minimum Detectable Concentration

PRG - Preliminary Remediation Goal

Uncertainty - Reported at the 1.96σ Confidence Interval. Gamma Spec. Reported at the 2σ Confidence Interval.

Data Qualifiers:

B - Analyte present, but not detected substantially above the level reported in laboratory or field blanks.

J - The analyte was detected at the reported concentration: the quantitation is an estimate.

K - Analyte present. Reported value may be biased high. Actual value is expected to be lower.

L - Analyte present. Reported value may be biased low. Actual value is expected to be higher.

R - The result is rejected due to serious deficiences in the ability to analyze the sample and meet the Quality Control criteria.

U - Not considered detected. The associated number is the reported concentration.

UJ - Not considered detected. The associated number is the reported concentration which may be inaccurate.

UL - Not considered detected. The associated number is the reported concentration which may be inaccurate due to a low bias.

X - Excluded. The data point is associated with reanalyses or diluted analyses and is excluded because another result has been selecetd as the definitive result for the analyte

These results are qualified based on the usability of the data for its intended purpose, which is to develop a statistical profile against which to compare individual on-site sample results, to determine the extent of potential site contamination that may be attributable to site activities.

Table 20 - Neptunium-236 Analytical Results

Sample ID	Analyte	Result (pCi/g)	Qualifier(s)	Uncertainty (+/- pCi/g)	MDC (pCi/g)	Agricultural 10^{-6} PRG (pCi/g)	Agricultural 10^{-4} PRG (pCi/g)
Lang Ranch Surface Samples (Chatsworth Formation)							
LR-1-SUR	Neptunium-236	1.31E-02	U	1.43E-02	3.55E-02	2.81E-03	2.81E-01
LR-2-SUR	Neptunium-236	-2.86E-04	U	5.65E-02	3.54E-02	2.81E-03	2.81E-01
LR-3-SUR	Neptunium-236	-9.41E-03	U	2.42E-02	3.49E-02	2.81E-03	2.81E-01
LR-4-SUR	Neptunium-236	1.01E-02		9.22E-03	3.52E-02	2.81E-03	2.81E-01
LR-5-SUR	Neptunium-236	1.32E-04	U	1.85E-02	3.06E-02	2.81E-03	2.81E-01
LR-6-SUR	Neptunium-236	-9.65E-03	U	2.55E-02	3.67E-02	2.81E-03	2.81E-01
LR-7-SUR	Neptunium-236	-3.49E-04	U	7.29E-02	3.53E-02	2.81E-03	2.81E-01
LR-8-SUR	Neptunium-236	-6.85E-03	U	2.56E-02	3.52E-02	2.81E-03	2.81E-01
LR-9-SUR	Neptunium-236	-7.70E-03	U	2.60E-02	3.61E-02	2.81E-03	2.81E-01
LR-10-SUR	Neptunium-236	1.39E-02	U	1.49E-02	3.57E-02	2.81E-03	2.81E-01
LR-11-SUR	Neptunium-236	-1.35E-02	U	2.22E-02	3.62E-02	2.81E-03	2.81E-01
LR-12-SUR	Neptunium-236	1.54E-02		1.49E-02	3.46E-02	2.81E-03	2.81E-01
LR-13-SUR	Neptunium-236	1.49E-02	U	2.10E-02	3.05E-02	2.81E-03	2.81E-01
LR-14-SUR	Neptunium-236	9.10E-03	U	9.51E-03	3.32E-02	2.81E-03	2.81E-01
LR-15-SUR	Neptunium-236	7.57E-03	U	8.70E-03	3.48E-02	2.81E-03	2.81E-01
LR-16-SUR	Neptunium-236	1.63E-02		1.61E-02	3.44E-02	2.81E-03	2.81E-01
LR-17-SUR	Neptunium-236	3.02E-03	U	3.28E-03	3.25E-02	2.81E-03	2.81E-01
LR-18-SUR	Neptunium-236	-1.13E-02	U	2.18E-02	3.58E-02	2.81E-03	2.81E-01
LR-19-SUR	Neptunium-236	3.45E-03	U	4.50E-03	3.42E-02	2.81E-03	2.81E-01
LR-20-SUR	Neptunium-236	-6.04E-03	U	2.28E-02	3.74E-02	2.81E-03	2.81E-01
LR-21-SUR	Neptunium-236	-1.67E-02	U	2.26E-02	3.72E-02	2.81E-03	2.81E-01
LR-22-SUR	Neptunium-236	1.88E-02		1.66E-02	3.66E-02	2.81E-03	2.81E-01
LR-23-SUR	Neptunium-236	1.64E-02	U	1.65E-02	3.12E-02	2.81E-03	2.81E-01
LR-24-SUR	Neptunium-236	-1.49E-03	U	1.95E-02	3.22E-02	2.81E-03	2.81E-01
LR-25-SUR	Neptunium-236	-4.62E-03	U	1.64E-02	2.72E-02	2.81E-03	2.81E-01
LR-26-SUR	Neptunium-236	-1.26E-02	U	2.18E-02	3.59E-02	2.81E-03	2.81E-01
LR-27-SUR	Neptunium-236	2.13E-02		1.56E-02	3.50E-02	2.81E-03	2.81E-01
Lang Ranch Subsurface Samples (Chatsworth Formation)							
LR-3-SUB	Neptunium-236	1.78E-02		1.54E-02	3.65E-02	2.81E-03	2.81E-01
LR-4-SUB	Neptunium-236	2.04E-02		1.55E-02	3.45E-02	2.81E-03	2.81E-01
LR-9-SUB	Neptunium-236	9.38E-03		8.03E-03	3.32E-02	2.81E-03	2.81E-01
LR-13-SUB	Neptunium-236	8.93E-03		8.37E-03	3.61E-02	2.81E-03	2.81E-01
LR-15-SUB	Neptunium-236	9.96E-03	U	1.61E-02	3.77E-02	2.81E-03	2.81E-01
LR-18-SUB	Neptunium-236	9.67E-03		9.13E-03	3.69E-02	2.81E-03	2.81E-01
LR-19-SUB	Neptunium-236	-3.79E-03	U	2.31E-02	3.71E-02	2.81E-03	2.81E-01
LR-23-SUB	Neptunium-236	7.42E-03		7.34E-03	3.58E-02	2.81E-03	2.81E-01
LR-24-SUB	Neptunium-236	-8.18E-03	U	2.78E-02	3.52E-02	2.81E-03	2.81E-01
LR-26-SUB	Neptunium-236	4.09E-04	U	2.15E-02	3.55E-02	2.81E-03	2.81E-01
Rocky Peak Surface Samples (Chatsworth Formation)							
RP-1-SUR	Neptunium-236	2.00E-02		1.79E-02	2.67E-02	2.81E-03	2.81E-01
RP-2-SUR	Neptunium-236	-3.43E-03	U	1.38E-02	2.25E-02	2.81E-03	2.81E-01
RP-3-SUR	Neptunium-236	-1.57E-02	U	1.73E-02	2.79E-02	2.81E-03	2.81E-01
RP-4-SUR	Neptunium-236	-1.91E-04	U	2.34E-02	2.95E-02	2.81E-03	2.81E-01
RP-5-SUR	Neptunium-236	4.94E-03	U	8.38E-03	3.00E-02	2.81E-03	2.81E-01
RP-6-SUR	Neptunium-236	2.03E-03	U	1.83E-02	3.03E-02	2.81E-03	2.81E-01
RP-7-SUR	Neptunium-236	-7.40E-03	U	1.83E-02	2.92E-02	2.81E-03	2.81E-01
RP-8-SUR	Neptunium-236	-1.25E-03	U	1.91E-02	2.55E-02	2.81E-03	2.81E-01
RP-9-SUR	Neptunium-236	9.81E-03	U	1.05E-02	2.42E-02	2.81E-03	2.81E-01
RP-10-SUR	Neptunium-236	-5.81E-03	U	1.88E-02	3.08E-02	2.81E-03	2.81E-01
RP-11-SUR	Neptunium-236	1.40E-02		1.26E-02	2.99E-02	2.81E-03	2.81E-01
RP-12-SUR	Neptunium-236	-7.63E-03	U	1.74E-02	2.86E-02	2.81E-03	2.81E-01
RP-13-SUR	Neptunium-236	2.64E-03	U	4.33E-03	2.71E-02	2.81E-03	2.81E-01
RP-14-SUR	Neptunium-236	1.39E-02		9.93E-03	2.91E-02	2.81E-03	2.81E-01
RP-15-SUR	Neptunium-236	1.47E-02	U	1.96E-02	2.90E-02	2.81E-03	2.81E-01
RP-16-SUR	Neptunium-236	1.13E-02	U	1.32E-02	2.87E-02	2.81E-03	2.81E-01
RP-17-SUR	Neptunium-236	4.00E-03	U	1.76E-02	2.92E-02	2.81E-03	2.81E-01
RP-18-SUR	Neptunium-236	1.36E-02	U	1.75E-02	3.00E-02	2.81E-03	2.81E-01
RP-19-SUR	Neptunium-236	-7.71E-03	U	2.79E-02	2.71E-02	2.81E-03	2.81E-01
RP-20-SUR	Neptunium-236	2.04E-02		1.54E-02	3.07E-02	2.81E-03	2.81E-01
RP-21-SUR	Neptunium-236	-7.44E-03	U	1.76E-02	2.90E-02	2.81E-03	2.81E-01

Table 20 - Neptunium-236 Analytical Results

Sample ID	Analyte	Result (pCi/g)	Qualifier(s)	Uncertainty (+/- pCi/g)	MDC (pCi/g)	Agricultural 10^{-6} PRG (pCi/g)	Agricultural 10^{-4} PRG (pCi/g)
RP-22-SUR	Neptunium-236	-4.61E-04	U	1.57E-02	2.60E-02	2.81E-03	2.81E-01
RP-23-SUR	Neptunium-236	-8.37E-03	U	1.85E-02	3.05E-02	2.81E-03	2.81E-01
RP-24-SUR	Neptunium-236	3.99E-04	U	1.77E-02	2.93E-02	2.81E-03	2.81E-01
RP-25-SUR	Neptunium-236	-7.16E-03	U	1.87E-02	3.09E-02	2.81E-03	2.81E-01
RP-26-SUR	Neptunium-236	4.91E-04	U	1.47E-02	2.44E-02	2.81E-03	2.81E-01
RP-27-SUR	Neptunium-236	3.15E-04	U	1.72E-02	2.85E-02	2.81E-03	2.81E-01
RP-28-SUR	Neptunium-236	-4.69E-03	U	1.90E-02	3.15E-02	2.81E-03	2.81E-01
Rocky Peak Subsurface Samples (Chatsworth Formation)							
RP-1-SUB	Neptunium-236	-5.84E-04	U	1.44E-02	2.38E-02	2.81E-03	2.81E-01
RP-5-SUB	Neptunium-236	-4.27E-03	U	1.68E-02	2.79E-02	2.81E-03	2.81E-01
RP-7-SUB	Neptunium-236	1.27E-02	U	1.39E-02	2.62E-02	2.81E-03	2.81E-01
RP-12-SUB	Neptunium-236	-5.71E-03	U	1.70E-02	2.80E-02	2.81E-03	2.81E-01
RP-13-SUB	Neptunium-236	1.73E-02		1.32E-02	2.74E-02	2.81E-03	2.81E-01
RP-17-SUB	Neptunium-236	-1.27E-02	U	1.80E-02	2.97E-02	2.81E-03	2.81E-01
RP-18-SUB	Neptunium-236	-7.00E-05	U	1.93E-02	3.19E-02	2.81E-03	2.81E-01
RP-19-SUB	Neptunium-236	5.32E-03		4.89E-03	3.07E-02	2.81E-03	2.81E-01
RP-20-SUB	Neptunium-236	6.37E-04	U	1.79E-02	2.96E-02	2.81E-03	2.81E-01
RP-28-SUB	Neptunium-236	4.79E-03	U	5.70E-03	3.06E-02	2.81E-03	2.81E-01
Bridle Path Surface Samples (Santa Susana Formation)							
BP-1-SUR	Neptunium-236	1.77E-02		1.17E-02	3.77E-02	2.81E-03	2.81E-01
BP-2-SUR	Neptunium-236	5.90E-03		5.06E-03	3.88E-02	2.81E-03	2.81E-01
BP-3-SUR	Neptunium-236	2.51E-02		1.79E-02	3.98E-02	2.81E-03	2.81E-01
BP-4-SUR	Neptunium-236	1.68E-02		1.20E-02	4.04E-02	2.81E-03	2.81E-01
BP-5-SUR	Neptunium-236	1.71E-02		1.20E-02	3.86E-02	2.81E-03	2.81E-01
BP-6-SUR	Neptunium-236	1.26E-02		1.19E-02	3.98E-02	2.81E-03	2.81E-01
BP-7-SUR	Neptunium-236	-1.47E-02	U	2.47E-02	4.07E-02	2.81E-03	2.81E-01
BP-8-SUR	Neptunium-236	1.54E-02		1.39E-02	4.02E-02	2.81E-03	2.81E-01
BP-9-SUR	Neptunium-236	2.06E-02		1.82E-02	4.05E-02	2.81E-03	2.81E-01
BP-10-SUR	Neptunium-236	1.88E-02		1.46E-02	4.05E-02	2.81E-03	2.81E-01
BP-11-SUR	Neptunium-236	-1.64E-02	U	2.33E-02	3.84E-02	2.81E-03	2.81E-01
BP-12-SUR	Neptunium-236	2.34E-02		1.85E-02	3.88E-02	2.81E-03	2.81E-01
BP-13-SUR	Neptunium-236	1.17E-02		1.17E-02	3.83E-02	2.81E-03	2.81E-01
BP-14-SUR	Neptunium-236	-1.06E-02	U	2.27E-02	3.74E-02	2.81E-03	2.81E-01
BP-15-SUR	Neptunium-236	6.63E-03	U	9.09E-03	3.91E-02	2.81E-03	2.81E-01
BP-16-SUR	Neptunium-236	-3.67E-03	U	2.30E-02	3.80E-02	2.81E-03	2.81E-01
BP-17-SUR	Neptunium-236	1.56E-02	U	1.71E-02	3.88E-02	2.81E-03	2.81E-01
BP-18-SUR	Neptunium-236	9.38E-03		9.14E-03	3.58E-02	2.81E-03	2.81E-01
BP-19-SUR	Neptunium-236	3.24E-02		1.96E-02	4.00E-02	2.81E-03	2.81E-01
BP-20-SUR	Neptunium-236	1.84E-02		1.30E-02	3.88E-02	2.81E-03	2.81E-01
BP-21-SUR	Neptunium-236	-1.20E-02	U	2.41E-02	3.97E-02	2.81E-03	2.81E-01
BP-22-SUR	Neptunium-236	1.68E-02	U	1.98E-02	4.00E-02	2.81E-03	2.81E-01
BP-23-SUR	Neptunium-236	1.26E-02	U	1.44E-02	4.08E-02	2.81E-03	2.81E-01
BP-24-SUR	Neptunium-236	-2.52E-03	U	1.01E-01	4.09E-02	2.81E-03	2.81E-01
BP-25-SUR	Neptunium-236	1.43E-02		1.08E-02	4.03E-02	2.81E-03	2.81E-01
BP-26-SUR	Neptunium-236	-1.74E-02	U	3.10E-02	3.85E-02	2.81E-03	2.81E-01
BP-27-SUR	Neptunium-236	-9.25E-03	U	4.21E-02	3.98E-02	2.81E-03	2.81E-01
BP-28-SUR	Neptunium-236	-2.26E-03	U	4.52E-01	3.85E-02	2.81E-03	2.81E-01
BP-29-SUR	Neptunium-236	-1.12E-03	U	2.18E-01	3.36E-02	2.81E-03	2.81E-01
BP-30-SUR	Neptunium-236	1.31E-02		1.21E-02	3.88E-02	2.81E-03	2.81E-01
BP-31-SUR	Neptunium-236	1.53E-02	U	1.71E-02	3.92E-02	2.81E-03	2.81E-01
BP-32-SUR	Neptunium-236	1.26E-02	U	1.42E-02	3.72E-02	2.81E-03	2.81E-01
BP-33-SUR	Neptunium-236	1.16E-02		1.14E-02	3.98E-02	2.81E-03	2.81E-01
BP-34-SUR	Neptunium-236	-9.12E-03	U	3.47E-02	3.89E-02	2.81E-03	2.81E-01
BP-35-SUR	Neptunium-236	2.04E-03	U	2.81E-03	3.82E-02	2.81E-03	2.81E-01
BP-36-SUR	Neptunium-236	3.24E-03	U	4.81E-03	3.77E-02	2.81E-03	2.81E-01
BP-37-SUR	Neptunium-236	-1.84E-03	U	2.58E-03	3.73E-02	2.81E-03	2.81E-01
BP-38-SUR	Neptunium-236	2.02E-02		1.69E-02	3.59E-02	2.81E-03	2.81E-01
BP-39-SUR	Neptunium-236	-7.06E-03	U	2.09E-02	3.45E-02	2.81E-03	2.81E-01
BP-40-SUR	Neptunium-236	7.24E-03	U	1.21E-02	2.77E-02	2.81E-03	2.81E-01
BP-41-SUR	Neptunium-236	9.01E-03	U	9.43E-03	3.77E-02	2.81E-03	2.81E-01
BP-42-SUR	Neptunium-236	-8.63E-03	U	2.55E-02	3.69E-02	2.81E-03	2.81E-01

Table 20 - Neptunium-236 Analytical Results

Sample ID	Analyte	Result (pCi/g)	Qualifier(s)	Uncertainty (+/- pCi/g)	MDC (pCi/g)	Agricultural 10^{-6} PRG (pCi/g)	Agricultural 10^{-4} PRG (pCi/g)
BP-43-SUR	Neptunium-236	1.39E-02	U	1.50E-02	3.77E-02	2.81E-03	2.81E-01
BP-44-SUR	Neptunium-236	-1.83E-02	U	2.30E-02	3.56E-02	2.81E-03	2.81E-01
BP-45-SUR	Neptunium-236	-1.23E-02	U	2.26E-02	3.73E-02	2.81E-03	2.81E-01
BP-46-SUR	Neptunium-236	3.05E-03	U	2.21E-02	3.65E-02	2.81E-03	2.81E-01
BP-47-SUR	Neptunium-236	-1.85E-04	U	2.24E-02	3.33E-02	2.81E-03	2.81E-01
BP-48-SUR	Neptunium-236	6.44E-03	U	2.43E-02	4.02E-02	2.81E-03	2.81E-01
BP-49-SUR	Neptunium-236	1.53E-02		1.02E-02	3.10E-02	2.81E-03	2.81E-01
BP-50-SUR	Neptunium-236	2.11E-02		1.96E-02	3.65E-02	2.81E-03	2.81E-01
BP-51-SUR	Neptunium-236	1.90E-02		1.15E-02	3.12E-02	2.81E-03	2.81E-01
BP-52-SUR	Neptunium-236	1.01E-02		9.62E-03	2.93E-02	2.81E-03	2.81E-01
BP-53-SUR	Neptunium-236	4.11E-03	U	4.35E-03	3.58E-02	2.81E-03	2.81E-01
BP-54-SUR	Neptunium-236	-7.48E-03	U	4.13E-02	2.76E-02	2.81E-03	2.81E-01
Bridle Path Subsurface Samples (Santa Susana Formation)							
BP-3-SUB	Neptunium-236	1.02E-02	U	1.19E-02	2.39E-02	2.81E-03	2.81E-01
BP-4-SUB	Neptunium-236	2.13E-02	U	2.23E-02	3.16E-02	2.81E-03	2.81E-01
BP-5-SUB	Neptunium-236	7.53E-03	U	9.37E-03	3.49E-02	2.81E-03	2.81E-01
BP-9-SUB	Neptunium-236	2.63E-02		1.49E-02	3.00E-02	2.81E-03	2.81E-01
BP-12-SUB	Neptunium-236	1.82E-02		1.28E-02	3.58E-02	2.81E-03	2.81E-01
BP-13-SUB	Neptunium-236	2.72E-02		1.87E-02	3.71E-02	2.81E-03	2.81E-01
BP-14-SUB	Neptunium-236	3.28E-04	U	2.12E-02	3.50E-02	2.81E-03	2.81E-01
BP-16-SUB	Neptunium-236	1.52E-03	U	1.35E-02	2.24E-02	2.81E-03	2.81E-01
BP-20-SUB	Neptunium-236	-3.39E-03	U	2.08E-02	3.43E-02	2.81E-03	2.81E-01
BP-23-SUB	Neptunium-236	1.07E-02		1.01E-02	2.91E-02	2.81E-03	2.81E-01
BP-29-SUB	Neptunium-236	1.11E-02	U	2.86E-01	5.10E-01	2.81E-03	2.81E-01
BP-34-SUB	Neptunium-236	2.09E-02		1.81E-02	3.26E-02	2.81E-03	2.81E-01
BP-35-SUB	Neptunium-236	1.17E-02		1.01E-02	3.08E-02	2.81E-03	2.81E-01
BP-38-SUB	Neptunium-236	4.79E-06	U	2.20E-02	3.64E-02	2.81E-03	2.81E-01
BP-43-SUB	Neptunium-236	9.38E-03	U	1.18E-02	3.60E-02	2.81E-03	2.81E-01
BP-45-SUB	Neptunium-236	-1.07E-02	U	2.52E-02	3.75E-02	2.81E-03	2.81E-01
BP-46-SUB	Neptunium-236	3.80E-02		2.39E-02	3.75E-02	2.81E-03	2.81E-01
BP-48-SUB	Neptunium-236	1.28E-02	U	1.32E-02	3.56E-02	2.81E-03	2.81E-01
BP-50-SUB	Neptunium-236	-1.07E-02	U	2.18E-02	3.59E-02	2.81E-03	2.81E-01
BP-51-SUB	Neptunium-236	3.06E-02		2.48E-02	3.90E-02	2.81E-03	2.81E-01

Notes:

pCi/g - Picocuries per gram of dry soil. Analyses for H-3, C-14, Tc-99, and I-129 are reported in units of pCi per gram of "as-received" soil.

MDC - Minimum Detectable Concentration

PRG - Preliminary Remediation Goal

Uncertainty - Reported at the 1.96σ Confidence Interval. Gamma Spec. Reported at the 2σ Confidence Interval.

Data Qualifiers:

B - Analyte present, but not detected substantially above the level reported in laboratory or field blanks.

J - The analyte was detected at the reported concentration: the quantitation is an estimate.

K - Analyte present. Reported value may be biased high. Actual value is expected to be lower.

L - Analyte present. Reported value may be biased low. Actual value is expected to be higher.

R - The result is rejected due to serious deficiences in the ability to analyze the sample and meet the Quality Control criteria.

U - Not considered detected. The associated number is the reported concentration.

UJ - Not considered detected. The associated number is the reported concentration which may be inaccurate.

UL - Not considered detected. The associated number is the reported concentration which may be inaccurate due to a low bias.

X - Excluded. The data point is associated with reanalyses or diluted analyses and is excluded because another result has been selecetd as the definitive result for the analyte

These results are qualified based on the usability of the data for its intended purpose, which is to develop a statistical profile against which to compare individual on-site sample results, to determine the extent of potential site contamination that may be attributable to site activities.

Table 21 - Neptunium-239 Analytical Results

Sample ID	Analyte	Result (pCi/g)	Qualifier(s)	Uncertainty (+/- pCi/g)	MDC (pCi/g)	Agricultural 10^{-6} PRG (pCi/g)	Agricultural 10^{-4} PRG (pCi/g)
Lang Ranch Surface Samples (Chatsworth Formation)							
LR-1-SUR	Neptunium-239	-2.47E-02	U	4.97E-02	8.19E-02	2.26E+01	2.26E+03
LR-2-SUR	Neptunium-239	-1.50E-02	U	4.94E-02	8.15E-02	2.26E+01	2.26E+03
LR-3-SUR	Neptunium-239	9.98E-03	U	4.96E-02	8.21E-02	2.26E+01	2.26E+03
LR-4-SUR	Neptunium-239	1.43E-02	U	4.67E-02	7.72E-02	2.26E+01	2.26E+03
LR-5-SUR	Neptunium-239	-1.33E-02	U	4.81E-02	7.95E-02	2.26E+01	2.26E+03
LR-6-SUR	Neptunium-239	1.95E-02	U	5.05E-02	8.33E-02	2.26E+01	2.26E+03
LR-7-SUR	Neptunium-239	-1.56E-02	U	4.89E-02	8.07E-02	2.26E+01	2.26E+03
LR-8-SUR	Neptunium-239	-7.45E-03	U	4.85E-02	8.02E-02	2.26E+01	2.26E+03
LR-9-SUR	Neptunium-239	1.74E-02	U	4.98E-02	8.22E-02	2.26E+01	2.26E+03
LR-10-SUR	Neptunium-239	4.25E-03	U	4.87E-02	8.06E-02	2.26E+01	2.26E+03
LR-11-SUR	Neptunium-239	7.95E-03	U	4.94E-02	8.18E-02	2.26E+01	2.26E+03
LR-12-SUR	Neptunium-239	-1.34E-02	U	6.68E-02	8.01E-02	2.26E+01	2.26E+03
LR-13-SUR	Neptunium-239	1.85E-02	U	4.72E-02	7.79E-02	2.26E+01	2.26E+03
LR-14-SUR	Neptunium-239	-1.09E-02	U	6.63E-02	7.52E-02	2.26E+01	2.26E+03
LR-15-SUR	Neptunium-239	-4.66E-03	U	1.08E-01	6.51E-02	2.26E+01	2.26E+03
LR-16-SUR	Neptunium-239	4.78E-04	U	4.58E-02	7.58E-02	2.26E+01	2.26E+03
LR-17-SUR	Neptunium-239	-2.69E-02	U	5.13E-02	7.41E-02	2.26E+01	2.26E+03
LR-18-SUR	Neptunium-239	-5.24E-05	U	5.17E-02	8.16E-02	2.26E+01	2.26E+03
LR-19-SUR	Neptunium-239	1.89E-02	U	5.05E-02	8.34E-02	2.26E+01	2.26E+03
LR-20-SUR	Neptunium-239	-1.29E-02	U	6.69E-02	7.73E-02	2.26E+01	2.26E+03
LR-21-SUR	Neptunium-239	-1.04E-03	U	4.45E-02	7.37E-02	2.26E+01	2.26E+03
LR-22-SUR	Neptunium-239	-9.11E-03	U	5.08E-02	8.40E-02	2.26E+01	2.26E+03
LR-23-SUR	Neptunium-239	-1.72E-03	U	4.82E-02	7.98E-02	2.26E+01	2.26E+03
LR-24-SUR	Neptunium-239	2.13E-02	U	4.42E-02	7.28E-02	2.26E+01	2.26E+03
LR-25-SUR	Neptunium-239	1.91E-03	U	5.03E-02	8.32E-02	2.26E+01	2.26E+03
LR-26-SUR	Neptunium-239	7.27E-02		6.57E-02	7.30E-02	2.26E+01	2.26E+03
LR-27-SUR	Neptunium-239	-1.78E-02	U	4.87E-02	8.04E-02	2.26E+01	2.26E+03
Lang Ranch Subsurface Samples (Chatsworth Formation)							
LR-3-SUB	Neptunium-239	-2.88E-02	U	4.99E-02	8.22E-02	2.26E+01	2.26E+03
LR-4-SUB	Neptunium-239	1.83E-02	U	4.70E-02	7.76E-02	2.26E+01	2.26E+03
LR-9-SUB	Neptunium-239	2.19E-04	U	4.89E-02	8.10E-02	2.26E+01	2.26E+03
LR-13-SUB	Neptunium-239	1.40E-02	U	4.25E-02	7.02E-02	2.26E+01	2.26E+03
LR-15-SUB	Neptunium-239	2.72E-02	U	5.48E-02	9.03E-02	2.26E+01	2.26E+03
LR-18-SUB	Neptunium-239	-2.74E-03	U	4.18E-01	8.32E-02	2.26E+01	2.26E+03
LR-19-SUB	Neptunium-239	-3.55E-03	U	1.33E+00	7.80E-02	2.26E+01	2.26E+03
LR-23-SUB	Neptunium-239	2.23E-05	U	5.08E-02	8.40E-02	2.26E+01	2.26E+03
LR-24-SUB	Neptunium-239	3.37E-03	U	3.75E-02	6.21E-02	2.26E+01	2.26E+03
LR-26-SUB	Neptunium-239	2.95E-03	U	4.80E-02	7.94E-02	2.26E+01	2.26E+03
Rocky Peak Surface Samples (Chatsworth Formation)							
RP-1-SUR	Neptunium-239	3.04E-03	U	4.11E-02	6.80E-02	2.26E+01	2.26E+03
RP-2-SUR	Neptunium-239	-2.41E-02	U	4.37E-02	5.93E-02	2.26E+01	2.26E+03
RP-3-SUR	Neptunium-239	-6.30E-03	U	1.03E-01	6.41E-02	2.26E+01	2.26E+03
RP-4-SUR	Neptunium-239	-1.05E-02	U	6.14E-02	6.63E-02	2.26E+01	2.26E+03
RP-5-SUR	Neptunium-239	1.18E-02	U	4.15E-02	6.86E-02	2.26E+01	2.26E+03
RP-6-SUR	Neptunium-239	-3.88E-03	U	1.71E-01	7.07E-02	2.26E+01	2.26E+03
RP-7-SUR	Neptunium-239	5.47E-03	U	3.98E-02	6.58E-02	2.26E+01	2.26E+03
RP-8-SUR	Neptunium-239	5.79E-03	U	4.18E-02	6.91E-02	2.26E+01	2.26E+03
RP-9-SUR	Neptunium-239	2.50E-03	U	3.43E-02	5.68E-02	2.26E+01	2.26E+03
RP-10-SUR	Neptunium-239	-3.07E-03	U	2.87E-01	7.01E-02	2.26E+01	2.26E+03
RP-11-SUR	Neptunium-239	-9.44E-03	U	7.88E-02	6.73E-02	2.26E+01	2.26E+03
RP-12-SUR	Neptunium-239	-2.59E-02	U	4.68E-02	6.56E-02	2.26E+01	2.26E+03
RP-13-SUR	Neptunium-239	-6.63E-03	U	7.04E-02	6.11E-02	2.26E+01	2.26E+03
RP-14-SUR	Neptunium-239	-5.12E-03	U	8.50E-02	5.82E-02	2.26E+01	2.26E+03
RP-15-SUR	Neptunium-239	-1.63E-02	U	5.20E-02	6.57E-02	2.26E+01	2.26E+03
RP-16-SUR	Neptunium-239	8.16E-03	U	3.98E-02	6.59E-02	2.26E+01	2.26E+03
RP-17-SUR	Neptunium-239	-9.37E-04	U	7.74E-02	5.02E-02	2.26E+01	2.26E+03
RP-18-SUR	Neptunium-239	-5.11E-03	U	9.31E-02	6.03E-02	2.26E+01	2.26E+03
RP-19-SUR	Neptunium-239	8.84E-03	U	4.18E-02	6.91E-02	2.26E+01	2.26E+03
RP-20-SUR	Neptunium-239	-1.88E-02	U	5.77E-02	7.01E-02	2.26E+01	2.26E+03
RP-21-SUR	Neptunium-239	1.61E-04	U	3.98E-02	6.59E-02	2.26E+01	2.26E+03

Table 21 - Neptunium-239 Analytical Results

Sample ID	Analyte	Result (pCi/g)	Qualifier(s)	Uncertainty (+/- pCi/g)	MDC (pCi/g)	Agricultural 10^{-6} PRG (pCi/g)	Agricultural 10^{-4} PRG (pCi/g)
RP-22-SUR	Neptunium-239	-1.61E-02	U	4.05E-02	6.69E-02	2.26E+01	2.26E+03
RP-23-SUR	Neptunium-239	2.57E-02	U	4.19E-02	6.89E-02	2.26E+01	2.26E+03
RP-24-SUR	Neptunium-239	-1.96E-02	U	4.10E-02	6.75E-02	2.26E+01	2.26E+03
RP-25-SUR	Neptunium-239	-7.53E-03	U	4.30E-02	7.10E-02	2.26E+01	2.26E+03
RP-26-SUR	Neptunium-239	-1.58E-02	U	4.22E-02	6.97E-02	2.26E+01	2.26E+03
RP-27-SUR	Neptunium-239	2.57E-04	U	4.33E-02	7.18E-02	2.26E+01	2.26E+03
RP-28-SUR	Neptunium-239	-1.07E-02	U	4.40E-02	7.27E-02	2.26E+01	2.26E+03
Rocky Peak Subsurface Samples (Chatsworth Formation)							
RP-1-SUB	Neptunium-239	1.12E-03	U	3.96E-02	6.57E-02	2.26E+01	2.26E+03
RP-5-SUB	Neptunium-239	1.78E-03	U	4.35E-02	7.20E-02	2.26E+01	2.26E+03
RP-7-SUB	Neptunium-239	4.27E-02	U	4.86E-02	5.76E-02	2.26E+01	2.26E+03
RP-12-SUB	Neptunium-239	-5.97E-04	U	3.44E-02	5.70E-02	2.26E+01	2.26E+03
RP-13-SUB	Neptunium-239	-1.53E-02	U	4.25E-02	7.01E-02	2.26E+01	2.26E+03
RP-17-SUB	Neptunium-239	-2.64E-02	U	5.86E-02	7.23E-02	2.26E+01	2.26E+03
RP-18-SUB	Neptunium-239	2.09E-02	U	4.10E-02	6.76E-02	2.26E+01	2.26E+03
RP-19-SUB	Neptunium-239	7.68E-03	U	4.18E-02	6.92E-02	2.26E+01	2.26E+03
RP-20-SUB	Neptunium-239	-5.68E-04	U	1.01E-01	6.89E-02	2.26E+01	2.26E+03
RP-28-SUB	Neptunium-239	3.80E-03	U	3.49E-02	5.79E-02	2.26E+01	2.26E+03
Bridle Path Surface Samples (Santa Susana Formation)							
BP-1-SUR	Neptunium-239	2.53E-03	U	5.15E-02	8.53E-02	2.26E+01	2.26E+03
BP-2-SUR	Neptunium-239	-2.45E-02	U	5.81E-02	8.46E-02	2.26E+01	2.26E+03
BP-3-SUR	Neptunium-239	-2.80E-02	U	5.97E-02	8.82E-02	2.26E+01	2.26E+03
BP-4-SUR	Neptunium-239	-7.90E-03	U	8.22E-02	9.15E-02	2.26E+01	2.26E+03
BP-5-SUR	Neptunium-239	-2.37E-03	U	2.31E-01	8.57E-02	2.26E+01	2.26E+03
BP-6-SUR	Neptunium-239	-2.48E-02	U	6.06E-02	8.84E-02	2.26E+01	2.26E+03
BP-7-SUR	Neptunium-239	1.03E-02	U	5.70E-02	9.43E-02	2.26E+01	2.26E+03
BP-8-SUR	Neptunium-239	-4.15E-03	U	5.74E-02	8.97E-02	2.26E+01	2.26E+03
BP-9-SUR	Neptunium-239	-1.59E-02	U	5.63E-02	9.16E-02	2.26E+01	2.26E+03
BP-10-SUR	Neptunium-239	5.27E-03	U	5.32E-02	8.80E-02	2.26E+01	2.26E+03
BP-11-SUR	Neptunium-239	-5.21E-04	U	8.28E-02	8.63E-02	2.26E+01	2.26E+03
BP-12-SUR	Neptunium-239	-2.49E-03	U	5.92E-02	8.89E-02	2.26E+01	2.26E+03
BP-13-SUR	Neptunium-239	-7.47E-03	U	5.87E-02	9.70E-02	2.26E+01	2.26E+03
BP-14-SUR	Neptunium-239	-1.93E-02	U	5.22E-02	8.51E-02	2.26E+01	2.26E+03
BP-15-SUR	Neptunium-239	-8.37E-03	U	4.40E-02	7.07E-02	2.26E+01	2.26E+03
BP-16-SUR	Neptunium-239	-8.77E-03	U	5.43E-02	8.74E-02	2.26E+01	2.26E+03
BP-17-SUR	Neptunium-239	1.82E-02	U	5.34E-02	8.82E-02	2.26E+01	2.26E+03
BP-18-SUR	Neptunium-239	1.78E-02	U	5.30E-02	8.76E-02	2.26E+01	2.26E+03
BP-19-SUR	Neptunium-239	-1.90E-02	U	5.99E-02	9.26E-02	2.26E+01	2.26E+03
BP-20-SUR	Neptunium-239	-1.76E-02	U	8.07E-02	9.20E-02	2.26E+01	2.26E+03
BP-21-SUR	Neptunium-239	-1.44E-02	U	8.73E-02	9.12E-02	2.26E+01	2.26E+03
BP-22-SUR	Neptunium-239	-1.80E-02	U	5.55E-02	8.51E-02	2.26E+01	2.26E+03
BP-23-SUR	Neptunium-239	-9.52E-03	U	1.94E-01	9.20E-02	2.26E+01	2.26E+03
BP-24-SUR	Neptunium-239	1.35E-02	U	5.73E-02	9.48E-02	2.26E+01	2.26E+03
BP-25-SUR	Neptunium-239	-3.79E-03	U	2.55E-01	8.10E-02	2.26E+01	2.26E+03
BP-26-SUR	Neptunium-239	2.43E-02	U	5.50E-02	9.08E-02	2.26E+01	2.26E+03
BP-27-SUR	Neptunium-239	-5.77E-03	U	2.49E+00	9.08E-02	2.26E+01	2.26E+03
BP-28-SUR	Neptunium-239	-4.53E-03	U	5.39E-01	8.42E-02	2.26E+01	2.26E+03
BP-29-SUR	Neptunium-239	-2.66E-03	U	4.40E-02	7.30E-02	2.26E+01	2.26E+03
BP-30-SUR	Neptunium-239	-2.12E-02	U	6.99E-02	8.56E-02	2.26E+01	2.26E+03
BP-31-SUR	Neptunium-239	1.60E-02	U	4.26E-02	7.04E-02	2.26E+01	2.26E+03
BP-32-SUR	Neptunium-239	7.74E-03	U	5.33E-02	8.81E-02	2.26E+01	2.26E+03
BP-33-SUR	Neptunium-239	-1.04E-02	U	5.44E-02	8.94E-02	2.26E+01	2.26E+03
BP-34-SUR	Neptunium-239	1.79E-02	U	5.44E-02	8.98E-02	2.26E+01	2.26E+03
BP-35-SUR	Neptunium-239	-7.84E-03	U	5.24E-02	8.58E-02	2.26E+01	2.26E+03
BP-36-SUR	Neptunium-239	2.51E-02	U	5.13E-02	8.45E-02	2.26E+01	2.26E+03
BP-37-SUR	Neptunium-239	1.26E-02	U	5.04E-02	8.33E-02	2.26E+01	2.26E+03
BP-38-SUR	Neptunium-239	7.52E-03	U	4.92E-02	8.14E-02	2.26E+01	2.26E+03
BP-39-SUR	Neptunium-239	8.51E-04	U	4.85E-02	8.03E-02	2.26E+01	2.26E+03
BP-40-SUR	Neptunium-239	5.88E-03	U	4.96E-02	8.21E-02	2.26E+01	2.26E+03
BP-41-SUR	Neptunium-239	-3.40E-02	U	5.50E-02	8.78E-02	2.26E+01	2.26E+03
BP-42-SUR	Neptunium-239	8.95E-05	U	4.21E-02	6.98E-02	2.26E+01	2.26E+03

Table 21 - Neptunium-239 Analytical Results

Sample ID	Analyte	Result (pCi/g)	Qualifier(s)	Uncertainty (+/- pCi/g)	MDC (pCi/g)	Agricultural 10^{-6} PRG (pCi/g)	Agricultural 10^{-4} PRG (pCi/g)
BP-43-SUR	Neptunium-239	-1.80E-02	U	5.60E-02	8.75E-02	2.26E+01	2.26E+03
BP-44-SUR	Neptunium-239	-2.43E-02	U	5.24E-02	8.34E-02	2.26E+01	2.26E+03
BP-45-SUR	Neptunium-239	1.91E-02	U	3.92E-02	6.46E-02	2.26E+01	2.26E+03
BP-46-SUR	Neptunium-239	-1.32E-02	U	5.00E-02	8.25E-02	2.26E+01	2.26E+03
BP-47-SUR	Neptunium-239	-1.36E-03	U	4.30E-02	7.11E-02	2.26E+01	2.26E+03
BP-48-SUR	Neptunium-239	7.84E-03	U	5.48E-02	9.07E-02	2.26E+01	2.26E+03
BP-49-SUR	Neptunium-239	-2.32E-02	U	4.53E-02	7.46E-02	2.26E+01	2.26E+03
BP-50-SUR	Neptunium-239	-1.87E-02	U	5.10E-02	8.41E-02	2.26E+01	2.26E+03
BP-51-SUR	Neptunium-239	-6.86E-03	U	4.39E-02	7.26E-02	2.26E+01	2.26E+03
BP-52-SUR	Neptunium-239	-2.11E-03	U	4.16E-02	6.89E-02	2.26E+01	2.26E+03
BP-53-SUR	Neptunium-239	-1.01E-03	U	4.76E-02	7.88E-02	2.26E+01	2.26E+03
BP-54-SUR	Neptunium-239	1.48E-02	U	3.71E-02	6.13E-02	2.26E+01	2.26E+03
Bridle Path Subsurface Samples (Santa Susana Formation)							
BP-3-SUB	Neptunium-239	-2.31E-02	U	4.13E-02	6.81E-02	2.26E+01	2.26E+03
BP-4-SUB	Neptunium-239	-2.64E-02	U	4.77E-02	7.84E-02	2.26E+01	2.26E+03
BP-5-SUB	Neptunium-239	-2.23E-02	U	4.47E-02	7.37E-02	2.26E+01	2.26E+03
BP-9-SUB	Neptunium-239	-7.22E-03	U	5.53E-02	6.83E-02	2.26E+01	2.26E+03
BP-12-SUB	Neptunium-239	-5.23E-04	U	4.62E-02	7.65E-02	2.26E+01	2.26E+03
BP-13-SUB	Neptunium-239	7.63E-03	U	5.19E-02	8.59E-02	2.26E+01	2.26E+03
BP-14-SUB	Neptunium-239	-1.77E-02	U	7.81E-02	7.93E-02	2.26E+01	2.26E+03
BP-16-SUB	Neptunium-239	-1.34E-04	U	4.90E-02	6.27E-02	2.26E+01	2.26E+03
BP-20-SUB	Neptunium-239	-8.94E-03	U	1.33E-01	7.82E-02	2.26E+01	2.26E+03
BP-23-SUB	Neptunium-239	1.12E-02	U	4.04E-02	6.67E-02	2.26E+01	2.26E+03
BP-29-SUB	Neptunium-239	-4.44E-03	U	1.78E-01	1.49E+00	2.26E+01	2.26E+03
BP-34-SUB	Neptunium-239	-1.35E-02	U	9.61E-02	8.78E-02	2.26E+01	2.26E+03
BP-35-SUB	Neptunium-239	-1.40E-02	U	5.18E-02	7.34E-02	2.26E+01	2.26E+03
BP-38-SUB	Neptunium-239	-2.14E-02	U	7.67E-02	8.20E-02	2.26E+01	2.26E+03
BP-43-SUB	Neptunium-239	-1.02E-02	U	5.46E-02	8.17E-02	2.26E+01	2.26E+03
BP-45-SUB	Neptunium-239	-2.58E-02	U	5.30E-02	8.44E-02	2.26E+01	2.26E+03
BP-46-SUB	Neptunium-239	-7.39E-03	U	4.77E-02	6.70E-02	2.26E+01	2.26E+03
BP-48-SUB	Neptunium-239	-1.54E-02	U	5.19E-02	8.06E-02	2.26E+01	2.26E+03
BP-50-SUB	Neptunium-239	-8.23E-03	U	5.46E-02	8.02E-02	2.26E+01	2.26E+03
BP-51-SUB	Neptunium-239	-1.41E-02	U	5.81E-02	8.85E-02	2.26E+01	2.26E+03

Notes:

pCi/g - Picocuries per gram of dry soil. Analyses for H-3, C-14, Tc-99, and I-129 are reported in units of pCi per gram of "as-received" soil.

MDC - Minimum Detectable Concentration

PRG - Preliminary Remediation Goal

Uncertainty - Reported at the 1.96σ Confidence Interval. Gamma Spec. Reported at the 2σ Confidence Interval.

Data Qualifiers:

B - Analyte present, but not detected substantially above the level reported in laboratory or field blanks.

J - The analyte was detected at the reported concentration: the quantitation is an estimate.

K - Analyte present. Reported value may be biased high. Actual value is expected to be lower.

L - Analyte present. Reported value may be biased low. Actual value is expected to be higher.

R - The result is rejected due to serious deficiences in the ability to analyze the sample and meet the Quality Control criteria.

U - Not considered detected. The associated number is the reported concentration.

UJ - Not considered detected. The associated number is the reported concentration which may be inaccurate.

UL - Not considered detected. The associated number is the reported concentration which may be inaccurate due to a low bias.

X - Excluded. The data point is associated with reanalyses or diluted analyses and is excluded because another result has been selecetd as the definitive result for the analyte

These results are qualified based on the usability of the data for its intended purpose, which is to develop a statistical profile against which to compare individual on-site sample results, to determine the extent of potential site contamination that may be attributable to site activities.

Table 22 - Niobium-94 Analytical Results

Sample ID	Analyte	Result (pCi/g)	Qualifier(s)	Uncertainty (+/- pCi/g)	MDC (pCi/g)	Agricultural 10^{-6} PRG (pCi/g)	Agricultural 10^{-4} PRG (pCi/g)
Lang Ranch Surface Samples (Chatsworth Formation)							
LR-1-SUR	Niobium-94	1.15E-02		6.76E-03	6.59E-03	1.15E-02	1.15E+00
LR-2-SUR	Niobium-94	4.92E-03		3.70E-03	5.99E-03	1.15E-02	1.15E+00
LR-3-SUR	Niobium-94	4.14E-03	U	4.68E-03	7.67E-03	1.15E-02	1.15E+00
LR-4-SUR	Niobium-94	5.32E-03		4.64E-03	7.57E-03	1.15E-02	1.15E+00
LR-5-SUR	Niobium-94	1.63E-02		6.34E-03	6.18E-03	1.15E-02	1.15E+00
LR-6-SUR	Niobium-94	9.71E-03		5.52E-03	5.93E-03	1.15E-02	1.15E+00
LR-7-SUR	Niobium-94	4.43E-03	U	4.48E-03	7.34E-03	1.15E-02	1.15E+00
LR-8-SUR	Niobium-94	1.15E-02		6.38E-03	6.30E-03	1.15E-02	1.15E+00
LR-9-SUR	Niobium-94	4.35E-03	U	4.70E-03	7.71E-03	1.15E-02	1.15E+00
LR-10-SUR	Niobium-94	4.18E-03	U	4.76E-03	7.80E-03	1.15E-02	1.15E+00
LR-11-SUR	Niobium-94	5.19E-03		4.76E-03	7.76E-03	1.15E-02	1.15E+00
LR-12-SUR	Niobium-94	4.16E-03	U	4.46E-03	7.32E-03	1.15E-02	1.15E+00
LR-13-SUR	Niobium-94	4.64E-03		4.40E-03	7.20E-03	1.15E-02	1.15E+00
LR-14-SUR	Niobium-94	3.05E-03	U	4.26E-03	7.02E-03	1.15E-02	1.15E+00
LR-15-SUR	Niobium-94	3.15E-03	U	3.37E-03	7.84E-03	1.15E-02	1.15E+00
LR-16-SUR	Niobium-94	4.20E-03	U	4.36E-03	7.14E-03	1.15E-02	1.15E+00
LR-17-SUR	Niobium-94	1.01E-02		5.10E-03	5.27E-03	1.15E-02	1.15E+00
LR-18-SUR	Niobium-94	4.21E-03	U	4.64E-03	7.62E-03	1.15E-02	1.15E+00
LR-19-SUR	Niobium-94	1.16E-02		7.14E-03	6.97E-03	1.15E-02	1.15E+00
LR-20-SUR	Niobium-94	2.29E-03	U	4.91E-03	8.13E-03	1.15E-02	1.15E+00
LR-21-SUR	Niobium-94	5.11E-03		4.79E-03	7.82E-03	1.15E-02	1.15E+00
LR-22-SUR	Niobium-94	4.80E-03		4.77E-03	7.80E-03	1.15E-02	1.15E+00
LR-23-SUR	Niobium-94	3.69E-03	U	4.60E-03	7.55E-03	1.15E-02	1.15E+00
LR-24-SUR	Niobium-94	6.26E-03		4.58E-03	7.42E-03	1.15E-02	1.15E+00
LR-25-SUR	Niobium-94	2.28E-03	U	4.78E-03	7.89E-03	1.15E-02	1.15E+00
LR-26-SUR	Niobium-94	8.94E-03		3.90E-03	6.08E-03	1.15E-02	1.15E+00
LR-27-SUR	Niobium-94	8.58E-03		4.96E-03	5.53E-03	1.15E-02	1.15E+00
Lang Ranch Subsurface Samples (Chatsworth Formation)							
LR-3-SUB	Niobium-94	5.22E-03		4.67E-03	7.61E-03	1.15E-02	1.15E+00
LR-4-SUB	Niobium-94	6.15E-03		4.38E-03	7.08E-03	1.15E-02	1.15E+00
LR-9-SUB	Niobium-94	5.43E-03		4.53E-03	7.38E-03	1.15E-02	1.15E+00
LR-13-SUB	Niobium-94	1.04E-02		6.64E-03	6.59E-03	1.15E-02	1.15E+00
LR-15-SUB	Niobium-94	4.02E-03	U	5.32E-03	8.73E-03	1.15E-02	1.15E+00
LR-18-SUB	Niobium-94	3.45E-03	U	4.80E-03	7.89E-03	1.15E-02	1.15E+00
LR-19-SUB	Niobium-94	4.28E-03	U	4.88E-03	8.00E-03	1.15E-02	1.15E+00
LR-23-SUB	Niobium-94	1.16E-02		6.68E-03	6.59E-03	1.15E-02	1.15E+00
LR-24-SUB	Niobium-94	6.73E-03		4.52E-03	7.29E-03	1.15E-02	1.15E+00
LR-26-SUB	Niobium-94	1.11E-02		6.32E-03	6.24E-03	1.15E-02	1.15E+00
Rocky Peak Surface Samples (Chatsworth Formation)							
RP-1-SUR	Niobium-94	2.25E-03	U	2.75E-03	6.12E-03	1.15E-02	1.15E+00
RP-2-SUR	Niobium-94	3.36E-03	U	3.98E-03	6.53E-03	1.15E-02	1.15E+00
RP-3-SUR	Niobium-94	1.69E-03	U	3.01E-03	4.97E-03	1.15E-02	1.15E+00
RP-4-SUR	Niobium-94	2.79E-03	U	3.84E-03	6.31E-03	1.15E-02	1.15E+00
RP-5-SUR	Niobium-94	1.75E-03	U	3.01E-03	4.96E-03	1.15E-02	1.15E+00
RP-6-SUR	Niobium-94	3.35E-03	U	3.96E-03	6.49E-03	1.15E-02	1.15E+00
RP-7-SUR	Niobium-94	2.76E-03	U	3.82E-03	6.28E-03	1.15E-02	1.15E+00
RP-8-SUR	Niobium-94	4.90E-03		4.01E-03	6.52E-03	1.15E-02	1.15E+00
RP-9-SUR	Niobium-94	2.54E-03	U	3.20E-03	5.26E-03	1.15E-02	1.15E+00
RP-10-SUR	Niobium-94	2.79E-03	U	3.92E-03	6.45E-03	1.15E-02	1.15E+00
RP-11-SUR	Niobium-94	8.77E-05	U	3.92E-03	6.52E-03	1.15E-02	1.15E+00
RP-12-SUR	Niobium-94	2.66E-03	U	3.72E-03	6.12E-03	1.15E-02	1.15E+00
RP-13-SUR	Niobium-94	4.15E-03		3.63E-03	5.91E-03	1.15E-02	1.15E+00
RP-14-SUR	Niobium-94	8.27E-03		5.06E-03	5.08E-03	1.15E-02	1.15E+00
RP-15-SUR	Niobium-94	8.06E-03		4.60E-03	4.84E-03	1.15E-02	1.15E+00
RP-16-SUR	Niobium-94	3.37E-03	U	3.68E-03	6.03E-03	1.15E-02	1.15E+00
RP-17-SUR	Niobium-94	9.86E-03		5.80E-03	5.49E-03	1.15E-02	1.15E+00
RP-18-SUR	Niobium-94	9.42E-03		4.74E-03	4.95E-03	1.15E-02	1.15E+00
RP-19-SUR	Niobium-94	9.85E-03		5.41E-03	5.41E-03	1.15E-02	1.15E+00
RP-20-SUR	Niobium-94	1.05E-02		5.28E-03	5.26E-03	1.15E-02	1.15E+00
RP-21-SUR	Niobium-94	1.91E-03	U	3.75E-03	6.20E-03	1.15E-02	1.15E+00

Table 22 - Niobium-94 Analytical Results

Sample ID	Analyte	Result (pCi/g)	Qualifier(s)	Uncertainty (+/- pCi/g)	MDC (pCi/g)	Agricultural 10^{-6} PRG (pCi/g)	Agricultural 10^{-4} PRG (pCi/g)
RP-22-SUR	Niobium-94	3.04E-03	U	3.83E-03	6.30E-03	1.15E-02	1.15E+00
RP-23-SUR	Niobium-94	6.41E-03		4.23E-03	4.74E-03	1.15E-02	1.15E+00
RP-24-SUR	Niobium-94	2.02E-04	U	3.71E-03	6.17E-03	1.15E-02	1.15E+00
RP-25-SUR	Niobium-94	3.63E-03	U	3.93E-03	6.43E-03	1.15E-02	1.15E+00
RP-26-SUR	Niobium-94	3.73E-03	U	3.92E-03	6.41E-03	1.15E-02	1.15E+00
RP-27-SUR	Niobium-94	3.66E-03	U	4.01E-03	6.57E-03	1.15E-02	1.15E+00
RP-28-SUR	Niobium-94	1.32E-03	U	4.18E-03	6.92E-03	1.15E-02	1.15E+00
Rocky Peak Subsurface Samples (Chatsworth Formation)							
RP-1-SUB	Niobium-94	4.63E-03		3.77E-03	6.13E-03	1.15E-02	1.15E+00
RP-5-SUB	Niobium-94	4.34E-03		4.12E-03	6.72E-03	1.15E-02	1.15E+00
RP-7-SUB	Niobium-94	2.36E-03	U	4.00E-03	6.60E-03	1.15E-02	1.15E+00
RP-12-SUB	Niobium-94	5.00E-03		3.57E-03	5.77E-03	1.15E-02	1.15E+00
RP-13-SUB	Niobium-94	8.46E-03		5.18E-03	5.29E-03	1.15E-02	1.15E+00
RP-17-SUB	Niobium-94	3.33E-03	U	4.01E-03	6.59E-03	1.15E-02	1.15E+00
RP-18-SUB	Niobium-94	3.38E-03	U	4.13E-03	6.77E-03	1.15E-02	1.15E+00
RP-19-SUB	Niobium-94	4.45E-03		3.91E-03	6.37E-03	1.15E-02	1.15E+00
RP-20-SUB	Niobium-94	4.73E-03		3.96E-03	6.44E-03	1.15E-02	1.15E+00
RP-28-SUB	Niobium-94	4.42E-03		3.94E-03	6.43E-03	1.15E-02	1.15E+00
Bridle Path Surface Samples (Santa Susana Formation)							
BP-1-SUR	Niobium-94	4.98E-03		4.74E-03	7.75E-03	1.15E-02	1.15E+00
BP-2-SUR	Niobium-94	8.82E-03		4.93E-03	7.88E-03	1.15E-02	1.15E+00
BP-3-SUR	Niobium-94	5.94E-03		4.93E-03	8.02E-03	1.15E-02	1.15E+00
BP-4-SUR	Niobium-94	5.64E-03		5.03E-03	8.19E-03	1.15E-02	1.15E+00
BP-5-SUR	Niobium-94	5.23E-03		5.04E-03	8.23E-03	1.15E-02	1.15E+00
BP-6-SUR	Niobium-94	7.05E-03		5.13E-03	8.30E-03	1.15E-02	1.15E+00
BP-7-SUR	Niobium-94	7.04E-03		5.21E-03	8.44E-03	1.15E-02	1.15E+00
BP-8-SUR	Niobium-94	7.84E-03		5.02E-03	8.08E-03	1.15E-02	1.15E+00
BP-9-SUR	Niobium-94	1.43E-02		7.51E-03	7.27E-03	1.15E-02	1.15E+00
BP-10-SUR	Niobium-94	1.61E-02		6.09E-03	6.32E-03	1.15E-02	1.15E+00
BP-11-SUR	Niobium-94	9.59E-03		7.36E-03	7.24E-03	1.15E-02	1.15E+00
BP-12-SUR	Niobium-94	8.86E-03		5.70E-03	6.27E-03	1.15E-02	1.15E+00
BP-13-SUR	Niobium-94	5.09E-03	U	5.37E-03	8.80E-03	1.15E-02	1.15E+00
BP-14-SUR	Niobium-94	1.33E-02		5.63E-03	5.91E-03	1.15E-02	1.15E+00
BP-15-SUR	Niobium-94	7.36E-03		4.93E-03	7.96E-03	1.15E-02	1.15E+00
BP-16-SUR	Niobium-94	7.42E-03		4.92E-03	7.93E-03	1.15E-02	1.15E+00
BP-17-SUR	Niobium-94	4.69E-03	U	4.84E-03	7.92E-03	1.15E-02	1.15E+00
BP-18-SUR	Niobium-94	1.50E-02		6.16E-03	6.23E-03	1.15E-02	1.15E+00
BP-19-SUR	Niobium-94	8.18E-03		5.27E-03	6.04E-03	1.15E-02	1.15E+00
BP-20-SUR	Niobium-94	1.08E-02		5.04E-03	7.45E-03	1.15E-02	1.15E+00
BP-21-SUR	Niobium-94	5.46E-03		5.06E-03	8.26E-03	1.15E-02	1.15E+00
BP-22-SUR	Niobium-94	5.51E-03		5.24E-03	8.57E-03	1.15E-02	1.15E+00
BP-23-SUR	Niobium-94	1.17E-02		5.93E-03	6.48E-03	1.15E-02	1.15E+00
BP-24-SUR	Niobium-94	5.73E-03		5.28E-03	8.63E-03	1.15E-02	1.15E+00
BP-25-SUR	Niobium-94	7.26E-03		5.16E-03	8.37E-03	1.15E-02	1.15E+00
BP-26-SUR	Niobium-94	9.17E-03		6.95E-03	7.08E-03	1.15E-02	1.15E+00
BP-27-SUR	Niobium-94	6.39E-03		5.17E-03	8.42E-03	1.15E-02	1.15E+00
BP-28-SUR	Niobium-94	1.22E-02		6.84E-03	6.89E-03	1.15E-02	1.15E+00
BP-29-SUR	Niobium-94	6.98E-03		4.88E-03	7.90E-03	1.15E-02	1.15E+00
BP-30-SUR	Niobium-94	6.33E-03		4.94E-03	8.02E-03	1.15E-02	1.15E+00
BP-31-SUR	Niobium-94	7.50E-03		4.90E-03	7.92E-03	1.15E-02	1.15E+00
BP-32-SUR	Niobium-94	1.61E-02		7.00E-03	6.93E-03	1.15E-02	1.15E+00
BP-33-SUR	Niobium-94	7.28E-03		5.04E-03	8.16E-03	1.15E-02	1.15E+00
BP-34-SUR	Niobium-94	7.66E-03		5.21E-03	8.42E-03	1.15E-02	1.15E+00
BP-35-SUR	Niobium-94	9.19E-03		4.84E-03	5.48E-03	1.15E-02	1.15E+00
BP-36-SUR	Niobium-94	5.78E-03		4.84E-03	7.87E-03	1.15E-02	1.15E+00
BP-37-SUR	Niobium-94	1.23E-02		6.75E-03	6.54E-03	1.15E-02	1.15E+00
BP-38-SUR	Niobium-94	4.14E-04	U	3.26E-03	5.43E-03	1.15E-02	1.15E+00
BP-39-SUR	Niobium-94	4.55E-03	U	4.59E-03	7.50E-03	1.15E-02	1.15E+00
BP-40-SUR	Niobium-94	5.62E-03		4.67E-03	7.60E-03	1.15E-02	1.15E+00
BP-41-SUR	Niobium-94	5.31E-03		4.95E-03	8.08E-03	1.15E-02	1.15E+00
BP-42-SUR	Niobium-94	3.19E-03	U	3.30E-03	7.77E-03	1.15E-02	1.15E+00

Table 22 - Niobium-94 Analytical Results

Sample ID	Analyte	Result (pCi/g)	Qualifier(s)	Uncertainty (+/- pCi/g)	MDC (pCi/g)	Agricultural 10^{-6} PRG (pCi/g)	Agricultural 10^{-4} PRG (pCi/g)
BP-43-SUR	Niobium-94	6.17E-03		4.85E-03	7.89E-03	1.15E-02	1.15E+00
BP-44-SUR	Niobium-94	3.97E-03	U	4.69E-03	7.70E-03	1.15E-02	1.15E+00
BP-45-SUR	Niobium-94	5.51E-03		4.82E-03	7.86E-03	1.15E-02	1.15E+00
BP-46-SUR	Niobium-94	6.03E-03		4.71E-03	7.65E-03	1.15E-02	1.15E+00
BP-47-SUR	Niobium-94	5.89E-03		4.35E-03	7.08E-03	1.15E-02	1.15E+00
BP-48-SUR	Niobium-94	9.80E-03		6.44E-03	6.71E-03	1.15E-02	1.15E+00
BP-49-SUR	Niobium-94	2.79E-03	U	3.37E-03	5.54E-03	1.15E-02	1.15E+00
BP-50-SUR	Niobium-94	4.25E-03	U	4.78E-03	7.82E-03	1.15E-02	1.15E+00
BP-51-SUR	Niobium-94	4.49E-03		4.07E-03	6.65E-03	1.15E-02	1.15E+00
BP-52-SUR	Niobium-94	1.09E-02		5.10E-03	5.26E-03	1.15E-02	1.15E+00
BP-53-SUR	Niobium-94	3.11E-03	U	4.80E-03	7.91E-03	1.15E-02	1.15E+00
BP-54-SUR	Niobium-94	7.49E-03		4.88E-03	5.03E-03	1.15E-02	1.15E+00
Bridle Path Subsurface Samples (Santa Susana Formation)							
BP-3-SUB	Niobium-94	2.60E-03	U	3.96E-03	6.55E-03	1.15E-02	1.15E+00
BP-4-SUB	Niobium-94	9.25E-03		6.13E-03	6.09E-03	1.15E-02	1.15E+00
BP-5-SUB	Niobium-94	1.27E-02		6.89E-03	6.48E-03	1.15E-02	1.15E+00
BP-9-SUB	Niobium-94	8.94E-03		4.53E-03	4.96E-03	1.15E-02	1.15E+00
BP-12-SUB	Niobium-94	4.60E-03		4.53E-03	7.40E-03	1.15E-02	1.15E+00
BP-13-SUB	Niobium-94	7.64E-03		4.98E-03	5.72E-03	1.15E-02	1.15E+00
BP-14-SUB	Niobium-94	6.56E-03		4.63E-03	7.48E-03	1.15E-02	1.15E+00
BP-16-SUB	Niobium-94	4.88E-03		4.04E-03	6.59E-03	1.15E-02	1.15E+00
BP-20-SUB	Niobium-94	3.93E-03	U	4.62E-03	7.57E-03	1.15E-02	1.15E+00
BP-23-SUB	Niobium-94	6.67E-03		4.43E-03	4.91E-03	1.15E-02	1.15E+00
BP-29-SUB	Niobium-94	3.99E-02	U	7.23E-02	1.24E-01	1.15E-02	1.15E+00
BP-34-SUB	Niobium-94	6.68E-03		4.97E-03	8.05E-03	1.15E-02	1.15E+00
BP-35-SUB	Niobium-94	1.01E-02		5.45E-03	5.58E-03	1.15E-02	1.15E+00
BP-38-SUB	Niobium-94	8.67E-03		5.35E-03	5.87E-03	1.15E-02	1.15E+00
BP-43-SUB	Niobium-94	5.34E-03		4.75E-03	7.74E-03	1.15E-02	1.15E+00
BP-45-SUB	Niobium-94	4.60E-03	U	4.74E-03	7.76E-03	1.15E-02	1.15E+00
BP-46-SUB	Niobium-94	6.18E-03		5.54E-03	9.04E-03	1.15E-02	1.15E+00
BP-48-SUB	Niobium-94	5.20E-03		4.74E-03	7.73E-03	1.15E-02	1.15E+00
BP-50-SUB	Niobium-94	6.96E-03		4.70E-03	7.59E-03	1.15E-02	1.15E+00
BP-51-SUB	Niobium-94	5.40E-03		4.91E-03	8.00E-03	1.15E-02	1.15E+00

Notes:

pCi/g - Picocuries per gram of dry soil. Analyses for H-3, C-14, Tc-99, and I-129 are reported in units of pCi per gram of "as-received" soil.

MDC - Minimum Detectable Concentration

PRG - Preliminary Remediation Goal

Uncertainty - Reported at the 1.96σ Confidence Interval. Gamma Spec. Reported at the 2σ Confidence Interval.

Data Qualifiers:

B - Analyte present, but not detected substantially above the level reported in laboratory or field blanks.

J - The analyte was detected at the reported concentration: the quantitation is an estimate.

K - Analyte present. Reported value may be biased high. Actual value is expected to be lower.

L - Analyte present. Reported value may be biased low. Actual value is expected to be higher.

R - The result is rejected due to serious deficiences in the ability to analyze the sample and meet the Quality Control criteria.

U - Not considered detected. The associated number is the reported concentration.

UJ - Not considered detected. The associated number is the reported concentration which may be inaccurate.

UL - Not considered detected. The associated number is the reported concentration which may be inaccurate due to a low bias.

X - Excluded. The data point is associated with reanalyses or diluted analyses and is excluded because another result has been selecetd as the definitive result for the analyte

These results are qualified based on the usability of the data for its intended purpose, which is to develop a statistical profile against which to compare individual on-site sample results, to determine the extent of potential site contamination that may be attributable to site activities.

Table 23 - Potassium-40 Analytical Results

Sample ID	Analyte	Result (pCi/g)	Qualifier(s)	Uncertainty (+/- pCi/g)	MDC (pCi/g)	Agricultural 10^{-6} PRG (pCi/g)	Agricultural 10^{-4} PRG (pCi/g)
Lang Ranch Surface Samples (Chatsworth Formation)							
LR-1-SUR	Potassium-40	2.49E+01		2.70E+00	8.06E-02	4.45E-02	4.45E+00
LR-2-SUR	Potassium-40	2.51E+01		2.72E+00	8.33E-02	4.45E-02	4.45E+00
LR-3-SUR	Potassium-40	2.60E+01		2.82E+00	8.46E-02	4.45E-02	4.45E+00
LR-4-SUR	Potassium-40	2.58E+01		2.80E+00	7.81E-02	4.45E-02	4.45E+00
LR-5-SUR	Potassium-40	2.59E+01		2.81E+00	8.25E-02	4.45E-02	4.45E+00
LR-6-SUR	Potassium-40	2.61E+01		2.84E+00	8.66E-02	4.45E-02	4.45E+00
LR-7-SUR	Potassium-40	2.51E+01		2.73E+00	8.26E-02	4.45E-02	4.45E+00
LR-8-SUR	Potassium-40	2.53E+01		2.74E+00	7.98E-02	4.45E-02	4.45E+00
LR-9-SUR	Potassium-40	2.57E+01		2.79E+00	7.87E-02	4.45E-02	4.45E+00
LR-10-SUR	Potassium-40	2.50E+01		2.72E+00	8.07E-02	4.45E-02	4.45E+00
LR-11-SUR	Potassium-40	2.49E+01		2.71E+00	8.44E-02	4.45E-02	4.45E+00
LR-12-SUR	Potassium-40	2.49E+01		2.71E+00	8.05E-02	4.45E-02	4.45E+00
LR-13-SUR	Potassium-40	2.42E+01		2.63E+00	7.83E-02	4.45E-02	4.45E+00
LR-14-SUR	Potassium-40	2.49E+01		2.71E+00	7.79E-02	4.45E-02	4.45E+00
LR-15-SUR	Potassium-40	2.69E+01		2.92E+00	8.79E-02	4.45E-02	4.45E+00
LR-16-SUR	Potassium-40	2.58E+01		2.80E+00	8.01E-02	4.45E-02	4.45E+00
LR-17-SUR	Potassium-40	2.31E+01		2.51E+00	7.74E-02	4.45E-02	4.45E+00
LR-18-SUR	Potassium-40	2.48E+01		2.70E+00	8.24E-02	4.45E-02	4.45E+00
LR-19-SUR	Potassium-40	2.64E+01		2.86E+00	9.11E-02	4.45E-02	4.45E+00
LR-20-SUR	Potassium-40	2.60E+01		2.82E+00	8.92E-02	4.45E-02	4.45E+00
LR-21-SUR	Potassium-40	2.54E+01		2.76E+00	8.66E-02	4.45E-02	4.45E+00
LR-22-SUR	Potassium-40	2.54E+01		2.76E+00	8.90E-02	4.45E-02	4.45E+00
LR-23-SUR	Potassium-40	2.45E+01		2.66E+00	8.46E-02	4.45E-02	4.45E+00
LR-24-SUR	Potassium-40	2.42E+01		2.63E+00	8.66E-02	4.45E-02	4.45E+00
LR-25-SUR	Potassium-40	2.60E+01		2.82E+00	9.19E-02	4.45E-02	4.45E+00
LR-26-SUR	Potassium-40	2.59E+01		2.81E+00	9.55E-02	4.45E-02	4.45E+00
LR-27-SUR	Potassium-40	2.57E+01		2.79E+00	8.43E-02	4.45E-02	4.45E+00
Lang Ranch Subsurface Samples (Chatsworth Formation)							
LR-3-SUB	Potassium-40	2.50E+01		2.72E+00	8.13E-02	4.45E-02	4.45E+00
LR-4-SUB	Potassium-40	2.40E+01		2.60E+00	7.87E-02	4.45E-02	4.45E+00
LR-9-SUB	Potassium-40	2.13E+01		2.31E+00	7.97E-02	4.45E-02	4.45E+00
LR-13-SUB	Potassium-40	2.34E+01		2.55E+00	8.33E-02	4.45E-02	4.45E+00
LR-15-SUB	Potassium-40	3.05E+01		3.31E+00	9.68E-02	4.45E-02	4.45E+00
LR-18-SUB	Potassium-40	2.44E+01		2.66E+00	8.34E-02	4.45E-02	4.45E+00
LR-19-SUB	Potassium-40	2.49E+01		2.70E+00	7.95E-02	4.45E-02	4.45E+00
LR-23-SUB	Potassium-40	2.40E+01		2.61E+00	8.33E-02	4.45E-02	4.45E+00
LR-24-SUB	Potassium-40	2.15E+01		2.33E+00	7.51E-02	4.45E-02	4.45E+00
LR-26-SUB	Potassium-40	2.17E+01		2.36E+00	7.61E-02	4.45E-02	4.45E+00
Rocky Peak Surface Samples (Chatsworth Formation)							
RP-1-SUR	Potassium-40	2.39E+01		2.59E+00	6.55E-02	4.45E-02	4.45E+00
RP-2-SUR	Potassium-40	2.40E+01		2.61E+00	7.57E-02	4.45E-02	4.45E+00
RP-3-SUR	Potassium-40	2.19E+01		2.38E+00	6.75E-02	4.45E-02	4.45E+00
RP-4-SUR	Potassium-40	2.40E+01		2.60E+00	7.29E-02	4.45E-02	4.45E+00
RP-5-SUR	Potassium-40	2.39E+01		2.60E+00	7.06E-02	4.45E-02	4.45E+00
RP-6-SUR	Potassium-40	2.38E+01		2.58E+00	7.42E-02	4.45E-02	4.45E+00
RP-7-SUR	Potassium-40	2.22E+01		2.41E+00	7.33E-02	4.45E-02	4.45E+00
RP-8-SUR	Potassium-40	2.27E+01		2.46E+00	7.14E-02	4.45E-02	4.45E+00
RP-9-SUR	Potassium-40	2.13E+01		2.15E+00	7.32E-02	4.45E-02	4.45E+00
RP-10-SUR	Potassium-40	2.27E+01		2.47E+00	7.35E-02	4.45E-02	4.45E+00
RP-11-SUR	Potassium-40	2.18E+01		2.37E+00	6.31E-02	4.45E-02	4.45E+00
RP-12-SUR	Potassium-40	2.30E+01		2.50E+00	6.99E-02	4.45E-02	4.45E+00
RP-13-SUR	Potassium-40	2.35E+01		2.55E+00	6.92E-02	4.45E-02	4.45E+00
RP-14-SUR	Potassium-40	2.27E+01		2.46E+00	6.85E-02	4.45E-02	4.45E+00
RP-15-SUR	Potassium-40	2.31E+01		2.51E+00	6.94E-02	4.45E-02	4.45E+00
RP-16-SUR	Potassium-40	2.24E+01		2.43E+00	6.47E-02	4.45E-02	4.45E+00
RP-17-SUR	Potassium-40	2.24E+01		2.43E+00	6.65E-02	4.45E-02	4.45E+00
RP-18-SUR	Potassium-40	2.23E+01		2.42E+00	6.56E-02	4.45E-02	4.45E+00
RP-19-SUR	Potassium-40	2.23E+01		2.42E+00	7.15E-02	4.45E-02	4.45E+00
RP-20-SUR	Potassium-40	2.22E+01		2.41E+00	7.28E-02	4.45E-02	4.45E+00
RP-21-SUR	Potassium-40	2.39E+01		2.60E+00	6.88E-02	4.45E-02	4.45E+00

Table 23 - Potassium-40 Analytical Results

Sample ID	Analyte	Result (pCi/g)	Qualifier(s)	Uncertainty (+/- pCi/g)	MDC (pCi/g)	Agricultural 10^{-6} PRG (pCi/g)	Agricultural 10^{-4} PRG (pCi/g)
RP-22-SUR	Potassium-40	2.40E+01		2.60E+00	7.17E-02	4.45E-02	4.45E+00
RP-23-SUR	Potassium-40	2.39E+01		2.59E+00	6.76E-02	4.45E-02	4.45E+00
RP-24-SUR	Potassium-40	2.33E+01		2.53E+00	6.83E-02	4.45E-02	4.45E+00
RP-25-SUR	Potassium-40	2.35E+01		2.55E+00	7.06E-02	4.45E-02	4.45E+00
RP-26-SUR	Potassium-40	2.34E+01		2.54E+00	7.10E-02	4.45E-02	4.45E+00
RP-27-SUR	Potassium-40	2.31E+01		2.51E+00	7.01E-02	4.45E-02	4.45E+00
RP-28-SUR	Potassium-40	2.27E+01		2.47E+00	7.15E-02	4.45E-02	4.45E+00
Rocky Peak Subsurface Samples (Chatsworth Formation)							
RP-1-SUB	Potassium-40	2.33E+01		2.53E+00	6.92E-02	4.45E-02	4.45E+00
RP-5-SUB	Potassium-40	2.31E+01		2.50E+00	7.15E-02	4.45E-02	4.45E+00
RP-7-SUB	Potassium-40	2.29E+01		2.49E+00	6.96E-02	4.45E-02	4.45E+00
RP-12-SUB	Potassium-40	2.20E+01		2.39E+00	6.72E-02	4.45E-02	4.45E+00
RP-13-SUB	Potassium-40	2.16E+01		2.34E+00	7.06E-02	4.45E-02	4.45E+00
RP-17-SUB	Potassium-40	2.29E+01		2.48E+00	7.12E-02	4.45E-02	4.45E+00
RP-18-SUB	Potassium-40	2.31E+01		2.50E+00	7.45E-02	4.45E-02	4.45E+00
RP-19-SUB	Potassium-40	2.27E+01		2.47E+00	7.23E-02	4.45E-02	4.45E+00
RP-20-SUB	Potassium-40	2.29E+01		2.49E+00	6.68E-02	4.45E-02	4.45E+00
RP-28-SUB	Potassium-40	2.31E+01		2.51E+00	7.14E-02	4.45E-02	4.45E+00
Bridle Path Surface Samples (Santa Susana Formation)							
BP-1-SUR	Potassium-40	2.08E+01		2.26E+00	8.17E-02	4.45E-02	4.45E+00
BP-2-SUR	Potassium-40	2.11E+01		2.29E+00	8.19E-02	4.45E-02	4.45E+00
BP-3-SUR	Potassium-40	2.06E+01		2.24E+00	7.86E-02	4.45E-02	4.45E+00
BP-4-SUR	Potassium-40	2.07E+01		2.25E+00	8.64E-02	4.45E-02	4.45E+00
BP-5-SUR	Potassium-40	2.05E+01		2.23E+00	7.74E-02	4.45E-02	4.45E+00
BP-6-SUR	Potassium-40	2.00E+01		2.18E+00	8.25E-02	4.45E-02	4.45E+00
BP-7-SUR	Potassium-40	2.02E+01		2.20E+00	7.99E-02	4.45E-02	4.45E+00
BP-8-SUR	Potassium-40	2.01E+01		2.19E+00	7.91E-02	4.45E-02	4.45E+00
BP-9-SUR	Potassium-40	2.04E+01		2.21E+00	7.93E-02	4.45E-02	4.45E+00
BP-10-SUR	Potassium-40	2.00E+01		2.17E+00	7.75E-02	4.45E-02	4.45E+00
BP-11-SUR	Potassium-40	1.99E+01		2.16E+00	7.98E-02	4.45E-02	4.45E+00
BP-12-SUR	Potassium-40	2.01E+01		2.19E+00	8.53E-02	4.45E-02	4.45E+00
BP-13-SUR	Potassium-40	2.02E+01		2.05E+00	1.11E-01	4.45E-02	4.45E+00
BP-14-SUR	Potassium-40	2.05E+01		2.23E+00	7.98E-02	4.45E-02	4.45E+00
BP-15-SUR	Potassium-40	2.04E+01		2.21E+00	8.20E-02	4.45E-02	4.45E+00
BP-16-SUR	Potassium-40	2.00E+01		2.17E+00	8.28E-02	4.45E-02	4.45E+00
BP-17-SUR	Potassium-40	2.02E+01		2.20E+00	7.81E-02	4.45E-02	4.45E+00
BP-18-SUR	Potassium-40	2.03E+01		2.20E+00	8.31E-02	4.45E-02	4.45E+00
BP-19-SUR	Potassium-40	2.01E+01		2.04E+00	9.85E-02	4.45E-02	4.45E+00
BP-20-SUR	Potassium-40	2.03E+01		2.21E+00	8.33E-02	4.45E-02	4.45E+00
BP-21-SUR	Potassium-40	2.01E+01		2.19E+00	8.42E-02	4.45E-02	4.45E+00
BP-22-SUR	Potassium-40	2.04E+01		2.07E+00	9.28E-02	4.45E-02	4.45E+00
BP-23-SUR	Potassium-40	2.02E+01		2.05E+00	9.89E-02	4.45E-02	4.45E+00
BP-24-SUR	Potassium-40	2.01E+01		2.04E+00	1.01E-01	4.45E-02	4.45E+00
BP-25-SUR	Potassium-40	1.99E+01		2.02E+00	1.04E-01	4.45E-02	4.45E+00
BP-26-SUR	Potassium-40	2.03E+01		2.06E+00	9.58E-02	4.45E-02	4.45E+00
BP-27-SUR	Potassium-40	2.02E+01		2.05E+00	9.78E-02	4.45E-02	4.45E+00
BP-28-SUR	Potassium-40	1.96E+01		1.99E+00	9.27E-02	4.45E-02	4.45E+00
BP-29-SUR	Potassium-40	1.88E+01		1.91E+00	9.14E-02	4.45E-02	4.45E+00
BP-30-SUR	Potassium-40	1.89E+01		2.06E+00	7.45E-02	4.45E-02	4.45E+00
BP-31-SUR	Potassium-40	1.87E+01		1.90E+00	9.67E-02	4.45E-02	4.45E+00
BP-32-SUR	Potassium-40	2.01E+01		2.04E+00	9.45E-02	4.45E-02	4.45E+00
BP-33-SUR	Potassium-40	2.05E+01		2.23E+00	7.76E-02	4.45E-02	4.45E+00
BP-34-SUR	Potassium-40	1.98E+01		2.01E+00	1.00E-01	4.45E-02	4.45E+00
BP-35-SUR	Potassium-40	2.02E+01		2.20E+00	7.66E-02	4.45E-02	4.45E+00
BP-36-SUR	Potassium-40	1.96E+01		2.13E+00	7.84E-02	4.45E-02	4.45E+00
BP-37-SUR	Potassium-40	1.91E+01		2.08E+00	7.75E-02	4.45E-02	4.45E+00
BP-38-SUR	Potassium-40	1.98E+01		2.16E+00	7.81E-02	4.45E-02	4.45E+00
BP-39-SUR	Potassium-40	1.91E+01		2.08E+00	8.24E-02	4.45E-02	4.45E+00
BP-40-SUR	Potassium-40	2.00E+01		2.18E+00	7.39E-02	4.45E-02	4.45E+00
BP-41-SUR	Potassium-40	1.97E+01		1.99E+00	9.10E-02	4.45E-02	4.45E+00
BP-42-SUR	Potassium-40	1.91E+01		2.07E+00	7.25E-02	4.45E-02	4.45E+00

Table 23 - Potassium-40 Analytical Results

Sample ID	Analyte	Result (pCi/g)	Qualifier(s)	Uncertainty (+/- pCi/g)	MDC (pCi/g)	Agricultural 10^{-6} PRG (pCi/g)	Agricultural 10^{-4} PRG (pCi/g)
BP-43-SUR	Potassium-40	1.79E+01		1.82E+00	9.32E-02	4.45E-02	4.45E+00
BP-44-SUR	Potassium-40	1.84E+01		2.00E+00	7.34E-02	4.45E-02	4.45E+00
BP-45-SUR	Potassium-40	1.84E+01		1.87E+00	9.45E-02	4.45E-02	4.45E+00
BP-46-SUR	Potassium-40	1.88E+01		2.05E+00	6.92E-02	4.45E-02	4.45E+00
BP-47-SUR	Potassium-40	2.00E+01		2.03E+00	7.94E-02	4.45E-02	4.45E+00
BP-48-SUR	Potassium-40	1.99E+01		2.17E+00	8.04E-02	4.45E-02	4.45E+00
BP-49-SUR	Potassium-40	1.89E+01		1.91E+00	8.39E-02	4.45E-02	4.45E+00
BP-50-SUR	Potassium-40	1.90E+01		2.07E+00	7.90E-02	4.45E-02	4.45E+00
BP-51-SUR	Potassium-40	1.93E+01		1.95E+00	8.06E-02	4.45E-02	4.45E+00
BP-52-SUR	Potassium-40	1.97E+01		2.00E+00	7.78E-02	4.45E-02	4.45E+00
BP-53-SUR	Potassium-40	2.06E+01		2.25E+00	7.80E-02	4.45E-02	4.45E+00
BP-54-SUR	Potassium-40	1.92E+01		1.94E+00	7.32E-02	4.45E-02	4.45E+00
Bridle Path Subsurface Samples (Santa Susana Formation)							
BP-3-SUB	Potassium-40	1.82E+01		1.84E+00	7.66E-02	4.45E-02	4.45E+00
BP-4-SUB	Potassium-40	1.85E+01		2.01E+00	7.11E-02	4.45E-02	4.45E+00
BP-5-SUB	Potassium-40	1.84E+01		2.00E+00	7.43E-02	4.45E-02	4.45E+00
BP-9-SUB	Potassium-40	1.70E+01		1.72E+00	7.06E-02	4.45E-02	4.45E+00
BP-12-SUB	Potassium-40	1.80E+01		1.95E+00	7.40E-02	4.45E-02	4.45E+00
BP-13-SUB	Potassium-40	1.72E+01		1.75E+00	8.91E-02	4.45E-02	4.45E+00
BP-14-SUB	Potassium-40	2.02E+01		2.20E+00	7.87E-02	4.45E-02	4.45E+00
BP-16-SUB	Potassium-40	1.72E+01		1.75E+00	7.10E-02	4.45E-02	4.45E+00
BP-20-SUB	Potassium-40	1.83E+01		2.00E+00	7.30E-02	4.45E-02	4.45E+00
BP-23-SUB	Potassium-40	1.76E+01		1.78E+00	7.09E-02	4.45E-02	4.45E+00
BP-29-SUB	Potassium-40	1.64E+01		3.28E+00	2.16E+00	4.45E-02	4.45E+00
BP-34-SUB	Potassium-40	1.77E+01		1.93E+00	7.42E-02	4.45E-02	4.45E+00
BP-35-SUB	Potassium-40	1.75E+01		1.77E+00	7.53E-02	4.45E-02	4.45E+00
BP-38-SUB	Potassium-40	2.15E+01		2.34E+00	8.11E-02	4.45E-02	4.45E+00
BP-43-SUB	Potassium-40	1.83E+01		1.86E+00	1.05E-01	4.45E-02	4.45E+00
BP-45-SUB	Potassium-40	1.85E+01		2.01E+00	7.45E-02	4.45E-02	4.45E+00
BP-46-SUB	Potassium-40	1.88E+01		1.91E+00	1.06E-01	4.45E-02	4.45E+00
BP-48-SUB	Potassium-40	1.75E+01		1.90E+00	7.96E-02	4.45E-02	4.45E+00
BP-50-SUB	Potassium-40	1.75E+01		1.78E+00	8.72E-02	4.45E-02	4.45E+00
BP-51-SUB	Potassium-40	1.78E+01		1.94E+00	7.23E-02	4.45E-02	4.45E+00

Notes:

pCi/g - Picocuries per gram of dry soil. Analyses for H-3, C-14, Tc-99, and I-129 are reported in units of pCi per gram of "as-received" soil.

MDC - Minimum Detectable Concentration

PRG - Preliminary Remediation Goal

Uncertainty - Reported at the 1.96σ Confidence Interval. Gamma Spec. Reported at the 2σ Confidence Interval.

Data Qualifiers:

B - Analyte present, but not detected substantially above the level reported in laboratory or field blanks.

J - The analyte was detected at the reported concentration: the quantitation is an estimate.

K - Analyte present. Reported value may be biased high. Actual value is expected to be lower.

L - Analyte present. Reported value may be biased low. Actual value is expected to be higher.

R - The result is rejected due to serious deficiences in the ability to analyze the sample and meet the Quality Control criteria.

U - Not considered detected. The associated number is the reported concentration.

UJ - Not considered detected. The associated number is the reported concentration which may be inaccurate.

UL - Not considered detected. The associated number is the reported concentration which may be inaccurate due to a low bias.

X - Excluded. The data point is associated with reanalyses or diluted analyses and is excluded because another result has been selecetd as the definitive result for the analyte

These results are qualified based on the usability of the data for its intended purpose, which is to develop a statistical profile against which to compare individual on-site sample results, to determine the extent of potential site contamination that may be attributable to site activities.

Table 24 - Protactinium-231 Analytical Results

Sample ID	Analyte	Result (pCi/g)	Qualifier(s)	Uncertainty (+/- pCi/g)	MDC (pCi/g)	Agricultural 10^{-6} PRG (pCi/g)	Agricultural 10^{-4} PRG (pCi/g)
Lang Ranch Surface Samples (Chatsworth Formation)							
LR-1-SUR	Protactinium-231	-1.27E-01	U	2.97E-01	4.90E-01	2.10E-01	2.10E+01
LR-2-SUR	Protactinium-231	-3.54E-02	U	2.93E-01	4.83E-01	2.10E-01	2.10E+01
LR-3-SUR	Protactinium-231	6.80E-02	U	2.96E-01	4.89E-01	2.10E-01	2.10E+01
LR-4-SUR	Protactinium-231	4.64E-03	U	2.90E-01	4.81E-01	2.10E-01	2.10E+01
LR-5-SUR	Protactinium-231	-1.22E-01	U	3.01E-01	4.96E-01	2.10E-01	2.10E+01
LR-6-SUR	Protactinium-231	-8.80E-02	U	3.05E-01	5.03E-01	2.10E-01	2.10E+01
LR-7-SUR	Protactinium-231	8.80E-03	U	2.65E-01	4.40E-01	2.10E-01	2.10E+01
LR-8-SUR	Protactinium-231	-5.18E-02	U	2.57E-01	4.25E-01	2.10E-01	2.10E+01
LR-9-SUR	Protactinium-231	-8.61E-02	U	3.00E-01	4.95E-01	2.10E-01	2.10E+01
LR-10-SUR	Protactinium-231	-1.31E-01	U	3.64E-01	4.91E-01	2.10E-01	2.10E+01
LR-11-SUR	Protactinium-231	-2.16E-01	U	3.35E-01	4.88E-01	2.10E-01	2.10E+01
LR-12-SUR	Protactinium-231	-1.18E-02	U	2.93E-01	4.85E-01	2.10E-01	2.10E+01
LR-13-SUR	Protactinium-231	9.49E-04	U	2.27E-01	3.77E-01	2.10E-01	2.10E+01
LR-14-SUR	Protactinium-231	-1.63E-01	U	2.69E-01	4.43E-01	2.10E-01	2.10E+01
LR-15-SUR	Protactinium-231	-1.57E-01	U	3.07E-01	5.07E-01	2.10E-01	2.10E+01
LR-16-SUR	Protactinium-231	-1.81E-01	U	2.85E-01	4.69E-01	2.10E-01	2.10E+01
LR-17-SUR	Protactinium-231	2.50E-01		2.21E-01	3.61E-01	2.10E-01	2.10E+01
LR-18-SUR	Protactinium-231	1.49E-01	U	2.87E-01	4.73E-01	2.10E-01	2.10E+01
LR-19-SUR	Protactinium-231	-4.52E-02	U	2.98E-01	4.93E-01	2.10E-01	2.10E+01
LR-20-SUR	Protactinium-231	-8.53E-04	U	2.97E-01	4.93E-01	2.10E-01	2.10E+01
LR-21-SUR	Protactinium-231	-1.13E-01	U	3.08E-01	5.09E-01	2.10E-01	2.10E+01
LR-22-SUR	Protactinium-231	-2.02E-03	U	3.08E-01	5.11E-01	2.10E-01	2.10E+01
LR-23-SUR	Protactinium-231	1.23E-01	U	1.58E-01	4.85E-01	2.10E-01	2.10E+01
LR-24-SUR	Protactinium-231	-3.94E-03	U	2.87E-01	4.76E-01	2.10E-01	2.10E+01
LR-25-SUR	Protactinium-231	-6.26E-02	U	3.00E-01	4.97E-01	2.10E-01	2.10E+01
LR-26-SUR	Protactinium-231	-5.68E-02	U	2.96E-01	4.89E-01	2.10E-01	2.10E+01
LR-27-SUR	Protactinium-231	-1.90E-01	U	3.44E-01	4.80E-01	2.10E-01	2.10E+01
Lang Ranch Subsurface Samples (Chatsworth Formation)							
LR-3-SUB	Protactinium-231	-1.31E-03	U	2.35E-01	3.90E-01	2.10E-01	2.10E+01
LR-4-SUB	Protactinium-231	6.99E-03	U	2.77E-01	4.59E-01	2.10E-01	2.10E+01
LR-9-SUB	Protactinium-231	-1.50E-02	U	1.51E+01	4.28E-01	2.10E-01	2.10E+01
LR-13-SUB	Protactinium-231	2.55E-01		1.77E-01	3.67E-01	2.10E-01	2.10E+01
LR-15-SUB	Protactinium-231	8.03E-02	U	1.54E-01	5.33E-01	2.10E-01	2.10E+01
LR-18-SUB	Protactinium-231	-9.48E-03	U	1.73E+00	5.00E-01	2.10E-01	2.10E+01
LR-19-SUB	Protactinium-231	1.39E-01	U	2.25E-01	3.70E-01	2.10E-01	2.10E+01
LR-23-SUB	Protactinium-231	-1.19E-02	U	8.14E-01	4.35E-01	2.10E-01	2.10E+01
LR-24-SUB	Protactinium-231	-1.43E-01	U	3.26E-01	4.71E-01	2.10E-01	2.10E+01
LR-26-SUB	Protactinium-231	-1.72E-02	U	8.74E-01	4.11E-01	2.10E-01	2.10E+01
Rocky Peak Surface Samples (Chatsworth Formation)							
RP-1-SUR	Protactinium-231	9.49E-03	U	2.39E-01	3.96E-01	2.10E-01	2.10E+01
RP-2-SUR	Protactinium-231	9.02E-02	U	2.50E-01	4.13E-01	2.10E-01	2.10E+01
RP-3-SUR	Protactinium-231	9.96E-02	U	1.70E-01	3.38E-01	2.10E-01	2.10E+01
RP-4-SUR	Protactinium-231	1.85E-02	U	1.77E-01	2.94E-01	2.10E-01	2.10E+01
RP-5-SUR	Protactinium-231	-1.44E-01	U	3.55E-01	3.93E-01	2.10E-01	2.10E+01
RP-6-SUR	Protactinium-231	9.67E-02	U	2.05E-01	2.77E-01	2.10E-01	2.10E+01
RP-7-SUR	Protactinium-231	-7.25E-02	U	3.01E-01	3.61E-01	2.10E-01	2.10E+01
RP-8-SUR	Protactinium-231	-1.19E-02	U	5.38E+01	4.16E-01	2.10E-01	2.10E+01
RP-9-SUR	Protactinium-231	-6.26E-02	U	1.98E-01	3.26E-01	2.10E-01	2.10E+01
RP-10-SUR	Protactinium-231	-1.10E-01	U	4.36E-01	4.21E-01	2.10E-01	2.10E+01
RP-11-SUR	Protactinium-231	-9.91E-02	U	3.02E-01	3.94E-01	2.10E-01	2.10E+01
RP-12-SUR	Protactinium-231	-3.54E-02	U	1.31E+00	3.08E-01	2.10E-01	2.10E+01
RP-13-SUR	Protactinium-231	1.64E-01	U	1.75E-01	2.42E-01	2.10E-01	2.10E+01
RP-14-SUR	Protactinium-231	1.39E-01	U	1.81E-01	2.98E-01	2.10E-01	2.10E+01
RP-15-SUR	Protactinium-231	-8.40E-02	U	3.83E-01	3.20E-01	2.10E-01	2.10E+01
RP-16-SUR	Protactinium-231	-1.04E-01	U	3.84E-01	3.77E-01	2.10E-01	2.10E+01
RP-17-SUR	Protactinium-231	-5.73E-02	U	6.79E-01	4.02E-01	2.10E-01	2.10E+01
RP-18-SUR	Protactinium-231	-2.28E-01	U	3.25E-01	4.17E-01	2.10E-01	2.10E+01
RP-19-SUR	Protactinium-231	8.51E-02	U	2.49E-01	4.11E-01	2.10E-01	2.10E+01
RP-20-SUR	Protactinium-231	1.98E-01		1.97E-01	3.21E-01	2.10E-01	2.10E+01
RP-21-SUR	Protactinium-231	-1.97E-02	U	3.88E-01	3.92E-01	2.10E-01	2.10E+01

Table 24 - Protactinium-231 Analytical Results

Sample ID	Analyte	Result (pCi/g)	Qualifier(s)	Uncertainty (+/- pCi/g)	MDC (pCi/g)	Agricultural 10^{-6} PRG (pCi/g)	Agricultural 10^{-4} PRG (pCi/g)
RP-22-SUR	Protactinium-231	-2.36E-02	U	2.63E-01	2.88E-01	2.10E-01	2.10E+01
RP-23-SUR	Protactinium-231	8.51E-01		1.53E-01	4.18E-01	2.10E-01	2.10E+01
RP-24-SUR	Protactinium-231	-1.45E-01	U	2.33E-01	3.65E-01	2.10E-01	2.10E+01
RP-25-SUR	Protactinium-231	-4.91E-03	U	2.64E+00	4.14E-01	2.10E-01	2.10E+01
RP-26-SUR	Protactinium-231	4.48E-02	U	2.51E-01	4.15E-01	2.10E-01	2.10E+01
RP-27-SUR	Protactinium-231	2.52E-02	U	4.20E-02	4.28E-01	2.10E-01	2.10E+01
RP-28-SUR	Protactinium-231	-3.25E-03	U	2.06E+00	3.72E-01	2.10E-01	2.10E+01
Rocky Peak Subsurface Samples (Chatsworth Formation)							
RP-1-SUB	Protactinium-231	1.35E-02	U	2.38E-01	3.95E-01	2.10E-01	2.10E+01
RP-5-SUB	Protactinium-231	-9.97E-02	U	2.96E-01	4.31E-01	2.10E-01	2.10E+01
RP-7-SUB	Protactinium-231	9.50E-02	U	2.52E-01	4.16E-01	2.10E-01	2.10E+01
RP-12-SUB	Protactinium-231	-4.54E-04	U	2.38E-01	3.34E-01	2.10E-01	2.10E+01
RP-13-SUB	Protactinium-231	-1.64E-01	U	2.73E-01	4.18E-01	2.10E-01	2.10E+01
RP-17-SUB	Protactinium-231	2.64E-02	U	2.56E-01	4.24E-01	2.10E-01	2.10E+01
RP-18-SUB	Protactinium-231	-1.72E-01	U	2.77E-01	4.35E-01	2.10E-01	2.10E+01
RP-19-SUB	Protactinium-231	-9.02E-02	U	2.79E-01	4.24E-01	2.10E-01	2.10E+01
RP-20-SUB	Protactinium-231	-1.24E-01	U	2.53E-01	4.09E-01	2.10E-01	2.10E+01
RP-28-SUB	Protactinium-231	-1.09E-01	U	2.57E-01	4.14E-01	2.10E-01	2.10E+01
Bridle Path Surface Samples (Santa Susana Formation)							
BP-1-SUR	Protactinium-231	-4.05E-02	U	1.13E+00	4.83E-01	2.10E-01	2.10E+01
BP-2-SUR	Protactinium-231	-2.69E-02	U	8.48E+00	5.19E-01	2.10E-01	2.10E+01
BP-3-SUR	Protactinium-231	-3.93E-02	U	1.38E+00	5.06E-01	2.10E-01	2.10E+01
BP-4-SUR	Protactinium-231	-3.05E-01	U	3.50E-01	4.87E-01	2.10E-01	2.10E+01
BP-5-SUR	Protactinium-231	-6.02E-02	U	7.80E-01	5.43E-01	2.10E-01	2.10E+01
BP-6-SUR	Protactinium-231	-2.45E-02	U	4.73E+01	5.42E-01	2.10E-01	2.10E+01
BP-7-SUR	Protactinium-231	-1.35E-01	U	3.72E-01	5.59E-01	2.10E-01	2.10E+01
BP-8-SUR	Protactinium-231	5.10E-02	U	3.13E-01	5.18E-01	2.10E-01	2.10E+01
BP-9-SUR	Protactinium-231	-1.34E-02	U	7.95E-01	4.99E-01	2.10E-01	2.10E+01
BP-10-SUR	Protactinium-231	1.34E-01	U	3.25E-01	5.37E-01	2.10E-01	2.10E+01
BP-11-SUR	Protactinium-231	9.27E-02	U	2.97E-01	4.91E-01	2.10E-01	2.10E+01
BP-12-SUR	Protactinium-231	-1.97E-01	U	3.46E-01	5.36E-01	2.10E-01	2.10E+01
BP-13-SUR	Protactinium-231	-5.19E-03	U	6.87E-01	5.16E-01	2.10E-01	2.10E+01
BP-14-SUR	Protactinium-231	-2.16E-01	U	3.27E-01	5.08E-01	2.10E-01	2.10E+01
BP-15-SUR	Protactinium-231	-8.47E-02	U	3.64E-01	5.21E-01	2.10E-01	2.10E+01
BP-16-SUR	Protactinium-231	9.90E-02	U	3.10E-01	5.12E-01	2.10E-01	2.10E+01
BP-17-SUR	Protactinium-231	-1.13E-01	U	3.18E-01	5.26E-01	2.10E-01	2.10E+01
BP-18-SUR	Protactinium-231	1.50E-01	U	1.89E-01	3.11E-01	2.10E-01	2.10E+01
BP-19-SUR	Protactinium-231	-5.20E-03	U	7.13E-01	5.21E-01	2.10E-01	2.10E+01
BP-20-SUR	Protactinium-231	-2.77E-01	U	3.15E-01	5.17E-01	2.10E-01	2.10E+01
BP-21-SUR	Protactinium-231	-3.11E-01	U	3.20E-01	5.24E-01	2.10E-01	2.10E+01
BP-22-SUR	Protactinium-231	9.38E-02	U	3.25E-01	5.37E-01	2.10E-01	2.10E+01
BP-23-SUR	Protactinium-231	-1.55E-01	U	3.19E-01	5.26E-01	2.10E-01	2.10E+01
BP-24-SUR	Protactinium-231	-1.62E-01	U	3.23E-01	5.34E-01	2.10E-01	2.10E+01
BP-25-SUR	Protactinium-231	-5.51E-02	U	3.20E-01	5.30E-01	2.10E-01	2.10E+01
BP-26-SUR	Protactinium-231	-1.46E-01	U	3.13E-01	5.17E-01	2.10E-01	2.10E+01
BP-27-SUR	Protactinium-231	2.80E-02	U	3.14E-01	5.21E-01	2.10E-01	2.10E+01
BP-28-SUR	Protactinium-231	1.54E-02	U	3.08E-01	5.10E-01	2.10E-01	2.10E+01
BP-29-SUR	Protactinium-231	-1.36E-01	U	4.11E-01	4.40E-01	2.10E-01	2.10E+01
BP-30-SUR	Protactinium-231	-1.11E-01	U	3.88E-01	5.15E-01	2.10E-01	2.10E+01
BP-31-SUR	Protactinium-231	1.40E-02	U	3.06E-01	5.07E-01	2.10E-01	2.10E+01
BP-32-SUR	Protactinium-231	-1.31E-01	U	3.18E-01	5.25E-01	2.10E-01	2.10E+01
BP-33-SUR	Protactinium-231	-1.78E-01	U	5.98E-01	4.94E-01	2.10E-01	2.10E+01
BP-34-SUR	Protactinium-231	5.12E-02	U	3.21E-01	5.31E-01	2.10E-01	2.10E+01
BP-35-SUR	Protactinium-231	1.07E-01	U	2.36E-01	3.90E-01	2.10E-01	2.10E+01
BP-36-SUR	Protactinium-231	-1.17E-01	U	3.55E-01	4.99E-01	2.10E-01	2.10E+01
BP-37-SUR	Protactinium-231	-1.38E-01	U	3.75E-01	5.02E-01	2.10E-01	2.10E+01
BP-38-SUR	Protactinium-231	4.15E-03	U	2.95E-01	4.88E-01	2.10E-01	2.10E+01
BP-39-SUR	Protactinium-231	-3.45E-02	U	2.06E-01	3.41E-01	2.10E-01	2.10E+01
BP-40-SUR	Protactinium-231	-1.31E-01	U	2.82E-01	4.65E-01	2.10E-01	2.10E+01
BP-41-SUR	Protactinium-231	-2.43E-03	U	2.98E-01	4.93E-01	2.10E-01	2.10E+01
BP-42-SUR	Protactinium-231	-1.79E-01	U	2.91E-01	4.78E-01	2.10E-01	2.10E+01

Table 24 - Protactinium-231 Analytical Results

Sample ID	Analyte	Result (pCi/g)	Qualifier(s)	Uncertainty (+/- pCi/g)	MDC (pCi/g)	Agricultural 10^{-6} PRG (pCi/g)	Agricultural 10^{-4} PRG (pCi/g)
BP-43-SUR	Protactinium-231	1.50E-02	U	2.95E-01	4.89E-01	2.10E-01	2.10E+01
BP-44-SUR	Protactinium-231	3.19E-01		2.23E-01	3.56E-01	2.10E-01	2.10E+01
BP-45-SUR	Protactinium-231	1.13E-01	U	1.99E-01	4.66E-01	2.10E-01	2.10E+01
BP-46-SUR	Protactinium-231	-2.13E-01	U	3.46E-01	4.39E-01	2.10E-01	2.10E+01
BP-47-SUR	Protactinium-231	-1.31E-01	U	4.82E-01	4.29E-01	2.10E-01	2.10E+01
BP-48-SUR	Protactinium-231	-4.19E-02	U	2.21E+00	5.13E-01	2.10E-01	2.10E+01
BP-49-SUR	Protactinium-231	-1.11E-01	U	5.35E-01	4.23E-01	2.10E-01	2.10E+01
BP-50-SUR	Protactinium-231	1.27E-02	U	2.99E-01	4.95E-01	2.10E-01	2.10E+01
BP-51-SUR	Protactinium-231	-7.08E-02	U	8.46E-01	4.16E-01	2.10E-01	2.10E+01
BP-52-SUR	Protactinium-231	4.02E-02	U	2.41E-01	3.99E-01	2.10E-01	2.10E+01
BP-53-SUR	Protactinium-231	-1.13E-01	U	5.26E-01	4.91E-01	2.10E-01	2.10E+01
BP-54-SUR	Protactinium-231	4.54E-02	U	2.19E-01	3.62E-01	2.10E-01	2.10E+01
Bridle Path Subsurface Samples (Santa Susana Formation)							
BP-3-SUB	Protactinium-231	-1.13E-01	U	2.36E-01	3.89E-01	2.10E-01	2.10E+01
BP-4-SUB	Protactinium-231	-6.05E-02	U	2.78E-01	4.61E-01	2.10E-01	2.10E+01
BP-5-SUB	Protactinium-231	1.25E+00		2.07E-01	4.69E-01	2.10E-01	2.10E+01
BP-9-SUB	Protactinium-231	-8.82E-02	U	2.06E-01	3.40E-01	2.10E-01	2.10E+01
BP-12-SUB	Protactinium-231	-2.53E-01	U	3.51E-01	4.76E-01	2.10E-01	2.10E+01
BP-13-SUB	Protactinium-231	-1.67E-01	U	4.43E-01	4.87E-01	2.10E-01	2.10E+01
BP-14-SUB	Protactinium-231	2.07E-01	U	2.17E-01	3.55E-01	2.10E-01	2.10E+01
BP-16-SUB	Protactinium-231	-1.81E-01	U	2.42E-01	3.98E-01	2.10E-01	2.10E+01
BP-20-SUB	Protactinium-231	-4.69E-02	U	8.71E-01	4.63E-01	2.10E-01	2.10E+01
BP-23-SUB	Protactinium-231	8.70E-02	U	9.58E-02	3.83E-01	2.10E-01	2.10E+01
BP-29-SUB	Protactinium-231	-5.14E-01	U	4.40E+00	7.23E+00	2.10E-01	2.10E+01
BP-34-SUB	Protactinium-231	1.77E+00		2.63E-01	4.68E-01	2.10E-01	2.10E+01
BP-35-SUB	Protactinium-231	-1.40E-04	U	1.70E-04	4.02E-01	2.10E-01	2.10E+01
BP-38-SUB	Protactinium-231	5.22E-02	U	2.94E-01	4.87E-01	2.10E-01	2.10E+01
BP-43-SUB	Protactinium-231	-3.54E-02	U	2.30E-01	3.81E-01	2.10E-01	2.10E+01
BP-45-SUB	Protactinium-231	3.57E-02	U	2.13E-01	3.53E-01	2.10E-01	2.10E+01
BP-46-SUB	Protactinium-231	-1.65E-01	U	3.38E-01	5.58E-01	2.10E-01	2.10E+01
BP-48-SUB	Protactinium-231	-1.94E-01	U	2.89E-01	4.75E-01	2.10E-01	2.10E+01
BP-50-SUB	Protactinium-231	-6.70E-02	U	2.86E-01	4.73E-01	2.10E-01	2.10E+01
BP-51-SUB	Protactinium-231	-1.69E-01	U	3.13E-01	5.15E-01	2.10E-01	2.10E+01

Notes:

pCi/g - Picocuries per gram of dry soil. Analyses for H-3, C-14, Tc-99, and I-129 are reported in units of pCi per gram of "as-received" soil.

MDC - Minimum Detectable Concentration

PRG - Preliminary Remediation Goal

Uncertainty - Reported at the 1.96σ Confidence Interval. Gamma Spec. Reported at the 2σ Confidence Interval.

Data Qualifiers:

B - Analyte present, but not detected substantially above the level reported in laboratory or field blanks.

J - The analyte was detected at the reported concentration: the quantitation is an estimate.

K - Analyte present. Reported value may be biased high. Actual value is expected to be lower.

L - Analyte present. Reported value may be biased low. Actual value is expected to be higher.

R - The result is rejected due to serious deficiences in the ability to analyze the sample and meet the Quality Control criteria.

U - Not considered detected. The associated number is the reported concentration.

UJ - Not considered detected. The associated number is the reported concentration which may be inaccurate.

UL - Not considered detected. The associated number is the reported concentration which may be inaccurate due to a low bias.

X - Excluded. The data point is associated with reanalyses or diluted analyses and is excluded because another result has been selecetd as the definitive result for the analyte

These results are qualified based on the usability of the data for its intended purpose, which is to develop a statistical profile against which to compare individual on-site sample results, to determine the extent of potential site contamination that may be attributable to site activities.

Table 25 - Radium-228 Analytical Results

Sample ID	Analyte	Result (pCi/g)	Qualifier(s)	Uncertainty (+/- pCi/g)	MDC (pCi/g)	Agricultural 10^{-6} PRG (pCi/g)	Agricultural 10^{-4} PRG (pCi/g)
Lang Ranch Surface Samples (Chatsworth Formation)							
LR-1-SUR	Radium-228	1.33E+00		1.49E-01	3.88E-02	1.16E-03	1.16E-01
LR-2-SUR	Radium-228	1.33E+00		1.46E-01	3.88E-02	1.16E-03	1.16E-01
LR-3-SUR	Radium-228	1.40E+00		1.55E-01	3.87E-02	1.16E-03	1.16E-01
LR-4-SUR	Radium-228	1.35E+00		1.51E-01	3.92E-02	1.16E-03	1.16E-01
LR-5-SUR	Radium-228	1.37E+00		1.52E-01	3.91E-02	1.16E-03	1.16E-01
LR-6-SUR	Radium-228	1.36E+00		1.50E-01	4.02E-02	1.16E-03	1.16E-01
LR-7-SUR	Radium-228	1.30E+00		1.44E-01	3.76E-02	1.16E-03	1.16E-01
LR-8-SUR	Radium-228	1.32E+00		1.47E-01	3.69E-02	1.16E-03	1.16E-01
LR-9-SUR	Radium-228	1.37E+00		1.52E-01	3.93E-02	1.16E-03	1.16E-01
LR-10-SUR	Radium-228	1.38E+00		1.54E-01	4.54E-02	1.16E-03	1.16E-01
LR-11-SUR	Radium-228	1.36E+00		1.51E-01	4.48E-02	1.16E-03	1.16E-01
LR-12-SUR	Radium-228	1.30E+00		1.44E-01	4.03E-02	1.16E-03	1.16E-01
LR-13-SUR	Radium-228	1.25E+00		1.39E-01	3.69E-02	1.16E-03	1.16E-01
LR-14-SUR	Radium-228	1.18E+00		1.32E-01	3.88E-02	1.16E-03	1.16E-01
LR-15-SUR	Radium-228	1.52E+00		1.69E-01	4.26E-02	1.16E-03	1.16E-01
LR-16-SUR	Radium-228	1.47E+00		1.61E-01	3.72E-02	1.16E-03	1.16E-01
LR-17-SUR	Radium-228	1.36E+00		1.50E-01	3.29E-02	1.16E-03	1.16E-01
LR-18-SUR	Radium-228	1.47E+00		1.64E-01	3.83E-02	1.16E-03	1.16E-01
LR-19-SUR	Radium-228	1.50E+00		1.66E-01	4.08E-02	1.16E-03	1.16E-01
LR-20-SUR	Radium-228	1.52E+00		1.69E-01	3.98E-02	1.16E-03	1.16E-01
LR-21-SUR	Radium-228	1.47E+00		1.64E-01	3.98E-02	1.16E-03	1.16E-01
LR-22-SUR	Radium-228	1.47E+00		1.63E-01	3.95E-02	1.16E-03	1.16E-01
LR-23-SUR	Radium-228	1.47E+00		1.63E-01	3.69E-02	1.16E-03	1.16E-01
LR-24-SUR	Radium-228	1.40E+00		1.56E-01	3.70E-02	1.16E-03	1.16E-01
LR-25-SUR	Radium-228	1.41E+00		1.55E-01	3.97E-02	1.16E-03	1.16E-01
LR-26-SUR	Radium-228	1.36E+00		1.52E-01	4.03E-02	1.16E-03	1.16E-01
LR-27-SUR	Radium-228	1.27E+00		1.42E-01	3.74E-02	1.16E-03	1.16E-01
Lang Ranch Subsurface Samples (Chatsworth Formation)							
LR-3-SUB	Radium-228	1.53E+00		1.69E-01	3.92E-02	1.16E-03	1.16E-01
LR-4-SUB	Radium-228	1.51E+00		1.67E-01	3.58E-02	1.16E-03	1.16E-01
LR-9-SUB	Radium-228	1.62E+00		1.79E-01	3.62E-02	1.16E-03	1.16E-01
LR-13-SUB	Radium-228	1.47E+00		1.62E-01	3.84E-02	1.16E-03	1.16E-01
LR-15-SUB	Radium-228	1.80E+00		1.99E-01	5.04E-02	1.16E-03	1.16E-01
LR-18-SUB	Radium-228	1.50E+00		1.67E-01	4.50E-02	1.16E-03	1.16E-01
LR-19-SUB	Radium-228	1.62E+00		1.79E-01	4.59E-02	1.16E-03	1.16E-01
LR-23-SUB	Radium-228	1.79E+00		1.97E-01	4.75E-02	1.16E-03	1.16E-01
LR-24-SUB	Radium-228	1.45E+00		1.60E-01	4.21E-02	1.16E-03	1.16E-01
LR-26-SUB	Radium-228	1.65E+00		1.83E-01	4.26E-02	1.16E-03	1.16E-01
Rocky Peak Surface Samples (Chatsworth Formation)							
RP-1-SUR	Radium-228	1.05E+00		1.16E-01	3.15E-02	1.16E-03	1.16E-01
RP-2-SUR	Radium-228	1.04E+00		1.15E-01	3.38E-02	1.16E-03	1.16E-01
RP-3-SUR	Radium-228	1.07E+00		1.20E-01	3.49E-02	1.16E-03	1.16E-01
RP-4-SUR	Radium-228	9.66E-01		1.08E-01	3.31E-02	1.16E-03	1.16E-01
RP-5-SUR	Radium-228	9.97E-01		1.12E-01	3.30E-02	1.16E-03	1.16E-01
RP-6-SUR	Radium-228	1.01E+00		1.12E-01	3.35E-02	1.16E-03	1.16E-01
RP-7-SUR	Radium-228	1.06E+00		1.18E-01	3.74E-02	1.16E-03	1.16E-01
RP-8-SUR	Radium-228	1.10E+00		1.23E-01	3.86E-02	1.16E-03	1.16E-01
RP-9-SUR	Radium-228	1.01E+00		1.04E-01	3.06E-02	1.16E-03	1.16E-01
RP-10-SUR	Radium-228	9.08E-01		1.12E-01	4.51E-02	1.16E-03	1.16E-01
RP-11-SUR	Radium-228	1.13E+00		1.26E-01	3.79E-02	1.16E-03	1.16E-01
RP-12-SUR	Radium-228	1.01E+00		1.13E-01	3.20E-02	1.16E-03	1.16E-01
RP-13-SUR	Radium-228	9.69E-01		1.08E-01	3.12E-02	1.16E-03	1.16E-01
RP-14-SUR	Radium-228	1.01E+00		1.12E-01	3.18E-02	1.16E-03	1.16E-01
RP-15-SUR	Radium-228	9.92E-01		1.11E-01	3.35E-02	1.16E-03	1.16E-01
RP-16-SUR	Radium-228	9.70E-01		1.07E-01	3.22E-02	1.16E-03	1.16E-01
RP-17-SUR	Radium-228	1.01E+00		1.13E-01	3.30E-02	1.16E-03	1.16E-01
RP-18-SUR	Radium-228	1.06E+00		1.17E-01	3.28E-02	1.16E-03	1.16E-01
RP-19-SUR	Radium-228	1.08E+00		1.19E-01	3.51E-02	1.16E-03	1.16E-01
RP-20-SUR	Radium-228	1.21E+00		1.33E-01	3.85E-02	1.16E-03	1.16E-01
RP-21-SUR	Radium-228	1.01E+00		1.12E-01	3.22E-02	1.16E-03	1.16E-01

Table 25 - Radium-228 Analytical Results

Sample ID	Analyte	Result (pCi/g)	Qualifier(s)	Uncertainty (+/- pCi/g)	MDC (pCi/g)	Agricultural 10^{-6} PRG (pCi/g)	Agricultural 10^{-4} PRG (pCi/g)
RP-22-SUR	Radium-228	1.00E+00		1.12E-01	3.33E-02	1.16E-03	1.16E-01
RP-23-SUR	Radium-228	1.10E+00		1.24E-01	4.15E-02	1.16E-03	1.16E-01
RP-24-SUR	Radium-228	1.01E+00		1.13E-01	3.22E-02	1.16E-03	1.16E-01
RP-25-SUR	Radium-228	1.05E+00		1.17E-01	3.47E-02	1.16E-03	1.16E-01
RP-26-SUR	Radium-228	1.08E+00		1.20E-01	3.49E-02	1.16E-03	1.16E-01
RP-27-SUR	Radium-228	1.12E+00		1.24E-01	3.47E-02	1.16E-03	1.16E-01
RP-28-SUR	Radium-228	1.16E+00		1.30E-01	3.53E-02	1.16E-03	1.16E-01
Rocky Peak Subsurface Samples (Chatsworth Formation)							
RP-1-SUB	Radium-228	9.97E-01		1.12E-01	3.28E-02	1.16E-03	1.16E-01
RP-5-SUB	Radium-228	1.13E+00		1.26E-01	3.58E-02	1.16E-03	1.16E-01
RP-7-SUB	Radium-228	1.15E+00		1.28E-01	3.46E-02	1.16E-03	1.16E-01
RP-12-SUB	Radium-228	9.72E-01		1.09E-01	3.08E-02	1.16E-03	1.16E-01
RP-13-SUB	Radium-228	1.15E+00		1.28E-01	3.48E-02	1.16E-03	1.16E-01
RP-17-SUB	Radium-228	1.21E+00		1.33E-01	3.46E-02	1.16E-03	1.16E-01
RP-18-SUB	Radium-228	1.25E+00		1.39E-01	3.55E-02	1.16E-03	1.16E-01
RP-19-SUB	Radium-228	1.22E+00		1.35E-01	3.36E-02	1.16E-03	1.16E-01
RP-20-SUB	Radium-228	1.20E+00		1.33E-01	3.36E-02	1.16E-03	1.16E-01
RP-28-SUB	Radium-228	1.16E+00		1.29E-01	3.39E-02	1.16E-03	1.16E-01
Bridle Path Surface Samples (Santa Susana Formation)							
BP-1-SUR	Radium-228	1.78E+00		1.96E-01	4.00E-02	1.16E-03	1.16E-01
BP-2-SUR	Radium-228	1.83E+00		2.02E-01	4.01E-02	1.16E-03	1.16E-01
BP-3-SUR	Radium-228	1.89E+00		2.08E-01	4.04E-02	1.16E-03	1.16E-01
BP-4-SUR	Radium-228	2.03E+00		2.24E-01	4.16E-02	1.16E-03	1.16E-01
BP-5-SUR	Radium-228	2.10E+00		2.31E-01	4.18E-02	1.16E-03	1.16E-01
BP-6-SUR	Radium-228	2.12E+00		2.33E-01	4.18E-02	1.16E-03	1.16E-01
BP-7-SUR	Radium-228	2.10E+00		2.30E-01	4.40E-02	1.16E-03	1.16E-01
BP-8-SUR	Radium-228	2.04E+00		2.25E-01	4.19E-02	1.16E-03	1.16E-01
BP-9-SUR	Radium-228	2.00E+00		2.20E-01	4.21E-02	1.16E-03	1.16E-01
BP-10-SUR	Radium-228	2.09E+00		2.30E-01	4.23E-02	1.16E-03	1.16E-01
BP-11-SUR	Radium-228	1.98E+00		2.17E-01	4.17E-02	1.16E-03	1.16E-01
BP-12-SUR	Radium-228	1.92E+00		2.12E-01	4.18E-02	1.16E-03	1.16E-01
BP-13-SUR	Radium-228	1.99E+00		2.05E-01	4.61E-02	1.16E-03	1.16E-01
BP-14-SUR	Radium-228	1.68E+00		1.85E-01	3.73E-02	1.16E-03	1.16E-01
BP-15-SUR	Radium-228	1.83E+00		2.01E-01	4.07E-02	1.16E-03	1.16E-01
BP-16-SUR	Radium-228	1.78E+00		1.96E-01	4.03E-02	1.16E-03	1.16E-01
BP-17-SUR	Radium-228	1.88E+00		2.06E-01	4.05E-02	1.16E-03	1.16E-01
BP-18-SUR	Radium-228	1.87E+00		2.05E-01	3.93E-02	1.16E-03	1.16E-01
BP-19-SUR	Radium-228	1.98E+00		2.03E-01	4.30E-02	1.16E-03	1.16E-01
BP-20-SUR	Radium-228	2.01E+00		2.20E-01	4.14E-02	1.16E-03	1.16E-01
BP-21-SUR	Radium-228	2.04E+00		2.24E-01	4.14E-02	1.16E-03	1.16E-01
BP-22-SUR	Radium-228	1.95E+00		2.00E-01	4.47E-02	1.16E-03	1.16E-01
BP-23-SUR	Radium-228	1.95E+00		2.01E-01	4.43E-02	1.16E-03	1.16E-01
BP-24-SUR	Radium-228	1.96E+00		2.01E-01	4.55E-02	1.16E-03	1.16E-01
BP-25-SUR	Radium-228	1.80E+00		1.85E-01	4.61E-02	1.16E-03	1.16E-01
BP-26-SUR	Radium-228	1.77E+00		1.81E-01	4.43E-02	1.16E-03	1.16E-01
BP-27-SUR	Radium-228	1.80E+00		1.86E-01	4.37E-02	1.16E-03	1.16E-01
BP-28-SUR	Radium-228	1.61E+00		1.65E-01	4.22E-02	1.16E-03	1.16E-01
BP-29-SUR	Radium-228	1.70E+00		1.74E-01	4.27E-02	1.16E-03	1.16E-01
BP-30-SUR	Radium-228	1.85E+00		2.05E-01	4.30E-02	1.16E-03	1.16E-01
BP-31-SUR	Radium-228	1.89E+00		1.95E-01	4.47E-02	1.16E-03	1.16E-01
BP-32-SUR	Radium-228	1.96E+00		2.00E-01	4.48E-02	1.16E-03	1.16E-01
BP-33-SUR	Radium-228	1.98E+00		2.19E-01	4.43E-02	1.16E-03	1.16E-01
BP-34-SUR	Radium-228	1.98E+00		2.03E-01	4.48E-02	1.16E-03	1.16E-01
BP-35-SUR	Radium-228	1.81E+00		2.00E-01	4.41E-02	1.16E-03	1.16E-01
BP-36-SUR	Radium-228	1.82E+00		2.01E-01	4.25E-02	1.16E-03	1.16E-01
BP-37-SUR	Radium-228	1.75E+00		1.94E-01	4.57E-02	1.16E-03	1.16E-01
BP-38-SUR	Radium-228	1.60E+00		1.77E-01	4.41E-02	1.16E-03	1.16E-01
BP-39-SUR	Radium-228	1.54E+00		1.71E-01	4.22E-02	1.16E-03	1.16E-01
BP-40-SUR	Radium-228	1.58E+00		1.75E-01	4.43E-02	1.16E-03	1.16E-01
BP-41-SUR	Radium-228	1.68E+00		1.71E-01	4.25E-02	1.16E-03	1.16E-01
BP-42-SUR	Radium-228	1.71E+00		1.90E-01	4.41E-02	1.16E-03	1.16E-01

Table 25 - Radium-228 Analytical Results

Sample ID	Analyte	Result (pCi/g)	Qualifier(s)	Uncertainty (+/- pCi/g)	MDC (pCi/g)	Agricultural 10^{-6} PRG (pCi/g)	Agricultural 10^{-4} PRG (pCi/g)
BP-43-SUR	Radium-228	1.77E+00		1.82E-01	4.39E-02	1.16E-03	1.16E-01
BP-44-SUR	Radium-228	1.72E+00		1.90E-01	4.29E-02	1.16E-03	1.16E-01
BP-45-SUR	Radium-228	1.75E+00		1.80E-01	4.34E-02	1.16E-03	1.16E-01
BP-46-SUR	Radium-228	1.75E+00		1.94E-01	4.34E-02	1.16E-03	1.16E-01
BP-47-SUR	Radium-228	1.91E+00		1.94E-01	3.76E-02	1.16E-03	1.16E-01
BP-48-SUR	Radium-228	1.93E+00		2.14E-01	4.88E-02	1.16E-03	1.16E-01
BP-49-SUR	Radium-228	1.87E+00		1.92E-01	3.76E-02	1.16E-03	1.16E-01
BP-50-SUR	Radium-228	1.84E+00		2.04E-01	4.53E-02	1.16E-03	1.16E-01
BP-51-SUR	Radium-228	1.67E+00		1.70E-01	3.56E-02	1.16E-03	1.16E-01
BP-52-SUR	Radium-228	1.52E+00		1.56E-01	3.48E-02	1.16E-03	1.16E-01
BP-53-SUR	Radium-228	1.50E+00		1.67E-01	4.52E-02	1.16E-03	1.16E-01
BP-54-SUR	Radium-228	1.37E+00		1.40E-01	3.27E-02	1.16E-03	1.16E-01
Bridle Path Subsurface Samples (Santa Susana Formation)							
BP-3-SUB	Radium-228	1.52E+00		1.55E-01	3.61E-02	1.16E-03	1.16E-01
BP-4-SUB	Radium-228	1.57E+00		1.74E-01	4.20E-02	1.16E-03	1.16E-01
BP-5-SUB	Radium-228	1.54E+00		1.71E-01	4.38E-02	1.16E-03	1.16E-01
BP-9-SUB	Radium-228	1.94E+00		1.97E-01	3.50E-02	1.16E-03	1.16E-01
BP-12-SUB	Radium-228	1.88E+00		2.08E-01	4.10E-02	1.16E-03	1.16E-01
BP-13-SUB	Radium-228	1.93E+00		1.97E-01	4.27E-02	1.16E-03	1.16E-01
BP-14-SUB	Radium-228	1.38E+00		1.53E-01	4.46E-02	1.16E-03	1.16E-01
BP-16-SUB	Radium-228	1.95E+00		1.98E-01	3.56E-02	1.16E-03	1.16E-01
BP-20-SUB	Radium-228	1.46E+00		1.62E-01	4.30E-02	1.16E-03	1.16E-01
BP-23-SUB	Radium-228	1.59E+00		1.62E-01	3.36E-02	1.16E-03	1.16E-01
BP-29-SUB	Radium-228	1.86E+00		4.25E-01	5.79E-01	1.16E-03	1.16E-01
BP-34-SUB	Radium-228	2.10E+00		2.31E-01	4.60E-02	1.16E-03	1.16E-01
BP-35-SUB	Radium-228	1.97E+00		2.00E-01	3.59E-02	1.16E-03	1.16E-01
BP-38-SUB	Radium-228	1.51E+00		1.68E-01	4.70E-02	1.16E-03	1.16E-01
BP-43-SUB	Radium-228	1.22E+00		1.31E-01	5.36E-02	1.16E-03	1.16E-01
BP-45-SUB	Radium-228	1.94E+00		2.15E-01	4.43E-02	1.16E-03	1.16E-01
BP-46-SUB	Radium-228	2.02E+00		2.08E-01	4.77E-02	1.16E-03	1.16E-01
BP-48-SUB	Radium-228	1.60E+00		1.78E-01	4.46E-02	1.16E-03	1.16E-01
BP-50-SUB	Radium-228	1.68E+00		1.71E-01	4.05E-02	1.16E-03	1.16E-01
BP-51-SUB	Radium-228	2.30E+00		2.53E-01	4.52E-02	1.16E-03	1.16E-01

Notes:

pCi/g - Picocuries per gram of dry soil. Analyses for H-3, C-14, Tc-99, and I-129 are reported in units of pCi per gram of "as-received" soil.

MDC - Minimum Detectable Concentration

PRG - Preliminary Remediation Goal

Uncertainty - Reported at the 1.96σ Confidence Interval. Gamma Spec. Reported at the 2σ Confidence Interval.

Data Qualifiers:

B - Analyte present, but not detected substantially above the level reported in laboratory or field blanks.

J - The analyte was detected at the reported concentration: the quantitation is an estimate.

K - Analyte present. Reported value may be biased high. Actual value is expected to be lower.

L - Analyte present. Reported value may be biased low. Actual value is expected to be higher.

R - The result is rejected due to serious deficiences in the ability to analyze the sample and meet the Quality Control criteria.

U - Not considered detected. The associated number is the reported concentration.

UJ - Not considered detected. The associated number is the reported concentration which may be inaccurate.

UL - Not considered detected. The associated number is the reported concentration which may be inaccurate due to a low bias.

X - Excluded. The data point is associated with reanalyses or diluted analyses and is excluded because another result has been selecetd as the definitive result for the analyte

These results are qualified based on the usability of the data for its intended purpose, which is to develop a statistical profile against which to compare individual on-site sample results, to determine the extent of potential site contamination that may be attributable to site activities.

Table 26 - Radon-220 Analytical Results

Sample ID	Analyte	Result (pCi/g)	Qualifier(s)	Uncertainty (+/- pCi/g)	MDC (pCi/g)	Agricultural 10^{-6} PRG (pCi/g)	Agricultural 10^{-4} PRG (pCi/g)
Lang Ranch Surface Samples (Chatsworth Formation)							
LR-1-SUR	Radon-220	1.22E+00		2.16E-01	7.52E-02	7.74E+08	7.74E+10
LR-2-SUR	Radon-220	1.22E+00		2.14E-01	7.09E-02	7.74E+08	7.74E+10
LR-3-SUR	Radon-220	1.34E+00		2.37E-01	7.75E-02	7.74E+08	7.74E+10
LR-4-SUR	Radon-220	1.28E+00		2.26E-01	7.42E-02	7.74E+08	7.74E+10
LR-5-SUR	Radon-220	1.32E+00		2.32E-01	7.25E-02	7.74E+08	7.74E+10
LR-6-SUR	Radon-220	1.27E+00		2.24E-01	7.63E-02	7.74E+08	7.74E+10
LR-7-SUR	Radon-220	1.29E+00		2.26E-01	6.94E-02	7.74E+08	7.74E+10
LR-8-SUR	Radon-220	1.29E+00		2.24E-01	6.63E-02	7.74E+08	7.74E+10
LR-9-SUR	Radon-220	1.34E+00		2.33E-01	7.11E-02	7.74E+08	7.74E+10
LR-10-SUR	Radon-220	1.42E+00		2.64E-01	7.58E-02	7.74E+08	7.74E+10
LR-11-SUR	Radon-220	1.39E+00		2.63E-01	8.19E-02	7.74E+08	7.74E+10
LR-12-SUR	Radon-220	1.17E+00		2.04E-01	6.95E-02	7.74E+08	7.74E+10
LR-13-SUR	Radon-220	1.64E+00		2.96E-01	1.23E-01	7.74E+08	7.74E+10
LR-14-SUR	Radon-220	1.07E+00		1.86E-01	6.37E-02	7.74E+08	7.74E+10
LR-15-SUR	Radon-220	1.35E+00		2.45E-01	8.90E-02	7.74E+08	7.74E+10
LR-16-SUR	Radon-220	1.88E+00		3.42E-01	1.33E-01	7.74E+08	7.74E+10
LR-17-SUR	Radon-220	1.26E+00		2.18E-01	6.58E-02	7.74E+08	7.74E+10
LR-18-SUR	Radon-220	1.43E+00		2.51E-01	7.64E-02	7.74E+08	7.74E+10
LR-19-SUR	Radon-220	1.40E+00		2.42E-01	7.51E-02	7.74E+08	7.74E+10
LR-20-SUR	Radon-220	1.46E+00		2.54E-01	7.61E-02	7.74E+08	7.74E+10
LR-21-SUR	Radon-220	1.36E+00		2.34E-01	7.37E-02	7.74E+08	7.74E+10
LR-22-SUR	Radon-220	1.44E+00		2.46E-01	6.77E-02	7.74E+08	7.74E+10
LR-23-SUR	Radon-220	1.32E+00		2.34E-01	7.86E-02	7.74E+08	7.74E+10
LR-24-SUR	Radon-220	1.30E+00		2.19E-01	6.04E-02	7.74E+08	7.74E+10
LR-25-SUR	Radon-220	1.30E+00		2.29E-01	7.79E-02	7.74E+08	7.74E+10
LR-26-SUR	Radon-220	1.30E+00		2.30E-01	7.77E-02	7.74E+08	7.74E+10
LR-27-SUR	Radon-220	1.24E+00		2.16E-01	6.59E-02	7.74E+08	7.74E+10
Lang Ranch Subsurface Samples (Chatsworth Formation)							
LR-3-SUB	Radon-220	1.38E+00		2.38E-01	7.12E-02	7.74E+08	7.74E+10
LR-4-SUB	Radon-220	1.47E+00		2.52E-01	6.96E-02	7.74E+08	7.74E+10
LR-9-SUB	Radon-220	1.49E+00		2.55E-01	6.38E-02	7.74E+08	7.74E+10
LR-13-SUB	Radon-220	1.38E+00		2.45E-01	7.83E-02	7.74E+08	7.74E+10
LR-15-SUB	Radon-220	1.83E+00		3.34E-01	8.18E-02	7.74E+08	7.74E+10
LR-18-SUB	Radon-220	1.54E+00		2.89E-01	8.36E-02	7.74E+08	7.74E+10
LR-19-SUB	Radon-220	1.75E+00		3.26E-01	8.83E-02	7.74E+08	7.74E+10
LR-23-SUB	Radon-220	2.01E+00		3.70E-01	8.56E-02	7.74E+08	7.74E+10
LR-24-SUB	Radon-220	1.52E+00		2.80E-01	7.12E-02	7.74E+08	7.74E+10
LR-26-SUB	Radon-220	1.74E+00		3.21E-01	8.29E-02	7.74E+08	7.74E+10
Rocky Peak Surface Samples (Chatsworth Formation)							
RP-1-SUR	Radon-220	1.00E+00		1.78E-01	6.67E-02	7.74E+08	7.74E+10
RP-2-SUR	Radon-220	1.02E+00		1.80E-01	6.21E-02	7.74E+08	7.74E+10
RP-3-SUR	Radon-220	1.19E+00		2.18E-01	6.44E-02	7.74E+08	7.74E+10
RP-4-SUR	Radon-220	9.79E-01		1.77E-01	6.47E-02	7.74E+08	7.74E+10
RP-5-SUR	Radon-220	9.40E-01		1.64E-01	5.80E-02	7.74E+08	7.74E+10
RP-6-SUR	Radon-220	9.57E-01		1.77E-01	7.14E-02	7.74E+08	7.74E+10
RP-7-SUR	Radon-220	1.23E+00		2.33E-01	7.40E-02	7.74E+08	7.74E+10
RP-8-SUR	Radon-220	1.24E+00		2.35E-01	7.58E-02	7.74E+08	7.74E+10
RP-9-SUR	Radon-220	1.14E+00		1.87E-01	6.79E-02	7.74E+08	7.74E+10
RP-10-SUR	Radon-220	1.02E+00		1.80E-01	6.46E-02	7.74E+08	7.74E+10
RP-11-SUR	Radon-220	1.31E+00		2.50E-01	8.01E-02	7.74E+08	7.74E+10
RP-12-SUR	Radon-220	1.01E+00		1.77E-01	5.88E-02	7.74E+08	7.74E+10
RP-13-SUR	Radon-220	9.29E-01		1.69E-01	6.28E-02	7.74E+08	7.74E+10
RP-14-SUR	Radon-220	9.22E-01		1.69E-01	6.71E-02	7.74E+08	7.74E+10
RP-15-SUR	Radon-220	9.98E-01		1.71E-01	5.09E-02	7.74E+08	7.74E+10
RP-16-SUR	Radon-220	9.02E-01		1.60E-01	5.93E-02	7.74E+08	7.74E+10
RP-17-SUR	Radon-220	9.03E-01		1.61E-01	5.96E-02	7.74E+08	7.74E+10
RP-18-SUR	Radon-220	9.80E-01		1.73E-01	6.17E-02	7.74E+08	7.74E+10
RP-19-SUR	Radon-220	1.07E+00		1.87E-01	6.02E-02	7.74E+08	7.74E+10
RP-20-SUR	Radon-220	1.39E+00		2.65E-01	8.30E-02	7.74E+08	7.74E+10
RP-21-SUR	Radon-220	9.93E-01		1.74E-01	5.71E-02	7.74E+08	7.74E+10

Table 26 - Radon-220 Analytical Results

Sample ID	Analyte	Result (pCi/g)	Qualifier(s)	Uncertainty (+/- pCi/g)	MDC (pCi/g)	Agricultural 10^{-6} PRG (pCi/g)	Agricultural 10^{-4} PRG (pCi/g)
RP-22-SUR	Radon-220	1.01E+00		1.80E-01	6.39E-02	7.74E+08	7.74E+10
RP-23-SUR	Radon-220	1.30E+00		2.45E-01	8.03E-02	7.74E+08	7.74E+10
RP-24-SUR	Radon-220	9.98E-01		1.79E-01	6.59E-02	7.74E+08	7.74E+10
RP-25-SUR	Radon-220	9.71E-01		1.73E-01	6.45E-02	7.74E+08	7.74E+10
RP-26-SUR	Radon-220	1.01E+00		1.76E-01	6.07E-02	7.74E+08	7.74E+10
RP-27-SUR	Radon-220	1.14E+00		2.00E-01	6.48E-02	7.74E+08	7.74E+10
RP-28-SUR	Radon-220	1.18E+00		2.06E-01	6.57E-02	7.74E+08	7.74E+10
Rocky Peak Subsurface Samples (Chatsworth Formation)							
RP-1-SUB	Radon-220	9.94E-01		1.82E-01	6.84E-02	7.74E+08	7.74E+10
RP-5-SUB	Radon-220	1.11E+00		1.94E-01	6.13E-02	7.74E+08	7.74E+10
RP-7-SUB	Radon-220	1.09E+00		1.86E-01	5.66E-02	7.74E+08	7.74E+10
RP-12-SUB	Radon-220	9.47E-01		1.74E-01	6.65E-02	7.74E+08	7.74E+10
RP-13-SUB	Radon-220	1.15E+00		2.02E-01	6.47E-02	7.74E+08	7.74E+10
RP-17-SUB	Radon-220	1.14E+00		2.03E-01	6.94E-02	7.74E+08	7.74E+10
RP-18-SUB	Radon-220	1.25E+00		2.19E-01	6.80E-02	7.74E+08	7.74E+10
RP-19-SUB	Radon-220	1.19E+00		2.06E-01	6.23E-02	7.74E+08	7.74E+10
RP-20-SUB	Radon-220	1.17E+00		2.04E-01	6.43E-02	7.74E+08	7.74E+10
RP-28-SUB	Radon-220	1.10E+00		1.98E-01	7.28E-02	7.74E+08	7.74E+10
Bridle Path Surface Samples (Santa Susana Formation)							
BP-1-SUR	Radon-220	1.71E+00		2.93E-01	7.43E-02	7.74E+08	7.74E+10
BP-2-SUR	Radon-220	1.72E+00		2.94E-01	7.18E-02	7.74E+08	7.74E+10
BP-3-SUR	Radon-220	1.73E+00		3.00E-01	8.49E-02	7.74E+08	7.74E+10
BP-4-SUR	Radon-220	1.83E+00		3.14E-01	8.33E-02	7.74E+08	7.74E+10
BP-5-SUR	Radon-220	1.92E+00		3.24E-01	7.79E-02	7.74E+08	7.74E+10
BP-6-SUR	Radon-220	1.90E+00		3.15E-01	7.05E-02	7.74E+08	7.74E+10
BP-7-SUR	Radon-220	2.08E+00		3.55E-01	8.59E-02	7.74E+08	7.74E+10
BP-8-SUR	Radon-220	1.86E+00		3.22E-01	8.90E-02	7.74E+08	7.74E+10
BP-9-SUR	Radon-220	1.88E+00		3.20E-01	8.37E-02	7.74E+08	7.74E+10
BP-10-SUR	Radon-220	1.90E+00		3.22E-01	8.08E-02	7.74E+08	7.74E+10
BP-11-SUR	Radon-220	1.83E+00		3.09E-01	7.62E-02	7.74E+08	7.74E+10
BP-12-SUR	Radon-220	1.84E+00		3.15E-01	8.32E-02	7.74E+08	7.74E+10
BP-13-SUR	Radon-220	1.91E+00		2.99E-01	8.34E-02	7.74E+08	7.74E+10
BP-14-SUR	Radon-220	1.61E+00		2.75E-01	7.27E-02	7.74E+08	7.74E+10
BP-15-SUR	Radon-220	1.75E+00		3.03E-01	8.20E-02	7.74E+08	7.74E+10
BP-16-SUR	Radon-220	1.65E+00		2.81E-01	7.64E-02	7.74E+08	7.74E+10
BP-17-SUR	Radon-220	1.83E+00		3.10E-01	7.44E-02	7.74E+08	7.74E+10
BP-18-SUR	Radon-220	1.73E+00		2.98E-01	8.27E-02	7.74E+08	7.74E+10
BP-19-SUR	Radon-220	1.92E+00		3.04E-01	8.46E-02	7.74E+08	7.74E+10
BP-20-SUR	Radon-220	1.99E+00		3.38E-01	8.29E-02	7.74E+08	7.74E+10
BP-21-SUR	Radon-220	1.84E+00		3.19E-01	9.14E-02	7.74E+08	7.74E+10
BP-22-SUR	Radon-220	1.91E+00		3.01E-01	8.38E-02	7.74E+08	7.74E+10
BP-23-SUR	Radon-220	1.90E+00		3.03E-01	8.92E-02	7.74E+08	7.74E+10
BP-24-SUR	Radon-220	1.91E+00		3.02E-01	8.30E-02	7.74E+08	7.74E+10
BP-25-SUR	Radon-220	1.71E+00		2.70E-01	8.01E-02	7.74E+08	7.74E+10
BP-26-SUR	Radon-220	1.75E+00		2.83E-01	8.70E-02	7.74E+08	7.74E+10
BP-27-SUR	Radon-220	1.66E+00		2.65E-01	8.43E-02	7.74E+08	7.74E+10
BP-28-SUR	Radon-220	1.57E+00		2.58E-01	8.61E-02	7.74E+08	7.74E+10
BP-29-SUR	Radon-220	1.62E+00		2.60E-01	8.39E-02	7.74E+08	7.74E+10
BP-30-SUR	Radon-220	1.82E+00		3.34E-01	8.00E-02	7.74E+08	7.74E+10
BP-31-SUR	Radon-220	1.76E+00		2.82E-01	9.03E-02	7.74E+08	7.74E+10
BP-32-SUR	Radon-220	1.85E+00		2.90E-01	8.39E-02	7.74E+08	7.74E+10
BP-33-SUR	Radon-220	1.97E+00		3.65E-01	9.13E-02	7.74E+08	7.74E+10
BP-34-SUR	Radon-220	1.93E+00		3.12E-01	9.57E-02	7.74E+08	7.74E+10
BP-35-SUR	Radon-220	1.78E+00		3.23E-01	7.20E-02	7.74E+08	7.74E+10
BP-36-SUR	Radon-220	1.73E+00		3.15E-01	7.43E-02	7.74E+08	7.74E+10
BP-37-SUR	Radon-220	1.67E+00		3.10E-01	8.66E-02	7.74E+08	7.74E+10
BP-38-SUR	Radon-220	1.57E+00		2.93E-01	8.12E-02	7.74E+08	7.74E+10
BP-39-SUR	Radon-220	1.53E+00		2.81E-01	7.22E-02	7.74E+08	7.74E+10
BP-40-SUR	Radon-220	1.54E+00		2.87E-01	7.52E-02	7.74E+08	7.74E+10
BP-41-SUR	Radon-220	1.72E+00		2.73E-01	8.16E-02	7.74E+08	7.74E+10
BP-42-SUR	Radon-220	1.68E+00		3.14E-01	8.40E-02	7.74E+08	7.74E+10

Table 26 - Radon-220 Analytical Results

Sample ID	Analyte	Result (pCi/g)	Qualifier(s)	Uncertainty (+/- pCi/g)	MDC (pCi/g)	Agricultural 10^{-6} PRG (pCi/g)	Agricultural 10^{-4} PRG (pCi/g)
BP-43-SUR	Radon-220	1.74E+00		2.77E-01	8.28E-02	7.74E+08	7.74E+10
BP-44-SUR	Radon-220	1.68E+00		3.14E-01	8.71E-02	7.74E+08	7.74E+10
BP-45-SUR	Radon-220	1.67E+00		2.63E-01	7.64E-02	7.74E+08	7.74E+10
BP-46-SUR	Radon-220	1.74E+00		3.16E-01	7.59E-02	7.74E+08	7.74E+10
BP-47-SUR	Radon-220	1.92E+00		2.99E-01	7.59E-02	7.74E+08	7.74E+10
BP-48-SUR	Radon-220	1.93E+00		3.55E-01	9.01E-02	7.74E+08	7.74E+10
BP-49-SUR	Radon-220	1.91E+00		3.01E-01	7.81E-02	7.74E+08	7.74E+10
BP-50-SUR	Radon-220	1.76E+00		3.24E-01	8.29E-02	7.74E+08	7.74E+10
BP-51-SUR	Radon-220	1.73E+00		2.69E-01	6.54E-02	7.74E+08	7.74E+10
BP-52-SUR	Radon-220	1.48E+00		2.40E-01	7.39E-02	7.74E+08	7.74E+10
BP-53-SUR	Radon-220	1.46E+00		2.71E-01	8.06E-02	7.74E+08	7.74E+10
BP-54-SUR	Radon-220	1.34E+00		2.10E-01	5.92E-02	7.74E+08	7.74E+10
Bridle Path Subsurface Samples (Santa Susana Formation)							
BP-3-SUB	Radon-220	1.54E+00		2.44E-01	7.20E-02	7.74E+08	7.74E+10
BP-4-SUB	Radon-220	1.67E+00		3.15E-01	8.50E-02	7.74E+08	7.74E+10
BP-5-SUB	Radon-220	1.56E+00		2.91E-01	8.36E-02	7.74E+08	7.74E+10
BP-9-SUB	Radon-220	1.89E+00		2.91E-01	6.75E-02	7.74E+08	7.74E+10
BP-12-SUB	Radon-220	1.80E+00		3.28E-01	7.41E-02	7.74E+08	7.74E+10
BP-13-SUB	Radon-220	1.98E+00		3.13E-01	8.17E-02	7.74E+08	7.74E+10
BP-14-SUB	Radon-220	1.37E+00		2.59E-01	8.18E-02	7.74E+08	7.74E+10
BP-16-SUB	Radon-220	1.94E+00		2.98E-01	6.13E-02	7.74E+08	7.74E+10
BP-20-SUB	Radon-220	1.45E+00		2.73E-01	8.31E-02	7.74E+08	7.74E+10
BP-23-SUB	Radon-220	1.64E+00		2.58E-01	6.81E-02	7.74E+08	7.74E+10
BP-29-SUB	Radon-220	1.89E+00		9.25E-01	6.90E-01	7.74E+08	7.74E+10
BP-34-SUB	Radon-220	2.12E+00		3.86E-01	8.63E-02	7.74E+08	7.74E+10
BP-35-SUB	Radon-220	1.99E+00		3.07E-01	6.20E-02	7.74E+08	7.74E+10
BP-38-SUB	Radon-220	1.51E+00		2.81E-01	8.14E-02	7.74E+08	7.74E+10
BP-43-SUB	Radon-220	1.37E+00		2.28E-01	8.97E-02	7.74E+08	7.74E+10
BP-45-SUB	Radon-220	1.92E+00		3.53E-01	8.30E-02	7.74E+08	7.74E+10
BP-46-SUB	Radon-220	2.10E+00		3.30E-01	9.01E-02	7.74E+08	7.74E+10
BP-48-SUB	Radon-220	1.59E+00		2.94E-01	7.80E-02	7.74E+08	7.74E+10
BP-50-SUB	Radon-220	1.69E+00		2.72E-01	8.26E-02	7.74E+08	7.74E+10
BP-51-SUB	Radon-220	2.27E+00		4.09E-01	8.46E-02	7.74E+08	7.74E+10

Notes:

pCi/g - Picocuries per gram of dry soil. Analyses for H-3, C-14, Tc-99, and I-129 are reported in units of pCi per gram of "as-received" soil.

MDC - Minimum Detectable Concentration

PRG - Preliminary Remediation Goal

Uncertainty - Reported at the 1.96σ Confidence Interval. Gamma Spec. Reported at the 2σ Confidence Interval.

Data Qualifiers:

B - Analyte present, but not detected substantially above the level reported in laboratory or field blanks.

J - The analyte was detected at the reported concentration: the quantitation is an estimate.

K - Analyte present. Reported value may be biased high. Actual value is expected to be lower.

L - Analyte present. Reported value may be biased low. Actual value is expected to be higher.

R - The result is rejected due to serious deficiences in the ability to analyze the sample and meet the Quality Control criteria.

U - Not considered detected. The associated number is the reported concentration.

UJ - Not considered detected. The associated number is the reported concentration which may be inaccurate.

UL - Not considered detected. The associated number is the reported concentration which may be inaccurate due to a low bias.

X - Excluded. The data point is associated with reanalyses or diluted analyses and is excluded because another result has been selecetd as the definitive result for the analyte

These results are qualified based on the usability of the data for its intended purpose, which is to develop a statistical profile against which to compare individual on-site sample results, to determine the extent of potential site contamination that may be attributable to site activities.

Table 27 - Radon-222 Analytical Results

Sample ID	Analyte	Result (pCi/g)	Qualifier(s)	Uncertainty (+/- pCi/g)	MDC (pCi/g)	Agricultural 10^{-6} PRG (pCi/g)	Agricultural 10^{-4} PRG (pCi/g)
Lang Ranch Surface Samples (Chatsworth Formation)							
LR-1-SUR	Radon-222	1.19E+00		1.89E-01	2.35E-02	1.27E+05	1.27E+07
LR-2-SUR	Radon-222	1.19E+00		1.88E-01	2.41E-02	1.27E+05	1.27E+07
LR-3-SUR	Radon-222	1.23E+00		1.95E-01	2.59E-02	1.27E+05	1.27E+07
LR-4-SUR	Radon-222	1.12E+00		1.78E-01	2.55E-02	1.27E+05	1.27E+07
LR-5-SUR	Radon-222	1.25E+00		1.97E-01	2.45E-02	1.27E+05	1.27E+07
LR-6-SUR	Radon-222	1.25E+00		1.99E-01	2.60E-02	1.27E+05	1.27E+07
LR-7-SUR	Radon-222	1.09E+00		1.74E-01	2.48E-02	1.27E+05	1.27E+07
LR-8-SUR	Radon-222	1.13E+00		1.80E-01	2.49E-02	1.27E+05	1.27E+07
LR-9-SUR	Radon-222	1.16E+00		1.85E-01	2.71E-02	1.27E+05	1.27E+07
LR-10-SUR	Radon-222	1.04E+00		1.74E-01	2.43E-02	1.27E+05	1.27E+07
LR-11-SUR	Radon-222	1.08E+00		1.81E-01	2.57E-02	1.27E+05	1.27E+07
LR-12-SUR	Radon-222	1.09E+00		1.74E-01	2.55E-02	1.27E+05	1.27E+07
LR-13-SUR	Radon-222	1.02E+00		1.63E-01	2.27E-02	1.27E+05	1.27E+07
LR-14-SUR	Radon-222	9.88E-01		1.58E-01	2.51E-02	1.27E+05	1.27E+07
LR-15-SUR	Radon-222	1.11E+00		1.77E-01	2.68E-02	1.27E+05	1.27E+07
LR-16-SUR	Radon-222	1.04E+00		1.65E-01	2.44E-02	1.27E+05	1.27E+07
LR-17-SUR	Radon-222	9.92E-01		1.58E-01	2.33E-02	1.27E+05	1.27E+07
LR-18-SUR	Radon-222	1.14E+00		1.81E-01	2.31E-02	1.27E+05	1.27E+07
LR-19-SUR	Radon-222	1.24E+00		1.97E-01	2.60E-02	1.27E+05	1.27E+07
LR-20-SUR	Radon-222	1.21E+00		1.92E-01	2.72E-02	1.27E+05	1.27E+07
LR-21-SUR	Radon-222	1.18E+00		1.88E-01	2.69E-02	1.27E+05	1.27E+07
LR-22-SUR	Radon-222	1.17E+00		1.87E-01	2.70E-02	1.27E+05	1.27E+07
LR-23-SUR	Radon-222	1.14E+00		1.82E-01	2.53E-02	1.27E+05	1.27E+07
LR-24-SUR	Radon-222	1.14E+00		1.82E-01	2.51E-02	1.27E+05	1.27E+07
LR-25-SUR	Radon-222	1.21E+00		1.93E-01	2.68E-02	1.27E+05	1.27E+07
LR-26-SUR	Radon-222	1.19E+00		1.89E-01	2.61E-02	1.27E+05	1.27E+07
LR-27-SUR	Radon-222	1.13E+00		1.80E-01	2.39E-02	1.27E+05	1.27E+07
Lang Ranch Subsurface Samples (Chatsworth Formation)							
LR-3-SUB	Radon-222	1.20E+00		1.90E-01	2.50E-02	1.27E+05	1.27E+07
LR-4-SUB	Radon-222	1.07E+00		1.70E-01	2.27E-02	1.27E+05	1.27E+07
LR-9-SUB	Radon-222	9.71E-01		1.55E-01	2.47E-02	1.27E+05	1.27E+07
LR-13-SUB	Radon-222	1.14E+00		1.82E-01	2.47E-02	1.27E+05	1.27E+07
LR-15-SUB	Radon-222	1.15E+00		1.93E-01	2.71E-02	1.27E+05	1.27E+07
LR-18-SUB	Radon-222	1.07E+00		1.80E-01	2.62E-02	1.27E+05	1.27E+07
LR-19-SUB	Radon-222	1.17E+00		1.96E-01	2.47E-02	1.27E+05	1.27E+07
LR-23-SUB	Radon-222	1.24E+00		2.07E-01	2.35E-02	1.27E+05	1.27E+07
LR-24-SUB	Radon-222	1.10E+00		1.85E-01	2.37E-02	1.27E+05	1.27E+07
LR-26-SUB	Radon-222	9.77E-01		1.64E-01	2.50E-02	1.27E+05	1.27E+07
Rocky Peak Surface Samples (Chatsworth Formation)							
RP-1-SUR	Radon-222	7.03E-01		1.13E-01	1.96E-02	1.27E+05	1.27E+07
RP-2-SUR	Radon-222	7.28E-01		1.17E-01	2.25E-02	1.27E+05	1.27E+07
RP-3-SUR	Radon-222	6.47E-01		1.09E-01	1.95E-02	1.27E+05	1.27E+07
RP-4-SUR	Radon-222	7.16E-01		1.15E-01	2.08E-02	1.27E+05	1.27E+07
RP-5-SUR	Radon-222	7.61E-01		1.22E-01	2.13E-02	1.27E+05	1.27E+07
RP-6-SUR	Radon-222	7.81E-01		1.25E-01	2.12E-02	1.27E+05	1.27E+07
RP-7-SUR	Radon-222	7.21E-01		1.22E-01	2.02E-02	1.27E+05	1.27E+07
RP-8-SUR	Radon-222	7.66E-01		1.29E-01	2.01E-02	1.27E+05	1.27E+07
RP-9-SUR	Radon-222	7.46E-01		1.10E-01	1.68E-02	1.27E+05	1.27E+07
RP-10-SUR	Radon-222	8.60E-01		1.36E-01	1.80E-02	1.27E+05	1.27E+07
RP-11-SUR	Radon-222	7.60E-01		1.28E-01	2.09E-02	1.27E+05	1.27E+07
RP-12-SUR	Radon-222	6.98E-01		1.12E-01	1.99E-02	1.27E+05	1.27E+07
RP-13-SUR	Radon-222	7.00E-01		1.12E-01	1.96E-02	1.27E+05	1.27E+07
RP-14-SUR	Radon-222	7.70E-01		1.23E-01	2.06E-02	1.27E+05	1.27E+07
RP-15-SUR	Radon-222	7.75E-01		1.24E-01	1.92E-02	1.27E+05	1.27E+07
RP-16-SUR	Radon-222	7.64E-01		1.22E-01	2.03E-02	1.27E+05	1.27E+07
RP-17-SUR	Radon-222	7.92E-01		1.26E-01	1.96E-02	1.27E+05	1.27E+07
RP-18-SUR	Radon-222	8.51E-01		1.36E-01	2.06E-02	1.27E+05	1.27E+07
RP-19-SUR	Radon-222	8.56E-01		1.36E-01	2.01E-02	1.27E+05	1.27E+07
RP-20-SUR	Radon-222	7.61E-01		1.28E-01	2.17E-02	1.27E+05	1.27E+07
RP-21-SUR	Radon-222	6.92E-01		1.11E-01	1.93E-02	1.27E+05	1.27E+07

Table 27 - Radon-222 Analytical Results

Sample ID	Analyte	Result (pCi/g)	Qualifier(s)	Uncertainty (+/- pCi/g)	MDC (pCi/g)	Agricultural 10^{-6} PRG (pCi/g)	Agricultural 10^{-4} PRG (pCi/g)
RP-22-SUR	Radon-222	7.11E-01		1.14E-01	1.90E-02	1.27E+05	1.27E+07
RP-23-SUR	Radon-222	7.27E-01		1.23E-01	1.98E-02	1.27E+05	1.27E+07
RP-24-SUR	Radon-222	7.58E-01		1.21E-01	2.03E-02	1.27E+05	1.27E+07
RP-25-SUR	Radon-222	8.13E-01		1.30E-01	2.18E-02	1.27E+05	1.27E+07
RP-26-SUR	Radon-222	8.13E-01		1.31E-01	2.29E-02	1.27E+05	1.27E+07
RP-27-SUR	Radon-222	8.44E-01		1.35E-01	2.28E-02	1.27E+05	1.27E+07
RP-28-SUR	Radon-222	8.36E-01		1.34E-01	2.18E-02	1.27E+05	1.27E+07
Rocky Peak Subsurface Samples (Chatsworth Formation)							
RP-1-SUB	Radon-222	6.71E-01		1.08E-01	2.05E-02	1.27E+05	1.27E+07
RP-5-SUB	Radon-222	7.94E-01		1.28E-01	2.23E-02	1.27E+05	1.27E+07
RP-7-SUB	Radon-222	8.04E-01		1.29E-01	2.26E-02	1.27E+05	1.27E+07
RP-12-SUB	Radon-222	6.72E-01		1.08E-01	1.92E-02	1.27E+05	1.27E+07
RP-13-SUB	Radon-222	8.04E-01		1.28E-01	2.04E-02	1.27E+05	1.27E+07
RP-17-SUB	Radon-222	8.29E-01		1.33E-01	2.27E-02	1.27E+05	1.27E+07
RP-18-SUB	Radon-222	8.78E-01		1.41E-01	2.29E-02	1.27E+05	1.27E+07
RP-19-SUB	Radon-222	8.45E-01		1.35E-01	2.07E-02	1.27E+05	1.27E+07
RP-20-SUB	Radon-222	8.31E-01		1.33E-01	2.20E-02	1.27E+05	1.27E+07
RP-28-SUB	Radon-222	8.07E-01		1.29E-01	2.15E-02	1.27E+05	1.27E+07
Bridle Path Surface Samples (Santa Susana Formation)							
BP-1-SUR	Radon-222	1.41E+00		2.23E-01	2.52E-02	1.27E+05	1.27E+07
BP-2-SUR	Radon-222	1.44E+00		2.29E-01	2.78E-02	1.27E+05	1.27E+07
BP-3-SUR	Radon-222	1.41E+00		2.23E-01	2.60E-02	1.27E+05	1.27E+07
BP-4-SUR	Radon-222	1.57E+00		2.48E-01	2.77E-02	1.27E+05	1.27E+07
BP-5-SUR	Radon-222	1.57E+00		2.48E-01	2.72E-02	1.27E+05	1.27E+07
BP-6-SUR	Radon-222	1.60E+00		2.53E-01	2.77E-02	1.27E+05	1.27E+07
BP-7-SUR	Radon-222	1.61E+00		2.54E-01	2.72E-02	1.27E+05	1.27E+07
BP-8-SUR	Radon-222	1.60E+00		2.52E-01	2.72E-02	1.27E+05	1.27E+07
BP-9-SUR	Radon-222	1.60E+00		2.54E-01	2.78E-02	1.27E+05	1.27E+07
BP-10-SUR	Radon-222	1.58E+00		2.51E-01	2.77E-02	1.27E+05	1.27E+07
BP-11-SUR	Radon-222	1.55E+00		2.45E-01	2.78E-02	1.27E+05	1.27E+07
BP-12-SUR	Radon-222	1.50E+00		2.38E-01	2.63E-02	1.27E+05	1.27E+07
BP-13-SUR	Radon-222	1.57E+00		2.31E-01	2.73E-02	1.27E+05	1.27E+07
BP-14-SUR	Radon-222	1.34E+00		2.12E-01	2.55E-02	1.27E+05	1.27E+07
BP-15-SUR	Radon-222	1.41E+00		2.23E-01	2.75E-02	1.27E+05	1.27E+07
BP-16-SUR	Radon-222	1.41E+00		2.24E-01	2.65E-02	1.27E+05	1.27E+07
BP-17-SUR	Radon-222	1.43E+00		2.27E-01	2.79E-02	1.27E+05	1.27E+07
BP-18-SUR	Radon-222	1.42E+00		2.24E-01	2.62E-02	1.27E+05	1.27E+07
BP-19-SUR	Radon-222	1.48E+00		2.17E-01	2.77E-02	1.27E+05	1.27E+07
BP-20-SUR	Radon-222	1.56E+00		2.47E-01	2.77E-02	1.27E+05	1.27E+07
BP-21-SUR	Radon-222	1.54E+00		2.43E-01	2.68E-02	1.27E+05	1.27E+07
BP-22-SUR	Radon-222	1.53E+00		2.25E-01	2.88E-02	1.27E+05	1.27E+07
BP-23-SUR	Radon-222	1.51E+00		2.22E-01	2.95E-02	1.27E+05	1.27E+07
BP-24-SUR	Radon-222	1.50E+00		2.21E-01	2.85E-02	1.27E+05	1.27E+07
BP-25-SUR	Radon-222	1.42E+00		2.09E-01	2.63E-02	1.27E+05	1.27E+07
BP-26-SUR	Radon-222	1.35E+00		1.99E-01	2.80E-02	1.27E+05	1.27E+07
BP-27-SUR	Radon-222	1.38E+00		2.03E-01	2.72E-02	1.27E+05	1.27E+07
BP-28-SUR	Radon-222	1.33E+00		1.96E-01	2.78E-02	1.27E+05	1.27E+07
BP-29-SUR	Radon-222	1.29E+00		1.89E-01	2.65E-02	1.27E+05	1.27E+07
BP-30-SUR	Radon-222	1.41E+00		2.36E-01	2.59E-02	1.27E+05	1.27E+07
BP-31-SUR	Radon-222	1.40E+00		2.06E-01	2.81E-02	1.27E+05	1.27E+07
BP-32-SUR	Radon-222	1.44E+00		2.11E-01	2.83E-02	1.27E+05	1.27E+07
BP-33-SUR	Radon-222	1.43E+00		2.38E-01	2.58E-02	1.27E+05	1.27E+07
BP-34-SUR	Radon-222	1.46E+00		2.14E-01	2.58E-02	1.27E+05	1.27E+07
BP-35-SUR	Radon-222	1.26E+00		2.10E-01	2.65E-02	1.27E+05	1.27E+07
BP-36-SUR	Radon-222	1.25E+00		2.09E-01	2.45E-02	1.27E+05	1.27E+07
BP-37-SUR	Radon-222	1.19E+00		2.00E-01	2.55E-02	1.27E+05	1.27E+07
BP-38-SUR	Radon-222	1.07E+00		1.79E-01	2.53E-02	1.27E+05	1.27E+07
BP-39-SUR	Radon-222	1.04E+00		1.75E-01	2.35E-02	1.27E+05	1.27E+07
BP-40-SUR	Radon-222	1.15E+00		1.92E-01	2.58E-02	1.27E+05	1.27E+07
BP-41-SUR	Radon-222	1.22E+00		1.80E-01	2.70E-02	1.27E+05	1.27E+07
BP-42-SUR	Radon-222	1.21E+00		2.02E-01	2.51E-02	1.27E+05	1.27E+07

Table 27 - Radon-222 Analytical Results

Sample ID	Analyte	Result (pCi/g)	Qualifier(s)	Uncertainty (+/- pCi/g)	MDC (pCi/g)	Agricultural 10^{-6} PRG (pCi/g)	Agricultural 10^{-4} PRG (pCi/g)
BP-43-SUR	Radon-222	1.22E+00		1.80E-01	2.59E-02	1.27E+05	1.27E+07
BP-44-SUR	Radon-222	1.21E+00		2.02E-01	2.46E-02	1.27E+05	1.27E+07
BP-45-SUR	Radon-222	1.18E+00		1.74E-01	2.59E-02	1.27E+05	1.27E+07
BP-46-SUR	Radon-222	1.17E+00		1.96E-01	2.65E-02	1.27E+05	1.27E+07
BP-47-SUR	Radon-222	1.36E+00		1.99E-01	2.34E-02	1.27E+05	1.27E+07
BP-48-SUR	Radon-222	1.30E+00		2.18E-01	2.80E-02	1.27E+05	1.27E+07
BP-49-SUR	Radon-222	1.25E+00		1.83E-01	2.37E-02	1.27E+05	1.27E+07
BP-50-SUR	Radon-222	1.22E+00		2.04E-01	2.68E-02	1.27E+05	1.27E+07
BP-51-SUR	Radon-222	1.23E+00		1.80E-01	2.08E-02	1.27E+05	1.27E+07
BP-52-SUR	Radon-222	1.07E+00		1.57E-01	2.19E-02	1.27E+05	1.27E+07
BP-53-SUR	Radon-222	9.98E-01		1.68E-01	2.53E-02	1.27E+05	1.27E+07
BP-54-SUR	Radon-222	9.29E-01		1.37E-01	1.91E-02	1.27E+05	1.27E+07
Bridle Path Subsurface Samples (Santa Susana Formation)							
BP-3-SUB	Radon-222	9.69E-01		1.43E-01	2.20E-02	1.27E+05	1.27E+07
BP-4-SUB	Radon-222	1.02E+00		1.71E-01	2.48E-02	1.27E+05	1.27E+07
BP-5-SUB	Radon-222	1.02E+00		1.71E-01	2.43E-02	1.27E+05	1.27E+07
BP-9-SUB	Radon-222	1.09E+00		1.60E-01	2.12E-02	1.27E+05	1.27E+07
BP-12-SUB	Radon-222	1.17E+00		1.95E-01	2.38E-02	1.27E+05	1.27E+07
BP-13-SUB	Radon-222	1.23E+00		1.81E-01	2.52E-02	1.27E+05	1.27E+07
BP-14-SUB	Radon-222	1.03E+00		1.73E-01	2.49E-02	1.27E+05	1.27E+07
BP-16-SUB	Radon-222	1.16E+00		1.70E-01	2.23E-02	1.27E+05	1.27E+07
BP-20-SUB	Radon-222	9.04E-01		1.52E-01	2.45E-02	1.27E+05	1.27E+07
BP-23-SUB	Radon-222	1.02E+00		1.49E-01	2.02E-02	1.27E+05	1.27E+07
BP-29-SUB	Radon-222	9.93E-01		3.82E-01	1.85E-01	1.27E+05	1.27E+07
BP-34-SUB	Radon-222	1.22E+00		2.04E-01	2.64E-02	1.27E+05	1.27E+07
BP-35-SUB	Radon-222	1.15E+00		1.69E-01	2.22E-02	1.27E+05	1.27E+07
BP-38-SUB	Radon-222	9.72E-01		1.64E-01	2.79E-02	1.27E+05	1.27E+07
BP-43-SUB	Radon-222	1.06E+00		1.57E-01	2.79E-02	1.27E+05	1.27E+07
BP-45-SUB	Radon-222	1.12E+00		1.87E-01	2.58E-02	1.27E+05	1.27E+07
BP-46-SUB	Radon-222	1.19E+00		1.76E-01	2.97E-02	1.27E+05	1.27E+07
BP-48-SUB	Radon-222	9.34E-01		1.57E-01	2.44E-02	1.27E+05	1.27E+07
BP-50-SUB	Radon-222	1.03E+00		1.52E-01	2.48E-02	1.27E+05	1.27E+07
BP-51-SUB	Radon-222	1.32E+00		2.20E-01	2.64E-02	1.27E+05	1.27E+07

Notes:

pCi/g - Picocuries per gram of dry soil. Analyses for H-3, C-14, Tc-99, and I-129 are reported in units of pCi per gram of "as-received" soil.

MDC - Minimum Detectable Concentration

PRG - Preliminary Remediation Goal

Uncertainty - Reported at the 1.96σ Confidence Interval. Gamma Spec. Reported at the 2σ Confidence Interval.

Data Qualifiers:

B - Analyte present, but not detected substantially above the level reported in laboratory or field blanks.

J - The analyte was detected at the reported concentration: the quantitation is an estimate.

K - Analyte present. Reported value may be biased high. Actual value is expected to be lower.

L - Analyte present. Reported value may be biased low. Actual value is expected to be higher.

R - The result is rejected due to serious deficiences in the ability to analyze the sample and meet the Quality Control criteria.

U - Not considered detected. The associated number is the reported concentration.

UJ - Not considered detected. The associated number is the reported concentration which may be inaccurate.

UL - Not considered detected. The associated number is the reported concentration which may be inaccurate due to a low bias.

X - Excluded. The data point is associated with reanalyses or diluted analyses and is excluded because another result has been selecetd as the definitive result for the analyte

These results are qualified based on the usability of the data for its intended purpose, which is to develop a statistical profile against which to compare individual on-site sample results, to determine the extent of potential site contamination that may be attributable to site activities.

Table 28 - Sodium-22 Analytical Results

Sample ID	Analyte	Result (pCi/g)	Qualifier(s)	Uncertainty (+/- pCi/g)	MDC (pCi/g)	Agricultural 10^{-6} PRG (pCi/g)	Agricultural 10^{-4} PRG (pCi/g)
Lang Ranch Surface Samples (Chatsworth Formation)							
LR-1-SUR	Sodium-22	5.70E-03		4.45E-03	7.21E-03	8.52E-02	8.52E+00
LR-2-SUR	Sodium-22	-1.10E-02	RU	6.40E-03	1.03E-02	8.52E-02	8.52E+00
LR-3-SUR	Sodium-22	9.13E-03		8.19E-03	7.98E-03	8.52E-02	8.52E+00
LR-4-SUR	Sodium-22	-8.71E-03	UL	6.22E-03	1.01E-02	8.52E-02	8.52E+00
LR-5-SUR	Sodium-22	-4.71E-04	U	7.84E-03	1.30E-02	8.52E-02	8.52E+00
LR-6-SUR	Sodium-22	-4.36E-03	U	6.53E-03	1.08E-02	8.52E-02	8.52E+00
LR-7-SUR	Sodium-22	5.60E-03		5.10E-03	8.31E-03	8.52E-02	8.52E+00
LR-8-SUR	Sodium-22	-5.72E-06	U	5.69E-03	9.48E-03	8.52E-02	8.52E+00
LR-9-SUR	Sodium-22	-5.22E-03	U	6.28E-03	1.03E-02	8.52E-02	8.52E+00
LR-10-SUR	Sodium-22	-3.43E-03	U	7.93E-03	1.19E-02	8.52E-02	8.52E+00
LR-11-SUR	Sodium-22	-3.13E-04	U	2.43E-02	1.19E-02	8.52E-02	8.52E+00
LR-12-SUR	Sodium-22	-2.11E-03	U	1.05E-02	9.11E-03	8.52E-02	8.52E+00
LR-13-SUR	Sodium-22	-6.52E-03	U	7.44E-03	1.00E-02	8.52E-02	8.52E+00
LR-14-SUR	Sodium-22	-6.01E-03	U	7.02E-03	9.34E-03	8.52E-02	8.52E+00
LR-15-SUR	Sodium-22	-5.93E-03	U	8.16E-03	1.07E-02	8.52E-02	8.52E+00
LR-16-SUR	Sodium-22	3.86E-02		4.75E-03	9.63E-03	8.52E-02	8.52E+00
LR-17-SUR	Sodium-22	-4.93E-04	U	1.01E-01	9.02E-03	8.52E-02	8.52E+00
LR-18-SUR	Sodium-22	-3.77E-03	U	8.66E-03	1.00E-02	8.52E-02	8.52E+00
LR-19-SUR	Sodium-22	-7.05E-03	UL	6.52E-03	1.06E-02	8.52E-02	8.52E+00
LR-20-SUR	Sodium-22	-8.40E-03	UL	7.71E-03	1.06E-02	8.52E-02	8.52E+00
LR-21-SUR	Sodium-22	-3.30E-03	U	6.35E-03	1.05E-02	8.52E-02	8.52E+00
LR-22-SUR	Sodium-22	9.54E-03		4.58E-03	7.16E-03	8.52E-02	8.52E+00
LR-23-SUR	Sodium-22	-5.51E-03	U	6.08E-03	9.96E-03	8.52E-02	8.52E+00
LR-24-SUR	Sodium-22	-5.07E-03	U	5.91E-03	9.69E-03	8.52E-02	8.52E+00
LR-25-SUR	Sodium-22	-9.47E-03	UL	6.42E-03	1.04E-02	8.52E-02	8.52E+00
LR-26-SUR	Sodium-22	-7.39E-03	UL	6.50E-03	1.06E-02	8.52E-02	8.52E+00
LR-27-SUR	Sodium-22	-4.24E-03	U	6.42E-03	1.06E-02	8.52E-02	8.52E+00
Lang Ranch Subsurface Samples (Chatsworth Formation)							
LR-3-SUB	Sodium-22	-8.28E-03	UL	6.35E-03	1.03E-02	8.52E-02	8.52E+00
LR-4-SUB	Sodium-22	2.17E-03	U	4.05E-03	6.69E-03	8.52E-02	8.52E+00
LR-9-SUB	Sodium-22	5.55E-03		4.09E-03	6.60E-03	8.52E-02	8.52E+00
LR-13-SUB	Sodium-22	-1.22E-04	U	7.86E-03	1.31E-02	8.52E-02	8.52E+00
LR-15-SUB	Sodium-22	-1.55E-03	U	9.96E-03	1.31E-02	8.52E-02	8.52E+00
LR-18-SUB	Sodium-22	9.38E-06	U	5.78E-03	9.65E-03	8.52E-02	8.52E+00
LR-19-SUB	Sodium-22	-2.79E-03	U	8.06E-03	1.19E-02	8.52E-02	8.52E+00
LR-23-SUB	Sodium-22	-7.01E-03	U	7.29E-03	1.19E-02	8.52E-02	8.52E+00
LR-24-SUB	Sodium-22	-9.14E-03	UL	7.22E-03	1.07E-02	8.52E-02	8.52E+00
LR-26-SUB	Sodium-22	-4.10E-04	U	1.64E-02	1.34E-02	8.52E-02	8.52E+00
Rocky Peak Surface Samples (Chatsworth Formation)							
RP-1-SUR	Sodium-22	9.73E-04	U	5.36E-03	8.91E-03	8.52E-02	8.52E+00
RP-2-SUR	Sodium-22	-3.03E-03	U	8.01E-03	9.33E-03	8.52E-02	8.52E+00
RP-3-SUR	Sodium-22	-2.71E-03	U	6.25E-03	1.03E-02	8.52E-02	8.52E+00
RP-4-SUR	Sodium-22	-1.05E-04	U	7.52E-03	8.25E-03	8.52E-02	8.52E+00
RP-5-SUR	Sodium-22	-5.89E-03	U	6.68E-03	9.21E-03	8.52E-02	8.52E+00
RP-6-SUR	Sodium-22	-5.49E-03	U	6.95E-03	9.42E-03	8.52E-02	8.52E+00
RP-7-SUR	Sodium-22	8.37E-03		6.86E-03	7.21E-03	8.52E-02	8.52E+00
RP-8-SUR	Sodium-22	-1.32E-04	U	7.89E-03	1.31E-02	8.52E-02	8.52E+00
RP-9-SUR	Sodium-22	-4.17E-04	U	5.36E-03	8.91E-03	8.52E-02	8.52E+00
RP-10-SUR	Sodium-22	-7.11E-03	UL	6.86E-03	9.69E-03	8.52E-02	8.52E+00
RP-11-SUR	Sodium-22	-5.86E-03	U	6.33E-03	1.04E-02	8.52E-02	8.52E+00
RP-12-SUR	Sodium-22	0.00E+00	U	5.13E-03	8.56E-03	8.52E-02	8.52E+00
RP-13-SUR	Sodium-22	-1.30E-03	U	1.04E-02	8.09E-03	8.52E-02	8.52E+00
RP-14-SUR	Sodium-22	-5.47E-03	U	6.13E-03	8.43E-03	8.52E-02	8.52E+00
RP-15-SUR	Sodium-22	-6.70E-03	UL	6.23E-03	8.77E-03	8.52E-02	8.52E+00
RP-16-SUR	Sodium-22	-1.86E-04	U	1.18E-02	8.66E-03	8.52E-02	8.52E+00
RP-17-SUR	Sodium-22	-4.30E-04	U	8.39E-02	8.89E-03	8.52E-02	8.52E+00
RP-18-SUR	Sodium-22	-6.21E-04	U	5.42E-02	8.79E-03	8.52E-02	8.52E+00
RP-19-SUR	Sodium-22	2.69E-03	U	3.96E-03	6.53E-03	8.52E-02	8.52E+00
RP-20-SUR	Sodium-22	-4.72E-03	U	9.06E-03	1.08E-02	8.52E-02	8.52E+00
RP-21-SUR	Sodium-22	-3.98E-04	U	1.96E-02	7.86E-03	8.52E-02	8.52E+00

Table 28 - Sodium-22 Analytical Results

Sample ID	Analyte	Result (pCi/g)	Qualifier(s)	Uncertainty (+/- pCi/g)	MDC (pCi/g)	Agricultural 10^{-6} PRG (pCi/g)	Agricultural 10^{-4} PRG (pCi/g)
RP-22-SUR	Sodium-22	-3.35E-03	U	8.26E-03	9.22E-03	8.52E-02	8.52E+00
RP-23-SUR	Sodium-22	-5.33E-03	U	6.92E-03	1.14E-02	8.52E-02	8.52E+00
RP-24-SUR	Sodium-22	-5.03E-04	U	4.90E-03	8.16E-03	8.52E-02	8.52E+00
RP-25-SUR	Sodium-22	7.01E-03		4.29E-03	6.85E-03	8.52E-02	8.52E+00
RP-26-SUR	Sodium-22	2.54E-04	U	5.30E-03	8.82E-03	8.52E-02	8.52E+00
RP-27-SUR	Sodium-22	-4.63E-03	U	5.98E-03	9.82E-03	8.52E-02	8.52E+00
RP-28-SUR	Sodium-22	-4.39E-05	U	5.39E-03	8.98E-03	8.52E-02	8.52E+00
Rocky Peak Subsurface Samples (Chatsworth Formation)							
RP-1-SUB	Sodium-22	-3.47E-03	U	5.25E-03	8.65E-03	8.52E-02	8.52E+00
RP-5-SUB	Sodium-22	4.83E-03		4.56E-03	7.45E-03	8.52E-02	8.52E+00
RP-7-SUB	Sodium-22	0.00E+00	U	5.67E-03	9.47E-03	8.52E-02	8.52E+00
RP-12-SUB	Sodium-22	-2.53E-03	U	7.71E-03	8.17E-03	8.52E-02	8.52E+00
RP-13-SUB	Sodium-22	-3.99E-04	U	3.10E-02	1.12E-02	8.52E-02	8.52E+00
RP-17-SUB	Sodium-22	-6.98E-03	UL	6.60E-03	9.25E-03	8.52E-02	8.52E+00
RP-18-SUB	Sodium-22	-5.46E-04	U	6.91E-03	1.15E-02	8.52E-02	8.52E+00
RP-19-SUB	Sodium-22	-1.06E-04	U	6.76E-03	1.12E-02	8.52E-02	8.52E+00
RP-20-SUB	Sodium-22	-6.14E-03	UL	5.51E-03	8.98E-03	8.52E-02	8.52E+00
RP-28-SUB	Sodium-22	-4.33E-03	U	5.67E-03	9.32E-03	8.52E-02	8.52E+00
Bridle Path Surface Samples (Santa Susana Formation)							
BP-1-SUR	Sodium-22	-2.87E-04	U	9.24E-02	9.82E-03	8.52E-02	8.52E+00
BP-2-SUR	Sodium-22	6.82E-04	U	5.69E-03	9.48E-03	8.52E-02	8.52E+00
BP-3-SUR	Sodium-22	-9.46E-03	UL	6.45E-03	9.84E-03	8.52E-02	8.52E+00
BP-4-SUR	Sodium-22	0.00E+00	U	6.02E-03	1.00E-02	8.52E-02	8.52E+00
BP-5-SUR	Sodium-22	-1.52E-04	U	2.28E-02	9.95E-03	8.52E-02	8.52E+00
BP-6-SUR	Sodium-22	-8.33E-03	UL	6.73E-03	1.03E-02	8.52E-02	8.52E+00
BP-7-SUR	Sodium-22	0.00E+00	U	4.86E-03	8.12E-03	8.52E-02	8.52E+00
BP-8-SUR	Sodium-22	-9.78E-03	RU	6.30E-03	1.01E-02	8.52E-02	8.52E+00
BP-9-SUR	Sodium-22	-9.86E-03	RU	6.06E-03	9.71E-03	8.52E-02	8.52E+00
BP-10-SUR	Sodium-22	-2.54E-04	U	6.47E-03	1.02E-02	8.52E-02	8.52E+00
BP-11-SUR	Sodium-22	-5.82E-03	U	6.04E-03	9.85E-03	8.52E-02	8.52E+00
BP-12-SUR	Sodium-22	-4.15E-03	U	6.35E-03	1.04E-02	8.52E-02	8.52E+00
BP-13-SUR	Sodium-22	2.59E-04	U	8.47E-03	1.41E-02	8.52E-02	8.52E+00
BP-14-SUR	Sodium-22	-4.41E-04	U	4.74E-03	7.65E-03	8.52E-02	8.52E+00
BP-15-SUR	Sodium-22	-1.15E-03	U	5.66E-03	9.28E-03	8.52E-02	8.52E+00
BP-16-SUR	Sodium-22	-9.30E-03	RU	6.09E-03	9.79E-03	8.52E-02	8.52E+00
BP-17-SUR	Sodium-22	3.30E-03	U	4.17E-03	6.85E-03	8.52E-02	8.52E+00
BP-18-SUR	Sodium-22	-1.99E-03	U	5.87E-03	9.29E-03	8.52E-02	8.52E+00
BP-19-SUR	Sodium-22	6.47E-03	U	1.12E-02	1.04E-02	8.52E-02	8.52E+00
BP-20-SUR	Sodium-22	2.02E-03	U	4.56E-03	7.55E-03	8.52E-02	8.52E+00
BP-21-SUR	Sodium-22	-1.01E-02	RU	6.55E-03	1.05E-02	8.52E-02	8.52E+00
BP-22-SUR	Sodium-22	-4.24E-04	U	4.60E-02	1.11E-02	8.52E-02	8.52E+00
BP-23-SUR	Sodium-22	-2.07E-03	U	6.56E-03	1.09E-02	8.52E-02	8.52E+00
BP-24-SUR	Sodium-22	-3.45E-03	U	6.59E-03	1.09E-02	8.52E-02	8.52E+00
BP-25-SUR	Sodium-22	-2.19E-03	U	6.50E-03	1.08E-02	8.52E-02	8.52E+00
BP-26-SUR	Sodium-22	8.46E-03		4.68E-03	7.44E-03	8.52E-02	8.52E+00
BP-27-SUR	Sodium-22	-7.55E-03	UL	6.63E-03	1.08E-02	8.52E-02	8.52E+00
BP-28-SUR	Sodium-22	1.08E-03	U	6.23E-03	1.04E-02	8.52E-02	8.52E+00
BP-29-SUR	Sodium-22	-4.07E-03	U	6.44E-03	1.06E-02	8.52E-02	8.52E+00
BP-30-SUR	Sodium-22	-9.02E-03	UL	6.42E-03	1.00E-02	8.52E-02	8.52E+00
BP-31-SUR	Sodium-22	8.44E-03		4.31E-03	6.80E-03	8.52E-02	8.52E+00
BP-32-SUR	Sodium-22	-3.15E-03	U	6.58E-03	1.09E-02	8.52E-02	8.52E+00
BP-33-SUR	Sodium-22	-8.97E-03	UL	6.62E-03	1.07E-02	8.52E-02	8.52E+00
BP-34-SUR	Sodium-22	3.04E-03	U	6.64E-03	1.10E-02	8.52E-02	8.52E+00
BP-35-SUR	Sodium-22	-7.16E-03	UL	5.97E-03	9.63E-03	8.52E-02	8.52E+00
BP-36-SUR	Sodium-22	-7.10E-03	UL	6.66E-03	9.76E-03	8.52E-02	8.52E+00
BP-37-SUR	Sodium-22	-6.67E-03	UL	6.09E-03	9.93E-03	8.52E-02	8.52E+00
BP-38-SUR	Sodium-22	0.00E+00	U	6.05E-03	1.01E-02	8.52E-02	8.52E+00
BP-39-SUR	Sodium-22	3.37E-03	U	4.86E-03	8.00E-03	8.52E-02	8.52E+00
BP-40-SUR	Sodium-22	-4.12E-06	U	1.65E-04	1.30E-02	8.52E-02	8.52E+00
BP-41-SUR	Sodium-22	-6.12E-03	U	7.09E-03	1.06E-02	8.52E-02	8.52E+00
BP-42-SUR	Sodium-22	-6.79E-03	UL	6.04E-03	9.83E-03	8.52E-02	8.52E+00

Table 28 - Sodium-22 Analytical Results

Sample ID	Analyte	Result (pCi/g)	Qualifier(s)	Uncertainty (+/- pCi/g)	MDC (pCi/g)	Agricultural 10^{-6} PRG (pCi/g)	Agricultural 10^{-4} PRG (pCi/g)
BP-43-SUR	Sodium-22	-4.92E-03	U	6.78E-03	1.00E-02	8.52E-02	8.52E+00
BP-44-SUR	Sodium-22	-4.26E-04	U	6.38E-03	1.04E-02	8.52E-02	8.52E+00
BP-45-SUR	Sodium-22	4.76E-04	U	6.39E-03	1.06E-02	8.52E-02	8.52E+00
BP-46-SUR	Sodium-22	1.22E-03	U	5.97E-03	9.92E-03	8.52E-02	8.52E+00
BP-47-SUR	Sodium-22	-3.35E-03	U	5.77E-03	9.52E-03	8.52E-02	8.52E+00
BP-48-SUR	Sodium-22	-7.20E-03	U	7.58E-03	1.16E-02	8.52E-02	8.52E+00
BP-49-SUR	Sodium-22	8.27E-04	U	5.65E-03	9.39E-03	8.52E-02	8.52E+00
BP-50-SUR	Sodium-22	-5.96E-03	U	6.60E-03	1.01E-02	8.52E-02	8.52E+00
BP-51-SUR	Sodium-22	-5.02E-03	U	5.44E-03	8.92E-03	8.52E-02	8.52E+00
BP-52-SUR	Sodium-22	-3.76E-03	U	5.33E-03	8.77E-03	8.52E-02	8.52E+00
BP-53-SUR	Sodium-22	-6.29E-03	U	7.07E-03	1.07E-02	8.52E-02	8.52E+00
BP-54-SUR	Sodium-22	-2.42E-03	U	5.16E-03	8.52E-03	8.52E-02	8.52E+00
Bridle Path Subsurface Samples (Santa Susana Formation)							
BP-3-SUB	Sodium-22	-4.54E-03	U	5.52E-03	9.07E-03	8.52E-02	8.52E+00
BP-4-SUB	Sodium-22	-4.02E-04	U	7.53E-03	1.25E-02	8.52E-02	8.52E+00
BP-5-SUB	Sodium-22	-8.54E-03	UL	6.29E-03	9.64E-03	8.52E-02	8.52E+00
BP-9-SUB	Sodium-22	2.95E-04	U	5.06E-03	8.42E-03	8.52E-02	8.52E+00
BP-12-SUB	Sodium-22	-9.80E-04	U	8.07E-03	9.02E-03	8.52E-02	8.52E+00
BP-13-SUB	Sodium-22	-3.29E-03	U	6.18E-03	1.02E-02	8.52E-02	8.52E+00
BP-14-SUB	Sodium-22	-4.74E-03	U	6.58E-03	1.08E-02	8.52E-02	8.52E+00
BP-16-SUB	Sodium-22	-3.29E-03	U	7.73E-03	8.64E-03	8.52E-02	8.52E+00
BP-20-SUB	Sodium-22	0.00E+00	U	7.51E-03	1.25E-02	8.52E-02	8.52E+00
BP-23-SUB	Sodium-22	2.85E-03	U	4.06E-03	6.70E-03	8.52E-02	8.52E+00
BP-29-SUB	Sodium-22	0.00E+00	U	1.76E-01	3.22E-01	8.52E-02	8.52E+00
BP-34-SUB	Sodium-22	-7.65E-03	UL	6.49E-03	1.06E-02	8.52E-02	8.52E+00
BP-35-SUB	Sodium-22	-3.04E-03	U	8.15E-03	8.70E-03	8.52E-02	8.52E+00
BP-38-SUB	Sodium-22	-5.32E-03	U	6.97E-03	1.15E-02	8.52E-02	8.52E+00
BP-43-SUB	Sodium-22	-6.99E-03	UL	6.72E-03	1.02E-02	8.52E-02	8.52E+00
BP-45-SUB	Sodium-22	-8.78E-03	UL	6.10E-03	9.83E-03	8.52E-02	8.52E+00
BP-46-SUB	Sodium-22	-5.13E-03	U	8.15E-03	1.19E-02	8.52E-02	8.52E+00
BP-48-SUB	Sodium-22	-4.56E-03	U	6.39E-03	1.05E-02	8.52E-02	8.52E+00
BP-50-SUB	Sodium-22	-5.19E-03	U	6.86E-03	1.02E-02	8.52E-02	8.52E+00
BP-51-SUB	Sodium-22	2.34E-04	U	7.77E-03	1.29E-02	8.52E-02	8.52E+00

Notes:

pCi/g - Picocuries per gram of dry soil. Analyses for H-3, C-14, Tc-99, and I-129 are reported in units of pCi per gram of "as-received" soil.

MDC - Minimum Detectable Concentration

PRG - Preliminary Remediation Goal

Uncertainty - Reported at the 1.96σ Confidence Interval. Gamma Spec. Reported at the 2σ Confidence Interval.

Data Qualifiers:

B - Analyte present, but not detected substantially above the level reported in laboratory or field blanks.

J - The analyte was detected at the reported concentration: the quantitation is an estimate.

K - Analyte present. Reported value may be biased high. Actual value is expected to be lower.

L - Analyte present. Reported value may be biased low. Actual value is expected to be higher.

R - The result is rejected due to serious deficiences in the ability to analyze the sample and meet the Quality Control criteria.

U - Not considered detected. The associated number is the reported concentration.

UJ - Not considered detected. The associated number is the reported concentration which may be inaccurate.

UL - Not considered detected. The associated number is the reported concentration which may be inaccurate due to a low bias.

X - Excluded. The data point is associated with reanalyses or diluted analyses and is excluded because another result has been selecetd as the definitive result for the analyte

These results are qualified based on the usability of the data for its intended purpose, which is to develop a statistical profile against which to compare individual on-site sample results, to determine the extent of potential site contamination that may be attributable to site activities.

Table 29 - Tellurium-125m Analytical Results

Sample ID	Analyte	Result (pCi/g)	Qualifier(s)	Uncertainty (+/- pCi/g)	MDC (pCi/g)	Agricultural 10^{-6} PRG (pCi/g)	Agricultural 10^{-4} PRG (pCi/g)
Lang Ranch Surface Samples (Chatsworth Formation)							
LR-1-SUR	Tellurium-125m	3.60E-02	K	4.97E-03	6.07E-03	3.20E+01	3.20E+03
LR-2-SUR	Tellurium-125m	3.43E-02	K	4.82E-03	6.07E-03	3.20E+01	3.20E+03
LR-3-SUR	Tellurium-125m	3.74E-02	K	5.14E-03	6.18E-03	3.20E+01	3.20E+03
LR-4-SUR	Tellurium-125m	3.60E-02	K	5.08E-03	5.59E-03	3.20E+01	3.20E+03
LR-5-SUR	Tellurium-125m	3.55E-02	K	4.92E-03	6.18E-03	3.20E+01	3.20E+03
LR-6-SUR	Tellurium-125m	3.43E-02	K	4.90E-03	6.30E-03	3.20E+01	3.20E+03
LR-7-SUR	Tellurium-125m	3.63E-02	K	5.02E-03	6.01E-03	3.20E+01	3.20E+03
LR-8-SUR	Tellurium-125m	3.25E-02	K	4.60E-03	5.78E-03	3.20E+01	3.20E+03
LR-9-SUR	Tellurium-125m	3.61E-02	K	5.03E-03	5.09E-03	3.20E+01	3.20E+03
LR-10-SUR	Tellurium-125m	4.02E-02	K	5.93E-03	5.30E-03	3.20E+01	3.20E+03
LR-11-SUR	Tellurium-125m	3.79E-02	K	5.55E-03	5.74E-03	3.20E+01	3.20E+03
LR-12-SUR	Tellurium-125m	3.32E-02	K	4.73E-03	5.96E-03	3.20E+01	3.20E+03
LR-13-SUR	Tellurium-125m	3.29E-02	K	4.66E-03	5.99E-03	3.20E+01	3.20E+03
LR-14-SUR	Tellurium-125m	2.49E-02	K	3.62E-03	5.78E-03	3.20E+01	3.20E+03
LR-15-SUR	Tellurium-125m	3.76E-02	K	5.20E-03	6.16E-03	3.20E+01	3.20E+03
LR-16-SUR	Tellurium-125m	3.42E-02	K	4.61E-03	5.85E-03	3.20E+01	3.20E+03
LR-17-SUR	Tellurium-125m	3.66E-02	K	4.94E-03	5.30E-03	3.20E+01	3.20E+03
LR-18-SUR	Tellurium-125m	3.83E-02	K	5.19E-03	4.84E-03	3.20E+01	3.20E+03
LR-19-SUR	Tellurium-125m	3.82E-02	K	5.29E-03	6.26E-03	3.20E+01	3.20E+03
LR-20-SUR	Tellurium-125m	3.82E-02	K	5.31E-03	6.45E-03	3.20E+01	3.20E+03
LR-21-SUR	Tellurium-125m	3.76E-02	K	5.21E-03	6.32E-03	3.20E+01	3.20E+03
LR-22-SUR	Tellurium-125m	3.85E-02	K	5.26E-03	5.68E-03	3.20E+01	3.20E+03
LR-23-SUR	Tellurium-125m	3.69E-02	K	5.02E-03	5.92E-03	3.20E+01	3.20E+03
LR-24-SUR	Tellurium-125m	3.49E-02	K	4.86E-03	6.01E-03	3.20E+01	3.20E+03
LR-25-SUR	Tellurium-125m	3.36E-02	K	4.75E-03	5.75E-03	3.20E+01	3.20E+03
LR-26-SUR	Tellurium-125m	3.95E-02	K	6.60E-03	6.18E-03	3.20E+01	3.20E+03
LR-27-SUR	Tellurium-125m	3.43E-02	K	4.80E-03	5.84E-03	3.20E+01	3.20E+03
Lang Ranch Subsurface Samples (Chatsworth Formation)							
LR-3-SUB	Tellurium-125m	3.85E-02	K	5.22E-03	6.32E-03	3.20E+01	3.20E+03
LR-4-SUB	Tellurium-125m	3.90E-02	K	5.17E-03	5.82E-03	3.20E+01	3.20E+03
LR-9-SUB	Tellurium-125m	4.13E-02	K	5.43E-03	6.00E-03	3.20E+01	3.20E+03
LR-13-SUB	Tellurium-125m	4.10E-02	K	5.51E-03	4.17E-03	3.20E+01	3.20E+03
LR-15-SUB	Tellurium-125m	4.70E-02	K	6.61E-03	7.27E-03	3.20E+01	3.20E+03
LR-18-SUB	Tellurium-125m	4.32E-02	K	6.08E-03	6.90E-03	3.20E+01	3.20E+03
LR-19-SUB	Tellurium-125m	4.55E-02	K	6.36E-03	6.98E-03	3.20E+01	3.20E+03
LR-23-SUB	Tellurium-125m	5.39E-02	K	7.37E-03	7.49E-03	3.20E+01	3.20E+03
LR-24-SUB	Tellurium-125m	4.00E-02	K	5.69E-03	6.50E-03	3.20E+01	3.20E+03
LR-26-SUB	Tellurium-125m	4.31E-02	K	5.96E-03	6.67E-03	3.20E+01	3.20E+03
Rocky Peak Surface Samples (Chatsworth Formation)							
RP-1-SUR	Tellurium-125m	2.74E-02	K	4.00E-03	4.60E-03	3.20E+01	3.20E+03
RP-2-SUR	Tellurium-125m	2.74E-02	K	3.97E-03	4.90E-03	3.20E+01	3.20E+03
RP-3-SUR	Tellurium-125m	2.94E-02	K	4.38E-03	4.23E-03	3.20E+01	3.20E+03
RP-4-SUR	Tellurium-125m	2.76E-02	K	3.99E-03	5.08E-03	3.20E+01	3.20E+03
RP-5-SUR	Tellurium-125m	2.80E-02	K	4.10E-03	5.22E-03	3.20E+01	3.20E+03
RP-6-SUR	Tellurium-125m	2.68E-02	K	4.04E-03	5.28E-03	3.20E+01	3.20E+03
RP-7-SUR	Tellurium-125m	2.92E-02	K	4.44E-03	5.34E-03	3.20E+01	3.20E+03
RP-8-SUR	Tellurium-125m	3.06E-02	K	4.71E-03	6.18E-03	3.20E+01	3.20E+03
RP-9-SUR	Tellurium-125m	2.79E-02	K	3.74E-03	4.88E-03	3.20E+01	3.20E+03
RP-10-SUR	Tellurium-125m	2.75E-02	K	4.01E-03	5.38E-03	3.20E+01	3.20E+03
RP-11-SUR	Tellurium-125m	3.30E-02	K	4.85E-03	6.01E-03	3.20E+01	3.20E+03
RP-12-SUR	Tellurium-125m	2.10E-02	K	3.02E-03	5.00E-03	3.20E+01	3.20E+03
RP-13-SUR	Tellurium-125m	2.46E-02	K	3.60E-03	4.82E-03	3.20E+01	3.20E+03
RP-14-SUR	Tellurium-125m	2.78E-02	K	3.97E-03	5.01E-03	3.20E+01	3.20E+03
RP-15-SUR	Tellurium-125m	2.70E-02	K	4.59E-03	5.15E-03	3.20E+01	3.20E+03
RP-16-SUR	Tellurium-125m	2.54E-02	K	3.71E-03	4.80E-03	3.20E+01	3.20E+03
RP-17-SUR	Tellurium-125m	2.67E-02	K	3.87E-03	5.11E-03	3.20E+01	3.20E+03
RP-18-SUR	Tellurium-125m	2.73E-02	K	3.98E-03	4.83E-03	3.20E+01	3.20E+03
RP-19-SUR	Tellurium-125m	2.82E-02	K	4.08E-03	5.08E-03	3.20E+01	3.20E+03
RP-20-SUR	Tellurium-125m	3.51E-02	K	5.16E-03	6.17E-03	3.20E+01	3.20E+03
RP-21-SUR	Tellurium-125m	2.95E-02	K	5.07E-03	4.59E-03	3.20E+01	3.20E+03

Table 29 - Tellurium-125m Analytical Results

Sample ID	Analyte	Result (pCi/g)	Qualifier(s)	Uncertainty (+/- pCi/g)	MDC (pCi/g)	Agricultural 10^{-6} PRG (pCi/g)	Agricultural 10^{-4} PRG (pCi/g)
RP-22-SUR	Tellurium-125m	2.58E-02	K	3.83E-03	5.10E-03	3.20E+01	3.20E+03
RP-23-SUR	Tellurium-125m	3.52E-03	BK	3.04E-03	4.94E-03	3.20E+01	3.20E+03
RP-24-SUR	Tellurium-125m	2.49E-02	K	3.72E-03	4.85E-03	3.20E+01	3.20E+03
RP-25-SUR	Tellurium-125m	2.80E-02	K	4.12E-03	4.79E-03	3.20E+01	3.20E+03
RP-26-SUR	Tellurium-125m	2.76E-02	K	4.02E-03	5.39E-03	3.20E+01	3.20E+03
RP-27-SUR	Tellurium-125m	3.49E-02	K	5.18E-03	5.29E-03	3.20E+01	3.20E+03
RP-28-SUR	Tellurium-125m	3.00E-02	K	4.31E-03	5.62E-03	3.20E+01	3.20E+03
Rocky Peak Subsurface Samples (Chatsworth Formation)							
RP-1-SUB	Tellurium-125m	2.63E-02	K	3.82E-03	4.73E-03	3.20E+01	3.20E+03
RP-5-SUB	Tellurium-125m	2.97E-02	K	4.25E-03	5.57E-03	3.20E+01	3.20E+03
RP-7-SUB	Tellurium-125m	2.75E-02	K	4.07E-03	5.48E-03	3.20E+01	3.20E+03
RP-12-SUB	Tellurium-125m	2.51E-02	K	3.71E-03	4.90E-03	3.20E+01	3.20E+03
RP-13-SUB	Tellurium-125m	3.08E-02	K	4.39E-03	5.32E-03	3.20E+01	3.20E+03
RP-17-SUB	Tellurium-125m	3.26E-02	K	4.49E-03	5.29E-03	3.20E+01	3.20E+03
RP-18-SUB	Tellurium-125m	3.43E-02	K	4.69E-03	4.50E-03	3.20E+01	3.20E+03
RP-19-SUB	Tellurium-125m	2.94E-02	K	4.17E-03	5.33E-03	3.20E+01	3.20E+03
RP-20-SUB	Tellurium-125m	3.81E-03	BK	3.15E-03	3.81E-03	3.20E+01	3.20E+03
RP-28-SUB	Tellurium-125m	2.83E-02	K	4.06E-03	5.33E-03	3.20E+01	3.20E+03
Bridle Path Surface Samples (Santa Susana Formation)							
BP-1-SUR	Tellurium-125m	4.62E-02	K	5.98E-03	6.28E-03	3.20E+01	3.20E+03
BP-2-SUR	Tellurium-125m	3.82E-02	K	5.01E-03	6.28E-03	3.20E+01	3.20E+03
BP-3-SUR	Tellurium-125m	4.98E-02	K	6.45E-03	6.48E-03	3.20E+01	3.20E+03
BP-4-SUR	Tellurium-125m	5.24E-02	K	6.70E-03	6.52E-03	3.20E+01	3.20E+03
BP-5-SUR	Tellurium-125m	5.76E-02	K	7.27E-03	6.25E-03	3.20E+01	3.20E+03
BP-6-SUR	Tellurium-125m	7.22E-03	BK	5.63E-03	5.91E-03	3.20E+01	3.20E+03
BP-7-SUR	Tellurium-125m	5.30E-02	K	6.80E-03	7.00E-03	3.20E+01	3.20E+03
BP-8-SUR	Tellurium-125m	5.29E-02	K	6.79E-03	6.67E-03	3.20E+01	3.20E+03
BP-9-SUR	Tellurium-125m	5.16E-02	K	6.61E-03	6.77E-03	3.20E+01	3.20E+03
BP-10-SUR	Tellurium-125m	5.44E-02	K	6.90E-03	6.71E-03	3.20E+01	3.20E+03
BP-11-SUR	Tellurium-125m	5.13E-02	K	6.55E-03	6.61E-03	3.20E+01	3.20E+03
BP-12-SUR	Tellurium-125m	8.39E-03	K	5.02E-03	5.40E-03	3.20E+01	3.20E+03
BP-13-SUR	Tellurium-125m	5.63E-02	K	8.22E-03	6.92E-03	3.20E+01	3.20E+03
BP-14-SUR	Tellurium-125m	4.37E-02	K	5.82E-03	6.20E-03	3.20E+01	3.20E+03
BP-15-SUR	Tellurium-125m	4.02E-02	K	5.20E-03	6.44E-03	3.20E+01	3.20E+03
BP-16-SUR	Tellurium-125m	4.59E-02	K	5.98E-03	6.49E-03	3.20E+01	3.20E+03
BP-17-SUR	Tellurium-125m	4.76E-02	K	6.14E-03	6.55E-03	3.20E+01	3.20E+03
BP-18-SUR	Tellurium-125m	5.12E-02	K	6.55E-03	6.31E-03	3.20E+01	3.20E+03
BP-19-SUR	Tellurium-125m	5.25E-02	K	6.42E-03	6.37E-03	3.20E+01	3.20E+03
BP-20-SUR	Tellurium-125m	5.31E-02	K	6.78E-03	6.74E-03	3.20E+01	3.20E+03
BP-21-SUR	Tellurium-125m	4.56E-02	K	5.92E-03	6.83E-03	3.20E+01	3.20E+03
BP-22-SUR	Tellurium-125m	5.18E-02	K	6.35E-03	6.40E-03	3.20E+01	3.20E+03
BP-23-SUR	Tellurium-125m	5.01E-02	K	6.19E-03	6.62E-03	3.20E+01	3.20E+03
BP-24-SUR	Tellurium-125m	5.32E-02	K	6.60E-03	5.44E-03	3.20E+01	3.20E+03
BP-25-SUR	Tellurium-125m	4.12E-02	K	5.26E-03	5.64E-03	3.20E+01	3.20E+03
BP-26-SUR	Tellurium-125m	4.56E-02	K	5.71E-03	5.20E-03	3.20E+01	3.20E+03
BP-27-SUR	Tellurium-125m	4.78E-02	K	6.01E-03	6.74E-03	3.20E+01	3.20E+03
BP-28-SUR	Tellurium-125m	6.01E-03	BK	4.23E-03	4.98E-03	3.20E+01	3.20E+03
BP-29-SUR	Tellurium-125m	4.38E-02	K	5.60E-03	5.81E-03	3.20E+01	3.20E+03
BP-30-SUR	Tellurium-125m	4.94E-02	K	6.69E-03	5.28E-03	3.20E+01	3.20E+03
BP-31-SUR	Tellurium-125m	3.99E-02	K	4.94E-03	6.59E-03	3.20E+01	3.20E+03
BP-32-SUR	Tellurium-125m	5.21E-02	K	6.36E-03	6.76E-03	3.20E+01	3.20E+03
BP-33-SUR	Tellurium-125m	4.63E-02	K	6.23E-03	5.96E-03	3.20E+01	3.20E+03
BP-34-SUR	Tellurium-125m	5.46E-02	K	6.71E-03	5.44E-03	3.20E+01	3.20E+03
BP-35-SUR	Tellurium-125m	4.73E-02	K	6.43E-03	5.99E-03	3.20E+01	3.20E+03
BP-36-SUR	Tellurium-125m	4.97E-02	K	6.73E-03	6.56E-03	3.20E+01	3.20E+03
BP-37-SUR	Tellurium-125m	4.45E-02	K	6.18E-03	6.62E-03	3.20E+01	3.20E+03
BP-38-SUR	Tellurium-125m	4.28E-02	K	5.98E-03	6.40E-03	3.20E+01	3.20E+03
BP-39-SUR	Tellurium-125m	4.10E-02	K	5.78E-03	6.28E-03	3.20E+01	3.20E+03
BP-40-SUR	Tellurium-125m	4.16E-02	K	5.80E-03	6.52E-03	3.20E+01	3.20E+03
BP-41-SUR	Tellurium-125m	4.48E-02	K	5.77E-03	6.49E-03	3.20E+01	3.20E+03
BP-42-SUR	Tellurium-125m	4.43E-02	K	6.17E-03	6.49E-03	3.20E+01	3.20E+03

Table 29 - Tellurium-125m Analytical Results

Sample ID	Analyte	Result (pCi/g)	Qualifier(s)	Uncertainty (+/- pCi/g)	MDC (pCi/g)	Agricultural 10^{-6} PRG (pCi/g)	Agricultural 10^{-4} PRG (pCi/g)
BP-43-SUR	Tellurium-125m	4.61E-02	K	5.82E-03	6.53E-03	3.20E+01	3.20E+03
BP-44-SUR	Tellurium-125m	4.78E-02	K	6.46E-03	6.26E-03	3.20E+01	3.20E+03
BP-45-SUR	Tellurium-125m	4.42E-02	K	5.61E-03	6.19E-03	3.20E+01	3.20E+03
BP-46-SUR	Tellurium-125m	4.15E-02	K	5.67E-03	6.41E-03	3.20E+01	3.20E+03
BP-47-SUR	Tellurium-125m	5.13E-02	K	6.05E-03	5.68E-03	3.20E+01	3.20E+03
BP-48-SUR	Tellurium-125m	7.09E-03	BK	5.28E-03	5.72E-03	3.20E+01	3.20E+03
BP-49-SUR	Tellurium-125m	4.93E-02	K	5.84E-03	5.67E-03	3.20E+01	3.20E+03
BP-50-SUR	Tellurium-125m	4.75E-02	K	6.51E-03	6.36E-03	3.20E+01	3.20E+03
BP-51-SUR	Tellurium-125m	4.74E-02	K	5.64E-03	5.50E-03	3.20E+01	3.20E+03
BP-52-SUR	Tellurium-125m	3.93E-02	K	4.90E-03	5.22E-03	3.20E+01	3.20E+03
BP-53-SUR	Tellurium-125m	4.06E-02	K	5.82E-03	6.50E-03	3.20E+01	3.20E+03
BP-54-SUR	Tellurium-125m	3.48E-02	K	4.36E-03	4.90E-03	3.20E+01	3.20E+03
Bridle Path Subsurface Samples (Santa Susana Formation)							
BP-3-SUB	Tellurium-125m	3.96E-02	K	4.95E-03	5.48E-03	3.20E+01	3.20E+03
BP-4-SUB	Tellurium-125m	4.46E-02	K	6.14E-03	6.43E-03	3.20E+01	3.20E+03
BP-5-SUB	Tellurium-125m	4.39E-02	K	6.10E-03	6.18E-03	3.20E+01	3.20E+03
BP-9-SUB	Tellurium-125m	5.12E-02	K	5.93E-03	5.32E-03	3.20E+01	3.20E+03
BP-12-SUB	Tellurium-125m	4.79E-02	K	6.39E-03	6.32E-03	3.20E+01	3.20E+03
BP-13-SUB	Tellurium-125m	5.38E-02	K	6.58E-03	6.11E-03	3.20E+01	3.20E+03
BP-14-SUB	Tellurium-125m	3.62E-02	K	5.33E-03	6.22E-03	3.20E+01	3.20E+03
BP-16-SUB	Tellurium-125m	5.44E-02	K	6.31E-03	5.39E-03	3.20E+01	3.20E+03
BP-20-SUB	Tellurium-125m	3.93E-02	K	5.59E-03	6.24E-03	3.20E+01	3.20E+03
BP-23-SUB	Tellurium-125m	3.55E-02	K	4.22E-03	4.22E-03	3.20E+01	3.20E+03
BP-29-SUB	Tellurium-125m	3.62E-02	U	6.71E-02	9.27E-02	3.20E+01	3.20E+03
BP-34-SUB	Tellurium-125m	5.62E-02	K	7.44E-03	6.87E-03	3.20E+01	3.20E+03
BP-35-SUB	Tellurium-125m	5.39E-02	K	6.25E-03	5.41E-03	3.20E+01	3.20E+03
BP-38-SUB	Tellurium-125m	3.88E-02	K	5.62E-03	6.71E-03	3.20E+01	3.20E+03
BP-43-SUB	Tellurium-125m	2.56E-02	K	4.13E-03	6.34E-03	3.20E+01	3.20E+03
BP-45-SUB	Tellurium-125m	5.15E-02	K	6.86E-03	6.57E-03	3.20E+01	3.20E+03
BP-46-SUB	Tellurium-125m	5.34E-02	K	6.66E-03	7.40E-03	3.20E+01	3.20E+03
BP-48-SUB	Tellurium-125m	4.37E-02	K	6.09E-03	6.38E-03	3.20E+01	3.20E+03
BP-50-SUB	Tellurium-125m	4.32E-02	K	5.41E-03	6.23E-03	3.20E+01	3.20E+03
BP-51-SUB	Tellurium-125m	6.07E-02	K	7.89E-03	6.74E-03	3.20E+01	3.20E+03

Notes:

pCi/g - Picocuries per gram of dry soil. Analyses for H-3, C-14, Tc-99, and I-129 are reported in units of pCi per gram of "as-received" soil.

MDC - Minimum Detectable Concentration

PRG - Preliminary Remediation Goal

Uncertainty - Reported at the 1.96σ Confidence Interval. Gamma Spec. Reported at the 2σ Confidence Interval.

Data Qualifiers:

B - Analyte present, but not detected substantially above the level reported in laboratory or field blanks.

J - The analyte was detected at the reported concentration: the quantitation is an estimate.

K - Analyte present. Reported value may be biased high. Actual value is expected to be lower.

L - Analyte present. Reported value may be biased low. Actual value is expected to be higher.

R - The result is rejected due to serious deficiences in the ability to analyze the sample and meet the Quality Control criteria.

U - Not considered detected. The associated number is the reported concentration.

UJ - Not considered detected. The associated number is the reported concentration which may be inaccurate.

UL - Not considered detected. The associated number is the reported concentration which may be inaccurate due to a low bias.

X - Excluded. The data point is associated with reanalyses or diluted analyses and is excluded because another result has been selecetd as the definitive result for the analyte

These results are qualified based on the usability of the data for its intended purpose, which is to develop a statistical profile against which to compare individual on-site sample results, to determine the extent of potential site contamination that may be attributable to site activities.

Table 30 - Thallium-208 Analytical Results

Sample ID	Analyte	Result (pCi/g)	Qualifier(s)	Uncertainty (+/- pCi/g)	MDC (pCi/g)	Agricultural 10^{-6} PRG (pCi/g)	Agricultural 10^{-4} PRG (pCi/g)
Lang Ranch Surface Samples (Chatsworth Formation)							
LR-1-SUR	Thallium-208	5.08E-01		5.70E-02	1.03E-02	2.26E+04	2.26E+06
LR-2-SUR	Thallium-208	4.93E-01		5.53E-02	1.02E-02	2.26E+04	2.26E+06
LR-3-SUR	Thallium-208	5.27E-01		5.90E-02	1.04E-02	2.26E+04	2.26E+06
LR-4-SUR	Thallium-208	5.10E-01		5.68E-02	9.21E-03	2.26E+04	2.26E+06
LR-5-SUR	Thallium-208	5.13E-01		5.72E-02	9.57E-03	2.26E+04	2.26E+06
LR-6-SUR	Thallium-208	5.22E-01		5.82E-02	9.43E-03	2.26E+04	2.26E+06
LR-7-SUR	Thallium-208	5.02E-01		5.59E-02	9.34E-03	2.26E+04	2.26E+06
LR-8-SUR	Thallium-208	4.97E-01		5.56E-02	9.85E-03	2.26E+04	2.26E+06
LR-9-SUR	Thallium-208	5.07E-01		5.67E-02	1.03E-02	2.26E+04	2.26E+06
LR-10-SUR	Thallium-208	5.67E-01		6.42E-02	1.13E-02	2.26E+04	2.26E+06
LR-11-SUR	Thallium-208	5.59E-01		6.32E-02	1.10E-02	2.26E+04	2.26E+06
LR-12-SUR	Thallium-208	4.72E-01		5.28E-02	9.85E-03	2.26E+04	2.26E+06
LR-13-SUR	Thallium-208	4.78E-01		5.35E-02	9.58E-03	2.26E+04	2.26E+06
LR-14-SUR	Thallium-208	4.48E-01		5.01E-02	9.10E-03	2.26E+04	2.26E+06
LR-15-SUR	Thallium-208	5.74E-01		6.38E-02	1.01E-02	2.26E+04	2.26E+06
LR-16-SUR	Thallium-208	5.46E-01		6.07E-02	9.62E-03	2.26E+04	2.26E+06
LR-17-SUR	Thallium-208	5.13E-01		5.69E-02	8.41E-03	2.26E+04	2.26E+06
LR-18-SUR	Thallium-208	5.50E-01		6.12E-02	9.81E-03	2.26E+04	2.26E+06
LR-19-SUR	Thallium-208	5.72E-01		6.36E-02	1.03E-02	2.26E+04	2.26E+06
LR-20-SUR	Thallium-208	5.75E-01		6.43E-02	1.07E-02	2.26E+04	2.26E+06
LR-21-SUR	Thallium-208	5.47E-01		6.13E-02	1.08E-02	2.26E+04	2.26E+06
LR-22-SUR	Thallium-208	5.45E-01		6.06E-02	9.54E-03	2.26E+04	2.26E+06
LR-23-SUR	Thallium-208	5.41E-01		6.03E-02	1.02E-02	2.26E+04	2.26E+06
LR-24-SUR	Thallium-208	5.27E-01		5.89E-02	1.00E-02	2.26E+04	2.26E+06
LR-25-SUR	Thallium-208	5.32E-01		5.94E-02	1.03E-02	2.26E+04	2.26E+06
LR-26-SUR	Thallium-208	5.22E-01		5.86E-02	1.07E-02	2.26E+04	2.26E+06
LR-27-SUR	Thallium-208	4.85E-01		5.46E-02	1.07E-02	2.26E+04	2.26E+06
Lang Ranch Subsurface Samples (Chatsworth Formation)							
LR-3-SUB	Thallium-208	5.66E-01		6.30E-02	1.01E-02	2.26E+04	2.26E+06
LR-4-SUB	Thallium-208	5.54E-01		6.17E-02	1.01E-02	2.26E+04	2.26E+06
LR-9-SUB	Thallium-208	5.78E-01		6.41E-02	9.53E-03	2.26E+04	2.26E+06
LR-13-SUB	Thallium-208	5.48E-01		6.11E-02	9.98E-03	2.26E+04	2.26E+06
LR-15-SUB	Thallium-208	7.33E-01		8.27E-02	1.32E-02	2.26E+04	2.26E+06
LR-18-SUB	Thallium-208	5.97E-01		6.66E-02	9.74E-03	2.26E+04	2.26E+06
LR-19-SUB	Thallium-208	6.78E-01		7.66E-02	1.26E-02	2.26E+04	2.26E+06
LR-23-SUB	Thallium-208	7.98E-01		8.97E-02	1.35E-02	2.26E+04	2.26E+06
LR-24-SUB	Thallium-208	5.90E-01		6.68E-02	1.16E-02	2.26E+04	2.26E+06
LR-26-SUB	Thallium-208	6.77E-01		7.59E-02	1.07E-02	2.26E+04	2.26E+06
Rocky Peak Surface Samples (Chatsworth Formation)							
RP-1-SUR	Thallium-208	3.87E-01		4.37E-02	8.82E-03	2.26E+04	2.26E+06
RP-2-SUR	Thallium-208	3.96E-01		4.45E-02	8.41E-03	2.26E+04	2.26E+06
RP-3-SUR	Thallium-208	4.69E-01		5.35E-02	1.04E-02	2.26E+04	2.26E+06
RP-4-SUR	Thallium-208	3.70E-01		4.18E-02	8.51E-03	2.26E+04	2.26E+06
RP-5-SUR	Thallium-208	3.83E-01		4.31E-02	8.34E-03	2.26E+04	2.26E+06
RP-6-SUR	Thallium-208	3.91E-01		4.43E-02	9.37E-03	2.26E+04	2.26E+06
RP-7-SUR	Thallium-208	4.64E-01		5.30E-02	1.08E-02	2.26E+04	2.26E+06
RP-8-SUR	Thallium-208	4.83E-01		5.55E-02	1.15E-02	2.26E+04	2.26E+06
RP-9-SUR	Thallium-208	4.51E-01		4.72E-02	9.21E-03	2.26E+04	2.26E+06
RP-10-SUR	Thallium-208	4.13E-01		4.62E-02	8.18E-03	2.26E+04	2.26E+06
RP-11-SUR	Thallium-208	5.03E-01		5.68E-02	9.68E-03	2.26E+04	2.26E+06
RP-12-SUR	Thallium-208	3.84E-01		4.32E-02	8.21E-03	2.26E+04	2.26E+06
RP-13-SUR	Thallium-208	3.64E-01		4.07E-02	7.64E-03	2.26E+04	2.26E+06
RP-14-SUR	Thallium-208	3.84E-01		4.34E-02	8.92E-03	2.26E+04	2.26E+06
RP-15-SUR	Thallium-208	3.89E-01		4.35E-02	7.76E-03	2.26E+04	2.26E+06
RP-16-SUR	Thallium-208	3.73E-01		4.20E-02	8.18E-03	2.26E+04	2.26E+06
RP-17-SUR	Thallium-208	3.88E-01		4.37E-02	8.41E-03	2.26E+04	2.26E+06
RP-18-SUR	Thallium-208	4.06E-01		4.56E-02	8.55E-03	2.26E+04	2.26E+06
RP-19-SUR	Thallium-208	4.20E-01		4.70E-02	8.36E-03	2.26E+04	2.26E+06
RP-20-SUR	Thallium-208	5.33E-01		6.06E-02	1.14E-02	2.26E+04	2.26E+06
RP-21-SUR	Thallium-208	3.77E-01		4.27E-02	9.04E-03	2.26E+04	2.26E+06

Table 30 - Thallium-208 Analytical Results

Sample ID	Analyte	Result (pCi/g)	Qualifier(s)	Uncertainty (+/- pCi/g)	MDC (pCi/g)	Agricultural 10^{-6} PRG (pCi/g)	Agricultural 10^{-4} PRG (pCi/g)
RP-22-SUR	Thallium-208	3.92E-01		4.41E-02	8.61E-03	2.26E+04	2.26E+06
RP-23-SUR	Thallium-208	4.92E-01		5.58E-02	1.03E-02	2.26E+04	2.26E+06
RP-24-SUR	Thallium-208	4.03E-01		4.52E-02	8.33E-03	2.26E+04	2.26E+06
RP-25-SUR	Thallium-208	4.06E-01		4.55E-02	8.47E-03	2.26E+04	2.26E+06
RP-26-SUR	Thallium-208	4.20E-01		4.69E-02	8.13E-03	2.26E+04	2.26E+06
RP-27-SUR	Thallium-208	4.41E-01		4.95E-02	9.09E-03	2.26E+04	2.26E+06
RP-28-SUR	Thallium-208	4.41E-01		4.96E-02	9.59E-03	2.26E+04	2.26E+06
Rocky Peak Subsurface Samples (Chatsworth Formation)							
RP-1-SUB	Thallium-208	3.81E-01		4.29E-02	8.39E-03	2.26E+04	2.26E+06
RP-5-SUB	Thallium-208	4.44E-01		4.97E-02	8.86E-03	2.26E+04	2.26E+06
RP-7-SUB	Thallium-208	4.43E-01		4.97E-02	9.22E-03	2.26E+04	2.26E+06
RP-12-SUB	Thallium-208	3.73E-01		4.18E-02	7.67E-03	2.26E+04	2.26E+06
RP-13-SUB	Thallium-208	4.49E-01		5.01E-02	8.57E-03	2.26E+04	2.26E+06
RP-17-SUB	Thallium-208	4.64E-01		5.18E-02	8.80E-03	2.26E+04	2.26E+06
RP-18-SUB	Thallium-208	4.80E-01		5.36E-02	9.18E-03	2.26E+04	2.26E+06
RP-19-SUB	Thallium-208	4.70E-01		5.23E-02	8.36E-03	2.26E+04	2.26E+06
RP-20-SUB	Thallium-208	4.57E-01		5.10E-02	8.87E-03	2.26E+04	2.26E+06
RP-28-SUB	Thallium-208	4.62E-01		5.15E-02	8.53E-03	2.26E+04	2.26E+06
Bridle Path Surface Samples (Santa Susana Formation)							
BP-1-SUR	Thallium-208	6.67E-01		7.40E-02	1.08E-02	2.26E+04	2.26E+06
BP-2-SUR	Thallium-208	6.73E-01		7.44E-02	9.99E-03	2.26E+04	2.26E+06
BP-3-SUR	Thallium-208	7.12E-01		7.89E-02	1.11E-02	2.26E+04	2.26E+06
BP-4-SUR	Thallium-208	7.72E-01		8.52E-02	1.05E-02	2.26E+04	2.26E+06
BP-5-SUR	Thallium-208	7.81E-01		8.64E-02	1.17E-02	2.26E+04	2.26E+06
BP-6-SUR	Thallium-208	8.03E-01		8.86E-02	1.09E-02	2.26E+04	2.26E+06
BP-7-SUR	Thallium-208	8.03E-01		8.89E-02	1.21E-02	2.26E+04	2.26E+06
BP-8-SUR	Thallium-208	7.84E-01		8.64E-02	1.05E-02	2.26E+04	2.26E+06
BP-9-SUR	Thallium-208	7.64E-01		8.45E-02	1.17E-02	2.26E+04	2.26E+06
BP-10-SUR	Thallium-208	7.85E-01		8.66E-02	1.07E-02	2.26E+04	2.26E+06
BP-11-SUR	Thallium-208	7.55E-01		8.36E-02	1.15E-02	2.26E+04	2.26E+06
BP-12-SUR	Thallium-208	7.46E-01		8.23E-02	1.02E-02	2.26E+04	2.26E+06
BP-13-SUR	Thallium-208	7.65E-01		7.91E-02	1.18E-02	2.26E+04	2.26E+06
BP-14-SUR	Thallium-208	6.27E-01		6.94E-02	9.87E-03	2.26E+04	2.26E+06
BP-15-SUR	Thallium-208	6.92E-01		7.65E-02	1.01E-02	2.26E+04	2.26E+06
BP-16-SUR	Thallium-208	6.89E-01		7.62E-02	1.02E-02	2.26E+04	2.26E+06
BP-17-SUR	Thallium-208	7.22E-01		8.00E-02	1.10E-02	2.26E+04	2.26E+06
BP-18-SUR	Thallium-208	7.15E-01		7.89E-02	1.03E-02	2.26E+04	2.26E+06
BP-19-SUR	Thallium-208	7.51E-01		7.74E-02	1.07E-02	2.26E+04	2.26E+06
BP-20-SUR	Thallium-208	7.95E-01		8.77E-02	1.09E-02	2.26E+04	2.26E+06
BP-21-SUR	Thallium-208	7.93E-01		8.74E-02	1.04E-02	2.26E+04	2.26E+06
BP-22-SUR	Thallium-208	7.48E-01		7.73E-02	1.15E-02	2.26E+04	2.26E+06
BP-23-SUR	Thallium-208	7.48E-01		7.74E-02	1.19E-02	2.26E+04	2.26E+06
BP-24-SUR	Thallium-208	7.47E-01		7.74E-02	1.20E-02	2.26E+04	2.26E+06
BP-25-SUR	Thallium-208	6.95E-01		7.19E-02	1.09E-02	2.26E+04	2.26E+06
BP-26-SUR	Thallium-208	6.88E-01		7.11E-02	1.05E-02	2.26E+04	2.26E+06
BP-27-SUR	Thallium-208	7.00E-01		7.24E-02	1.09E-02	2.26E+04	2.26E+06
BP-28-SUR	Thallium-208	6.27E-01		6.54E-02	1.13E-02	2.26E+04	2.26E+06
BP-29-SUR	Thallium-208	6.36E-01		6.53E-02	9.47E-03	2.26E+04	2.26E+06
BP-30-SUR	Thallium-208	7.25E-01		8.09E-02	9.86E-03	2.26E+04	2.26E+06
BP-31-SUR	Thallium-208	7.34E-01		7.58E-02	1.15E-02	2.26E+04	2.26E+06
BP-32-SUR	Thallium-208	7.69E-01		7.92E-02	1.07E-02	2.26E+04	2.26E+06
BP-33-SUR	Thallium-208	7.69E-01		8.57E-02	1.06E-02	2.26E+04	2.26E+06
BP-34-SUR	Thallium-208	7.78E-01		8.04E-02	1.19E-02	2.26E+04	2.26E+06
BP-35-SUR	Thallium-208	7.15E-01		8.03E-02	1.14E-02	2.26E+04	2.26E+06
BP-36-SUR	Thallium-208	7.07E-01		7.91E-02	1.03E-02	2.26E+04	2.26E+06
BP-37-SUR	Thallium-208	6.88E-01		7.74E-02	1.16E-02	2.26E+04	2.26E+06
BP-38-SUR	Thallium-208	6.28E-01		7.06E-02	1.07E-02	2.26E+04	2.26E+06
BP-39-SUR	Thallium-208	6.20E-01		7.00E-02	1.11E-02	2.26E+04	2.26E+06
BP-40-SUR	Thallium-208	6.29E-01		7.08E-02	1.09E-02	2.26E+04	2.26E+06
BP-41-SUR	Thallium-208	6.68E-01		6.94E-02	1.15E-02	2.26E+04	2.26E+06
BP-42-SUR	Thallium-208	6.78E-01		7.61E-02	1.12E-02	2.26E+04	2.26E+06

Table 30 - Thallium-208 Analytical Results

Sample ID	Analyte	Result (pCi/g)	Qualifier(s)	Uncertainty (+/- pCi/g)	MDC (pCi/g)	Agricultural 10^{-6} PRG (pCi/g)	Agricultural 10^{-4} PRG (pCi/g)
BP-43-SUR	Thallium-208	6.81E-01		7.06E-02	1.15E-02	2.26E+04	2.26E+06
BP-44-SUR	Thallium-208	6.73E-01		7.55E-02	1.09E-02	2.26E+04	2.26E+06
BP-45-SUR	Thallium-208	6.69E-01		6.92E-02	1.06E-02	2.26E+04	2.26E+06
BP-46-SUR	Thallium-208	6.83E-01		7.66E-02	1.11E-02	2.26E+04	2.26E+06
BP-47-SUR	Thallium-208	7.64E-01		7.86E-02	1.05E-02	2.26E+04	2.26E+06
BP-48-SUR	Thallium-208	7.63E-01		8.54E-02	1.15E-02	2.26E+04	2.26E+06
BP-49-SUR	Thallium-208	7.50E-01		7.69E-02	9.44E-03	2.26E+04	2.26E+06
BP-50-SUR	Thallium-208	7.29E-01		8.18E-02	1.14E-02	2.26E+04	2.26E+06
BP-51-SUR	Thallium-208	6.87E-01		7.06E-02	9.06E-03	2.26E+04	2.26E+06
BP-52-SUR	Thallium-208	5.95E-01		6.13E-02	8.87E-03	2.26E+04	2.26E+06
BP-53-SUR	Thallium-208	5.79E-01		6.57E-02	1.19E-02	2.26E+04	2.26E+06
BP-54-SUR	Thallium-208	5.61E-01		5.79E-02	8.28E-03	2.26E+04	2.26E+06
Bridle Path Subsurface Samples (Santa Susana Formation)							
BP-3-SUB	Thallium-208	6.16E-01		6.40E-02	1.06E-02	2.26E+04	2.26E+06
BP-4-SUB	Thallium-208	6.66E-01		7.48E-02	1.09E-02	2.26E+04	2.26E+06
BP-5-SUB	Thallium-208	6.23E-01		7.03E-02	1.09E-02	2.26E+04	2.26E+06
BP-9-SUB	Thallium-208	7.69E-01		7.89E-02	9.41E-03	2.26E+04	2.26E+06
BP-12-SUB	Thallium-208	7.58E-01		8.47E-02	1.08E-02	2.26E+04	2.26E+06
BP-13-SUB	Thallium-208	7.92E-01		8.17E-02	1.13E-02	2.26E+04	2.26E+06
BP-14-SUB	Thallium-208	5.57E-01		6.31E-02	1.08E-02	2.26E+04	2.26E+06
BP-16-SUB	Thallium-208	7.66E-01		7.88E-02	9.96E-03	2.26E+04	2.26E+06
BP-20-SUB	Thallium-208	5.93E-01		6.69E-02	1.07E-02	2.26E+04	2.26E+06
BP-23-SUB	Thallium-208	6.39E-01		6.61E-02	9.84E-03	2.26E+04	2.26E+06
BP-29-SUB	Thallium-208	7.16E-01		1.82E-01	7.02E-02	2.26E+04	2.26E+06
BP-34-SUB	Thallium-208	8.62E-01		9.65E-02	1.25E-02	2.26E+04	2.26E+06
BP-35-SUB	Thallium-208	7.96E-01		8.16E-02	9.45E-03	2.26E+04	2.26E+06
BP-38-SUB	Thallium-208	6.07E-01		6.88E-02	1.21E-02	2.26E+04	2.26E+06
BP-43-SUB	Thallium-208	5.82E-01		6.11E-02	1.21E-02	2.26E+04	2.26E+06
BP-45-SUB	Thallium-208	7.68E-01		8.59E-02	1.14E-02	2.26E+04	2.26E+06
BP-46-SUB	Thallium-208	8.16E-01		8.47E-02	1.33E-02	2.26E+04	2.26E+06
BP-48-SUB	Thallium-208	6.44E-01		7.22E-02	1.01E-02	2.26E+04	2.26E+06
BP-50-SUB	Thallium-208	6.58E-01		6.82E-02	1.08E-02	2.26E+04	2.26E+06
BP-51-SUB	Thallium-208	9.23E-01		1.03E-01	1.16E-02	2.26E+04	2.26E+06

Notes:

pCi/g - Picocuries per gram of dry soil. Analyses for H-3, C-14, Tc-99, and I-129 are reported in units of pCi per gram of "as-received" soil.

MDC - Minimum Detectable Concentration

PRG - Preliminary Remediation Goal

Uncertainty - Reported at the 1.96σ Confidence Interval. Gamma Spec. Reported at the 2σ Confidence Interval.

Data Qualifiers:

B - Analyte present, but not detected substantially above the level reported in laboratory or field blanks.

J - The analyte was detected at the reported concentration: the quantitation is an estimate.

K - Analyte present. Reported value may be biased high. Actual value is expected to be lower.

L - Analyte present. Reported value may be biased low. Actual value is expected to be higher.

R - The result is rejected due to serious deficiences in the ability to analyze the sample and meet the Quality Control criteria.

U - Not considered detected. The associated number is the reported concentration.

UJ - Not considered detected. The associated number is the reported concentration which may be inaccurate.

UL - Not considered detected. The associated number is the reported concentration which may be inaccurate due to a low bias.

X - Excluded. The data point is associated with reanalyses or diluted analyses and is excluded because another result has been selecetd as the definitive result for the analyte

These results are qualified based on the usability of the data for its intended purpose, which is to develop a statistical profile against which to compare individual on-site sample results, to determine the extent of potential site contamination that may be attributable to site activities.

Table 31 - Thorium-234 Analytical Results

Sample ID	Analyte	Result (pCi/g)	Qualifier(s)	Uncertainty (+/- pCi/g)	MDC (pCi/g)	Agricultural 10^{-6} PRG (pCi/g)	Agricultural 10^{-4} PRG (pCi/g)
Lang Ranch Surface Samples (Chatsworth Formation)							
LR-1-SUR	Thorium-234	1.46E+00		2.26E-01	2.02E-01	1.53E+01	1.53E+03
LR-2-SUR	Thorium-234	1.36E+00		2.15E-01	2.02E-01	1.53E+01	1.53E+03
LR-3-SUR	Thorium-234	1.57E+00		2.38E-01	2.04E-01	1.53E+01	1.53E+03
LR-4-SUR	Thorium-234	1.50E+00		2.27E-01	1.97E-01	1.53E+01	1.53E+03
LR-5-SUR	Thorium-234	1.54E+00		2.34E-01	2.01E-01	1.53E+01	1.53E+03
LR-6-SUR	Thorium-234	1.46E+00		2.29E-01	2.08E-01	1.53E+01	1.53E+03
LR-7-SUR	Thorium-234	1.47E+00		2.27E-01	1.99E-01	1.53E+01	1.53E+03
LR-8-SUR	Thorium-234	1.40E+00		2.16E-01	2.00E-01	1.53E+01	1.53E+03
LR-9-SUR	Thorium-234	1.50E+00		2.31E-01	2.04E-01	1.53E+01	1.53E+03
LR-10-SUR	Thorium-234	1.50E+00		2.34E-01	2.11E-01	1.53E+01	1.53E+03
LR-11-SUR	Thorium-234	1.49E+00		2.33E-01	2.12E-01	1.53E+01	1.53E+03
LR-12-SUR	Thorium-234	1.27E+00		2.05E-01	2.01E-01	1.53E+01	1.53E+03
LR-13-SUR	Thorium-234	1.32E+00		2.08E-01	1.94E-01	1.53E+01	1.53E+03
LR-14-SUR	Thorium-234	1.20E+00		1.91E-01	1.90E-01	1.53E+01	1.53E+03
LR-15-SUR	Thorium-234	1.49E+00		2.33E-01	2.12E-01	1.53E+01	1.53E+03
LR-16-SUR	Thorium-234	1.43E+00		2.21E-01	1.96E-01	1.53E+01	1.53E+03
LR-17-SUR	Thorium-234	1.50E+00		2.24E-01	1.81E-01	1.53E+01	1.53E+03
LR-18-SUR	Thorium-234	1.58E+00		2.40E-01	2.03E-01	1.53E+01	1.53E+03
LR-19-SUR	Thorium-234	1.63E+00		2.48E-01	2.11E-01	1.53E+01	1.53E+03
LR-20-SUR	Thorium-234	1.66E+00		2.51E-01	2.12E-01	1.53E+01	1.53E+03
LR-21-SUR	Thorium-234	1.63E+00		2.47E-01	2.09E-01	1.53E+01	1.53E+03
LR-22-SUR	Thorium-234	1.60E+00		2.44E-01	2.09E-01	1.53E+01	1.53E+03
LR-23-SUR	Thorium-234	1.55E+00		2.36E-01	2.03E-01	1.53E+01	1.53E+03
LR-24-SUR	Thorium-234	1.36E+00		2.14E-01	2.00E-01	1.53E+01	1.53E+03
LR-25-SUR	Thorium-234	1.48E+00		2.29E-01	2.05E-01	1.53E+01	1.53E+03
LR-26-SUR	Thorium-234	1.57E+00		2.40E-01	2.05E-01	1.53E+01	1.53E+03
LR-27-SUR	Thorium-234	1.43E+00		2.20E-01	1.96E-01	1.53E+01	1.53E+03
Lang Ranch Subsurface Samples (Chatsworth Formation)							
LR-3-SUB	Thorium-234	1.82E+00		2.67E-01	2.06E-01	1.53E+01	1.53E+03
LR-4-SUB	Thorium-234	1.63E+00		2.42E-01	1.94E-01	1.53E+01	1.53E+03
LR-9-SUB	Thorium-234	1.42E+00		2.22E-01	2.02E-01	1.53E+01	1.53E+03
LR-13-SUB	Thorium-234	1.50E+00		2.31E-01	2.05E-01	1.53E+01	1.53E+03
LR-15-SUB	Thorium-234	1.32E+00		2.28E-01	2.44E-01	1.53E+01	1.53E+03
LR-18-SUB	Thorium-234	1.71E+00		2.57E-01	2.13E-01	1.53E+01	1.53E+03
LR-19-SUB	Thorium-234	1.78E+00		2.67E-01	2.21E-01	1.53E+01	1.53E+03
LR-23-SUB	Thorium-234	1.84E+00		2.73E-01	2.19E-01	1.53E+01	1.53E+03
LR-24-SUB	Thorium-234	1.60E+00		2.43E-01	2.08E-01	1.53E+01	1.53E+03
LR-26-SUB	Thorium-234	1.51E+00		2.35E-01	2.12E-01	1.53E+01	1.53E+03
Rocky Peak Surface Samples (Chatsworth Formation)							
RP-1-SUR	Thorium-234	9.73E-01		1.63E-01	1.68E-01	1.53E+01	1.53E+03
RP-2-SUR	Thorium-234	9.33E-01		1.62E-01	1.72E-01	1.53E+01	1.53E+03
RP-3-SUR	Thorium-234	2.60E-01	K	1.17E-01	1.84E-01	1.53E+01	1.53E+03
RP-4-SUR	Thorium-234	8.19E-01		1.49E-01	1.69E-01	1.53E+01	1.53E+03
RP-5-SUR	Thorium-234	9.73E-01		1.64E-01	1.70E-01	1.53E+01	1.53E+03
RP-6-SUR	Thorium-234	1.06E+00		1.73E-01	1.72E-01	1.53E+01	1.53E+03
RP-7-SUR	Thorium-234	1.09E+00		1.77E-01	1.73E-01	1.53E+01	1.53E+03
RP-8-SUR	Thorium-234	1.15E+00		1.85E-01	1.79E-01	1.53E+01	1.53E+03
RP-9-SUR	Thorium-234	9.93E-01		1.50E-01	1.65E-01	1.53E+01	1.53E+03
RP-10-SUR	Thorium-234	1.01E+00		1.69E-01	1.75E-01	1.53E+01	1.53E+03
RP-11-SUR	Thorium-234	1.18E+00		1.87E-01	1.75E-01	1.53E+01	1.53E+03
RP-12-SUR	Thorium-234	8.86E-01		1.53E-01	1.64E-01	1.53E+01	1.53E+03
RP-13-SUR	Thorium-234	8.86E-01		1.52E-01	1.62E-01	1.53E+01	1.53E+03
RP-14-SUR	Thorium-234	9.84E-01		1.63E-01	1.66E-01	1.53E+01	1.53E+03
RP-15-SUR	Thorium-234	9.14E-01		1.57E-01	1.67E-01	1.53E+01	1.53E+03
RP-16-SUR	Thorium-234	9.69E-01		1.61E-01	1.64E-01	1.53E+01	1.53E+03
RP-17-SUR	Thorium-234	9.88E-01		1.64E-01	1.66E-01	1.53E+01	1.53E+03
RP-18-SUR	Thorium-234	9.76E-01		1.63E-01	1.72E-01	1.53E+01	1.53E+03
RP-19-SUR	Thorium-234	9.75E-01		1.66E-01	1.74E-01	1.53E+01	1.53E+03
RP-20-SUR	Thorium-234	1.15E+00		1.87E-01	1.83E-01	1.53E+01	1.53E+03
RP-21-SUR	Thorium-234	9.23E-01		1.58E-01	1.67E-01	1.53E+01	1.53E+03

Table 31 - Thorium-234 Analytical Results

Sample ID	Analyte	Result (pCi/g)	Qualifier(s)	Uncertainty (+/- pCi/g)	MDC (pCi/g)	Agricultural 10^{-6} PRG (pCi/g)	Agricultural 10^{-4} PRG (pCi/g)
RP-22-SUR	Thorium-234	9.44E-01		1.59E-01	1.68E-01	1.53E+01	1.53E+03
RP-23-SUR	Thorium-234	1.13E+00		1.84E-01	1.79E-01	1.53E+01	1.53E+03
RP-24-SUR	Thorium-234	1.01E+00		1.67E-01	1.69E-01	1.53E+01	1.53E+03
RP-25-SUR	Thorium-234	1.02E+00		1.72E-01	1.76E-01	1.53E+01	1.53E+03
RP-26-SUR	Thorium-234	1.00E+00		1.69E-01	1.74E-01	1.53E+01	1.53E+03
RP-27-SUR	Thorium-234	1.03E+00		1.73E-01	1.79E-01	1.53E+01	1.53E+03
RP-28-SUR	Thorium-234	1.10E+00		1.81E-01	1.80E-01	1.53E+01	1.53E+03
Rocky Peak Subsurface Samples (Chatsworth Formation)							
RP-1-SUB	Thorium-234	9.53E-01		1.61E-01	1.67E-01	1.53E+01	1.53E+03
RP-5-SUB	Thorium-234	1.16E+00		1.87E-01	1.79E-01	1.53E+01	1.53E+03
RP-7-SUB	Thorium-234	1.15E+00		1.87E-01	1.79E-01	1.53E+01	1.53E+03
RP-12-SUB	Thorium-234	8.98E-01		1.53E-01	1.61E-01	1.53E+01	1.53E+03
RP-13-SUB	Thorium-234	1.19E+00		1.88E-01	1.75E-01	1.53E+01	1.53E+03
RP-17-SUB	Thorium-234	1.23E+00		1.94E-01	1.80E-01	1.53E+01	1.53E+03
RP-18-SUB	Thorium-234	1.26E+00		1.97E-01	1.82E-01	1.53E+01	1.53E+03
RP-19-SUB	Thorium-234	1.14E+00		1.84E-01	1.78E-01	1.53E+01	1.53E+03
RP-20-SUB	Thorium-234	1.11E+00		1.80E-01	1.76E-01	1.53E+01	1.53E+03
RP-28-SUB	Thorium-234	1.08E+00		1.77E-01	1.77E-01	1.53E+01	1.53E+03
Bridle Path Surface Samples (Santa Susana Formation)							
BP-1-SUR	Thorium-234	1.87E+00		2.74E-01	2.12E-01	1.53E+01	1.53E+03
BP-2-SUR	Thorium-234	1.80E+00		2.68E-01	2.17E-01	1.53E+01	1.53E+03
BP-3-SUR	Thorium-234	1.88E+00		2.77E-01	2.19E-01	1.53E+01	1.53E+03
BP-4-SUR	Thorium-234	2.04E+00		2.98E-01	2.27E-01	1.53E+01	1.53E+03
BP-5-SUR	Thorium-234	6.40E-01		1.75E-01	2.51E-01	1.53E+01	1.53E+03
BP-6-SUR	Thorium-234	2.10E+00		3.05E-01	2.30E-01	1.53E+01	1.53E+03
BP-7-SUR	Thorium-234	2.04E+00		3.01E-01	2.38E-01	1.53E+01	1.53E+03
BP-8-SUR	Thorium-234	2.07E+00		3.01E-01	2.28E-01	1.53E+01	1.53E+03
BP-9-SUR	Thorium-234	1.90E+00		2.82E-01	2.29E-01	1.53E+01	1.53E+03
BP-10-SUR	Thorium-234	2.06E+00		2.99E-01	2.27E-01	1.53E+01	1.53E+03
BP-11-SUR	Thorium-234	1.95E+00		2.87E-01	2.26E-01	1.53E+01	1.53E+03
BP-12-SUR	Thorium-234	1.79E+00		2.70E-01	2.25E-01	1.53E+01	1.53E+03
BP-13-SUR	Thorium-234	1.02E+00		2.15E-01	3.02E-01	1.53E+01	1.53E+03
BP-14-SUR	Thorium-234	1.68E+00		2.53E-01	2.12E-01	1.53E+01	1.53E+03
BP-15-SUR	Thorium-234	1.89E+00		2.79E-01	2.19E-01	1.53E+01	1.53E+03
BP-16-SUR	Thorium-234	1.74E+00		2.62E-01	2.20E-01	1.53E+01	1.53E+03
BP-17-SUR	Thorium-234	1.78E+00		2.66E-01	2.20E-01	1.53E+01	1.53E+03
BP-18-SUR	Thorium-234	1.04E+00		2.03E-01	2.36E-01	1.53E+01	1.53E+03
BP-19-SUR	Thorium-234	6.99E-01		1.86E-01	2.76E-01	1.53E+01	1.53E+03
BP-20-SUR	Thorium-234	1.91E+00		2.82E-01	2.30E-01	1.53E+01	1.53E+03
BP-21-SUR	Thorium-234	1.90E+00		2.79E-01	2.26E-01	1.53E+01	1.53E+03
BP-22-SUR	Thorium-234	4.96E-01		1.95E-01	3.07E-01	1.53E+01	1.53E+03
BP-23-SUR	Thorium-234	1.99E+00		2.71E-01	2.76E-01	1.53E+01	1.53E+03
BP-24-SUR	Thorium-234	2.00E+00		2.73E-01	2.79E-01	1.53E+01	1.53E+03
BP-25-SUR	Thorium-234	9.84E-01		1.99E-01	2.73E-01	1.53E+01	1.53E+03
BP-26-SUR	Thorium-234	2.24E+00		3.36E-01	2.80E-01	1.53E+01	1.53E+03
BP-27-SUR	Thorium-234	2.28E+00		3.40E-01	2.83E-01	1.53E+01	1.53E+03
BP-28-SUR	Thorium-234	2.17E+00		3.26E-01	2.73E-01	1.53E+01	1.53E+03
BP-29-SUR	Thorium-234	9.85E-01		1.90E-01	2.57E-01	1.53E+01	1.53E+03
BP-30-SUR	Thorium-234	1.95E+00		2.88E-01	2.28E-01	1.53E+01	1.53E+03
BP-31-SUR	Thorium-234	2.08E+00		3.18E-01	2.85E-01	1.53E+01	1.53E+03
BP-32-SUR	Thorium-234	2.29E+00		3.45E-01	2.90E-01	1.53E+01	1.53E+03
BP-33-SUR	Thorium-234	2.18E+00		3.15E-01	2.32E-01	1.53E+01	1.53E+03
BP-34-SUR	Thorium-234	1.76E+00		2.50E-01	2.76E-01	1.53E+01	1.53E+03
BP-35-SUR	Thorium-234	2.03E+00		2.96E-01	2.24E-01	1.53E+01	1.53E+03
BP-36-SUR	Thorium-234	1.89E+00		2.80E-01	2.24E-01	1.53E+01	1.53E+03
BP-37-SUR	Thorium-234	1.80E+00		2.69E-01	2.20E-01	1.53E+01	1.53E+03
BP-38-SUR	Thorium-234	1.78E+00		2.65E-01	2.13E-01	1.53E+01	1.53E+03
BP-39-SUR	Thorium-234	1.57E+00		2.41E-01	2.11E-01	1.53E+01	1.53E+03
BP-40-SUR	Thorium-234	1.62E+00		2.48E-01	2.15E-01	1.53E+01	1.53E+03
BP-41-SUR	Thorium-234	1.76E+00		2.48E-01	2.61E-01	1.53E+01	1.53E+03
BP-42-SUR	Thorium-234	1.74E+00		2.62E-01	2.19E-01	1.53E+01	1.53E+03

Table 31 - Thorium-234 Analytical Results

Sample ID	Analyte	Result (pCi/g)	Qualifier(s)	Uncertainty (+/- pCi/g)	MDC (pCi/g)	Agricultural 10^{-6} PRG (pCi/g)	Agricultural 10^{-4} PRG (pCi/g)
BP-43-SUR	Thorium-234	2.18E+00		3.29E-01	2.77E-01	1.53E+01	1.53E+03
BP-44-SUR	Thorium-234	1.69E+00		2.57E-01	2.20E-01	1.53E+01	1.53E+03
BP-45-SUR	Thorium-234	2.08E+00		3.20E-01	2.73E-01	1.53E+01	1.53E+03
BP-46-SUR	Thorium-234	1.87E+00		2.77E-01	2.21E-01	1.53E+01	1.53E+03
BP-47-SUR	Thorium-234	2.45E+00		3.30E-01	2.44E-01	1.53E+01	1.53E+03
BP-48-SUR	Thorium-234	2.17E+00		3.17E-01	2.41E-01	1.53E+01	1.53E+03
BP-49-SUR	Thorium-234	1.86E+00		2.36E-01	2.23E-01	1.53E+01	1.53E+03
BP-50-SUR	Thorium-234	1.98E+00		2.90E-01	2.22E-01	1.53E+01	1.53E+03
BP-51-SUR	Thorium-234	2.01E+00		2.86E-01	2.27E-01	1.53E+01	1.53E+03
BP-52-SUR	Thorium-234	1.47E+00		2.01E-01	2.06E-01	1.53E+01	1.53E+03
BP-53-SUR	Thorium-234	3.86E-01		1.55E-01	2.42E-01	1.53E+01	1.53E+03
BP-54-SUR	Thorium-234	4.91E-01		1.31E-01	1.95E-01	1.53E+01	1.53E+03
Bridle Path Subsurface Samples (Santa Susana Formation)							
BP-3-SUB	Thorium-234	9.23E-01		1.67E-01	2.04E-01	1.53E+01	1.53E+03
BP-4-SUB	Thorium-234	1.58E+00		2.41E-01	2.06E-01	1.53E+01	1.53E+03
BP-5-SUB	Thorium-234	1.58E+00		2.41E-01	2.09E-01	1.53E+01	1.53E+03
BP-9-SUB	Thorium-234	1.69E+00		2.21E-01	2.12E-01	1.53E+01	1.53E+03
BP-12-SUB	Thorium-234	1.86E+00		2.74E-01	2.16E-01	1.53E+01	1.53E+03
BP-13-SUB	Thorium-234	6.11E-01		1.85E-01	2.82E-01	1.53E+01	1.53E+03
BP-14-SUB	Thorium-234	1.38E+00		2.18E-01	2.11E-01	1.53E+01	1.53E+03
BP-16-SUB	Thorium-234	1.50E+00		2.28E-01	2.66E-01	1.53E+01	1.53E+03
BP-20-SUB	Thorium-234	1.46E+00		2.28E-01	2.05E-01	1.53E+01	1.53E+03
BP-23-SUB	Thorium-234	4.25E-01		1.45E-01	2.25E-01	1.53E+01	1.53E+03
BP-29-SUB	Thorium-234	1.41E+00	U	2.01E+00	3.35E+00	1.53E+01	1.53E+03
BP-34-SUB	Thorium-234	1.91E+00		2.84E-01	2.30E-01	1.53E+01	1.53E+03
BP-35-SUB	Thorium-234	5.46E-01		1.57E-01	2.38E-01	1.53E+01	1.53E+03
BP-38-SUB	Thorium-234	1.54E+00		2.42E-01	2.22E-01	1.53E+01	1.53E+03
BP-43-SUB	Thorium-234	6.35E-01		2.08E-01	3.21E-01	1.53E+01	1.53E+03
BP-45-SUB	Thorium-234	1.84E+00		2.74E-01	2.21E-01	1.53E+01	1.53E+03
BP-46-SUB	Thorium-234	2.42E+00		3.63E-01	3.03E-01	1.53E+01	1.53E+03
BP-48-SUB	Thorium-234	1.69E+00		2.56E-01	2.15E-01	1.53E+01	1.53E+03
BP-50-SUB	Thorium-234	3.14E-01	K	1.69E-01	2.71E-01	1.53E+01	1.53E+03
BP-51-SUB	Thorium-234	2.05E+00		3.01E-01	2.32E-01	1.53E+01	1.53E+03

Notes:

pCi/g - Picocuries per gram of dry soil. Analyses for H-3, C-14, Tc-99, and I-129 are reported in units of pCi per gram of "as-received" soil.

MDC - Minimum Detectable Concentration

PRG - Preliminary Remediation Goal

Uncertainty - Reported at the 1.96σ Confidence Interval. Gamma Spec. Reported at the 2σ Confidence Interval.

Data Qualifiers:

B - Analyte present, but not detected substantially above the level reported in laboratory or field blanks.

J - The analyte was detected at the reported concentration: the quantitation is an estimate.

K - Analyte present. Reported value may be biased high. Actual value is expected to be lower.

L - Analyte present. Reported value may be biased low. Actual value is expected to be higher.

R - The result is rejected due to serious deficiences in the ability to analyze the sample and meet the Quality Control criteria.

U - Not considered detected. The associated number is the reported concentration.

UJ - Not considered detected. The associated number is the reported concentration which may be inaccurate.

UL - Not considered detected. The associated number is the reported concentration which may be inaccurate due to a low bias.

X - Excluded. The data point is associated with reanalyses or diluted analyses and is excluded because another result has been selecetd as the definitive result for the analyte

These results are qualified based on the usability of the data for its intended purpose, which is to develop a statistical profile against which to compare individual on-site sample results, to determine the extent of potential site contamination that may be attributable to site activities.

Table 32 - Thulium-171 Analytical Results

Sample ID	Analyte	Result (pCi/g)	Qualifier(s)	Uncertainty (+/- pCi/g)	MDC (pCi/g)	Agricultural 10^{-6} PRG (pCi/g)	Agricultural 10^{-4} PRG (pCi/g)
Lang Ranch Surface Samples (Chatsworth Formation)							
LR-1-SUR	Thulium-171	-3.54E+00	U	3.04E+01	1.16E+01	1.25E+03	1.25E+05
LR-2-SUR	Thulium-171	-4.99E+00	U	1.82E+01	1.17E+01	1.25E+03	1.25E+05
LR-3-SUR	Thulium-171	-1.37E+01	UL	9.60E+00	9.76E+00	1.25E+03	1.25E+05
LR-4-SUR	Thulium-171	-3.07E+00	U	4.36E+01	1.16E+01	1.25E+03	1.25E+05
LR-5-SUR	Thulium-171	-1.22E+01	UL	9.59E+00	9.73E+00	1.25E+03	1.25E+05
LR-6-SUR	Thulium-171	-8.88E+00	U	1.18E+01	1.10E+01	1.25E+03	1.25E+05
LR-7-SUR	Thulium-171	-5.58E+00	U	1.52E+01	1.07E+01	1.25E+03	1.25E+05
LR-8-SUR	Thulium-171	-1.05E+01	UL	9.77E+00	9.74E+00	1.25E+03	1.25E+05
LR-9-SUR	Thulium-171	-7.10E+00	U	1.20E+01	9.92E+00	1.25E+03	1.25E+05
LR-10-SUR	Thulium-171	-1.13E+01	UL	1.10E+01	1.21E+01	1.25E+03	1.25E+05
LR-11-SUR	Thulium-171	-1.04E+01	U	1.12E+01	1.22E+01	1.25E+03	1.25E+05
LR-12-SUR	Thulium-171	-3.15E+00	U	5.08E+01	1.12E+01	1.25E+03	1.25E+05
LR-13-SUR	Thulium-171	6.00E+00	U	8.10E+00	9.34E+00	1.25E+03	1.25E+05
LR-14-SUR	Thulium-171	-2.53E+00	U	9.78E+01	8.17E+00	1.25E+03	1.25E+05
LR-15-SUR	Thulium-171	-5.23E+00	U	1.99E+01	1.19E+01	1.25E+03	1.25E+05
LR-16-SUR	Thulium-171	-1.62E+00	U	4.53E+01	1.11E+01	1.25E+03	1.25E+05
LR-17-SUR	Thulium-171	-1.17E+01	UL	8.80E+00	9.02E+00	1.25E+03	1.25E+05
LR-18-SUR	Thulium-171	-5.67E+00	U	1.76E+01	1.17E+01	1.25E+03	1.25E+05
LR-19-SUR	Thulium-171	-1.57E+01	UL	1.07E+01	1.02E+01	1.25E+03	1.25E+05
LR-20-SUR	Thulium-171	-1.17E+01	UL	1.06E+01	1.02E+01	1.25E+03	1.25E+05
LR-21-SUR	Thulium-171	-1.36E+01	UL	1.07E+01	1.01E+01	1.25E+03	1.25E+05
LR-22-SUR	Thulium-171	-4.06E+00	U	4.52E+01	1.21E+01	1.25E+03	1.25E+05
LR-23-SUR	Thulium-171	1.34E+00	U	6.46E+00	1.07E+01	1.25E+03	1.25E+05
LR-24-SUR	Thulium-171	-1.25E+01	UL	1.05E+01	9.97E+00	1.25E+03	1.25E+05
LR-25-SUR	Thulium-171	-2.79E+00	U	2.44E+02	1.04E+01	1.25E+03	1.25E+05
LR-26-SUR	Thulium-171	-1.12E+01	UL	1.10E+01	9.88E+00	1.25E+03	1.25E+05
LR-27-SUR	Thulium-171	-1.29E+01	UL	1.12E+01	9.87E+00	1.25E+03	1.25E+05
Lang Ranch Subsurface Samples (Chatsworth Formation)							
LR-3-SUB	Thulium-171	-3.73E+00	U	5.63E+01	1.22E+01	1.25E+03	1.25E+05
LR-4-SUB	Thulium-171	-4.24E-02	U	7.07E+00	1.13E+01	1.25E+03	1.25E+05
LR-9-SUB	Thulium-171	-6.53E+00	U	2.22E+01	1.18E+01	1.25E+03	1.25E+05
LR-13-SUB	Thulium-171	-2.92E+00	U	9.07E+01	1.18E+01	1.25E+03	1.25E+05
LR-15-SUB	Thulium-171	-7.92E+00	U	1.44E+01	1.45E+01	1.25E+03	1.25E+05
LR-18-SUB	Thulium-171	-5.70E+00	U	1.56E+01	1.34E+01	1.25E+03	1.25E+05
LR-19-SUB	Thulium-171	-1.03E+01	U	1.13E+01	1.25E+01	1.25E+03	1.25E+05
LR-23-SUB	Thulium-171	-1.33E+01	U	1.46E+01	1.46E+01	1.25E+03	1.25E+05
LR-24-SUB	Thulium-171	-1.36E+01	UL	1.18E+01	1.18E+01	1.25E+03	1.25E+05
LR-26-SUB	Thulium-171	-9.60E+00	U	1.26E+01	1.14E+01	1.25E+03	1.25E+05
Rocky Peak Surface Samples (Chatsworth Formation)							
RP-1-SUR	Thulium-171	-1.24E+00	U	2.45E+01	9.98E+00	1.25E+03	1.25E+05
RP-2-SUR	Thulium-171	-5.06E+00	U	1.47E+01	9.74E+00	1.25E+03	1.25E+05
RP-3-SUR	Thulium-171	-1.49E+01	UL	1.07E+01	1.07E+01	1.25E+03	1.25E+05
RP-4-SUR	Thulium-171	-8.45E+00	U	8.90E+00	8.42E+00	1.25E+03	1.25E+05
RP-5-SUR	Thulium-171	6.17E+00	U	7.68E+00	8.22E+00	1.25E+03	1.25E+05
RP-6-SUR	Thulium-171	-1.06E+01	UL	8.63E+00	8.45E+00	1.25E+03	1.25E+05
RP-7-SUR	Thulium-171	-6.07E+00	U	1.81E+01	1.21E+01	1.25E+03	1.25E+05
RP-8-SUR	Thulium-171	-6.33E+00	U	1.87E+01	1.25E+01	1.25E+03	1.25E+05
RP-9-SUR	Thulium-171	-4.06E+00	U	2.79E+02	1.19E+01	1.25E+03	1.25E+05
RP-10-SUR	Thulium-171	-1.88E+00	U	1.10E+02	1.07E+01	1.25E+03	1.25E+05
RP-11-SUR	Thulium-171	-8.09E+00	U	1.33E+01	1.11E+01	1.25E+03	1.25E+05
RP-12-SUR	Thulium-171	-4.24E+00	U	1.59E+01	9.73E+00	1.25E+03	1.25E+05
RP-13-SUR	Thulium-171	3.49E+00	U	5.11E+00	6.71E+00	1.25E+03	1.25E+05
RP-14-SUR	Thulium-171	-8.11E+00	U	8.55E+00	8.08E+00	1.25E+03	1.25E+05
RP-15-SUR	Thulium-171	-9.00E+00	UL	8.46E+00	8.15E+00	1.25E+03	1.25E+05
RP-16-SUR	Thulium-171	-2.12E+00	U	1.36E+02	9.46E+00	1.25E+03	1.25E+05
RP-17-SUR	Thulium-171	-9.82E+00	UL	8.22E+00	8.11E+00	1.25E+03	1.25E+05
RP-18-SUR	Thulium-171	-1.02E+01	UL	9.03E+00	9.00E+00	1.25E+03	1.25E+05
RP-19-SUR	Thulium-171	-2.88E+00	U	6.20E+00	1.01E+01	1.25E+03	1.25E+05
RP-20-SUR	Thulium-171	-2.80E+00	U	6.61E+02	1.27E+01	1.25E+03	1.25E+05
RP-21-SUR	Thulium-171	-3.97E+00	U	2.89E+01	9.97E+00	1.25E+03	1.25E+05

Table 32 - Thulium-171 Analytical Results

Sample ID	Analyte	Result (pCi/g)	Qualifier(s)	Uncertainty (+/- pCi/g)	MDC (pCi/g)	Agricultural 10^{-6} PRG (pCi/g)	Agricultural 10^{-4} PRG (pCi/g)
RP-22-SUR	Thulium-171	-2.57E+00	U	5.96E+02	9.78E+00	1.25E+03	1.25E+05
RP-23-SUR	Thulium-171	-2.85E+00	U	7.29E+00	1.19E+01	1.25E+03	1.25E+05
RP-24-SUR	Thulium-171	2.67E-01	U	4.23E+00	7.01E+00	1.25E+03	1.25E+05
RP-25-SUR	Thulium-171	-1.84E+00	U	6.23E+00	1.02E+01	1.25E+03	1.25E+05
RP-26-SUR	Thulium-171	1.39E-02	U	6.23E+00	1.03E+01	1.25E+03	1.25E+05
RP-27-SUR	Thulium-171	-2.14E+00	U	6.45E+00	1.06E+01	1.25E+03	1.25E+05
RP-28-SUR	Thulium-171	2.44E-01	U	6.15E+00	1.02E+01	1.25E+03	1.25E+05
Rocky Peak Subsurface Samples (Chatsworth Formation)							
RP-1-SUB	Thulium-171	4.59E+00	U	6.25E+00	7.71E+00	1.25E+03	1.25E+05
RP-5-SUB	Thulium-171	-2.47E+00	U	7.19E+01	1.06E+01	1.25E+03	1.25E+05
RP-7-SUB	Thulium-171	-1.93E-01	U	6.60E+00	8.99E+00	1.25E+03	1.25E+05
RP-12-SUB	Thulium-171	-1.58E+00	U	1.07E+02	9.76E+00	1.25E+03	1.25E+05
RP-13-SUB	Thulium-171	-4.58E+00	U	1.64E+01	1.08E+01	1.25E+03	1.25E+05
RP-17-SUB	Thulium-171	-2.45E+00	U	2.42E+02	9.09E+00	1.25E+03	1.25E+05
RP-18-SUB	Thulium-171	-8.01E+00	UL	6.20E+00	9.00E+00	1.25E+03	1.25E+05
RP-19-SUB	Thulium-171	6.59E-01	U	6.34E+00	1.05E+01	1.25E+03	1.25E+05
RP-20-SUB	Thulium-171	-5.28E+00	U	5.92E+00	8.64E+00	1.25E+03	1.25E+05
RP-28-SUB	Thulium-171	-7.70E+00	UL	6.43E+00	9.11E+00	1.25E+03	1.25E+05
Bridle Path Surface Samples (Santa Susana Formation)							
BP-1-SUR	Thulium-171	-4.81E+00	U	7.95E+00	1.21E+01	1.25E+03	1.25E+05
BP-2-SUR	Thulium-171	-1.35E+01	RU	8.31E+00	1.08E+01	1.25E+03	1.25E+05
BP-3-SUR	Thulium-171	-3.94E-02	U	1.41E+01	1.28E+01	1.25E+03	1.25E+05
BP-4-SUR	Thulium-171	-1.23E+01	UL	8.27E+00	1.12E+01	1.25E+03	1.25E+05
BP-5-SUR	Thulium-171	-1.41E+01	RU	8.62E+00	1.12E+01	1.25E+03	1.25E+05
BP-6-SUR	Thulium-171	-1.09E+01	UL	8.28E+00	1.17E+01	1.25E+03	1.25E+05
BP-7-SUR	Thulium-171	-2.15E+00	U	3.64E+02	1.31E+01	1.25E+03	1.25E+05
BP-8-SUR	Thulium-171	-6.65E+00	U	1.58E+01	1.34E+01	1.25E+03	1.25E+05
BP-9-SUR	Thulium-171	-1.06E+01	U	1.09E+01	1.12E+01	1.25E+03	1.25E+05
BP-10-SUR	Thulium-171	-1.36E+01	UL	1.06E+01	1.13E+01	1.25E+03	1.25E+05
BP-11-SUR	Thulium-171	-1.17E+01	UL	1.07E+01	1.12E+01	1.25E+03	1.25E+05
BP-12-SUR	Thulium-171	-1.47E+01	UL	1.05E+01	1.11E+01	1.25E+03	1.25E+05
BP-13-SUR	Thulium-171	6.92E-01	U	1.28E+01	2.13E+01	1.25E+03	1.25E+05
BP-14-SUR	Thulium-171	-2.27E+00	U	2.55E+02	1.20E+01	1.25E+03	1.25E+05
BP-15-SUR	Thulium-171	-1.51E+01	UL	1.04E+01	1.09E+01	1.25E+03	1.25E+05
BP-16-SUR	Thulium-171	-2.29E+00	U	3.39E+02	1.29E+01	1.25E+03	1.25E+05
BP-17-SUR	Thulium-171	-8.38E-01	U	9.46E+01	1.22E+01	1.25E+03	1.25E+05
BP-18-SUR	Thulium-171	-3.96E+00	U	1.30E+01	1.29E+01	1.25E+03	1.25E+05
BP-19-SUR	Thulium-171	-6.47E+00	U	4.39E+01	2.04E+01	1.25E+03	1.25E+05
BP-20-SUR	Thulium-171	-9.66E+00	UL	9.40E+00	1.17E+01	1.25E+03	1.25E+05
BP-21-SUR	Thulium-171	-1.32E+01	UL	9.10E+00	1.10E+01	1.25E+03	1.25E+05
BP-22-SUR	Thulium-171	3.19E+00	U	1.26E+01	2.08E+01	1.25E+03	1.25E+05
BP-23-SUR	Thulium-171	-9.79E+00	U	3.66E+01	1.99E+01	1.25E+03	1.25E+05
BP-24-SUR	Thulium-171	-1.48E+01	U	2.13E+01	1.68E+01	1.25E+03	1.25E+05
BP-25-SUR	Thulium-171	-3.81E+00	U	7.77E+01	2.07E+01	1.25E+03	1.25E+05
BP-26-SUR	Thulium-171	-5.63E+00	U	2.27E+02	2.00E+01	1.25E+03	1.25E+05
BP-27-SUR	Thulium-171	1.08E+01	U	1.37E+01	1.71E+01	1.25E+03	1.25E+05
BP-28-SUR	Thulium-171	6.57E+00	U	1.03E+01	1.43E+01	1.25E+03	1.25E+05
BP-29-SUR	Thulium-171	-4.67E+00	U	3.66E+02	1.87E+01	1.25E+03	1.25E+05
BP-30-SUR	Thulium-171	-3.51E-01	U	6.37E-01	1.30E+01	1.25E+03	1.25E+05
BP-31-SUR	Thulium-171	1.21E+00	U	1.20E+01	1.99E+01	1.25E+03	1.25E+05
BP-32-SUR	Thulium-171	1.89E+00	U	1.26E+01	2.08E+01	1.25E+03	1.25E+05
BP-33-SUR	Thulium-171	-9.81E+00	UL	8.37E+00	1.21E+01	1.25E+03	1.25E+05
BP-34-SUR	Thulium-171	-3.72E-01	U	5.48E+01	2.16E+01	1.25E+03	1.25E+05
BP-35-SUR	Thulium-171	-8.93E+00	UL	8.11E+00	1.19E+01	1.25E+03	1.25E+05
BP-36-SUR	Thulium-171	-9.21E+00	U	1.24E+01	1.15E+01	1.25E+03	1.25E+05
BP-37-SUR	Thulium-171	-1.33E+01	UL	1.08E+01	1.22E+01	1.25E+03	1.25E+05
BP-38-SUR	Thulium-171	-1.22E+01	UL	1.18E+01	1.11E+01	1.25E+03	1.25E+05
BP-39-SUR	Thulium-171	-8.14E+00	U	1.66E+01	1.23E+01	1.25E+03	1.25E+05
BP-40-SUR	Thulium-171	-1.27E+01	UL	1.20E+01	1.14E+01	1.25E+03	1.25E+05
BP-41-SUR	Thulium-171	-1.46E+00	U	2.85E+01	2.09E+01	1.25E+03	1.25E+05
BP-42-SUR	Thulium-171	-1.65E+01	UL	1.18E+01	1.17E+01	1.25E+03	1.25E+05

Table 32 - Thulium-171 Analytical Results

Sample ID	Analyte	Result (pCi/g)	Qualifier(s)	Uncertainty (+/- pCi/g)	MDC (pCi/g)	Agricultural 10^{-6} PRG (pCi/g)	Agricultural 10^{-4} PRG (pCi/g)
BP-43-SUR	Thulium-171	1.70E+01	B	1.46E+01	1.58E+01	1.25E+03	1.25E+05
BP-44-SUR	Thulium-171	-1.17E+01	U	1.22E+01	1.15E+01	1.25E+03	1.25E+05
BP-45-SUR	Thulium-171	-3.08E+00	U	1.60E+02	2.07E+01	1.25E+03	1.25E+05
BP-46-SUR	Thulium-171	-1.56E+01	UL	1.30E+01	1.21E+01	1.25E+03	1.25E+05
BP-47-SUR	Thulium-171	-1.22E+01	U	3.01E+01	1.87E+01	1.25E+03	1.25E+05
BP-48-SUR	Thulium-171	-1.42E+01	U	1.55E+01	1.34E+01	1.25E+03	1.25E+05
BP-49-SUR	Thulium-171	-7.53E+00	U	7.08E+01	1.82E+01	1.25E+03	1.25E+05
BP-50-SUR	Thulium-171	-1.43E+01	UL	1.31E+01	1.19E+01	1.25E+03	1.25E+05
BP-51-SUR	Thulium-171	-4.64E+00	U	1.35E+02	1.66E+01	1.25E+03	1.25E+05
BP-52-SUR	Thulium-171	-5.52E+00	U	2.63E+03	1.48E+01	1.25E+03	1.25E+05
BP-53-SUR	Thulium-171	-9.57E+00	U	1.76E+01	1.16E+01	1.25E+03	1.25E+05
BP-54-SUR	Thulium-171	-8.81E+00	U	3.33E+01	1.55E+01	1.25E+03	1.25E+05
Bridle Path Subsurface Samples (Santa Susana Formation)							
BP-3-SUB	Thulium-171	-4.34E+00	U	1.36E+02	1.61E+01	1.25E+03	1.25E+05
BP-4-SUB	Thulium-171	-1.00E+01	U	1.30E+01	1.19E+01	1.25E+03	1.25E+05
BP-5-SUB	Thulium-171	4.02E+00	U	7.24E+00	9.11E+00	1.25E+03	1.25E+05
BP-9-SUB	Thulium-171	-9.23E-01	U	1.91E+01	1.71E+01	1.25E+03	1.25E+05
BP-12-SUB	Thulium-171	-7.23E+00	U	1.97E+01	1.27E+01	1.25E+03	1.25E+05
BP-13-SUB	Thulium-171	-4.62E+00	U	1.12E+03	2.10E+01	1.25E+03	1.25E+05
BP-14-SUB	Thulium-171	9.72E+00	B	9.58E+00	1.03E+01	1.25E+03	1.25E+05
BP-16-SUB	Thulium-171	-1.08E+01	U	1.93E+01	1.75E+01	1.25E+03	1.25E+05
BP-20-SUB	Thulium-171	-9.61E+00	U	9.84E+00	1.11E+01	1.25E+03	1.25E+05
BP-23-SUB	Thulium-171	-1.13E+00	U	1.97E+01	1.59E+01	1.25E+03	1.25E+05
BP-29-SUB	Thulium-171	6.59E+01	U	1.05E+02	1.72E+02	1.25E+03	1.25E+05
BP-34-SUB	Thulium-171	-6.95E+00	U	1.27E+01	1.39E+01	1.25E+03	1.25E+05
BP-35-SUB	Thulium-171	1.11E+00	U	1.07E+01	1.78E+01	1.25E+03	1.25E+05
BP-38-SUB	Thulium-171	-7.01E+00	U	1.19E+01	1.21E+01	1.25E+03	1.25E+05
BP-43-SUB	Thulium-171	-2.64E+00	U	7.34E+01	1.99E+01	1.25E+03	1.25E+05
BP-45-SUB	Thulium-171	-1.34E+01	UL	1.19E+01	1.17E+01	1.25E+03	1.25E+05
BP-46-SUB	Thulium-171	1.49E+00	U	1.40E+01	2.32E+01	1.25E+03	1.25E+05
BP-48-SUB	Thulium-171	-4.73E+00	U	3.06E+01	1.05E+01	1.25E+03	1.25E+05
BP-50-SUB	Thulium-171	-1.46E+00	U	2.84E+01	1.96E+01	1.25E+03	1.25E+05
BP-51-SUB	Thulium-171	-1.93E+01	RU	1.25E+01	1.23E+01	1.25E+03	1.25E+05

Notes:

pCi/g - Picocuries per gram of dry soil. Analyses for H-3, C-14, Tc-99, and I-129 are reported in units of pCi per gram of "as-received" soil.

MDC - Minimum Detectable Concentration

PRG - Preliminary Remediation Goal

Uncertainty - Reported at the 1.96σ Confidence Interval. Gamma Spec. Reported at the 2σ Confidence Interval.

Data Qualifiers:

B - Analyte present, but not detected substantially above the level reported in laboratory or field blanks.

J - The analyte was detected at the reported concentration: the quantitation is an estimate.

K - Analyte present. Reported value may be biased high. Actual value is expected to be lower.

L - Analyte present. Reported value may be biased low. Actual value is expected to be higher.

R - The result is rejected due to serious deficiences in the ability to analyze the sample and meet the Quality Control criteria.

U - Not considered detected. The associated number is the reported concentration.

UJ - Not considered detected. The associated number is the reported concentration which may be inaccurate.

UL - Not considered detected. The associated number is the reported concentration which may be inaccurate due to a low bias.

X - Excluded. The data point is associated with reanalyses or diluted analyses and is excluded because another result has been selecetd as the definitive result for the analyte

These results are qualified based on the usability of the data for its intended purpose, which is to develop a statistical profile against which to compare individual on-site sample results, to determine the extent of potential site contamination that may be attributable to site activities.

Table 33 - Tin-126 Analytical Results

Sample ID	Analyte	Result (pCi/g)	Qualifier(s)	Uncertainty (+/- pCi/g)	MDC (pCi/g)	Agricultural 10^{-6} PRG (pCi/g)	Agricultural 10^{-4} PRG (pCi/g)
Lang Ranch Surface Samples (Chatsworth Formation)							
LR-1-SUR	Tin-126	2.04E-03	U	5.06E-03	8.39E-03	7.11E-01	7.11E+01
LR-2-SUR	Tin-126	-6.73E-04	U	1.56E-01	8.45E-03	7.11E-01	7.11E+01
LR-3-SUR	Tin-126	1.95E-03	U	5.14E-03	8.52E-03	7.11E-01	7.11E+01
LR-4-SUR	Tin-126	6.43E-04	U	5.12E-03	8.52E-03	7.11E-01	7.11E+01
LR-5-SUR	Tin-126	-1.94E-03	U	1.14E-02	8.72E-03	7.11E-01	7.11E+01
LR-6-SUR	Tin-126	-7.51E-04	U	4.86E+00	8.36E-03	7.11E-01	7.11E+01
LR-7-SUR	Tin-126	-1.58E-03	U	1.16E-02	7.27E-03	7.11E-01	7.11E+01
LR-8-SUR	Tin-126	-2.86E-03	U	8.57E-03	8.55E-03	7.11E-01	7.11E+01
LR-9-SUR	Tin-126	1.95E-04	U	5.19E-03	8.64E-03	7.11E-01	7.11E+01
LR-10-SUR	Tin-126	-6.79E-04	U	1.36E-02	8.89E-03	7.11E-01	7.11E+01
LR-11-SUR	Tin-126	2.27E-04	U	5.15E-03	8.57E-03	7.11E-01	7.11E+01
LR-12-SUR	Tin-126	-1.10E-03	U	1.23E-01	8.64E-03	7.11E-01	7.11E+01
LR-13-SUR	Tin-126	6.55E-05	U	4.91E-03	8.18E-03	7.11E-01	7.11E+01
LR-14-SUR	Tin-126	-1.30E-03	U	2.87E-02	8.02E-03	7.11E-01	7.11E+01
LR-15-SUR	Tin-126	6.48E-04	U	5.25E-03	8.74E-03	7.11E-01	7.11E+01
LR-16-SUR	Tin-126	-7.58E-04	U	6.52E-02	8.22E-03	7.11E-01	7.11E+01
LR-17-SUR	Tin-126	-1.16E-03	U	2.45E-02	7.48E-03	7.11E-01	7.11E+01
LR-18-SUR	Tin-126	2.30E-05	U	5.19E-03	8.64E-03	7.11E-01	7.11E+01
LR-19-SUR	Tin-126	5.11E-03	B	4.35E-03	5.55E-03	7.11E-01	7.11E+01
LR-20-SUR	Tin-126	4.12E-03	U	4.38E-03	7.20E-03	7.11E-01	7.11E+01
LR-21-SUR	Tin-126	-2.42E-03	U	1.49E-02	8.97E-03	7.11E-01	7.11E+01
LR-22-SUR	Tin-126	-6.69E-04	U	2.10E-02	8.80E-03	7.11E-01	7.11E+01
LR-23-SUR	Tin-126	1.83E-04	U	5.06E-03	8.44E-03	7.11E-01	7.11E+01
LR-24-SUR	Tin-126	-9.77E-04	U	1.30E-01	7.23E-03	7.11E-01	7.11E+01
LR-25-SUR	Tin-126	-1.87E-03	U	1.59E-02	6.75E-03	7.11E-01	7.11E+01
LR-26-SUR	Tin-126	-2.55E-03	U	1.35E-02	8.68E-03	7.11E-01	7.11E+01
LR-27-SUR	Tin-126	1.25E-03	U	4.36E-03	7.25E-03	7.11E-01	7.11E+01
Lang Ranch Subsurface Samples (Chatsworth Formation)							
LR-3-SUB	Tin-126	-1.38E-03	U	4.05E-02	8.01E-03	7.11E-01	7.11E+01
LR-4-SUB	Tin-126	-8.46E-04	U	7.29E-02	8.05E-03	7.11E-01	7.11E+01
LR-9-SUB	Tin-126	-9.51E-04	U	8.20E-02	9.06E-03	7.11E-01	7.11E+01
LR-13-SUB	Tin-126	-1.81E-04	U	1.01E-02	8.65E-03	7.11E-01	7.11E+01
LR-15-SUB	Tin-126	-3.97E-03	U	7.01E-03	9.91E-03	7.11E-01	7.11E+01
LR-18-SUB	Tin-126	-9.24E-04	U	9.34E-03	7.96E-03	7.11E-01	7.11E+01
LR-19-SUB	Tin-126	6.43E-04	U	5.12E-03	8.52E-03	7.11E-01	7.11E+01
LR-23-SUB	Tin-126	-4.03E-04	U	8.95E-02	7.90E-03	7.11E-01	7.11E+01
LR-24-SUB	Tin-126	-1.41E-03	U	7.66E-03	8.27E-03	7.11E-01	7.11E+01
LR-26-SUB	Tin-126	-1.40E-03	U	8.02E-03	8.57E-03	7.11E-01	7.11E+01
Rocky Peak Surface Samples (Chatsworth Formation)							
RP-1-SUR	Tin-126	-1.62E-03	U	1.57E-02	7.22E-03	7.11E-01	7.11E+01
RP-2-SUR	Tin-126	-1.07E-03	U	8.92E-02	7.44E-03	7.11E-01	7.11E+01
RP-3-SUR	Tin-126	2.34E-05	U	3.98E-03	6.64E-03	7.11E-01	7.11E+01
RP-4-SUR	Tin-126	-8.02E-04	U	6.00E-02	6.89E-03	7.11E-01	7.11E+01
RP-5-SUR	Tin-126	1.79E-04	U	3.67E-03	6.13E-03	7.11E-01	7.11E+01
RP-6-SUR	Tin-126	6.55E-04	U	4.13E-03	6.89E-03	7.11E-01	7.11E+01
RP-7-SUR	Tin-126	-2.43E-03	U	1.12E-02	7.21E-03	7.11E-01	7.11E+01
RP-8-SUR	Tin-126	-9.63E-04	U	5.69E-02	7.38E-03	7.11E-01	7.11E+01
RP-9-SUR	Tin-126	-1.91E-03	U	1.90E-02	6.07E-03	7.11E-01	7.11E+01
RP-10-SUR	Tin-126	3.57E-03	U	4.16E-03	6.84E-03	7.11E-01	7.11E+01
RP-11-SUR	Tin-126	2.97E-03	U	4.35E-03	5.13E-03	7.11E-01	7.11E+01
RP-12-SUR	Tin-126	-6.61E-04	U	3.04E-02	6.89E-03	7.11E-01	7.11E+01
RP-13-SUR	Tin-126	1.21E-04	U	4.03E-03	6.72E-03	7.11E-01	7.11E+01
RP-14-SUR	Tin-126	7.02E-04	U	3.94E-03	6.56E-03	7.11E-01	7.11E+01
RP-15-SUR	Tin-126	1.40E-03	U	4.02E-03	6.69E-03	7.11E-01	7.11E+01
RP-16-SUR	Tin-126	-1.50E-03	U	1.54E-02	6.83E-03	7.11E-01	7.11E+01
RP-17-SUR	Tin-126	1.62E-03	U	4.20E-03	6.98E-03	7.11E-01	7.11E+01
RP-18-SUR	Tin-126	-1.06E-03	U	6.57E-02	7.12E-03	7.11E-01	7.11E+01
RP-19-SUR	Tin-126	-2.97E-03	U	8.38E-01	7.34E-03	7.11E-01	7.11E+01
RP-20-SUR	Tin-126	-2.70E-03	U	5.80E-02	5.49E-03	7.11E-01	7.11E+01
RP-21-SUR	Tin-126	4.69E-04	U	4.08E-03	6.80E-03	7.11E-01	7.11E+01

Table 33 - Tin-126 Analytical Results

Sample ID	Analyte	Result (pCi/g)	Qualifier(s)	Uncertainty (+/- pCi/g)	MDC (pCi/g)	Agricultural 10^{-6} PRG (pCi/g)	Agricultural 10^{-4} PRG (pCi/g)
RP-22-SUR	Tin-126	6.32E-04	U	3.32E-03	5.54E-03	7.11E-01	7.11E+01
RP-23-SUR	Tin-126	1.26E-03	U	4.35E-03	7.21E-03	7.11E-01	7.11E+01
RP-24-SUR	Tin-126	-5.46E-04	U	2.22E-02	6.83E-03	7.11E-01	7.11E+01
RP-25-SUR	Tin-126	4.11E-04	U	4.47E-03	7.45E-03	7.11E-01	7.11E+01
RP-26-SUR	Tin-126	2.21E-05	U	4.43E-03	7.38E-03	7.11E-01	7.11E+01
RP-27-SUR	Tin-126	2.79E-05	U	4.48E-03	7.46E-03	7.11E-01	7.11E+01
RP-28-SUR	Tin-126	1.98E-05	U	4.56E-03	7.60E-03	7.11E-01	7.11E+01
Rocky Peak Subsurface Samples (Chatsworth Formation)							
RP-1-SUB	Tin-126	2.76E-03	U	3.35E-03	5.52E-03	7.11E-01	7.11E+01
RP-5-SUB	Tin-126	-1.17E-03	U	4.03E-02	7.76E-03	7.11E-01	7.11E+01
RP-7-SUB	Tin-126	-6.93E-04	U	3.81E-02	7.61E-03	7.11E-01	7.11E+01
RP-12-SUB	Tin-126	1.72E-03	U	3.90E-03	6.47E-03	7.11E-01	7.11E+01
RP-13-SUB	Tin-126	-5.92E-05	U	5.07E-03	7.40E-03	7.11E-01	7.11E+01
RP-17-SUB	Tin-126	1.65E-03	U	4.36E-03	7.24E-03	7.11E-01	7.11E+01
RP-18-SUB	Tin-126	4.90E-03	U	5.47E-03	6.04E-03	7.11E-01	7.11E+01
RP-19-SUB	Tin-126	-3.38E-04	U	1.04E-02	7.31E-03	7.11E-01	7.11E+01
RP-20-SUB	Tin-126	1.82E-03	U	4.28E-03	7.09E-03	7.11E-01	7.11E+01
RP-28-SUB	Tin-126	2.78E-03	U	3.39E-03	5.58E-03	7.11E-01	7.11E+01
Bridle Path Surface Samples (Santa Susana Formation)							
BP-1-SUR	Tin-126	5.06E-04	U	5.21E-03	8.67E-03	7.11E-01	7.11E+01
BP-2-SUR	Tin-126	-3.79E-03	U	9.68E-03	9.07E-03	7.11E-01	7.11E+01
BP-3-SUR	Tin-126	9.83E-04	U	5.37E-03	8.93E-03	7.11E-01	7.11E+01
BP-4-SUR	Tin-126	-1.23E-03	U	7.87E-02	9.33E-03	7.11E-01	7.11E+01
BP-5-SUR	Tin-126	4.35E-04	U	5.54E-03	9.21E-03	7.11E-01	7.11E+01
BP-6-SUR	Tin-126	1.73E-04	U	5.62E-03	9.35E-03	7.11E-01	7.11E+01
BP-7-SUR	Tin-126	-1.83E-03	U	1.27E-02	9.81E-03	7.11E-01	7.11E+01
BP-8-SUR	Tin-126	-2.77E-03	U	8.72E-03	9.14E-03	7.11E-01	7.11E+01
BP-9-SUR	Tin-126	-1.15E-03	U	1.95E-02	9.32E-03	7.11E-01	7.11E+01
BP-10-SUR	Tin-126	1.61E-03	U	5.63E-03	9.34E-03	7.11E-01	7.11E+01
BP-11-SUR	Tin-126	3.17E-03	U	5.38E-03	8.89E-03	7.11E-01	7.11E+01
BP-12-SUR	Tin-126	-1.29E-03	U	1.67E-02	9.23E-03	7.11E-01	7.11E+01
BP-13-SUR	Tin-126	9.66E-05	U	5.86E-03	9.76E-03	7.11E-01	7.11E+01
BP-14-SUR	Tin-126	2.70E-03	U	3.94E-03	6.51E-03	7.11E-01	7.11E+01
BP-15-SUR	Tin-126	1.89E-03	U	5.37E-03	8.90E-03	7.11E-01	7.11E+01
BP-16-SUR	Tin-126	-1.81E-03	U	1.13E-02	8.90E-03	7.11E-01	7.11E+01
BP-17-SUR	Tin-126	1.23E-03	U	5.47E-03	9.08E-03	7.11E-01	7.11E+01
BP-18-SUR	Tin-126	4.00E-03	U	5.38E-03	8.85E-03	7.11E-01	7.11E+01
BP-19-SUR	Tin-126	-6.34E-04	U	2.54E-02	9.43E-03	7.11E-01	7.11E+01
BP-20-SUR	Tin-126	-1.02E-03	U	2.42E-02	9.39E-03	7.11E-01	7.11E+01
BP-21-SUR	Tin-126	-7.49E-04	U	6.57E-02	9.02E-03	7.11E-01	7.11E+01
BP-22-SUR	Tin-126	4.50E-04	U	5.53E-03	9.20E-03	7.11E-01	7.11E+01
BP-23-SUR	Tin-126	-6.55E-04	U	4.16E-02	9.63E-03	7.11E-01	7.11E+01
BP-24-SUR	Tin-126	-1.11E-03	U	4.04E-02	6.85E-03	7.11E-01	7.11E+01
BP-25-SUR	Tin-126	7.17E-03	B	6.97E-03	7.53E-03	7.11E-01	7.11E+01
BP-26-SUR	Tin-126	3.30E-03	U	5.49E-03	9.08E-03	7.11E-01	7.11E+01
BP-27-SUR	Tin-126	-1.70E-03	U	1.90E-02	9.61E-03	7.11E-01	7.11E+01
BP-28-SUR	Tin-126	-1.14E-03	U	4.48E-02	8.82E-03	7.11E-01	7.11E+01
BP-29-SUR	Tin-126	4.40E-03	U	4.75E-03	5.92E-03	7.11E-01	7.11E+01
BP-30-SUR	Tin-126	-4.91E-05	U	6.51E-03	7.50E-03	7.11E-01	7.11E+01
BP-31-SUR	Tin-126	-7.32E-04	U	4.02E-01	9.07E-03	7.11E-01	7.11E+01
BP-32-SUR	Tin-126	1.60E-03	U	5.61E-03	9.30E-03	7.11E-01	7.11E+01
BP-33-SUR	Tin-126	3.94E-04	U	5.61E-03	9.33E-03	7.11E-01	7.11E+01
BP-34-SUR	Tin-126	2.97E-04	U	5.76E-03	9.58E-03	7.11E-01	7.11E+01
BP-35-SUR	Tin-126	1.41E-03	U	4.92E-03	8.17E-03	7.11E-01	7.11E+01
BP-36-SUR	Tin-126	-3.13E-03	U	6.24E-03	8.50E-03	7.11E-01	7.11E+01
BP-37-SUR	Tin-126	-5.51E-04	U	1.59E-02	8.75E-03	7.11E-01	7.11E+01
BP-38-SUR	Tin-126	7.42E-03	B	6.30E-03	6.67E-03	7.11E-01	7.11E+01
BP-39-SUR	Tin-126	1.90E-03	U	4.14E-03	6.87E-03	7.11E-01	7.11E+01
BP-40-SUR	Tin-126	-3.86E-03	U	8.50E-03	8.78E-03	7.11E-01	7.11E+01
BP-41-SUR	Tin-126	-8.90E-04	U	1.42E-01	9.19E-03	7.11E-01	7.11E+01
BP-42-SUR	Tin-126	-7.79E-04	U	9.76E-02	8.66E-03	7.11E-01	7.11E+01

Table 33 - Tin-126 Analytical Results

Sample ID	Analyte	Result (pCi/g)	Qualifier(s)	Uncertainty (+/- pCi/g)	MDC (pCi/g)	Agricultural 10^{-6} PRG (pCi/g)	Agricultural 10^{-4} PRG (pCi/g)
BP-43-SUR	Tin-126	-9.04E-04	U	8.78E-02	8.87E-03	7.11E-01	7.11E+01
BP-44-SUR	Tin-126	-3.43E-03	U	8.76E-03	8.72E-03	7.11E-01	7.11E+01
BP-45-SUR	Tin-126	1.26E-03	U	5.19E-03	8.62E-03	7.11E-01	7.11E+01
BP-46-SUR	Tin-126	4.16E-04	U	4.69E-03	7.82E-03	7.11E-01	7.11E+01
BP-47-SUR	Tin-126	-9.39E-05	U	3.26E-02	7.51E-03	7.11E-01	7.11E+01
BP-48-SUR	Tin-126	-3.99E-03	U	8.99E-03	9.10E-03	7.11E-01	7.11E+01
BP-49-SUR	Tin-126	-1.37E-03	U	5.69E-03	7.87E-03	7.11E-01	7.11E+01
BP-50-SUR	Tin-126	-7.33E-04	U	7.00E-02	7.45E-03	7.11E-01	7.11E+01
BP-51-SUR	Tin-126	9.43E-04	U	4.52E-03	7.48E-03	7.11E-01	7.11E+01
BP-52-SUR	Tin-126	-1.14E-03	U	4.44E-03	5.93E-03	7.11E-01	7.11E+01
BP-53-SUR	Tin-126	1.89E-03	U	5.13E-03	8.51E-03	7.11E-01	7.11E+01
BP-54-SUR	Tin-126	1.03E-03	U	4.04E-03	6.69E-03	7.11E-01	7.11E+01
Bridle Path Subsurface Samples (Santa Susana Formation)							
BP-3-SUB	Tin-126	-3.07E-03	U	2.28E-01	7.52E-03	7.11E-01	7.11E+01
BP-4-SUB	Tin-126	-5.20E-05	U	7.82E-03	6.91E-03	7.11E-01	7.11E+01
BP-5-SUB	Tin-126	9.66E-04	U	5.06E-03	8.42E-03	7.11E-01	7.11E+01
BP-9-SUB	Tin-126	-5.16E-04	U	1.42E-02	7.41E-03	7.11E-01	7.11E+01
BP-12-SUB	Tin-126	-2.31E-05	U	5.33E-03	8.34E-03	7.11E-01	7.11E+01
BP-13-SUB	Tin-126	2.48E-03	U	5.27E-03	8.72E-03	7.11E-01	7.11E+01
BP-14-SUB	Tin-126	-1.48E-03	U	3.35E-02	7.64E-03	7.11E-01	7.11E+01
BP-16-SUB	Tin-126	-3.27E-03	U	8.47E-03	7.49E-03	7.11E-01	7.11E+01
BP-20-SUB	Tin-126	-1.43E-03	U	4.27E-02	8.30E-03	7.11E-01	7.11E+01
BP-23-SUB	Tin-126	1.08E-03	U	4.35E-03	7.23E-03	7.11E-01	7.11E+01
BP-29-SUB	Tin-126	-1.50E-02	U	1.03E-01	1.64E-01	7.11E-01	7.11E+01
BP-34-SUB	Tin-126	-3.91E-03	U	8.85E-03	8.54E-03	7.11E-01	7.11E+01
BP-35-SUB	Tin-126	-2.46E-03	U	1.11E-02	7.58E-03	7.11E-01	7.11E+01
BP-38-SUB	Tin-126	8.77E-04	U	5.43E-03	9.04E-03	7.11E-01	7.11E+01
BP-43-SUB	Tin-126	-2.16E-03	U	1.15E-02	8.72E-03	7.11E-01	7.11E+01
BP-45-SUB	Tin-126	9.25E-04	U	5.31E-03	8.83E-03	7.11E-01	7.11E+01
BP-46-SUB	Tin-126	-2.01E-03	U	1.75E-02	1.02E-02	7.11E-01	7.11E+01
BP-48-SUB	Tin-126	-1.33E-03	U	3.23E-02	8.60E-03	7.11E-01	7.11E+01
BP-50-SUB	Tin-126	-8.15E-04	U	2.21E-01	8.64E-03	7.11E-01	7.11E+01
BP-51-SUB	Tin-126	-2.59E-03	U	1.00E-02	9.18E-03	7.11E-01	7.11E+01

Notes:

pCi/g - Picocuries per gram of dry soil. Analyses for H-3, C-14, Tc-99, and I-129 are reported in units of pCi per gram of "as-received" soil.

MDC - Minimum Detectable Concentration

PRG - Preliminary Remediation Goal

Uncertainty - Reported at the 1.96σ Confidence Interval. Gamma Spec. Reported at the 2σ Confidence Interval.

Data Qualifiers:

B - Analyte present, but not detected substantially above the level reported in laboratory or field blanks.

J - The analyte was detected at the reported concentration: the quantitation is an estimate.

K - Analyte present. Reported value may be biased high. Actual value is expected to be lower.

L - Analyte present. Reported value may be biased low. Actual value is expected to be higher.

R - The result is rejected due to serious deficiences in the ability to analyze the sample and meet the Quality Control criteria.

U - Not considered detected. The associated number is the reported concentration.

UJ - Not considered detected. The associated number is the reported concentration which may be inaccurate.

UL - Not considered detected. The associated number is the reported concentration which may be inaccurate due to a low bias.

X - Excluded. The data point is associated with reanalyses or diluted analyses and is excluded because another result has been selecetd as the definitive result for the analyte

These results are qualified based on the usability of the data for its intended purpose, which is to develop a statistical profile against which to compare individual on-site sample results, to determine the extent of potential site contamination that may be attributable to site activities.

Table 34 - Americium-241 Analytical Results

Sample ID	Analyte	Result (pCi/g)	Qualifier(s)	Uncertainty (+/- pCi/g)	MDC (pCi/g)	Agricultural 10^{-6} PRG (pCi/g)	Agricultural 10^{-4} PRG (pCi/g)
Lang Ranch Surface Samples (Chatsworth Formation)							
LR-1-SUR	Americium-241	-2.29E-04	U	1.08E-02	2.31E-02	1.32E-02	1.32E+00
LR-2-SUR	Americium-241	8.13E-03	U	1.17E-02	1.98E-02	1.32E-02	1.32E+00
LR-3-SUR	Americium-241	2.37E-03	U	9.89E-03	2.51E-02	1.32E-02	1.32E+00
LR-4-SUR	Americium-241	4.28E-03	U	9.85E-03	1.67E-02	1.32E-02	1.32E+00
LR-5-SUR	Americium-241	1.84E-03	U	1.08E-02	1.83E-02	1.32E-02	1.32E+00
LR-6-SUR	Americium-241	3.74E-03	U	1.10E-02	2.15E-02	1.32E-02	1.32E+00
LR-7-SUR	Americium-241	2.02E-03	U	1.19E-02	2.02E-02	1.32E-02	1.32E+00
LR-8-SUR	Americium-241	2.96E-03	U	1.19E-02	2.53E-02	1.32E-02	1.32E+00
LR-9-SUR	Americium-241	6.92E-03	U	1.65E-02	3.46E-02	1.32E-02	1.32E+00
LR-10-SUR	Americium-241	1.79E-03	U	1.05E-02	1.78E-02	1.32E-02	1.32E+00
LR-11-SUR	Americium-241	7.52E-04	U	1.01E-02	1.97E-02	1.32E-02	1.32E+00
LR-12-SUR	Americium-241	1.82E-03	U	1.07E-02	1.81E-02	1.32E-02	1.32E+00
LR-13-SUR	Americium-241	3.59E-03	U	1.47E-02	3.15E-02	1.32E-02	1.32E+00
LR-14-SUR	Americium-241	3.05E-03	U	1.15E-02	1.25E-02	1.32E-02	1.32E+00
LR-15-SUR	Americium-241	-2.94E-03	U	1.03E-02	2.20E-02	1.32E-02	1.32E+00
LR-16-SUR	Americium-241	2.60E-03	U	1.06E-02	2.28E-02	1.32E-02	1.32E+00
LR-17-SUR	Americium-241	-1.23E-03	U	9.87E-03	2.12E-02	1.32E-02	1.32E+00
LR-18-SUR	Americium-241	-3.12E-03	U	1.09E-02	2.33E-02	1.32E-02	1.32E+00
LR-19-SUR	Americium-241	0.00E+00	U	6.01E-03	1.81E-02	1.32E-02	1.32E+00
LR-20-SUR	Americium-241	1.14E-02		9.83E-03	1.40E-02	1.32E-02	1.32E+00
LR-21-SUR	Americium-241	6.33E-03	U	8.06E-03	1.55E-02	1.32E-02	1.32E+00
LR-22-SUR	Americium-241	9.01E-03	U	1.04E-02	1.92E-02	1.32E-02	1.32E+00
LR-23-SUR	Americium-241	0.00E+00	U	5.42E-03	1.58E-02	1.32E-02	1.32E+00
LR-24-SUR	Americium-241	0.00E+00	U	8.25E-03	2.28E-02	1.32E-02	1.32E+00
LR-25-SUR	Americium-241	4.23E-03	U	6.90E-03	1.55E-02	1.32E-02	1.32E+00
LR-26-SUR	Americium-241	7.83E-03	U	1.02E-02	2.00E-02	1.32E-02	1.32E+00
LR-27-SUR	Americium-241	5.17E-03	U	7.26E-03	1.54E-02	1.32E-02	1.32E+00
Lang Ranch Subsurface Samples (Chatsworth Formation)							
LR-3-SUB	Americium-241	1.65E-03	U	8.03E-03	1.91E-02	1.32E-02	1.32E+00
LR-4-SUB	Americium-241	1.92E-03	U	6.33E-03	1.66E-02	1.32E-02	1.32E+00
LR-9-SUB	Americium-241	2.77E-03	U	9.88E-03	2.01E-02	1.32E-02	1.32E+00
LR-13-SUB	Americium-241	6.90E-04	U	4.52E-03	1.38E-02	1.32E-02	1.32E+00
LR-15-SUB	Americium-241	-1.32E-03	U	4.66E-03	1.71E-02	1.32E-02	1.32E+00
LR-18-SUB	Americium-241	1.40E-04	U	4.52E-03	1.45E-02	1.32E-02	1.32E+00
LR-19-SUB	Americium-241	-1.94E-03	U	4.53E-03	1.51E-02	1.32E-02	1.32E+00
LR-23-SUB	Americium-241	-2.10E-03	U	4.53E-03	1.64E-02	1.32E-02	1.32E+00
LR-24-SUB	Americium-241	7.35E-04	U	7.24E-03	2.02E-02	1.32E-02	1.32E+00
LR-26-SUB	Americium-241	2.09E-03	U	5.99E-03	1.47E-02	1.32E-02	1.32E+00
Rocky Peak Surface Samples (Chatsworth Formation)							
RP-1-SUR	Americium-241	3.20E-03	U	5.42E-03	1.28E-02	1.32E-02	1.32E+00
RP-2-SUR	Americium-241	-1.48E-03	U	4.52E-03	1.53E-02	1.32E-02	1.32E+00
RP-3-SUR	Americium-241	1.49E-03	U	4.98E-03	1.39E-02	1.32E-02	1.32E+00
RP-4-SUR	Americium-241	2.99E-03	U	5.81E-03	1.40E-02	1.32E-02	1.32E+00
RP-5-SUR	Americium-241	4.71E-03	U	7.49E-03	1.63E-02	1.32E-02	1.32E+00
RP-6-SUR	Americium-241	6.21E-03	U	7.45E-03	1.45E-02	1.32E-02	1.32E+00
RP-7-SUR	Americium-241	2.22E-02		1.48E-02	2.08E-02	1.32E-02	1.32E+00
RP-8-SUR	Americium-241	6.86E-03	U	8.06E-03	1.54E-02	1.32E-02	1.32E+00
RP-9-SUR	Americium-241	-1.36E-03	U	5.84E-03	1.73E-02	1.32E-02	1.32E+00
RP-10-SUR	Americium-241	7.97E-03	U	8.85E-03	1.66E-02	1.32E-02	1.32E+00
RP-11-SUR	Americium-241	-1.59E-03	U	8.05E-03	2.21E-02	1.32E-02	1.32E+00
RP-12-SUR	Americium-241	5.47E-03	U	7.70E-03	1.63E-02	1.32E-02	1.32E+00
RP-13-SUR	Americium-241	1.62E-03	U	4.52E-03	1.30E-02	1.32E-02	1.32E+00
RP-14-SUR	Americium-241	2.85E-03	U	8.71E-03	1.99E-02	1.32E-02	1.32E+00
RP-15-SUR	Americium-241	3.16E-03	U	6.85E-03	1.64E-02	1.32E-02	1.32E+00
RP-16-SUR	Americium-241	2.39E-02		1.38E-02	1.60E-02	1.32E-02	1.32E+00
RP-17-SUR	Americium-241	1.31E-03	U	6.69E-03	1.67E-02	1.32E-02	1.32E+00
RP-18-SUR	Americium-241	4.46E-03	U	7.09E-03	1.54E-02	1.32E-02	1.32E+00
RP-19-SUR	Americium-241	2.06E-03	U	1.01E-02	2.71E-02	1.32E-02	1.32E+00
RP-20-SUR	Americium-241	2.63E-03	U	9.38E-03	1.91E-02	1.32E-02	1.32E+00
RP-21-SUR	Americium-241	-9.38E-04	U	1.06E-02	2.16E-02	1.32E-02	1.32E+00

Table 34 - Americium-241 Analytical Results

Sample ID	Analyte	Result (pCi/g)	Qualifier(s)	Uncertainty (+/- pCi/g)	MDC (pCi/g)	Agricultural 10^{-6} PRG (pCi/g)	Agricultural 10^{-4} PRG (pCi/g)
RP-22-SUR	Americium-241	2.33E-03	U	1.22E-02	2.81E-02	1.32E-02	1.32E+00
RP-23-SUR	Americium-241	-2.47E-03	U	1.58E-02	4.38E-02	1.32E-02	1.32E+00
RP-24-SUR	Americium-241	3.12E-03	U	1.11E-02	2.27E-02	1.32E-02	1.32E+00
RP-25-SUR	Americium-241	-2.80E-03	U	1.05E-02	2.65E-02	1.32E-02	1.32E+00
RP-26-SUR	Americium-241	4.00E-03	U	1.09E-02	1.49E-02	1.32E-02	1.32E+00
RP-27-SUR	Americium-241	5.03E-03	U	1.14E-02	2.68E-02	1.32E-02	1.32E+00
RP-28-SUR	Americium-241	1.50E-03	U	1.01E-02	2.33E-02	1.32E-02	1.32E+00
Rocky Peak Subsurface Samples (Chatsworth Formation)							
RP-1-SUB	Americium-241	1.10E-03	U	1.07E-02	2.69E-02	1.32E-02	1.32E+00
RP-5-SUB	Americium-241	3.67E-03	U	1.08E-02	2.10E-02	1.32E-02	1.32E+00
RP-7-SUB	Americium-241	-3.15E-03	U	1.19E-02	2.99E-02	1.32E-02	1.32E+00
RP-12-SUB	Americium-241	-1.15E-03	U	1.30E-02	2.65E-02	1.32E-02	1.32E+00
RP-13-SUB	Americium-241	1.20E-02	U	1.51E-02	2.67E-02	1.32E-02	1.32E+00
RP-17-SUB	Americium-241	3.24E-03	U	1.16E-02	2.35E-02	1.32E-02	1.32E+00
RP-18-SUB	Americium-241	-1.98E-03	U	1.12E-02	2.58E-02	1.32E-02	1.32E+00
RP-19-SUB	Americium-241	-9.91E-04	U	1.12E-02	2.28E-02	1.32E-02	1.32E+00
RP-20-SUB	Americium-241	5.87E-03	U	1.31E-02	3.07E-02	1.32E-02	1.32E+00
RP-28-SUB	Americium-241	-6.23E-03	U	1.30E-02	4.16E-02	1.32E-02	1.32E+00
Bridle Path Surface Samples (Santa Susana Formation)							
BP-1-SUR	Americium-241	5.00E-03	U	1.01E-02	1.46E-02	1.32E-02	1.32E+00
BP-2-SUR	Americium-241	1.88E-03	U	1.11E-02	1.88E-02	1.32E-02	1.32E+00
BP-3-SUR	Americium-241	1.09E-02	U	1.08E-02	1.12E-02	1.32E-02	1.32E+00
BP-4-SUR	Americium-241	7.65E-03	U	1.18E-02	1.99E-02	1.32E-02	1.32E+00
BP-5-SUR	Americium-241	4.96E-04	U	1.10E-02	2.53E-02	1.32E-02	1.32E+00
BP-6-SUR	Americium-241	-2.39E-03	U	1.25E-02	2.43E-02	1.32E-02	1.32E+00
BP-7-SUR	Americium-241	1.72E-03	U	1.39E-02	3.65E-02	1.32E-02	1.32E+00
BP-8-SUR	Americium-241	5.26E-03	U	9.97E-03	2.10E-02	1.32E-02	1.32E+00
BP-9-SUR	Americium-241	7.23E-03	U	1.02E-02	2.00E-02	1.32E-02	1.32E+00
BP-10-SUR	Americium-241	8.28E-03	U	1.06E-02	1.78E-02	1.32E-02	1.32E+00
BP-11-SUR	Americium-241	1.98E-03	U	1.33E-02	3.06E-02	1.32E-02	1.32E+00
BP-12-SUR	Americium-241	6.89E-03	U	1.14E-02	2.22E-02	1.32E-02	1.32E+00
BP-13-SUR	Americium-241	8.35E-03	U	1.22E-02	2.41E-02	1.32E-02	1.32E+00
BP-14-SUR	Americium-241	1.38E-02	U	1.62E-02	2.85E-02	1.32E-02	1.32E+00
BP-15-SUR	Americium-241	7.23E-03	U	1.05E-02	2.03E-02	1.32E-02	1.32E+00
BP-16-SUR	Americium-241	1.44E-02		1.32E-02	1.61E-02	1.32E-02	1.32E+00
BP-17-SUR	Americium-241	1.13E-02	U	1.25E-02	1.98E-02	1.32E-02	1.32E+00
BP-18-SUR	Americium-241	1.36E-02		1.21E-02	1.11E-02	1.32E-02	1.32E+00
BP-19-SUR	Americium-241	-2.88E-03	U	1.08E-02	2.73E-02	1.32E-02	1.32E+00
BP-20-SUR	Americium-241	0.00E+00	U	1.14E-02	1.56E-02	1.32E-02	1.32E+00
BP-21-SUR	Americium-241	1.29E-03	U	1.25E-02	3.15E-02	1.32E-02	1.32E+00
BP-22-SUR	Americium-241	1.10E-03	U	1.07E-02	2.69E-02	1.32E-02	1.32E+00
BP-23-SUR	Americium-241	5.31E-03	U	1.20E-02	2.83E-02	1.32E-02	1.32E+00
BP-24-SUR	Americium-241	3.58E-03	U	1.28E-02	2.60E-02	1.32E-02	1.32E+00
BP-25-SUR	Americium-241	5.63E-03	U	1.25E-02	2.81E-02	1.32E-02	1.32E+00
BP-26-SUR	Americium-241	-2.33E-03	U	1.32E-02	3.04E-02	1.32E-02	1.32E+00
BP-27-SUR	Americium-241	-1.43E-03	U	1.62E-02	3.29E-02	1.32E-02	1.32E+00
BP-28-SUR	Americium-241	-2.31E-03	U	1.48E-02	4.11E-02	1.32E-02	1.32E+00
BP-29-SUR	Americium-241	-1.12E-03	U	1.26E-02	2.57E-02	1.32E-02	1.32E+00
BP-30-SUR	Americium-241	2.08E-03	U	1.08E-02	2.50E-02	1.32E-02	1.32E+00
BP-31-SUR	Americium-241	3.58E-03	U	1.28E-02	2.60E-02	1.32E-02	1.32E+00
BP-32-SUR	Americium-241	-2.84E-03	U	1.07E-02	2.69E-02	1.32E-02	1.32E+00
BP-33-SUR	Americium-241	4.47E-03	U	1.21E-02	1.66E-02	1.32E-02	1.32E+00
BP-34-SUR	Americium-241	-3.09E-03	U	1.16E-02	2.93E-02	1.32E-02	1.32E+00
BP-35-SUR	Americium-241	-1.32E-03	U	9.16E-03	2.72E-02	1.32E-02	1.32E+00
BP-36-SUR	Americium-241	2.86E-03	U	1.02E-02	2.08E-02	1.32E-02	1.32E+00
BP-37-SUR	Americium-241	7.32E-03	U	1.17E-02	2.29E-02	1.32E-02	1.32E+00
BP-38-SUR	Americium-241	2.37E-03	U	1.24E-02	2.86E-02	1.32E-02	1.32E+00
BP-39-SUR	Americium-241	3.30E-03	U	1.18E-02	2.39E-02	1.32E-02	1.32E+00
BP-40-SUR	Americium-241	5.29E-03	U	1.18E-02	2.77E-02	1.32E-02	1.32E+00
BP-41-SUR	Americium-241	-1.09E-02	U	1.18E-02	4.58E-02	1.32E-02	1.32E+00
BP-42-SUR	Americium-241	-9.70E-04	U	1.10E-02	2.23E-02	1.32E-02	1.32E+00

Table 34 - Americium-241 Analytical Results

Sample ID	Analyte	Result (pCi/g)	Qualifier(s)	Uncertainty (+/- pCi/g)	MDC (pCi/g)	Agricultural 10^{-6} PRG (pCi/g)	Agricultural 10^{-4} PRG (pCi/g)
BP-43-SUR	Americium-241	-1.80E-03	U	1.02E-02	2.35E-02	1.32E-02	1.32E+00
BP-44-SUR	Americium-241	1.09E-02	U	1.36E-02	2.18E-02	1.32E-02	1.32E+00
BP-45-SUR	Americium-241	5.12E-03	U	1.16E-02	2.73E-02	1.32E-02	1.32E+00
BP-46-SUR	Americium-241	2.96E-03	U	1.13E-02	1.55E-02	1.32E-02	1.32E+00
BP-47-SUR	Americium-241	-2.71E-03	U	1.02E-02	2.57E-02	1.32E-02	1.32E+00
BP-48-SUR	Americium-241	1.14E-03	U	1.10E-02	2.78E-02	1.32E-02	1.32E+00
BP-49-SUR	Americium-241	5.30E-03	U	1.20E-02	2.83E-02	1.32E-02	1.32E+00
BP-50-SUR	Americium-241	1.77E-02	U	1.88E-02	2.60E-02	1.32E-02	1.32E+00
BP-51-SUR	Americium-241	-5.09E-03	U	9.95E-03	2.95E-02	1.32E-02	1.32E+00
BP-52-SUR	Americium-241	2.57E-03	U	9.16E-03	1.86E-02	1.32E-02	1.32E+00
BP-53-SUR	Americium-241	2.85E-03	U	1.02E-02	2.07E-02	1.32E-02	1.32E+00
BP-54-SUR	Americium-241	7.27E-03	U	1.37E-02	2.99E-02	1.32E-02	1.32E+00
Bridle Path Subsurface Samples (Santa Susana Formation)							
BP-3-SUB	Americium-241	-1.02E-02	U	1.08E-02	4.20E-02	1.32E-02	1.32E+00
BP-4-SUB	Americium-241	-9.81E-04	U	1.11E-02	2.25E-02	1.32E-02	1.32E+00
BP-5-SUB	Americium-241	-3.37E-03	U	1.27E-02	3.19E-02	1.32E-02	1.32E+00
BP-9-SUB	Americium-241	3.21E-03	U	1.15E-02	2.33E-02	1.32E-02	1.32E+00
BP-12-SUB	Americium-241	7.86E-03	U	1.10E-02	1.46E-02	1.32E-02	1.32E+00
BP-13-SUB	Americium-241	1.24E-03	U	1.20E-02	3.03E-02	1.32E-02	1.32E+00
BP-14-SUB	Americium-241	-2.92E-03	U	1.10E-02	2.77E-02	1.32E-02	1.32E+00
BP-16-SUB	Americium-241	-3.16E-03	U	1.19E-02	3.00E-02	1.32E-02	1.32E+00
BP-20-SUB	Americium-241	8.15E-03	U	1.31E-02	2.56E-02	1.32E-02	1.32E+00
BP-23-SUB	Americium-241	2.06E-03	U	1.01E-02	2.71E-02	1.32E-02	1.32E+00
BP-29-SUB	Americium-241	-3.05E-03	U	1.18E-02	2.96E-02	1.32E-02	1.32E+00
BP-34-SUB	Americium-241	6.31E-03	U	1.01E-02	1.98E-02	1.32E-02	1.32E+00
BP-35-SUB	Americium-241	-9.61E-04	U	1.08E-02	2.21E-02	1.32E-02	1.32E+00
BP-38-SUB	Americium-241	-1.91E-03	U	1.08E-02	2.49E-02	1.32E-02	1.32E+00
BP-43-SUB	Americium-241	1.34E-02	U	1.34E-02	2.13E-02	1.32E-02	1.32E+00
BP-45-SUB	Americium-241	-7.77E-03	U	1.37E-02	3.69E-02	1.32E-02	1.32E+00
BP-46-SUB	Americium-241	1.02E-02	U	1.27E-02	2.28E-02	1.32E-02	1.32E+00
BP-48-SUB	Americium-241	1.51E-03	U	1.01E-02	2.33E-02	1.32E-02	1.32E+00
BP-50-SUB	Americium-241	1.02E-02	U	1.13E-02	1.79E-02	1.32E-02	1.32E+00
BP-51-SUB	Americium-241	3.22E-03	U	1.27E-02	2.74E-02	1.32E-02	1.32E+00

Notes:

pCi/g - Picocuries per gram of dry soil. Analyses for H-3, C-14, Tc-99, and I-129 are reported in units of pCi per gram of "as-received" soil.

MDC - Minimum Detectable Concentration

PRG - Preliminary Remediation Goal

Uncertainty - Reported at the 1.96σ Confidence Interval. Gamma Spec. Reported at the 2σ Confidence Interval.

Data Qualifiers:

B - Analyte present, but not detected substantially above the level reported in laboratory or field blanks.

J - The analyte was detected at the reported concentration: the quantitation is an estimate.

K - Analyte present. Reported value may be biased high. Actual value is expected to be lower.

L - Analyte present. Reported value may be biased low. Actual value is expected to be higher.

R - The result is rejected due to serious deficiences in the ability to analyze the sample and meet the Quality Control criteria.

U - Not considered detected. The associated number is the reported concentration.

UJ - Not considered detected. The associated number is the reported concentration which may be inaccurate.

UL - Not considered detected. The associated number is the reported concentration which may be inaccurate due to a low bias.

X - Excluded. The data point is associated with reanalyses or diluted analyses and is excluded because another result has been selecetd as the definitive result for the analyte

These results are qualified based on the usability of the data for its intended purpose, which is to develop a statistical profile against which to compare individual on-site sample results, to determine the extent of potential site contamination that may be attributable to site activities.

Table 35 - Americium-243 Analytical Results

Sample ID	Analyte	Result (pCi/g)	Qualifier(s)	Uncertainty (+/- pCi/g)	MDC (pCi/g)	Agricultural 10^{-6} PRG (pCi/g)	Agricultural 10^{-4} PRG (pCi/g)
Lang Ranch Surface Samples (Chatsworth Formation)							
LR-1-SUR	Americium-243	4.93E-03	U	1.05E-02	2.37E-02	1.11E-02	1.11E+00
LR-2-SUR	Americium-243	0.00E+00	U	6.78E-03	1.77E-02	1.11E-02	1.11E+00
LR-3-SUR	Americium-243	2.38E-03	U	6.78E-03	1.59E-02	1.11E-02	1.11E+00
LR-4-SUR	Americium-243	-2.23E-03	U	6.78E-03	2.17E-02	1.11E-02	1.11E+00
LR-5-SUR	Americium-243	-5.66E-03	U	6.83E-03	2.75E-02	1.11E-02	1.11E+00
LR-6-SUR	Americium-243	1.23E-02	U	1.31E-02	2.12E-02	1.11E-02	1.11E+00
LR-7-SUR	Americium-243	6.01E-03	U	9.04E-03	1.83E-02	1.11E-02	1.11E+00
LR-8-SUR	Americium-243	4.28E-03	U	1.20E-02	2.65E-02	1.11E-02	1.11E+00
LR-9-SUR	Americium-243	6.97E-03	U	1.14E-02	2.36E-02	1.11E-02	1.11E+00
LR-10-SUR	Americium-243	2.38E-03	U	6.78E-03	1.59E-02	1.11E-02	1.11E+00
LR-11-SUR	Americium-243	1.04E-02	U	1.76E-02	3.49E-02	1.11E-02	1.11E+00
LR-12-SUR	Americium-243	4.90E-03	U	1.22E-02	2.73E-02	1.11E-02	1.11E+00
LR-13-SUR	Americium-243	2.34E-03	U	1.09E-02	2.64E-02	1.11E-02	1.11E+00
LR-14-SUR	Americium-243	4.98E-03	U	1.07E-02	2.41E-02	1.11E-02	1.11E+00
LR-15-SUR	Americium-243	2.85E-03	U	1.09E-02	2.77E-02	1.11E-02	1.11E+00
LR-16-SUR	Americium-243	2.03E-03	U	7.17E-03	1.85E-02	1.11E-02	1.11E+00
LR-17-SUR	Americium-243	2.12E-03	U	1.11E-02	2.62E-02	1.11E-02	1.11E+00
LR-18-SUR	Americium-243	7.31E-03	U	1.20E-02	2.47E-02	1.11E-02	1.11E+00
LR-19-SUR	Americium-243	-2.11E-03	U	9.11E-03	2.27E-02	1.11E-02	1.11E+00
LR-20-SUR	Americium-243	3.50E-03	U	9.27E-03	2.19E-02	1.11E-02	1.11E+00
LR-21-SUR	Americium-243	-8.80E-04	U	9.85E-03	2.62E-02	1.11E-02	1.11E+00
LR-22-SUR	Americium-243	-3.31E-04	U	9.68E-03	2.44E-02	1.11E-02	1.11E+00
LR-23-SUR	Americium-243	3.03E-03	U	1.10E-02	2.76E-02	1.11E-02	1.11E+00
LR-24-SUR	Americium-243	9.62E-03	U	1.10E-02	1.95E-02	1.11E-02	1.11E+00
LR-25-SUR	Americium-243	-6.11E-04	U	9.84E-03	2.57E-02	1.11E-02	1.11E+00
LR-26-SUR	Americium-243	6.87E-03	U	1.20E-02	2.52E-02	1.11E-02	1.11E+00
LR-27-SUR	Americium-243	3.52E-03	U	9.62E-03	2.30E-02	1.11E-02	1.11E+00
Lang Ranch Subsurface Samples (Chatsworth Formation)							
LR-3-SUB	Americium-243	-6.16E-04	U	8.65E-03	2.39E-02	1.11E-02	1.11E+00
LR-4-SUB	Americium-243	0.00E+00	U	9.36E-03	2.38E-02	1.11E-02	1.11E+00
LR-9-SUB	Americium-243	8.47E-03	U	1.41E-02	2.73E-02	1.11E-02	1.11E+00
LR-13-SUB	Americium-243	0.00E+00	U	1.14E-02	2.90E-02	1.11E-02	1.11E+00
LR-15-SUB	Americium-243	8.24E-03	U	1.16E-02	2.28E-02	1.11E-02	1.11E+00
LR-18-SUB	Americium-243	-1.04E-03	U	9.90E-03	1.73E-02	1.11E-02	1.11E+00
LR-19-SUB	Americium-243	-2.34E-04	U	1.59E-02	3.92E-02	1.11E-02	1.11E+00
LR-23-SUB	Americium-243	-5.95E-04	U	8.36E-03	2.31E-02	1.11E-02	1.11E+00
LR-24-SUB	Americium-243	0.00E+00	U	9.30E-03	2.36E-02	1.11E-02	1.11E+00
LR-26-SUB	Americium-243	1.49E-03	U	9.47E-03	1.65E-02	1.11E-02	1.11E+00
Rocky Peak Surface Samples (Chatsworth Formation)							
RP-1-SUR	Americium-243	-4.09E-03	U	6.40E-03	2.35E-02	1.11E-02	1.11E+00
RP-2-SUR	Americium-243	0.00E+00	U	8.25E-03	2.27E-02	1.11E-02	1.11E+00
RP-3-SUR	Americium-243	3.85E-03	U	8.47E-03	1.96E-02	1.11E-02	1.11E+00
RP-4-SUR	Americium-243	4.04E-03	U	7.76E-03	1.80E-02	1.11E-02	1.11E+00
RP-5-SUR	Americium-243	4.65E-03	U	1.09E-02	2.51E-02	1.11E-02	1.11E+00
RP-6-SUR	Americium-243	0.00E+00	U	5.42E-03	1.58E-02	1.11E-02	1.11E+00
RP-7-SUR	Americium-243	5.07E-03	U	9.14E-03	1.94E-02	1.11E-02	1.11E+00
RP-8-SUR	Americium-243	1.98E-03	U	8.48E-03	2.15E-02	1.11E-02	1.11E+00
RP-9-SUR	Americium-243	-6.72E-03	U	7.75E-03	2.81E-02	1.11E-02	1.11E+00
RP-10-SUR	Americium-243	6.59E-03	U	1.54E-02	3.23E-02	1.11E-02	1.11E+00
RP-11-SUR	Americium-243	-2.06E-03	U	6.72E-03	2.24E-02	1.11E-02	1.11E+00
RP-12-SUR	Americium-243	0.00E+00	U	1.03E-02	2.65E-02	1.11E-02	1.11E+00
RP-13-SUR	Americium-243	4.47E-03	U	9.19E-03	2.13E-02	1.11E-02	1.11E+00
RP-14-SUR	Americium-243	-2.06E-03	U	5.72E-03	2.10E-02	1.11E-02	1.11E+00
RP-15-SUR	Americium-243	4.03E-03	U	6.61E-03	1.48E-02	1.11E-02	1.11E+00
RP-16-SUR	Americium-243	-5.51E-03	U	5.55E-03	2.21E-02	1.11E-02	1.11E+00
RP-17-SUR	Americium-243	2.00E-03	U	7.87E-03	2.04E-02	1.11E-02	1.11E+00
RP-18-SUR	Americium-243	2.04E-03	U	6.71E-03	1.82E-02	1.11E-02	1.11E+00
RP-19-SUR	Americium-243	-1.81E-03	U	8.16E-03	2.05E-02	1.11E-02	1.11E+00
RP-20-SUR	Americium-243	8.70E-03	U	1.12E-02	1.92E-02	1.11E-02	1.11E+00
RP-21-SUR	Americium-243	4.16E-03	U	1.12E-02	2.82E-02	1.11E-02	1.11E+00

Table 35 - Americium-243 Analytical Results

Sample ID	Analyte	Result (pCi/g)	Qualifier(s)	Uncertainty (+/- pCi/g)	MDC (pCi/g)	Agricultural 10^{-6} PRG (pCi/g)	Agricultural 10^{-4} PRG (pCi/g)
RP-22-SUR	Americium-243	1.34E-04	U	7.29E-03	2.03E-02	1.11E-02	1.11E+00
RP-23-SUR	Americium-243	6.27E-03	U	1.19E-02	2.55E-02	1.11E-02	1.11E+00
RP-24-SUR	Americium-243	9.54E-03	U	1.26E-02	2.30E-02	1.11E-02	1.11E+00
RP-25-SUR	Americium-243	-2.13E-03	U	9.63E-03	2.42E-02	1.11E-02	1.11E+00
RP-26-SUR	Americium-243	-3.83E-03	U	9.45E-03	3.25E-02	1.11E-02	1.11E+00
RP-27-SUR	Americium-243	8.30E-03	U	1.08E-02	1.90E-02	1.11E-02	1.11E+00
RP-28-SUR	Americium-243	3.88E-04	U	8.08E-03	2.21E-02	1.11E-02	1.11E+00
Rocky Peak Subsurface Samples (Chatsworth Formation)							
RP-1-SUB	Americium-243	1.45E-03	U	9.85E-03	2.47E-02	1.11E-02	1.11E+00
RP-5-SUB	Americium-243	5.77E-03	U	9.66E-03	2.02E-02	1.11E-02	1.11E+00
RP-7-SUB	Americium-243	3.20E-03	U	9.78E-03	2.56E-02	1.11E-02	1.11E+00
RP-12-SUB	Americium-243	-1.71E-03	U	9.27E-03	2.90E-02	1.11E-02	1.11E+00
RP-13-SUB	Americium-243	3.34E-04	U	9.04E-03	2.49E-02	1.11E-02	1.11E+00
RP-17-SUB	Americium-243	-1.26E-04	U	1.13E-02	2.67E-02	1.11E-02	1.11E+00
RP-18-SUB	Americium-243	7.16E-03	U	1.21E-02	1.81E-02	1.11E-02	1.11E+00
RP-19-SUB	Americium-243	6.94E-03	U	1.08E-02	2.23E-02	1.11E-02	1.11E+00
RP-20-SUB	Americium-243	-5.75E-03	U	1.18E-02	4.11E-02	1.11E-02	1.11E+00
RP-28-SUB	Americium-243	4.39E-03	U	1.01E-02	2.52E-02	1.11E-02	1.11E+00
Bridle Path Surface Samples (Santa Susana Formation)							
BP-1-SUR	Americium-243	4.77E-03	U	9.93E-03	2.12E-02	1.11E-02	1.11E+00
BP-2-SUR	Americium-243	-1.07E-03	U	1.12E-02	2.53E-02	1.11E-02	1.11E+00
BP-3-SUR	Americium-243	1.06E-02	U	1.19E-02	1.92E-02	1.11E-02	1.11E+00
BP-4-SUR	Americium-243	1.04E-03	U	1.15E-02	2.76E-02	1.11E-02	1.11E+00
BP-5-SUR	Americium-243	7.18E-04	U	1.35E-02	3.31E-02	1.11E-02	1.11E+00
BP-6-SUR	Americium-243	-1.83E-03	U	1.56E-02	3.61E-02	1.11E-02	1.11E+00
BP-7-SUR	Americium-243	3.26E-03	U	1.11E-02	2.39E-02	1.11E-02	1.11E+00
BP-8-SUR	Americium-243	2.12E-03	U	1.25E-02	2.11E-02	1.11E-02	1.11E+00
BP-9-SUR	Americium-243	3.08E-03	U	1.16E-02	1.26E-02	1.11E-02	1.11E+00
BP-10-SUR	Americium-243	9.26E-03	U	1.15E-02	2.07E-02	1.11E-02	1.11E+00
BP-11-SUR	Americium-243	4.04E-03	U	1.15E-02	2.21E-02	1.11E-02	1.11E+00
BP-12-SUR	Americium-243	8.65E-04	U	1.16E-02	2.27E-02	1.11E-02	1.11E+00
BP-13-SUR	Americium-243	6.23E-03	U	1.18E-02	1.27E-02	1.11E-02	1.11E+00
BP-14-SUR	Americium-243	-8.65E-04	U	1.25E-02	2.68E-02	1.11E-02	1.11E+00
BP-15-SUR	Americium-243	4.79E-03	U	9.41E-03	2.01E-02	1.11E-02	1.11E+00
BP-16-SUR	Americium-243	7.28E-03	U	1.21E-02	2.34E-02	1.11E-02	1.11E+00
BP-17-SUR	Americium-243	8.19E-03	U	1.17E-02	1.98E-02	1.11E-02	1.11E+00
BP-18-SUR	Americium-243	4.66E-03	U	1.31E-02	3.13E-02	1.11E-02	1.11E+00
BP-19-SUR	Americium-243	4.29E-03	U	1.37E-02	1.48E-02	1.11E-02	1.11E+00
BP-20-SUR	Americium-243	7.31E-03	U	1.52E-02	3.26E-02	1.11E-02	1.11E+00
BP-21-SUR	Americium-243	5.47E-03	U	1.07E-02	2.30E-02	1.11E-02	1.11E+00
BP-22-SUR	Americium-243	5.59E-03	U	1.29E-02	2.91E-02	1.11E-02	1.11E+00
BP-23-SUR	Americium-243	-1.14E-03	U	1.19E-02	2.02E-02	1.11E-02	1.11E+00
BP-24-SUR	Americium-243	-1.94E-04	U	1.22E-02	2.91E-02	1.11E-02	1.11E+00
BP-25-SUR	Americium-243	3.92E-03	U	1.23E-02	3.01E-02	1.11E-02	1.11E+00
BP-26-SUR	Americium-243	1.88E-03	U	1.26E-02	2.91E-02	1.11E-02	1.11E+00
BP-27-SUR	Americium-243	0.00E+00	U	1.44E-02	1.56E-02	1.11E-02	1.11E+00
BP-28-SUR	Americium-243	-1.58E-03	U	8.09E-03	2.06E-02	1.11E-02	1.11E+00
BP-29-SUR	Americium-243	-2.56E-04	U	1.21E-02	2.58E-02	1.11E-02	1.11E+00
BP-30-SUR	Americium-243	-1.18E-03	U	1.23E-02	2.80E-02	1.11E-02	1.11E+00
BP-31-SUR	Americium-243	2.12E-03	U	1.25E-02	2.12E-02	1.11E-02	1.11E+00
BP-32-SUR	Americium-243	-2.29E-03	U	1.31E-02	3.13E-02	1.11E-02	1.11E+00
BP-33-SUR	Americium-243	1.34E-02	U	1.79E-02	3.37E-02	1.11E-02	1.11E+00
BP-34-SUR	Americium-243	4.69E-03	U	1.13E-02	2.42E-02	1.11E-02	1.11E+00
BP-35-SUR	Americium-243	4.82E-04	U	9.20E-03	1.85E-02	1.11E-02	1.11E+00
BP-36-SUR	Americium-243	4.49E-03	U	9.56E-03	2.11E-02	1.11E-02	1.11E+00
BP-37-SUR	Americium-243	9.71E-04	U	9.26E-03	2.21E-02	1.11E-02	1.11E+00
BP-38-SUR	Americium-243	8.14E-04	U	1.00E-02	1.95E-02	1.11E-02	1.11E+00
BP-39-SUR	Americium-243	7.44E-03	U	1.11E-02	2.25E-02	1.11E-02	1.11E+00
BP-40-SUR	Americium-243	2.51E-03	U	9.61E-03	1.06E-02	1.11E-02	1.11E+00
BP-41-SUR	Americium-243	6.14E-03	U	1.18E-02	1.29E-02	1.11E-02	1.11E+00
BP-42-SUR	Americium-243	2.56E-03	U	9.59E-03	1.93E-02	1.11E-02	1.11E+00

Table 35 - Americium-243 Analytical Results

Sample ID	Analyte	Result (pCi/g)	Qualifier(s)	Uncertainty (+/- pCi/g)	MDC (pCi/g)	Agricultural 10^{-6} PRG (pCi/g)	Agricultural 10^{-4} PRG (pCi/g)
BP-43-SUR	Americium-243	1.10E-04	U	8.43E-03	2.13E-02	1.11E-02	1.11E+00
BP-44-SUR	Americium-243	2.14E-03	U	9.41E-03	2.05E-02	1.11E-02	1.11E+00
BP-45-SUR	Americium-243	6.63E-03	U	1.08E-02	1.72E-02	1.11E-02	1.11E+00
BP-46-SUR	Americium-243	9.95E-03	U	1.12E-02	1.84E-02	1.11E-02	1.11E+00
BP-47-SUR	Americium-243	-9.59E-04	U	1.05E-02	1.78E-02	1.11E-02	1.11E+00
BP-48-SUR	Americium-243	5.79E-03	U	9.75E-03	2.07E-02	1.11E-02	1.11E+00
BP-49-SUR	Americium-243	4.49E-03	U	1.04E-02	2.37E-02	1.11E-02	1.11E+00
BP-50-SUR	Americium-243	5.01E-04	U	9.57E-03	1.93E-02	1.11E-02	1.11E+00
BP-51-SUR	Americium-243	4.18E-03	U	8.88E-03	1.96E-02	1.11E-02	1.11E+00
BP-52-SUR	Americium-243	9.81E-04	U	9.37E-03	2.24E-02	1.11E-02	1.11E+00
BP-53-SUR	Americium-243	8.04E-03	U	9.91E-03	1.80E-02	1.11E-02	1.11E+00
BP-54-SUR	Americium-243	2.52E-03	U	9.83E-03	2.18E-02	1.11E-02	1.11E+00
Bridle Path Subsurface Samples (Santa Susana Formation)							
BP-3-SUB	Americium-243	8.19E-03	U	1.18E-02	1.98E-02	1.11E-02	1.11E+00
BP-4-SUB	Americium-243	1.01E-03	U	1.12E-02	2.68E-02	1.11E-02	1.11E+00
BP-5-SUB	Americium-243	-6.47E-03	U	1.36E-02	3.32E-02	1.11E-02	1.11E+00
BP-9-SUB	Americium-243	5.48E-03	U	1.08E-02	2.30E-02	1.11E-02	1.11E+00
BP-12-SUB	Americium-243	7.83E-03	U	1.28E-02	2.66E-02	1.11E-02	1.11E+00
BP-13-SUB	Americium-243	9.71E-03	U	1.15E-02	2.04E-02	1.11E-02	1.11E+00
BP-14-SUB	Americium-243	8.73E-03	U	1.10E-02	1.85E-02	1.11E-02	1.11E+00
BP-16-SUB	Americium-243	3.73E-03	U	1.10E-02	2.14E-02	1.11E-02	1.11E+00
BP-20-SUB	Americium-243	1.79E-03	U	1.05E-02	1.78E-02	1.11E-02	1.11E+00
BP-23-SUB	Americium-243	6.08E-03	U	1.15E-02	1.24E-02	1.11E-02	1.11E+00
BP-29-SUB	Americium-243	3.93E-03	U	9.03E-03	2.05E-02	1.11E-02	1.11E+00
BP-34-SUB	Americium-243	1.25E-02	U	1.64E-02	3.42E-02	1.11E-02	1.11E+00
BP-35-SUB	Americium-243	1.05E-02	U	1.32E-02	1.42E-02	1.11E-02	1.11E+00
BP-38-SUB	Americium-243	-2.81E-04	U	1.32E-02	2.83E-02	1.11E-02	1.11E+00
BP-43-SUB	Americium-243	9.83E-03	U	1.39E-02	2.72E-02	1.11E-02	1.11E+00
BP-45-SUB	Americium-243	6.93E-03	U	1.15E-02	2.23E-02	1.11E-02	1.11E+00
BP-46-SUB	Americium-243	4.21E-03	U	1.20E-02	2.31E-02	1.11E-02	1.11E+00
BP-48-SUB	Americium-243	9.31E-04	U	1.25E-02	2.44E-02	1.11E-02	1.11E+00
BP-50-SUB	Americium-243	5.04E-03	U	1.43E-02	3.44E-02	1.11E-02	1.11E+00
BP-51-SUB	Americium-243	-2.23E-03	U	1.27E-02	3.05E-02	1.11E-02	1.11E+00

Notes:

pCi/g - Picocuries per gram of dry soil. Analyses for H-3, C-14, Tc-99, and I-129 are reported in units of pCi per gram of "as-received" soil.

MDC - Minimum Detectable Concentration

PRG - Preliminary Remediation Goal

Uncertainty - Reported at the 1.96σ Confidence Interval. Gamma Spec. Reported at the 2σ Confidence Interval.

Data Qualifiers:

B - Analyte present, but not detected substantially above the level reported in laboratory or field blanks.

J - The analyte was detected at the reported concentration: the quantitation is an estimate.

K - Analyte present. Reported value may be biased high. Actual value is expected to be lower.

L - Analyte present. Reported value may be biased low. Actual value is expected to be higher.

R - The result is rejected due to serious deficiences in the ability to analyze the sample and meet the Quality Control criteria.

U - Not considered detected. The associated number is the reported concentration.

UJ - Not considered detected. The associated number is the reported concentration which may be inaccurate.

UL - Not considered detected. The associated number is the reported concentration which may be inaccurate due to a low bias.

X - Excluded. The data point is associated with reanalyses or diluted analyses and is excluded because another result has been selecetd as the definitive result for the analyte

These results are qualified based on the usability of the data for its intended purpose, which is to develop a statistical profile against which to compare individual on-site sample results, to determine the extent of potential site contamination that may be attributable to site activities.

Table 36 - Curium-243/244 Analytical Results

Sample ID	Analyte	Result (pCi/g)	Qualifier(s)	Uncertainty (+/- pCi/g)	MDC (pCi/g)	Agricultural 10^{-6} PRG (pCi/g)	Agricultural 10^{-4} PRG (pCi/g)
Lang Ranch Surface Samples (Chatsworth Formation)							
LR-1-SUR	Cm-243/244	1.63E-03	U	1.10E-02	2.54E-02	1.27E-01	1.27E+01
LR-2-SUR	Cm-243/244	-9.07E-03	U	1.20E-02	3.33E-02	1.27E-01	1.27E+01
LR-3-SUR	Cm-243/244	-2.33E-03	U	9.99E-03	2.81E-02	1.27E-01	1.27E+01
LR-4-SUR	Cm-243/244	9.49E-03	U	1.35E-02	2.58E-02	1.27E-01	1.27E+01
LR-5-SUR	Cm-243/244	1.96E-03	U	1.10E-02	1.84E-02	1.27E-01	1.27E+01
LR-6-SUR	Cm-243/244	-6.43E-03	U	1.13E-02	2.89E-02	1.27E-01	1.27E+01
LR-7-SUR	Cm-243/244	9.01E-04	U	1.21E-02	2.36E-02	1.27E-01	1.27E+01
LR-8-SUR	Cm-243/244	3.85E-03	U	1.21E-02	2.96E-02	1.27E-01	1.27E+01
LR-9-SUR	Cm-243/244	7.99E-03	U	1.39E-02	2.84E-02	1.27E-01	1.27E+01
LR-10-SUR	Cm-243/244	3.78E-03	U	1.07E-02	1.82E-02	1.27E-01	1.27E+01
LR-11-SUR	Cm-243/244	-2.19E-04	U	1.03E-02	2.21E-02	1.27E-01	1.27E+01
LR-12-SUR	Cm-243/244	4.51E-03	U	1.09E-02	2.51E-02	1.27E-01	1.27E+01
LR-13-SUR	Cm-243/244	-2.54E-03	U	1.50E-02	2.85E-02	1.27E-01	1.27E+01
LR-14-SUR	Cm-243/244	-7.46E-04	U	1.17E-02	2.59E-02	1.27E-01	1.27E+01
LR-15-SUR	Cm-243/244	-2.99E-03	U	1.05E-02	2.24E-02	1.27E-01	1.27E+01
LR-16-SUR	Cm-243/244	3.91E-03	U	1.09E-02	2.06E-02	1.27E-01	1.27E+01
LR-17-SUR	Cm-243/244	-9.61E-04	U	1.00E-02	1.70E-02	1.27E-01	1.27E+01
LR-18-SUR	Cm-243/244	-4.24E-03	U	1.11E-02	2.55E-02	1.27E-01	1.27E+01
LR-19-SUR	Cm-243/244	1.78E-03	U	6.31E-03	1.68E-02	1.27E-01	1.27E+01
LR-20-SUR	Cm-243/244	3.83E-03	U	8.43E-03	1.95E-02	1.27E-01	1.27E+01
LR-21-SUR	Cm-243/244	-6.37E-03	U	6.39E-03	2.56E-02	1.27E-01	1.27E+01
LR-22-SUR	Cm-243/244	4.53E-03	U	1.20E-02	2.72E-02	1.27E-01	1.27E+01
LR-23-SUR	Cm-243/244	5.58E-03	U	9.55E-03	2.02E-02	1.27E-01	1.27E+01
LR-24-SUR	Cm-243/244	-2.00E-03	U	5.44E-03	1.75E-02	1.27E-01	1.27E+01
LR-25-SUR	Cm-243/244	-2.13E-03	U	5.44E-03	1.81E-02	1.27E-01	1.27E+01
LR-26-SUR	Cm-243/244	1.97E-03	U	6.97E-03	1.86E-02	1.27E-01	1.27E+01
LR-27-SUR	Cm-243/244	3.30E-04	U	4.52E-03	1.49E-02	1.27E-01	1.27E+01
Lang Ranch Subsurface Samples (Chatsworth Formation)							
LR-3-SUB	Cm-243/244	1.22E-02		9.54E-03	1.39E-02	1.27E-01	1.27E+01
LR-4-SUB	Cm-243/244	3.23E-04	U	5.56E-03	1.68E-02	1.27E-01	1.27E+01
LR-9-SUB	Cm-243/244	-1.63E-03	U	1.00E-02	3.00E-02	1.27E-01	1.27E+01
LR-13-SUB	Cm-243/244	1.75E-03	U	4.53E-03	8.38E-03	1.27E-01	1.27E+01
LR-15-SUB	Cm-243/244	5.88E-03	U	6.88E-03	1.28E-02	1.27E-01	1.27E+01
LR-18-SUB	Cm-243/244	-9.44E-04	U	4.52E-03	1.26E-02	1.27E-01	1.27E+01
LR-19-SUB	Cm-243/244	-3.93E-03	U	4.60E-03	1.84E-02	1.27E-01	1.27E+01
LR-23-SUB	Cm-243/244	-3.19E-03	U	4.57E-03	1.84E-02	1.27E-01	1.27E+01
LR-24-SUB	Cm-243/244	3.63E-04	U	6.24E-03	1.88E-02	1.27E-01	1.27E+01
LR-26-SUB	Cm-243/244	-1.59E-03	U	6.11E-03	1.77E-02	1.27E-01	1.27E+01
Rocky Peak Surface Samples (Chatsworth Formation)							
RP-1-SUR	Cm-243/244	4.86E-03	U	5.59E-03	7.77E-03	1.27E-01	1.27E+01
RP-2-SUR	Cm-243/244	2.99E-03	U	4.90E-03	1.14E-02	1.27E-01	1.27E+01
RP-3-SUR	Cm-243/244	3.00E-03	U	5.11E-03	1.21E-02	1.27E-01	1.27E+01
RP-4-SUR	Cm-243/244	0.00E+00	U	5.80E-03	1.70E-02	1.27E-01	1.27E+01
RP-5-SUR	Cm-243/244	-1.59E-03	U	4.53E-03	1.27E-02	1.27E-01	1.27E+01
RP-6-SUR	Cm-243/244	-1.57E-03	U	4.53E-03	1.63E-02	1.27E-01	1.27E+01
RP-7-SUR	Cm-243/244	-1.87E-03	U	5.04E-03	1.94E-02	1.27E-01	1.27E+01
RP-8-SUR	Cm-243/244	-2.78E-03	U	5.94E-03	1.85E-02	1.27E-01	1.27E+01
RP-9-SUR	Cm-243/244	0.00E+00	U	4.59E-03	1.43E-02	1.27E-01	1.27E+01
RP-10-SUR	Cm-243/244	1.61E-03	U	4.53E-03	1.29E-02	1.27E-01	1.27E+01
RP-11-SUR	Cm-243/244	-1.61E-03	U	4.53E-03	1.50E-02	1.27E-01	1.27E+01
RP-12-SUR	Cm-243/244	0.00E+00	U	4.52E-03	1.58E-02	1.27E-01	1.27E+01
RP-13-SUR	Cm-243/244	0.00E+00	U	5.46E-03	1.70E-02	1.27E-01	1.27E+01
RP-14-SUR	Cm-243/244	5.77E-03	U	7.33E-03	1.45E-02	1.27E-01	1.27E+01
RP-15-SUR	Cm-243/244	-1.60E-03	U	4.53E-03	1.66E-02	1.27E-01	1.27E+01
RP-16-SUR	Cm-243/244	3.46E-03	U	7.53E-03	1.80E-02	1.27E-01	1.27E+01
RP-17-SUR	Cm-243/244	1.33E-03	U	5.13E-03	1.38E-02	1.27E-01	1.27E+01
RP-18-SUR	Cm-243/244	-1.50E-03	U	4.53E-03	1.21E-02	1.27E-01	1.27E+01
RP-19-SUR	Cm-243/244	7.13E-03	U	1.43E-02	3.02E-02	1.27E-01	1.27E+01
RP-20-SUR	Cm-243/244	5.48E-03	U	1.27E-02	2.85E-02	1.27E-01	1.27E+01
RP-21-SUR	Cm-243/244	7.07E-03	U	1.13E-02	2.16E-02	1.27E-01	1.27E+01

Table 36 - Curium-243/244 Analytical Results

Sample ID	Analyte	Result (pCi/g)	Qualifier(s)	Uncertainty (+/- pCi/g)	MDC (pCi/g)	Agricultural 10^{-6} PRG (pCi/g)	Agricultural 10^{-4} PRG (pCi/g)
RP-22-SUR	Cm-243/244	-2.01E-03	U	1.24E-02	3.70E-02	1.27E-01	1.27E+01
RP-23-SUR	Cm-243/244	-3.55E-03	U	1.13E-02	3.64E-02	1.27E-01	1.27E+01
RP-24-SUR	Cm-243/244	-1.00E-03	U	1.13E-02	2.30E-02	1.27E-01	1.27E+01
RP-25-SUR	Cm-243/244	6.20E-03	U	1.13E-02	2.42E-02	1.27E-01	1.27E+01
RP-26-SUR	Cm-243/244	-3.33E-03	U	1.10E-02	2.87E-02	1.27E-01	1.27E+01
RP-27-SUR	Cm-243/244	-2.87E-03	U	1.08E-02	2.73E-02	1.27E-01	1.27E+01
RP-28-SUR	Cm-243/244	-1.23E-02	UL	1.07E-02	3.34E-02	1.27E-01	1.27E+01
Rocky Peak Subsurface Samples (Chatsworth Formation)							
RP-1-SUB	Cm-243/244	-9.62E-04	U	1.09E-02	2.21E-02	1.27E-01	1.27E+01
RP-5-SUB	Cm-243/244	-5.73E-03	U	1.11E-02	3.12E-02	1.27E-01	1.27E+01
RP-7-SUB	Cm-243/244	1.78E-04	U	1.20E-02	3.25E-02	1.27E-01	1.27E+01
RP-12-SUB	Cm-243/244	3.89E-04	U	1.50E-02	4.28E-02	1.27E-01	1.27E+01
RP-13-SUB	Cm-243/244	2.70E-04	U	1.04E-02	2.96E-02	1.27E-01	1.27E+01
RP-17-SUB	Cm-243/244	-9.52E-04	U	1.17E-02	2.36E-02	1.27E-01	1.27E+01
RP-18-SUB	Cm-243/244	-7.96E-04	U	1.14E-02	3.40E-02	1.27E-01	1.27E+01
RP-19-SUB	Cm-243/244	-2.01E-03	U	1.14E-02	2.62E-02	1.27E-01	1.27E+01
RP-20-SUB	Cm-243/244	-5.50E-03	U	1.25E-02	3.54E-02	1.27E-01	1.27E+01
RP-28-SUB	Cm-243/244	5.93E-04	U	1.21E-02	3.44E-02	1.27E-01	1.27E+01
Bridle Path Surface Samples (Santa Susana Formation)							
BP-1-SUR	Cm-243/244	7.60E-04	U	1.02E-02	1.99E-02	1.27E-01	1.27E+01
BP-2-SUR	Cm-243/244	0.00E+00	U	1.12E-02	1.22E-02	1.27E-01	1.27E+01
BP-3-SUR	Cm-243/244	4.55E-03	U	1.05E-02	1.77E-02	1.27E-01	1.27E+01
BP-4-SUR	Cm-243/244	-2.28E-03	U	1.19E-02	2.33E-02	1.27E-01	1.27E+01
BP-5-SUR	Cm-243/244	-1.04E-02	U	1.14E-02	3.62E-02	1.27E-01	1.27E+01
BP-6-SUR	Cm-243/244	-9.96E-03	U	1.29E-02	3.59E-02	1.27E-01	1.27E+01
BP-7-SUR	Cm-243/244	-6.56E-03	U	1.38E-02	3.36E-02	1.27E-01	1.27E+01
BP-8-SUR	Cm-243/244	-6.97E-03	U	1.02E-02	3.05E-02	1.27E-01	1.27E+01
BP-9-SUR	Cm-243/244	-6.33E-03	U	9.55E-03	2.55E-02	1.27E-01	1.27E+01
BP-10-SUR	Cm-243/244	6.40E-03	U	1.08E-02	2.08E-02	1.27E-01	1.27E+01
BP-11-SUR	Cm-243/244	3.76E-03	U	1.35E-02	2.80E-02	1.27E-01	1.27E+01
BP-12-SUR	Cm-243/244	6.19E-03	U	1.23E-02	2.72E-02	1.27E-01	1.27E+01
BP-13-SUR	Cm-243/244	2.91E-03	U	9.98E-03	2.48E-02	1.27E-01	1.27E+01
BP-14-SUR	Cm-243/244	-1.29E-03	U	1.35E-02	2.29E-02	1.27E-01	1.27E+01
BP-15-SUR	Cm-243/244	-1.01E-03	U	1.06E-02	1.79E-02	1.27E-01	1.27E+01
BP-16-SUR	Cm-243/244	8.40E-04	U	1.13E-02	2.20E-02	1.27E-01	1.27E+01
BP-17-SUR	Cm-243/244	3.15E-03	U	1.19E-02	1.28E-02	1.27E-01	1.27E+01
BP-18-SUR	Cm-243/244	-9.93E-04	U	1.04E-02	1.76E-02	1.27E-01	1.27E+01
BP-19-SUR	Cm-243/244	2.29E-03	U	1.09E-02	2.46E-02	1.27E-01	1.27E+01
BP-20-SUR	Cm-243/244	-3.47E-03	U	1.15E-02	2.98E-02	1.27E-01	1.27E+01
BP-21-SUR	Cm-243/244	-3.35E-03	U	1.26E-02	3.17E-02	1.27E-01	1.27E+01
BP-22-SUR	Cm-243/244	3.02E-03	U	1.08E-02	2.19E-02	1.27E-01	1.27E+01
BP-23-SUR	Cm-243/244	-4.01E-03	U	1.14E-02	3.06E-02	1.27E-01	1.27E+01
BP-24-SUR	Cm-243/244	3.79E-04	U	1.46E-02	4.17E-02	1.27E-01	1.27E+01
BP-25-SUR	Cm-243/244	7.32E-03	U	1.47E-02	3.10E-02	1.27E-01	1.27E+01
BP-26-SUR	Cm-243/244	-2.15E-03	U	1.33E-02	3.97E-02	1.27E-01	1.27E+01
BP-27-SUR	Cm-243/244	-2.89E-03	U	1.63E-02	3.76E-02	1.27E-01	1.27E+01
BP-28-SUR	Cm-243/244	8.34E-03	U	1.61E-02	3.38E-02	1.27E-01	1.27E+01
BP-29-SUR	Cm-243/244	-1.12E-03	U	1.27E-02	2.58E-02	1.27E-01	1.27E+01
BP-30-SUR	Cm-243/244	-2.90E-03	U	1.09E-02	2.75E-02	1.27E-01	1.27E+01
BP-31-SUR	Cm-243/244	-4.56E-03	U	1.29E-02	3.47E-02	1.27E-01	1.27E+01
BP-32-SUR	Cm-243/244	6.24E-03	U	1.14E-02	2.43E-02	1.27E-01	1.27E+01
BP-33-SUR	Cm-243/244	-3.70E-03	U	1.22E-02	3.18E-02	1.27E-01	1.27E+01
BP-34-SUR	Cm-243/244	-3.11E-03	U	1.17E-02	2.95E-02	1.27E-01	1.27E+01
BP-35-SUR	Cm-243/244	-3.14E-03	U	9.27E-03	3.00E-02	1.27E-01	1.27E+01
BP-36-SUR	Cm-243/244	-2.66E-04	U	1.03E-02	3.08E-02	1.27E-01	1.27E+01
BP-37-SUR	Cm-243/244	-9.22E-04	U	1.14E-02	2.28E-02	1.27E-01	1.27E+01
BP-38-SUR	Cm-243/244	-6.63E-03	U	1.26E-02	3.74E-02	1.27E-01	1.27E+01
BP-39-SUR	Cm-243/244	-2.10E-03	U	1.19E-02	2.74E-02	1.27E-01	1.27E+01
BP-40-SUR	Cm-243/244	-8.21E-04	U	1.11E-02	3.17E-02	1.27E-01	1.27E+01
BP-41-SUR	Cm-243/244	4.97E-03	U	1.58E-02	3.77E-02	1.27E-01	1.27E+01
BP-42-SUR	Cm-243/244	-9.78E-04	U	1.10E-02	2.25E-02	1.27E-01	1.27E+01

Table 36 - Curium-243/244 Analytical Results

Sample ID	Analyte	Result (pCi/g)	Qualifier(s)	Uncertainty (+/- pCi/g)	MDC (pCi/g)	Agricultural 10^{-6} PRG (pCi/g)	Agricultural 10^{-4} PRG (pCi/g)
BP-43-SUR	Cm-243/244	1.06E-03	U	1.03E-02	2.59E-02	1.27E-01	1.27E+01
BP-44-SUR	Cm-243/244	-3.82E-03	U	1.08E-02	2.91E-02	1.27E-01	1.27E+01
BP-45-SUR	Cm-243/244	-1.73E-03	U	1.09E-02	2.47E-02	1.27E-01	1.27E+01
BP-46-SUR	Cm-243/244	-3.45E-03	U	1.14E-02	2.96E-02	1.27E-01	1.27E+01
BP-47-SUR	Cm-243/244	1.06E-03	U	1.03E-02	2.60E-02	1.27E-01	1.27E+01
BP-48-SUR	Cm-243/244	-9.85E-04	U	1.11E-02	2.26E-02	1.27E-01	1.27E+01
BP-49-SUR	Cm-243/244	1.67E-04	U	1.13E-02	3.05E-02	1.27E-01	1.27E+01
BP-50-SUR	Cm-243/244	-9.12E-03	U	1.30E-02	4.18E-02	1.27E-01	1.27E+01
BP-51-SUR	Cm-243/244	3.99E-03	U	1.35E-02	3.25E-02	1.27E-01	1.27E+01
BP-52-SUR	Cm-243/244	-1.50E-03	U	9.24E-03	2.76E-02	1.27E-01	1.27E+01
BP-53-SUR	Cm-243/244	2.95E-03	U	1.03E-02	2.06E-02	1.27E-01	1.27E+01
BP-54-SUR	Cm-243/244	-6.95E-03	U	1.32E-02	3.92E-02	1.27E-01	1.27E+01
Bridle Path Subsurface Samples (Santa Susana Formation)							
BP-3-SUB	Cm-243/244	2.02E-03	U	1.30E-02	3.45E-02	1.27E-01	1.27E+01
BP-4-SUB	Cm-243/244	-9.88E-04	U	1.12E-02	2.27E-02	1.27E-01	1.27E+01
BP-5-SUB	Cm-243/244	-2.03E-03	U	1.28E-02	2.89E-02	1.27E-01	1.27E+01
BP-9-SUB	Cm-243/244	2.21E-03	U	1.15E-02	2.66E-02	1.27E-01	1.27E+01
BP-12-SUB	Cm-243/244	-3.25E-03	U	1.08E-02	2.79E-02	1.27E-01	1.27E+01
BP-13-SUB	Cm-243/244	1.47E-02	U	1.82E-02	3.05E-02	1.27E-01	1.27E+01
BP-14-SUB	Cm-243/244	-9.80E-04	U	1.11E-02	2.25E-02	1.27E-01	1.27E+01
BP-16-SUB	Cm-243/244	-4.25E-03	U	1.20E-02	3.23E-02	1.27E-01	1.27E+01
BP-20-SUB	Cm-243/244	-8.96E-03	U	1.28E-02	4.11E-02	1.27E-01	1.27E+01
BP-23-SUB	Cm-243/244	4.80E-03	U	1.30E-02	2.99E-02	1.27E-01	1.27E+01
BP-29-SUB	Cm-243/244	-8.78E-04	U	1.19E-02	3.40E-02	1.27E-01	1.27E+01
BP-34-SUB	Cm-243/244	2.37E-02		2.11E-02	2.93E-02	1.27E-01	1.27E+01
BP-35-SUB	Cm-243/244	7.18E-03	U	1.14E-02	2.20E-02	1.27E-01	1.27E+01
BP-38-SUB	Cm-243/244	2.24E-03	U	1.20E-02	3.25E-02	1.27E-01	1.27E+01
BP-43-SUB	Cm-243/244	3.81E-03	U	1.34E-02	3.09E-02	1.27E-01	1.27E+01
BP-45-SUB	Cm-243/244	-2.95E-03	U	1.39E-02	3.40E-02	1.27E-01	1.27E+01
BP-46-SUB	Cm-243/244	-6.18E-03	U	1.20E-02	3.37E-02	1.27E-01	1.27E+01
BP-48-SUB	Cm-243/244	-1.23E-02	UL	1.06E-02	3.33E-02	1.27E-01	1.27E+01
BP-50-SUB	Cm-243/244	-2.05E-03	U	1.07E-02	2.09E-02	1.27E-01	1.27E+01
BP-51-SUB	Cm-243/244	1.14E-02	U	1.34E-02	2.40E-02	1.27E-01	1.27E+01

Notes:

pCi/g - Picocuries per gram of dry soil. Analyses for H-3, C-14, Tc-99, and I-129 are reported in units of pCi per gram of "as-received" soil.

MDC - Minimum Detectable Concentration

PRG - Preliminary Remediation Goal

Uncertainty - Reported at the 1.96σ Confidence Interval. Gamma Spec. Reported at the 2σ Confidence Interval.

Data Qualifiers:

B - Analyte present, but not detected substantially above the level reported in laboratory or field blanks.

J - The analyte was detected at the reported concentration: the quantitation is an estimate.

K - Analyte present. Reported value may be biased high. Actual value is expected to be lower.

L - Analyte present. Reported value may be biased low. Actual value is expected to be higher.

R - The result is rejected due to serious deficiences in the ability to analyze the sample and meet the Quality Control criteria.

U - Not considered detected. The associated number is the reported concentration.

UJ - Not considered detected. The associated number is the reported concentration which may be inaccurate.

UL - Not considered detected. The associated number is the reported concentration which may be inaccurate due to a low bias.

X - Excluded. The data point is associated with reanalyses or diluted analyses and is excluded because another result has been selecetd as the definitive result for the analyte

These results are qualified based on the usability of the data for its intended purpose, which is to develop a statistical profile against which to compare individual on-site sample results, to determine the extent of potential site contamination that may be attributable to site activities.

Table 37 - Curium-245/246 Analytical Results

Sample ID	Analyte	Result (pCi/g)	Qualifier(s)	Uncertainty (+/- pCi/g)	MDC (pCi/g)	Agricultural 10^{-6} PRG (pCi/g)	Agricultural 10^{-4} PRG (pCi/g)
Lang Ranch Surface Samples (Chatsworth Formation)							
LR-1-SUR	Cm-245/246	9.71E-03	U	1.20E-02	2.21E-02	9.22E-02	9.22E+00
LR-2-SUR	Cm-245/246	1.81E-02		1.36E-02	1.51E-02	9.22E-02	9.22E+00
LR-3-SUR	Cm-245/246	4.69E-03	U	9.52E-03	2.14E-02	9.22E-02	9.22E+00
LR-4-SUR	Cm-245/246	6.60E-03	U	8.87E-03	1.69E-02	9.22E-02	9.22E+00
LR-5-SUR	Cm-245/246	-2.79E-03	U	6.80E-03	2.47E-02	9.22E-02	9.22E+00
LR-6-SUR	Cm-245/246	1.25E-02		1.20E-02	1.16E-02	9.22E-02	9.22E+00
LR-7-SUR	Cm-245/246	5.92E-03	U	8.95E-03	1.80E-02	9.22E-02	9.22E+00
LR-8-SUR	Cm-245/246	0.00E+00	U	9.09E-03	2.41E-02	9.22E-02	9.22E+00
LR-9-SUR	Cm-245/246	4.58E-03	U	8.67E-03	1.94E-02	9.22E-02	9.22E+00
LR-10-SUR	Cm-245/246	4.70E-03	U	9.54E-03	2.14E-02	9.22E-02	9.22E+00
LR-11-SUR	Cm-245/246	1.54E-02	U	1.67E-02	2.87E-02	9.22E-02	9.22E+00
LR-12-SUR	Cm-245/246	4.83E-03	U	1.16E-02	2.59E-02	9.22E-02	9.22E+00
LR-13-SUR	Cm-245/246	2.31E-03	U	1.43E-02	3.24E-02	9.22E-02	9.22E+00
LR-14-SUR	Cm-245/246	1.23E-02	U	1.42E-02	2.51E-02	9.22E-02	9.22E+00
LR-15-SUR	Cm-245/246	8.44E-03	U	1.25E-02	2.49E-02	9.22E-02	9.22E+00
LR-16-SUR	Cm-245/246	1.00E-02	U	1.08E-02	1.82E-02	9.22E-02	9.22E+00
LR-17-SUR	Cm-245/246	4.17E-03	U	1.07E-02	2.38E-02	9.22E-02	9.22E+00
LR-18-SUR	Cm-245/246	1.44E-02		1.34E-02	2.03E-02	9.22E-02	9.22E+00
LR-19-SUR	Cm-245/246	3.47E-03	U	9.00E-03	2.12E-02	9.22E-02	9.22E+00
LR-20-SUR	Cm-245/246	5.73E-03	U	9.50E-03	2.00E-02	9.22E-02	9.22E+00
LR-21-SUR	Cm-245/246	1.68E-03	U	9.89E-03	2.58E-02	9.22E-02	9.22E+00
LR-22-SUR	Cm-245/246	7.89E-03	U	1.03E-02	1.90E-02	9.22E-02	9.22E+00
LR-23-SUR	Cm-245/246	7.41E-03	U	1.20E-02	2.48E-02	9.22E-02	9.22E+00
LR-24-SUR	Cm-245/246	7.34E-03	U	1.00E-02	1.92E-02	9.22E-02	9.22E+00
LR-25-SUR	Cm-245/246	-7.68E-04	U	8.45E-03	2.34E-02	9.22E-02	9.22E+00
LR-26-SUR	Cm-245/246	8.11E-03	U	1.09E-02	2.08E-02	9.22E-02	9.22E+00
LR-27-SUR	Cm-245/246	9.42E-03	U	1.16E-02	2.10E-02	9.22E-02	9.22E+00
Lang Ranch Subsurface Samples (Chatsworth Formation)							
LR-3-SUB	Cm-245/246	-1.59E-03	U	1.17E-02	2.94E-02	9.22E-02	9.22E+00
LR-4-SUB	Cm-245/246	-3.89E-03	U	9.26E-03	2.47E-02	9.22E-02	9.22E+00
LR-9-SUB	Cm-245/246	5.71E-03	U	1.38E-02	3.18E-02	9.22E-02	9.22E+00
LR-13-SUB	Cm-245/246	7.59E-03	U	1.24E-02	2.60E-02	9.22E-02	9.22E+00
LR-15-SUB	Cm-245/246	7.65E-03	U	9.97E-03	1.87E-02	9.22E-02	9.22E+00
LR-18-SUB	Cm-245/246	1.02E-03	U	9.76E-03	2.33E-02	9.22E-02	9.22E+00
LR-19-SUB	Cm-245/246	2.44E-03	U	1.31E-02	3.22E-02	9.22E-02	9.22E+00
LR-23-SUB	Cm-245/246	-2.83E-03	U	1.09E-02	2.84E-02	9.22E-02	9.22E+00
LR-24-SUB	Cm-245/246	3.36E-04	U	9.16E-03	2.45E-02	9.22E-02	9.22E+00
LR-26-SUB	Cm-245/246	7.57E-03	U	9.48E-03	1.63E-02	9.22E-02	9.22E+00
Rocky Peak Surface Samples (Chatsworth Formation)							
RP-1-SUR	Cm-245/246	4.03E-03	U	8.87E-03	2.05E-02	9.22E-02	9.22E+00
RP-2-SUR	Cm-245/246	5.78E-03	U	8.75E-03	1.82E-02	9.22E-02	9.22E+00
RP-3-SUR	Cm-245/246	7.58E-03	U	1.05E-02	2.06E-02	9.22E-02	9.22E+00
RP-4-SUR	Cm-245/246	3.97E-03	U	8.08E-03	1.88E-02	9.22E-02	9.22E+00
RP-5-SUR	Cm-245/246	4.58E-03	U	1.21E-02	2.76E-02	9.22E-02	9.22E+00
RP-6-SUR	Cm-245/246	6.69E-03	U	9.24E-03	1.82E-02	9.22E-02	9.22E+00
RP-7-SUR	Cm-245/246	4.99E-03	U	9.99E-03	2.12E-02	9.22E-02	9.22E+00
RP-8-SUR	Cm-245/246	1.95E-03	U	8.35E-03	2.12E-02	9.22E-02	9.22E+00
RP-9-SUR	Cm-245/246	-8.82E-03	UL	8.32E-03	2.98E-02	9.22E-02	9.22E+00
RP-10-SUR	Cm-245/246	1.51E-02	U	1.56E-02	2.72E-02	9.22E-02	9.22E+00
RP-11-SUR	Cm-245/246	6.10E-03	U	8.66E-03	1.76E-02	9.22E-02	9.22E+00
RP-12-SUR	Cm-245/246	9.99E-03	U	1.39E-02	2.67E-02	9.22E-02	9.22E+00
RP-13-SUR	Cm-245/246	1.32E-02		1.27E-02	2.08E-02	9.22E-02	9.22E+00
RP-14-SUR	Cm-245/246	-2.02E-03	U	7.83E-03	2.38E-02	9.22E-02	9.22E+00
RP-15-SUR	Cm-245/246	5.96E-03	U	7.65E-03	1.46E-02	9.22E-02	9.22E+00
RP-16-SUR	Cm-245/246	3.62E-03	U	1.01E-02	2.27E-02	9.22E-02	9.22E+00
RP-17-SUR	Cm-245/246	3.95E-03	U	9.32E-03	2.15E-02	9.22E-02	9.22E+00
RP-18-SUR	Cm-245/246	8.04E-03	U	1.00E-02	1.90E-02	9.22E-02	9.22E+00
RP-19-SUR	Cm-245/246	6.23E-03	U	1.06E-02	2.21E-02	9.22E-02	9.22E+00
RP-20-SUR	Cm-245/246	8.57E-03	U	1.11E-02	1.89E-02	9.22E-02	9.22E+00
RP-21-SUR	Cm-245/246	2.98E-03	U	1.40E-02	3.53E-02	9.22E-02	9.22E+00

Table 37 - Curium-245/246 Analytical Results

Sample ID	Analyte	Result (pCi/g)	Qualifier(s)	Uncertainty (+/- pCi/g)	MDC (pCi/g)	Agricultural 10^{-6} PRG (pCi/g)	Agricultural 10^{-4} PRG (pCi/g)
RP-22-SUR	Cm-245/246	5.30E-03	U	1.01E-02	2.18E-02	9.22E-02	9.22E+00
RP-23-SUR	Cm-245/246	1.09E-02	U	1.29E-02	2.21E-02	9.22E-02	9.22E+00
RP-24-SUR	Cm-245/246	1.36E-02	U	1.67E-02	2.94E-02	9.22E-02	9.22E+00
RP-25-SUR	Cm-245/246	-1.05E-03	U	9.48E-03	2.08E-02	9.22E-02	9.22E+00
RP-26-SUR	Cm-245/246	-3.43E-04	U	1.09E-02	3.20E-02	9.22E-02	9.22E+00
RP-27-SUR	Cm-245/246	9.53E-03	U	1.26E-02	2.29E-02	9.22E-02	9.22E+00
RP-28-SUR	Cm-245/246	3.82E-03	U	1.27E-02	2.96E-02	9.22E-02	9.22E+00
Rocky Peak Subsurface Samples (Chatsworth Formation)							
RP-1-SUB	Cm-245/246	3.58E-04	U	9.70E-03	2.67E-02	9.22E-02	9.22E+00
RP-5-SUB	Cm-245/246	3.68E-03	U	9.91E-03	2.49E-02	9.22E-02	9.22E+00
RP-7-SUB	Cm-245/246	8.30E-03	U	1.21E-02	2.32E-02	9.22E-02	9.22E+00
RP-12-SUB	Cm-245/246	8.08E-03	U	1.19E-02	2.29E-02	9.22E-02	9.22E+00
RP-13-SUB	Cm-245/246	3.62E-03	U	9.74E-03	2.45E-02	9.22E-02	9.22E+00
RP-17-SUB	Cm-245/246	1.15E-03	U	1.12E-02	3.02E-02	9.22E-02	9.22E+00
RP-18-SUB	Cm-245/246	1.72E-02	U	2.03E-02	3.53E-02	9.22E-02	9.22E+00
RP-19-SUB	Cm-245/246	7.46E-03	U	1.11E-02	2.20E-02	9.22E-02	9.22E+00
RP-20-SUB	Cm-245/246	6.44E-03	U	1.64E-02	4.05E-02	9.22E-02	9.22E+00
RP-28-SUB	Cm-245/246	1.54E-02	U	1.73E-02	2.94E-02	9.22E-02	9.22E+00
Bridle Path Surface Samples (Santa Susana Formation)							
BP-1-SUR	Cm-245/246	1.16E-02	U	1.45E-02	2.64E-02	9.22E-02	9.22E+00
BP-2-SUR	Cm-245/246	8.96E-03	U	1.12E-02	1.97E-02	9.22E-02	9.22E+00
BP-3-SUR	Cm-245/246	6.74E-03	U	1.12E-02	2.17E-02	9.22E-02	9.22E+00
BP-4-SUR	Cm-245/246	3.68E-03	U	1.14E-02	2.62E-02	9.22E-02	9.22E+00
BP-5-SUR	Cm-245/246	-1.52E-03	U	1.33E-02	3.06E-02	9.22E-02	9.22E+00
BP-6-SUR	Cm-245/246	-3.27E-03	U	1.54E-02	3.78E-02	9.22E-02	9.22E+00
BP-7-SUR	Cm-245/246	-8.45E-03	U	1.30E-02	3.88E-02	9.22E-02	9.22E+00
BP-8-SUR	Cm-245/246	8.94E-03	U	1.25E-02	2.39E-02	9.22E-02	9.22E+00
BP-9-SUR	Cm-245/246	-2.43E-04	U	1.14E-02	2.45E-02	9.22E-02	9.22E+00
BP-10-SUR	Cm-245/246	5.76E-03	U	1.05E-02	2.04E-02	9.22E-02	9.22E+00
BP-11-SUR	Cm-245/246	-2.41E-04	U	1.13E-02	2.43E-02	9.22E-02	9.22E+00
BP-12-SUR	Cm-245/246	7.79E-03	U	1.28E-02	2.64E-02	9.22E-02	9.22E+00
BP-13-SUR	Cm-245/246	8.04E-03	U	1.17E-02	1.98E-02	9.22E-02	9.22E+00
BP-14-SUR	Cm-245/246	3.02E-03	U	1.24E-02	2.64E-02	9.22E-02	9.22E+00
BP-15-SUR	Cm-245/246	8.55E-03	U	1.28E-02	2.50E-02	9.22E-02	9.22E+00
BP-16-SUR	Cm-245/246	8.05E-03	U	1.32E-02	2.73E-02	9.22E-02	9.22E+00
BP-17-SUR	Cm-245/246	8.68E-03	U	1.19E-02	2.24E-02	9.22E-02	9.22E+00
BP-18-SUR	Cm-245/246	8.77E-03	U	1.44E-02	2.97E-02	9.22E-02	9.22E+00
BP-19-SUR	Cm-245/246	6.78E-03	U	1.36E-02	2.32E-02	9.22E-02	9.22E+00
BP-20-SUR	Cm-245/246	3.66E-03	U	1.50E-02	3.21E-02	9.22E-02	9.22E+00
BP-21-SUR	Cm-245/246	4.15E-03	U	1.22E-02	2.85E-02	9.22E-02	9.22E+00
BP-22-SUR	Cm-245/246	1.71E-03	U	1.26E-02	2.27E-02	9.22E-02	9.22E+00
BP-23-SUR	Cm-245/246	8.75E-04	U	1.18E-02	2.29E-02	9.22E-02	9.22E+00
BP-24-SUR	Cm-245/246	2.20E-02		1.92E-02	2.76E-02	9.22E-02	9.22E+00
BP-25-SUR	Cm-245/246	1.15E-02	U	1.50E-02	2.79E-02	9.22E-02	9.22E+00
BP-26-SUR	Cm-245/246	1.39E-02	U	1.70E-02	3.05E-02	9.22E-02	9.22E+00
BP-27-SUR	Cm-245/246	-1.43E-03	U	1.41E-02	2.43E-02	9.22E-02	9.22E+00
BP-28-SUR	Cm-245/246	-4.29E-03	U	8.18E-03	2.60E-02	9.22E-02	9.22E+00
BP-29-SUR	Cm-245/246	-1.64E-03	U	1.19E-02	3.21E-02	9.22E-02	9.22E+00
BP-30-SUR	Cm-245/246	8.10E-03	U	1.23E-02	2.18E-02	9.22E-02	9.22E+00
BP-31-SUR	Cm-245/246	9.15E-04	U	1.23E-02	2.40E-02	9.22E-02	9.22E+00
BP-32-SUR	Cm-245/246	1.92E-03	U	1.29E-02	2.97E-02	9.22E-02	9.22E+00
BP-33-SUR	Cm-245/246	1.65E-02	U	1.84E-02	3.12E-02	9.22E-02	9.22E+00
BP-34-SUR	Cm-245/246	5.68E-03	U	1.12E-02	2.17E-02	9.22E-02	9.22E+00
BP-35-SUR	Cm-245/246	2.37E-03	U	9.08E-03	9.97E-03	9.22E-02	9.22E+00
BP-36-SUR	Cm-245/246	1.99E-03	U	9.40E-03	2.24E-02	9.22E-02	9.22E+00
BP-37-SUR	Cm-245/246	4.30E-03	U	9.17E-03	2.02E-02	9.22E-02	9.22E+00
BP-38-SUR	Cm-245/246	4.14E-03	U	9.92E-03	1.72E-02	9.22E-02	9.22E+00
BP-39-SUR	Cm-245/246	2.09E-03	U	1.00E-02	2.22E-02	9.22E-02	9.22E+00
BP-40-SUR	Cm-245/246	3.96E-03	U	9.50E-03	1.65E-02	9.22E-02	9.22E+00
BP-41-SUR	Cm-245/246	-3.03E-03	U	1.16E-02	2.94E-02	9.22E-02	9.22E+00
BP-42-SUR	Cm-245/246	1.09E-02	U	1.27E-02	2.26E-02	9.22E-02	9.22E+00

Table 37 - Curium-245/246 Analytical Results

Sample ID	Analyte	Result (pCi/g)	Qualifier(s)	Uncertainty (+/- pCi/g)	MDC (pCi/g)	Agricultural 10^{-6} PRG (pCi/g)	Agricultural 10^{-4} PRG (pCi/g)
BP-43-SUR	Cm-245/246	-1.28E-03	U	8.31E-03	2.18E-02	9.22E-02	9.22E+00
BP-44-SUR	Cm-245/246	9.71E-04	U	9.27E-03	2.21E-02	9.22E-02	9.22E+00
BP-45-SUR	Cm-245/246	1.95E-02		1.71E-02	2.53E-02	9.22E-02	9.22E+00
BP-46-SUR	Cm-245/246	1.14E-02	U	1.26E-02	2.09E-02	9.22E-02	9.22E+00
BP-47-SUR	Cm-245/246	3.78E-03	U	1.03E-02	2.46E-02	9.22E-02	9.22E+00
BP-48-SUR	Cm-245/246	1.24E-02	U	1.46E-02	2.60E-02	9.22E-02	9.22E+00
BP-49-SUR	Cm-245/246	0.00E+00	U	1.02E-02	2.60E-02	9.22E-02	9.22E+00
BP-50-SUR	Cm-245/246	0.00E+00	U	9.43E-03	1.04E-02	9.22E-02	9.22E+00
BP-51-SUR	Cm-245/246	-1.37E-03	U	8.73E-03	2.09E-02	9.22E-02	9.22E+00
BP-52-SUR	Cm-245/246	5.46E-03	U	9.48E-03	2.05E-02	9.22E-02	9.22E+00
BP-53-SUR	Cm-245/246	8.61E-03	U	9.75E-03	1.59E-02	9.22E-02	9.22E+00
BP-54-SUR	Cm-245/246	2.03E-03	U	9.68E-03	2.14E-02	9.22E-02	9.22E+00
Bridle Path Subsurface Samples (Santa Susana Formation)							
BP-3-SUB	Cm-245/246	6.97E-03	U	1.09E-02	2.24E-02	9.22E-02	9.22E+00
BP-4-SUB	Cm-245/246	7.50E-03	U	1.23E-02	2.54E-02	9.22E-02	9.22E+00
BP-5-SUB	Cm-245/246	-1.52E-03	U	9.60E-03	3.07E-02	9.22E-02	9.22E+00
BP-9-SUB	Cm-245/246	-7.08E-03	U	7.78E-03	2.86E-02	9.22E-02	9.22E+00
BP-12-SUB	Cm-245/246	1.22E-02	U	1.53E-02	2.78E-02	9.22E-02	9.22E+00
BP-13-SUB	Cm-245/246	-8.63E-04	U	1.34E-02	3.31E-02	9.22E-02	9.22E+00
BP-14-SUB	Cm-245/246	1.40E-03	U	7.73E-03	2.09E-02	9.22E-02	9.22E+00
BP-16-SUB	Cm-245/246	4.47E-03	U	1.06E-02	2.49E-02	9.22E-02	9.22E+00
BP-20-SUB	Cm-245/246	1.18E-02	U	1.26E-02	2.02E-02	9.22E-02	9.22E+00
BP-23-SUB	Cm-245/246	2.75E-03	U	9.09E-03	2.41E-02	9.22E-02	9.22E+00
BP-29-SUB	Cm-245/246	1.06E-02	U	1.08E-02	1.60E-02	9.22E-02	9.22E+00
BP-34-SUB	Cm-245/246	1.79E-02	U	2.00E-02	3.80E-02	9.22E-02	9.22E+00
BP-35-SUB	Cm-245/246	1.24E-02	U	1.40E-02	2.22E-02	9.22E-02	9.22E+00
BP-38-SUB	Cm-245/246	-2.77E-04	U	9.38E-03	2.79E-02	9.22E-02	9.22E+00
BP-43-SUB	Cm-245/246	1.30E-02	U	1.54E-02	2.68E-02	9.22E-02	9.22E+00
BP-45-SUB	Cm-245/246	6.05E-03	U	1.18E-02	2.60E-02	9.22E-02	9.22E+00
BP-46-SUB	Cm-245/246	2.89E-03	U	1.18E-02	2.53E-02	9.22E-02	9.22E+00
BP-48-SUB	Cm-245/246	1.19E-02	U	1.40E-02	2.40E-02	9.22E-02	9.22E+00
BP-50-SUB	Cm-245/246	9.44E-03	U	1.54E-02	3.18E-02	9.22E-02	9.22E+00
BP-51-SUB	Cm-245/246	1.52E-02	U	1.70E-02	2.89E-02	9.22E-02	9.22E+00

Notes:

pCi/g - Picocuries per gram of dry soil. Analyses for H-3, C-14, Tc-99, and I-129 are reported in units of pCi per gram of "as-received" soil.

MDC - Minimum Detectable Concentration

PRG - Preliminary Remediation Goal

Uncertainty - Reported at the 1.96σ Confidence Interval. Gamma Spec. Reported at the 2σ Confidence Interval.

Data Qualifiers:

B - Analyte present, but not detected substantially above the level reported in laboratory or field blanks.

J - The analyte was detected at the reported concentration: the quantitation is an estimate.

K - Analyte present. Reported value may be biased high. Actual value is expected to be lower.

L - Analyte present. Reported value may be biased low. Actual value is expected to be higher.

R - The result is rejected due to serious deficiences in the ability to analyze the sample and meet the Quality Control criteria.

U - Not considered detected. The associated number is the reported concentration.

UJ - Not considered detected. The associated number is the reported concentration which may be inaccurate.

UL - Not considered detected. The associated number is the reported concentration which may be inaccurate due to a low bias.

X - Excluded. The data point is associated with reanalyses or diluted analyses and is excluded because another result has been selecetd as the definitive result for the analyte

These results are qualified based on the usability of the data for its intended purpose, which is to develop a statistical profile against which to compare individual on-site sample results, to determine the extent of potential site contamination that may be attributable to site activities.

Table 38 - Polonium-210 Analytical Results

Sample ID	Analyte	Result (pCi/g)	Qualifier(s)	Uncertainty (+/- pCi/g)	MDC (pCi/g)	Agricultural 10^{-6} PRG (pCi/g)	Agricultural 10^{-4} PRG (pCi/g)
Lang Ranch Surface Samples (Chatsworth Formation)							
LR-1-SUR	Polonium-210	1.48E+00		3.39E-01	1.41E-01	1.94E+01	1.94E+03
LR-2-SUR	Polonium-210	1.04E+00		3.05E-01	1.72E-01	1.94E+01	1.94E+03
LR-3-SUR	Polonium-210	1.02E+00		2.43E-01	8.79E-02	1.94E+01	1.94E+03
LR-4-SUR	Polonium-210	1.15E+00		2.50E-01	9.45E-02	1.94E+01	1.94E+03
LR-5-SUR	Polonium-210	1.39E+00		3.72E-01	7.84E-02	1.94E+01	1.94E+03
LR-6-SUR	Polonium-210	1.12E+00		3.52E-01	2.27E-01	1.94E+01	1.94E+03
LR-7-SUR	Polonium-210	1.46E+00		3.64E-01	1.70E-01	1.94E+01	1.94E+03
LR-8-SUR	Polonium-210	1.04E+00		2.60E-01	1.52E-01	1.94E+01	1.94E+03
LR-9-SUR	Polonium-210	1.23E+00		3.98E-01	2.06E-01	1.94E+01	1.94E+03
LR-10-SUR	Polonium-210	1.45E+00		3.81E-01	1.78E-01	1.94E+01	1.94E+03
LR-11-SUR	Polonium-210	1.06E+00		3.07E-01	2.35E-01	1.94E+01	1.94E+03
LR-12-SUR	Polonium-210	1.16E+00		2.76E-01	1.09E-01	1.94E+01	1.94E+03
LR-13-SUR	Polonium-210	9.07E-01		2.50E-01	1.70E-01	1.94E+01	1.94E+03
LR-14-SUR	Polonium-210	1.07E+00		3.41E-01	1.55E-01	1.94E+01	1.94E+03
LR-15-SUR	Polonium-210	1.07E+00		3.72E-01	2.06E-01	1.94E+01	1.94E+03
LR-16-SUR	Polonium-210	1.14E+00		4.48E-01	3.56E-01	1.94E+01	1.94E+03
LR-17-SUR	Polonium-210	1.52E+00		4.94E-01	1.29E-01	1.94E+01	1.94E+03
LR-18-SUR	Polonium-210	1.60E+00		5.06E-01	2.84E-01	1.94E+01	1.94E+03
LR-19-SUR	Polonium-210	9.32E-01		3.20E-01	1.63E-01	1.94E+01	1.94E+03
LR-20-SUR	Polonium-210	1.06E+00		3.56E-01	2.13E-01	1.94E+01	1.94E+03
LR-21-SUR	Polonium-210	1.13E+00		3.10E-01	1.22E-01	1.94E+01	1.94E+03
LR-22-SUR	Polonium-210	1.15E+00		3.05E-01	1.14E-01	1.94E+01	1.94E+03
LR-23-SUR	Polonium-210	1.28E+00		3.71E-01	1.28E-01	1.94E+01	1.94E+03
LR-24-SUR	Polonium-210	1.20E+00		2.98E-01	9.30E-02	1.94E+01	1.94E+03
LR-25-SUR	Polonium-210	1.17E+00		3.00E-01	1.06E-01	1.94E+01	1.94E+03
LR-26-SUR	Polonium-210	1.15E+00		3.03E-01	8.97E-02	1.94E+01	1.94E+03
LR-27-SUR	Polonium-210	1.23E+00		3.80E-01	1.80E-01	1.94E+01	1.94E+03
Lang Ranch Subsurface Samples (Chatsworth Formation)							
LR-3-SUB	Polonium-210	1.20E+00		3.01E-01	1.04E-01	1.94E+01	1.94E+03
LR-4-SUB	Polonium-210	1.29E+00		2.95E-01	7.53E-02	1.94E+01	1.94E+03
LR-9-SUB	Polonium-210	1.04E+00		3.92E-01	2.32E-01	1.94E+01	1.94E+03
LR-13-SUB	Polonium-210	1.16E+00		3.44E-01	1.68E-01	1.94E+01	1.94E+03
LR-15-SUB	Polonium-210	1.09E+00		3.41E-01	2.27E-01	1.94E+01	1.94E+03
LR-18-SUB	Polonium-210	1.10E+00		3.05E-01	1.22E-01	1.94E+01	1.94E+03
LR-19-SUB	Polonium-210	1.51E+00		3.45E-01	1.03E-01	1.94E+01	1.94E+03
LR-23-SUB	Polonium-210	1.15E+00		3.43E-01	1.87E-01	1.94E+01	1.94E+03
LR-24-SUB	Polonium-210	1.92E+00		4.33E-01	1.30E-01	1.94E+01	1.94E+03
LR-26-SUB	Polonium-210	1.54E+00		3.49E-01	1.02E-01	1.94E+01	1.94E+03
Rocky Peak Surface Samples (Chatsworth Formation)							
RP-1-SUR	Polonium-210	7.28E-01		2.60E-01	1.71E-01	1.94E+01	1.94E+03
RP-2-SUR	Polonium-210	7.14E-01		2.76E-01	2.22E-01	1.94E+01	1.94E+03
RP-3-SUR	Polonium-210	1.26E+00		4.31E-01	3.11E-01	1.94E+01	1.94E+03
RP-4-SUR	Polonium-210	1.20E+00		2.94E-01	7.65E-02	1.94E+01	1.94E+03
RP-5-SUR	Polonium-210	1.69E+00		4.01E-01	1.42E-01	1.94E+01	1.94E+03
RP-6-SUR	Polonium-210	1.45E+00		4.12E-01	8.71E-02	1.94E+01	1.94E+03
RP-7-SUR	Polonium-210	1.09E+00		3.84E-01	3.07E-01	1.94E+01	1.94E+03
RP-8-SUR	Polonium-210	8.06E-01		2.66E-01	1.57E-01	1.94E+01	1.94E+03
RP-9-SUR	Polonium-210	7.67E-01		2.33E-01	5.69E-02	1.94E+01	1.94E+03
RP-10-SUR	Polonium-210	9.62E-01		2.68E-01	1.18E-01	1.94E+01	1.94E+03
RP-11-SUR	Polonium-210	7.50E-01		2.44E-01	1.31E-01	1.94E+01	1.94E+03
RP-12-SUR	Polonium-210	1.12E+00		3.42E-01	8.29E-02	1.94E+01	1.94E+03
RP-13-SUR	Polonium-210	1.39E+00		3.58E-01	1.01E-01	1.94E+01	1.94E+03
RP-14-SUR	Polonium-210	1.75E+00		4.63E-01	2.53E-01	1.94E+01	1.94E+03
RP-15-SUR	Polonium-210	1.60E+00		3.83E-01	1.72E-01	1.94E+01	1.94E+03
RP-16-SUR	Polonium-210	1.70E+00		4.29E-01	1.95E-01	1.94E+01	1.94E+03
RP-17-SUR	Polonium-210	7.14E-01		2.23E-01	1.35E-01	1.94E+01	1.94E+03
RP-18-SUR	Polonium-210	1.59E+00		3.80E-01	1.43E-01	1.94E+01	1.94E+03
RP-19-SUR	Polonium-210	1.61E+00		3.97E-01	1.29E-01	1.94E+01	1.94E+03
RP-20-SUR	Polonium-210	1.65E+00		4.16E-01	1.27E-01	1.94E+01	1.94E+03
RP-21-SUR	Polonium-210	9.29E-01		2.52E-01	1.06E-01	1.94E+01	1.94E+03

Table 38 - Polonium-210 Analytical Results

Sample ID	Analyte	Result (pCi/g)	Qualifier(s)	Uncertainty (+/- pCi/g)	MDC (pCi/g)	Agricultural 10^{-6} PRG (pCi/g)	Agricultural 10^{-4} PRG (pCi/g)
RP-22-SUR	Polonium-210	1.43E+00		3.45E-01	1.08E-01	1.94E+01	1.94E+03
RP-23-SUR	Polonium-210	8.46E-01		2.29E-01	1.09E-01	1.94E+01	1.94E+03
RP-24-SUR	Polonium-210	9.77E-01		2.80E-01	9.59E-02	1.94E+01	1.94E+03
RP-25-SUR	Polonium-210	1.12E+00		2.94E-01	1.23E-01	1.94E+01	1.94E+03
RP-26-SUR	Polonium-210	1.05E+00		3.70E-01	2.55E-01	1.94E+01	1.94E+03
RP-27-SUR	Polonium-210	8.67E-01		2.79E-01	1.60E-01	1.94E+01	1.94E+03
RP-28-SUR	Polonium-210	1.46E+00		3.47E-01	1.12E-01	1.94E+01	1.94E+03
Rocky Peak Subsurface Samples (Chatsworth Formation)							
RP-1-SUB	Polonium-210	1.36E+00		3.33E-01	1.33E-01	1.94E+01	1.94E+03
RP-5-SUB	Polonium-210	1.40E+00		3.62E-01	1.80E-01	1.94E+01	1.94E+03
RP-7-SUB	Polonium-210	1.59E+00		3.93E-01	1.43E-01	1.94E+01	1.94E+03
RP-12-SUB	Polonium-210	1.42E+00		3.37E-01	1.09E-01	1.94E+01	1.94E+03
RP-13-SUB	Polonium-210	9.09E-01		2.54E-01	1.06E-01	1.94E+01	1.94E+03
RP-17-SUB	Polonium-210	1.09E+00		3.42E-01	1.68E-01	1.94E+01	1.94E+03
RP-18-SUB	Polonium-210	9.17E-01		2.79E-01	1.20E-01	1.94E+01	1.94E+03
RP-19-SUB	Polonium-210	8.72E-01		3.23E-01	2.17E-01	1.94E+01	1.94E+03
RP-20-SUB	Polonium-210	1.00E+00		3.06E-01	1.53E-01	1.94E+01	1.94E+03
RP-28-SUB	Polonium-210	7.87E-01		2.75E-01	1.91E-01	1.94E+01	1.94E+03
Bridle Path Surface Samples (Santa Susana Formation)							
BP-1-SUR	Polonium-210	1.18E+00		3.13E-01	1.18E-01	1.94E+01	1.94E+03
BP-2-SUR	Polonium-210	1.22E+00		4.52E-01	2.49E-01	1.94E+01	1.94E+03
BP-3-SUR	Polonium-210	1.61E+00		3.92E-01	1.36E-01	1.94E+01	1.94E+03
BP-4-SUR	Polonium-210	1.28E+00		3.16E-01	1.10E-01	1.94E+01	1.94E+03
BP-5-SUR	Polonium-210	1.20E+00		4.23E-01	3.20E-01	1.94E+01	1.94E+03
BP-6-SUR	Polonium-210	1.25E+00		3.26E-01	1.64E-01	1.94E+01	1.94E+03
BP-7-SUR	Polonium-210	9.67E+00		1.67E+00	1.62E-01	1.94E+01	1.94E+03
BP-8-SUR	Polonium-210	1.52E+00		4.85E-01	2.84E-01	1.94E+01	1.94E+03
BP-9-SUR	Polonium-210	1.26E+00		3.59E-01	1.50E-01	1.94E+01	1.94E+03
BP-10-SUR	Polonium-210	1.60E+00		3.37E-01	7.02E-02	1.94E+01	1.94E+03
BP-11-SUR	Polonium-210	1.38E+00		3.08E-01	9.02E-02	1.94E+01	1.94E+03
BP-12-SUR	Polonium-210	1.98E+00		4.31E-01	1.11E-01	1.94E+01	1.94E+03
BP-13-SUR	Polonium-210	1.12E+00		3.38E-01	1.90E-01	1.94E+01	1.94E+03
BP-14-SUR	Polonium-210	8.84E-01		2.58E-01	1.57E-01	1.94E+01	1.94E+03
BP-15-SUR	Polonium-210	1.26E+00		3.06E-01	1.10E-01	1.94E+01	1.94E+03
BP-16-SUR	Polonium-210	1.32E+00		4.19E-01	2.44E-01	1.94E+01	1.94E+03
BP-17-SUR	Polonium-210	1.12E+00		3.31E-01	1.46E-01	1.94E+01	1.94E+03
BP-18-SUR	Polonium-210	1.18E+00		3.70E-01	2.01E-01	1.94E+01	1.94E+03
BP-19-SUR	Polonium-210	1.44E+00		4.45E-01	2.07E-01	1.94E+01	1.94E+03
BP-20-SUR	Polonium-210	1.24E+00		3.48E-01	1.06E-01	1.94E+01	1.94E+03
BP-21-SUR	Polonium-210	1.36E+00		3.89E-01	1.85E-01	1.94E+01	1.94E+03
BP-22-SUR	Polonium-210	1.04E+00		3.98E-01	2.63E-01	1.94E+01	1.94E+03
BP-23-SUR	Polonium-210	1.41E+00		4.09E-01	2.40E-01	1.94E+01	1.94E+03
BP-24-SUR	Polonium-210	1.07E+00		3.29E-01	1.38E-01	1.94E+01	1.94E+03
BP-25-SUR	Polonium-210	1.43E+00		4.18E-01	1.69E-01	1.94E+01	1.94E+03
BP-26-SUR	Polonium-210	1.40E+00		4.89E-01	2.68E-01	1.94E+01	1.94E+03
BP-27-SUR	Polonium-210	1.25E+00		3.49E-01	1.62E-01	1.94E+01	1.94E+03
BP-28-SUR	Polonium-210	1.05E+00		4.27E-01	3.02E-01	1.94E+01	1.94E+03
BP-29-SUR	Polonium-210	1.43E+00		5.54E-01	3.84E-01	1.94E+01	1.94E+03
BP-30-SUR	Polonium-210	1.44E+00		4.60E-01	2.10E-01	1.94E+01	1.94E+03
BP-31-SUR	Polonium-210	1.29E+00		4.29E-01	2.22E-01	1.94E+01	1.94E+03
BP-32-SUR	Polonium-210	1.07E+00		3.04E-01	9.56E-02	1.94E+01	1.94E+03
BP-33-SUR	Polonium-210	1.36E+00		3.54E-01	1.44E-01	1.94E+01	1.94E+03
BP-34-SUR	Polonium-210	1.20E+00		4.28E-01	2.57E-01	1.94E+01	1.94E+03
BP-35-SUR	Polonium-210	1.05E+00		3.99E-01	2.22E-01	1.94E+01	1.94E+03
BP-36-SUR	Polonium-210	1.32E+00		3.92E-01	1.83E-01	1.94E+01	1.94E+03
BP-37-SUR	Polonium-210	1.39E+00		3.84E-01	1.42E-01	1.94E+01	1.94E+03
BP-38-SUR	Polonium-210	1.75E+00		5.76E-01	2.18E-01	1.94E+01	1.94E+03
BP-39-SUR	Polonium-210	1.45E+00		4.73E-01	2.04E-01	1.94E+01	1.94E+03
BP-40-SUR	Polonium-210	1.26E+00		4.62E-01	2.09E-01	1.94E+01	1.94E+03
BP-41-SUR	Polonium-210	1.13E+00		3.25E-01	1.29E-01	1.94E+01	1.94E+03
BP-42-SUR	Polonium-210	1.19E+00		4.59E-01	3.07E-01	1.94E+01	1.94E+03

Table 38 - Polonium-210 Analytical Results

Sample ID	Analyte	Result (pCi/g)	Qualifier(s)	Uncertainty (+/- pCi/g)	MDC (pCi/g)	Agricultural 10^{-6} PRG (pCi/g)	Agricultural 10^{-4} PRG (pCi/g)
BP-43-SUR	Polonium-210	1.80E+00		6.06E-01	3.33E-01	1.94E+01	1.94E+03
BP-44-SUR	Polonium-210	1.15E+00		3.18E-01	1.28E-01	1.94E+01	1.94E+03
BP-45-SUR	Polonium-210	1.09E+00		3.98E-01	2.04E-01	1.94E+01	1.94E+03
BP-46-SUR	Polonium-210	1.26E+00		3.65E-01	1.80E-01	1.94E+01	1.94E+03
BP-47-SUR	Polonium-210	1.26E+00		3.56E-01	1.24E-01	1.94E+01	1.94E+03
BP-48-SUR	Polonium-210	1.66E+00		4.65E-01	1.73E-01	1.94E+01	1.94E+03
BP-49-SUR	Polonium-210	9.99E-01		4.21E-01	2.57E-01	1.94E+01	1.94E+03
BP-50-SUR	Polonium-210	1.11E+00		3.15E-01	9.82E-02	1.94E+01	1.94E+03
BP-51-SUR	Polonium-210	1.30E+00		4.49E-01	2.58E-01	1.94E+01	1.94E+03
BP-52-SUR	Polonium-210	1.26E+00		4.51E-01	2.71E-01	1.94E+01	1.94E+03
BP-53-SUR	Polonium-210	1.22E+00		3.35E-01	1.23E-01	1.94E+01	1.94E+03
BP-54-SUR	Polonium-210	1.19E+00		3.61E-01	1.25E-01	1.94E+01	1.94E+03
Bridle Path Subsurface Samples (Santa Susana Formation)							
BP-3-SUB	Polonium-210	1.22E+00		3.07E-01	9.03E-02	1.94E+01	1.94E+03
BP-4-SUB	Polonium-210	1.17E+00		3.44E-01	1.67E-01	1.94E+01	1.94E+03
BP-5-SUB	Polonium-210	1.10E+00		4.55E-01	2.73E-01	1.94E+01	1.94E+03
BP-9-SUB	Polonium-210	1.36E+00		4.90E-01	2.14E-01	1.94E+01	1.94E+03
BP-12-SUB	Polonium-210	1.24E+00		3.43E-01	1.18E-01	1.94E+01	1.94E+03
BP-13-SUB	Polonium-210	1.43E+00		3.77E-01	1.60E-01	1.94E+01	1.94E+03
BP-14-SUB	Polonium-210	1.03E+00		3.10E-01	1.21E-01	1.94E+01	1.94E+03
BP-16-SUB	Polonium-210	1.13E+00		2.98E-01	1.03E-01	1.94E+01	1.94E+03
BP-20-SUB	Polonium-210	8.47E-01		3.34E-01	1.90E-01	1.94E+01	1.94E+03
BP-23-SUB	Polonium-210	9.25E-01		3.10E-01	1.26E-01	1.94E+01	1.94E+03
BP-29-SUB	Polonium-210	1.55E+00		5.05E-01	2.35E-01	1.94E+01	1.94E+03
BP-34-SUB	Polonium-210	1.65E+00		4.95E-01	2.55E-01	1.94E+01	1.94E+03
BP-35-SUB	Polonium-210	1.35E+00		3.84E-01	1.20E-01	1.94E+01	1.94E+03
BP-38-SUB	Polonium-210	1.07E+00		4.35E-01	2.56E-01	1.94E+01	1.94E+03
BP-43-SUB	Polonium-210	1.14E+00		3.21E-01	1.38E-01	1.94E+01	1.94E+03
BP-45-SUB	Polonium-210	1.44E+00		3.76E-01	1.19E-01	1.94E+01	1.94E+03
BP-46-SUB	Polonium-210	1.19E+00		3.52E-01	1.17E-01	1.94E+01	1.94E+03
BP-48-SUB	Polonium-210	1.03E+00		3.70E-01	1.87E-01	1.94E+01	1.94E+03
BP-50-SUB	Polonium-210	1.17E+00		4.76E-01	3.01E-01	1.94E+01	1.94E+03
BP-51-SUB	Polonium-210	1.86E+00		5.63E-01	2.12E-01	1.94E+01	1.94E+03

Notes:

pCi/g - Picocuries per gram of dry soil. Analyses for H-3, C-14, Tc-99, and I-129 are reported in units of pCi per gram of "as-received" soil.

MDC - Minimum Detectable Concentration

PRG - Preliminary Remediation Goal

Uncertainty - Reported at the 1.96σ Confidence Interval. Gamma Spec. Reported at the 2σ Confidence Interval.

Data Qualifiers:

B - Analyte present, but not detected substantially above the level reported in laboratory or field blanks.

J - The analyte was detected at the reported concentration: the quantitation is an estimate.

K - Analyte present. Reported value may be biased high. Actual value is expected to be lower.

L - Analyte present. Reported value may be biased low. Actual value is expected to be higher.

R - The result is rejected due to serious deficiences in the ability to analyze the sample and meet the Quality Control criteria.

U - Not considered detected. The associated number is the reported concentration.

UJ - Not considered detected. The associated number is the reported concentration which may be inaccurate.

UL - Not considered detected. The associated number is the reported concentration which may be inaccurate due to a low bias.

X - Excluded. The data point is associated with reanalyses or diluted analyses and is excluded because another result has been selecetd as the definitive result for the analyte

These results are qualified based on the usability of the data for its intended purpose, which is to develop a statistical profile against which to compare individual on-site sample results, to determine the extent of potential site contamination that may be attributable to site activities.

Table 39 - Plutonium-238 Analytical Results

Sample ID	Analyte	Result (pCi/g)	Qualifier(s)	Uncertainty (+/- pCi/g)	MDC (pCi/g)	Agricultural 10^{-6} PRG (pCi/g)	Agricultural 10^{-4} PRG (pCi/g)
Lang Ranch Surface Samples (Chatsworth Formation)							
LR-1-SUR	Plutonium-238	3.78E-03		3.35E-03	6.12E-03	7.31E-03	7.31E-01
LR-2-SUR	Plutonium-238	-1.86E-03	U	4.47E-03	1.42E-02	7.31E-03	7.31E-01
LR-3-SUR	Plutonium-238	-1.58E-03	U	4.39E-03	1.30E-02	7.31E-03	7.31E-01
LR-4-SUR	Plutonium-238	9.71E-04	U	5.04E-03	1.36E-02	7.31E-03	7.31E-01
LR-5-SUR	Plutonium-238	5.13E-04	U	3.34E-03	8.42E-03	7.31E-03	7.31E-01
LR-6-SUR	Plutonium-238	4.46E-05	U	1.37E-03	3.61E-03	7.31E-03	7.31E-01
LR-7-SUR	Plutonium-238	2.37E-04	U	1.54E-03	3.89E-03	7.31E-03	7.31E-01
LR-8-SUR	Plutonium-238	-2.43E-04	U	1.19E-03	3.65E-03	7.31E-03	7.31E-01
LR-9-SUR	Plutonium-238	7.82E-04	U	1.63E-03	3.90E-03	7.31E-03	7.31E-01
LR-10-SUR	Plutonium-238	1.73E-03	U	1.77E-03	3.42E-03	7.31E-03	7.31E-01
LR-11-SUR	Plutonium-238	-2.81E-04	U	1.23E-03	3.48E-03	7.31E-03	7.31E-01
LR-12-SUR	Plutonium-238	6.98E-04	U	1.21E-03	2.93E-03	7.31E-03	7.31E-01
LR-13-SUR	Plutonium-238	1.33E-03		1.13E-03	1.44E-03	7.31E-03	7.31E-01
LR-14-SUR	Plutonium-238	1.33E-03	U	1.59E-03	3.32E-03	7.31E-03	7.31E-01
LR-15-SUR	Plutonium-238	9.11E-04	U	4.16E-03	1.15E-02	7.31E-03	7.31E-01
LR-16-SUR	Plutonium-238	-8.39E-04	U	4.36E-03	1.28E-02	7.31E-03	7.31E-01
LR-17-SUR	Plutonium-238	3.38E-03	U	7.14E-03	1.62E-02	7.31E-03	7.31E-01
LR-18-SUR	Plutonium-238	1.44E-03	U	7.47E-03	2.02E-02	7.31E-03	7.31E-01
LR-19-SUR	Plutonium-238	1.79E-03		1.27E-03	1.34E-03	7.31E-03	7.31E-01
LR-20-SUR	Plutonium-238	1.08E-03	U	1.51E-03	3.41E-03	7.31E-03	7.31E-01
LR-21-SUR	Plutonium-238	7.27E-04	U	1.11E-03	1.45E-03	7.31E-03	7.31E-01
LR-22-SUR	Plutonium-238	1.73E-03		1.20E-03	1.84E-03	7.31E-03	7.31E-01
LR-23-SUR	Plutonium-238	-3.52E-04	U	1.89E-03	5.01E-03	7.31E-03	7.31E-01
LR-24-SUR	Plutonium-238	3.19E-04	U	1.56E-03	4.21E-03	7.31E-03	7.31E-01
LR-25-SUR	Plutonium-238	-2.98E-04	U	2.11E-03	5.46E-03	7.31E-03	7.31E-01
LR-26-SUR	Plutonium-238	1.18E-03	U	1.55E-03	3.32E-03	7.31E-03	7.31E-01
LR-27-SUR	Plutonium-238	1.77E-03		1.73E-03	3.36E-03	7.31E-03	7.31E-01
Lang Ranch Subsurface Samples (Chatsworth Formation)							
LR-3-SUB	Plutonium-238	1.27E-03	U	1.66E-03	3.56E-03	7.31E-03	7.31E-01
LR-4-SUB	Plutonium-238	2.44E-04	U	1.12E-03	3.07E-03	7.31E-03	7.31E-01
LR-9-SUB	Plutonium-238	3.76E-04	U	2.24E-03	5.37E-03	7.31E-03	7.31E-01
LR-13-SUB	Plutonium-238	8.65E-04	U	1.50E-03	3.63E-03	7.31E-03	7.31E-01
LR-15-SUB	Plutonium-238	1.10E-03	U	2.16E-03	4.77E-03	7.31E-03	7.31E-01
LR-18-SUB	Plutonium-238	0.00E+00	U	1.52E-03	4.20E-03	7.31E-03	7.31E-01
LR-19-SUB	Plutonium-238	-2.79E-04	U	1.28E-03	3.51E-03	7.31E-03	7.31E-01
LR-23-SUB	Plutonium-238	1.19E-03	U	2.61E-03	5.69E-03	7.31E-03	7.31E-01
LR-24-SUB	Plutonium-238	3.81E-03		2.07E-03	2.53E-03	7.31E-03	7.31E-01
LR-26-SUB	Plutonium-238	5.60E-04	U	3.30E-03	8.57E-03	7.31E-03	7.31E-01
Rocky Peak Surface Samples (Chatsworth Formation)							
RP-1-SUR	Plutonium-238	8.15E-04	U	1.60E-03	3.82E-03	7.31E-03	7.31E-01
RP-2-SUR	Plutonium-238	1.26E-03	U	1.79E-03	3.86E-03	7.31E-03	7.31E-01
RP-3-SUR	Plutonium-238	1.65E-03	U	1.68E-03	3.25E-03	7.31E-03	7.31E-01
RP-4-SUR	Plutonium-238	3.29E-03		2.26E-03	3.68E-03	7.31E-03	7.31E-01
RP-5-SUR	Plutonium-238	6.80E-04	U	1.48E-03	3.47E-03	7.31E-03	7.31E-01
RP-6-SUR	Plutonium-238	4.11E-03		2.66E-03	4.12E-03	7.31E-03	7.31E-01
RP-7-SUR	Plutonium-238	2.57E-03		2.21E-03	4.02E-03	7.31E-03	7.31E-01
RP-8-SUR	Plutonium-238	2.05E-03		1.74E-03	3.13E-03	7.31E-03	7.31E-01
RP-9-SUR	Plutonium-238	1.92E-03		1.41E-03	1.53E-03	7.31E-03	7.31E-01
RP-10-SUR	Plutonium-238	1.38E-03	U	1.57E-03	3.23E-03	7.31E-03	7.31E-01
RP-11-SUR	Plutonium-238	1.05E-03	U	1.34E-03	2.93E-03	7.31E-03	7.31E-01
RP-12-SUR	Plutonium-238	4.76E-04	U	1.48E-03	3.65E-03	7.31E-03	7.31E-01
RP-13-SUR	Plutonium-238	2.80E-03		2.50E-03	4.59E-03	7.31E-03	7.31E-01
RP-14-SUR	Plutonium-238	-1.52E-03	U	2.32E-03	7.74E-03	7.31E-03	7.31E-01
RP-15-SUR	Plutonium-238	1.19E-03	U	2.36E-03	5.32E-03	7.31E-03	7.31E-01
RP-16-SUR	Plutonium-238	-4.59E-04	U	2.38E-03	7.02E-03	7.31E-03	7.31E-01
RP-17-SUR	Plutonium-238	1.49E-03	U	1.83E-03	3.79E-03	7.31E-03	7.31E-01
RP-18-SUR	Plutonium-238	1.62E-03	U	1.69E-03	3.30E-03	7.31E-03	7.31E-01
RP-19-SUR	Plutonium-238	1.62E-03	U	1.59E-03	3.09E-03	7.31E-03	7.31E-01
RP-20-SUR	Plutonium-238	1.27E-03	B	1.12E-03	1.45E-03	7.31E-03	7.31E-01
RP-21-SUR	Plutonium-238	2.80E-04	U	1.28E-03	2.98E-03	7.31E-03	7.31E-01
RP-22-SUR	Plutonium-238	-3.32E-04	U	1.78E-03	4.71E-03	7.31E-03	7.31E-01
RP-23-SUR	Plutonium-238	8.07E-04	U	1.42E-03	3.32E-03	7.31E-03	7.31E-01
RP-24-SUR	Plutonium-238	1.19E-03	U	2.33E-03	5.08E-03	7.31E-03	7.31E-01
RP-25-SUR	Plutonium-238	2.49E-03	B	1.99E-03	3.50E-03	7.31E-03	7.31E-01
RP-26-SUR	Plutonium-238	3.23E-03	B	2.02E-03	3.09E-03	7.31E-03	7.31E-01
RP-27-SUR	Plutonium-238	4.33E-04	U	1.04E-03	2.72E-03	7.31E-03	7.31E-01
RP-28-SUR	Plutonium-238	-7.88E-04	U	1.82E-03	5.11E-03	7.31E-03	7.31E-01
Rocky Peak Subsurface Samples (Chatsworth Formation)							
RP-1-SUB	Plutonium-238	1.14E-03	U	1.78E-03	4.16E-03	7.31E-03	7.31E-01
RP-5-SUB	Plutonium-238	1.56E-03	U	2.53E-03	5.42E-03	7.31E-03	7.31E-01
RP-7-SUB	Plutonium-238	5.10E-04	U	1.81E-03	4.53E-03	7.31E-03	7.31E-01
RP-12-SUB	Plutonium-238	3.13E-04	U	1.43E-03	3.94E-03	7.31E-03	7.31E-01

Table 39 - Plutonium-238 Analytical Results

Sample ID	Analyte	Result (pCi/g)	Qualifier(s)	Uncertainty (+/- pCi/g)	MDC (pCi/g)	Agricultural 10^{-6} PRG (pCi/g)	Agricultural 10^{-4} PRG (pCi/g)
RP-13-SUB	Plutonium-238	-2.14E-04	U	1.79E-03	5.15E-03	7.31E-03	7.31E-01
RP-17-SUB	Plutonium-238	-2.03E-04	U	1.47E-03	4.10E-03	7.31E-03	7.31E-01
RP-18-SUB	Plutonium-238	5.05E-04	U	1.53E-03	3.65E-03	7.31E-03	7.31E-01
RP-19-SUB	Plutonium-238	1.54E-03	U	1.70E-03	3.43E-03	7.31E-03	7.31E-01
RP-20-SUB	Plutonium-238	-7.64E-04	U	1.59E-03	4.97E-03	7.31E-03	7.31E-01
RP-28-SUB	Plutonium-238	-1.83E-04	U	2.26E-03	5.55E-03	7.31E-03	7.31E-01
Bridle Path Surface Samples (Santa Susana Formation)							
BP-1-SUR	Plutonium-238	2.42E-03	U	2.99E-03	6.17E-03	7.31E-03	7.31E-01
BP-2-SUR	Plutonium-238	9.13E-04	U	2.16E-03	4.99E-03	7.31E-03	7.31E-01
BP-3-SUR	Plutonium-238	1.46E-03	U	2.27E-03	5.11E-03	7.31E-03	7.31E-01
BP-4-SUR	Plutonium-238	2.67E-04	U	1.10E-03	2.94E-03	7.31E-03	7.31E-01
BP-5-SUR	Plutonium-238	1.76E-03	U	3.00E-03	6.73E-03	7.31E-03	7.31E-01
BP-6-SUR	Plutonium-238	2.07E-03	U	2.18E-03	4.32E-03	7.31E-03	7.31E-01
BP-7-SUR	Plutonium-238	5.17E-04	U	1.58E-03	3.81E-03	7.31E-03	7.31E-01
BP-8-SUR	Plutonium-238	7.04E-03	B	3.25E-03	2.01E-03	7.31E-03	7.31E-01
BP-9-SUR	Plutonium-238	9.58E-04	U	1.46E-03	3.14E-03	7.31E-03	7.31E-01
BP-10-SUR	Plutonium-238	5.87E-03	B	3.11E-03	4.37E-03	7.31E-03	7.31E-01
BP-11-SUR	Plutonium-238	4.21E-03	B	3.38E-03	5.93E-03	7.31E-03	7.31E-01
BP-12-SUR	Plutonium-238	6.55E-04	U	1.75E-03	4.42E-03	7.31E-03	7.31E-01
BP-13-SUR	Plutonium-238	5.26E-03	B	2.94E-03	4.11E-03	7.31E-03	7.31E-01
BP-14-SUR	Plutonium-238	1.28E-03	U	1.83E-03	3.93E-03	7.31E-03	7.31E-01
BP-15-SUR	Plutonium-238	4.35E-03	B	2.71E-03	4.16E-03	7.31E-03	7.31E-01
BP-16-SUR	Plutonium-238	5.10E-03	B	2.95E-03	4.44E-03	7.31E-03	7.31E-01
BP-17-SUR	Plutonium-238	-5.16E-05	U	1.26E-03	3.70E-03	7.31E-03	7.31E-01
BP-18-SUR	Plutonium-238	5.20E-03	B	3.45E-03	5.60E-03	7.31E-03	7.31E-01
BP-19-SUR	Plutonium-238	3.50E-03		3.23E-03	6.06E-03	7.31E-03	7.31E-01
BP-20-SUR	Plutonium-238	-9.71E-04	U	1.49E-03	4.95E-03	7.31E-03	7.31E-01
BP-21-SUR	Plutonium-238	2.56E-03	U	3.31E-03	6.69E-03	7.31E-03	7.31E-01
BP-22-SUR	Plutonium-238	-4.43E-04	U	1.01E-03	3.12E-03	7.31E-03	7.31E-01
BP-23-SUR	Plutonium-238	1.49E-03	U	3.18E-03	7.64E-03	7.31E-03	7.31E-01
BP-24-SUR	Plutonium-238	9.71E-04	U	2.16E-03	5.08E-03	7.31E-03	7.31E-01
BP-25-SUR	Plutonium-238	4.84E-04	U	1.62E-03	3.92E-03	7.31E-03	7.31E-01
BP-26-SUR	Plutonium-238	1.99E-03	U	2.87E-03	6.19E-03	7.31E-03	7.31E-01
BP-27-SUR	Plutonium-238	8.29E-04	U	2.57E-03	6.35E-03	7.31E-03	7.31E-01
BP-28-SUR	Plutonium-238	1.17E-03	U	2.98E-03	6.81E-03	7.31E-03	7.31E-01
BP-29-SUR	Plutonium-238	0.00E+00	U	2.79E-03	6.83E-03	7.31E-03	7.31E-01
BP-30-SUR	Plutonium-238	9.70E-04	U	1.68E-03	4.07E-03	7.31E-03	7.31E-01
BP-31-SUR	Plutonium-238	2.15E-03	U	2.43E-03	4.84E-03	7.31E-03	7.31E-01
BP-32-SUR	Plutonium-238	2.49E-04	U	1.47E-03	3.82E-03	7.31E-03	7.31E-01
BP-33-SUR	Plutonium-238	1.56E-03	U	2.82E-03	6.00E-03	7.31E-03	7.31E-01
BP-34-SUR	Plutonium-238	1.55E-03		1.24E-03	2.17E-03	7.31E-03	7.31E-01
BP-35-SUR	Plutonium-238	1.87E-03		1.37E-03	1.50E-03	7.31E-03	7.31E-01
BP-36-SUR	Plutonium-238	4.53E-03		2.56E-03	3.48E-03	7.31E-03	7.31E-01
BP-37-SUR	Plutonium-238	2.50E-03		1.60E-03	1.50E-03	7.31E-03	7.31E-01
BP-38-SUR	Plutonium-238	4.15E-03		2.19E-03	2.60E-03	7.31E-03	7.31E-01
BP-39-SUR	Plutonium-238	3.88E-04	U	2.05E-03	4.90E-03	7.31E-03	7.31E-01
BP-40-SUR	Plutonium-238	9.49E-04	U	1.67E-03	3.90E-03	7.31E-03	7.31E-01
BP-41-SUR	Plutonium-238	5.12E-04	U	2.01E-03	4.69E-03	7.31E-03	7.31E-01
BP-42-SUR	Plutonium-238	1.37E-03	U	1.57E-03	3.22E-03	7.31E-03	7.31E-01
BP-43-SUR	Plutonium-238	1.74E-03		1.62E-03	3.06E-03	7.31E-03	7.31E-01
BP-44-SUR	Plutonium-238	8.18E-04	U	1.35E-03	3.22E-03	7.31E-03	7.31E-01
BP-45-SUR	Plutonium-238	7.29E-04	U	1.12E-03	1.46E-03	7.31E-03	7.31E-01
BP-46-SUR	Plutonium-238	3.36E-04	U	2.24E-03	5.39E-03	7.31E-03	7.31E-01
BP-47-SUR	Plutonium-238	8.65E-04	U	1.50E-03	3.63E-03	7.31E-03	7.31E-01
BP-48-SUR	Plutonium-238	2.40E-03		1.80E-03	3.01E-03	7.31E-03	7.31E-01
BP-49-SUR	Plutonium-238	2.90E-03		1.74E-03	1.51E-03	7.31E-03	7.31E-01
BP-50-SUR	Plutonium-238	1.32E-03	U	1.72E-03	3.78E-03	7.31E-03	7.31E-01
BP-51-SUR	Plutonium-238	3.27E-03		1.93E-03	1.64E-03	7.31E-03	7.31E-01
BP-52-SUR	Plutonium-238	1.60E-03		1.49E-03	2.81E-03	7.31E-03	7.31E-01
BP-53-SUR	Plutonium-238	3.41E-04	U	1.80E-03	4.30E-03	7.31E-03	7.31E-01
BP-54-SUR	Plutonium-238	1.20E-03	U	1.73E-03	3.81E-03	7.31E-03	7.31E-01
Bridle Path Subsurface Samples (Santa Susana Formation)							
BP-3-SUB	Plutonium-238	2.91E-03		2.08E-03	2.19E-03	7.31E-03	7.31E-01
BP-4-SUB	Plutonium-238	-7.35E-04	U	1.68E-03	5.17E-03	7.31E-03	7.31E-01
BP-5-SUB	Plutonium-238	-3.93E-04	U	2.04E-03	6.01E-03	7.31E-03	7.31E-01
BP-9-SUB	Plutonium-238	5.01E-04	U	1.34E-03	3.38E-03	7.31E-03	7.31E-01
BP-12-SUB	Plutonium-238	1.37E-03	U	1.79E-03	3.93E-03	7.31E-03	7.31E-01
BP-13-SUB	Plutonium-238	0.00E+00	U	1.83E-03	5.05E-03	7.31E-03	7.31E-01
BP-14-SUB	Plutonium-238	-8.13E-04	U	2.26E-03	6.67E-03	7.31E-03	7.31E-01
BP-16-SUB	Plutonium-238	2.62E-03	U	3.00E-03	6.14E-03	7.31E-03	7.31E-01
BP-20-SUB	Plutonium-238	1.52E-03	U	2.64E-03	5.84E-03	7.31E-03	7.31E-01
BP-23-SUB	Plutonium-238	-2.09E-04	U	1.23E-03	3.43E-03	7.31E-03	7.31E-01
BP-29-SUB	Plutonium-238	3.35E-04	U	1.79E-03	4.80E-03	7.31E-03	7.31E-01
BP-34-SUB	Plutonium-238	2.71E-03		2.48E-03	4.61E-03	7.31E-03	7.31E-01

Table 39 - Plutonium-238 Analytical Results

Sample ID	Analyte	Result (pCi/g)	Qualifier(s)	Uncertainty (+/- pCi/g)	MDC (pCi/g)	Agricultural 10^{-6} PRG (pCi/g)	Agricultural 10^{-4} PRG (pCi/g)
BP-35-SUB	Plutonium-238	1.58E-03	U	1.78E-03	3.55E-03	7.31E-03	7.31E-01
BP-38-SUB	Plutonium-238	-1.20E-05	U	1.41E-03	3.75E-03	7.31E-03	7.31E-01
BP-43-SUB	Plutonium-238	5.36E-03		3.29E-03	4.94E-03	7.31E-03	7.31E-01
BP-45-SUB	Plutonium-238	6.78E-04	U	2.10E-03	5.18E-03	7.31E-03	7.31E-01
BP-46-SUB	Plutonium-238	5.17E-03		3.70E-03	6.06E-03	7.31E-03	7.31E-01
BP-48-SUB	Plutonium-238	-1.17E-03	U	2.30E-03	6.23E-03	7.31E-03	7.31E-01
BP-50-SUB	Plutonium-238	5.59E-04	U	1.90E-03	4.58E-03	7.31E-03	7.31E-01
BP-51-SUB	Plutonium-238	8.91E-04	U	1.74E-03	4.01E-03	7.31E-03	7.31E-01
Distance Test Locations							
NW-2-SUR (SP-10)	Plutonium-238	0.00E+00	U	1.04E-03	2.87E-03	7.31E-03	7.31E-01
NW-3-SUR (SP-13)	Plutonium-238	2.97E-03		2.72E-03	5.06E-03	7.31E-03	7.31E-01
NW-4-SUR (LP-14)	Plutonium-238	9.88E-04	U	1.14E-03	1.48E-03	7.31E-03	7.31E-01
NW-5-SUR (LP-7)	Plutonium-238	6.14E-03		3.44E-03	5.11E-03	7.31E-03	7.31E-01
NW-6-SUR (LP-8)	Plutonium-238	1.09E-03	U	2.28E-03	4.99E-03	7.31E-03	7.31E-01
SW-1-SUR (Z-10)	Plutonium-238	1.96E-03		1.68E-03	2.15E-03	7.31E-03	7.31E-01
SW-3-SUR (Z-4)	Plutonium-238	1.71E-03	U	1.75E-03	3.44E-03	7.31E-03	7.31E-01
SW-5-SUR (Z-14)	Plutonium-238	5.77E-04	U	2.63E-03	7.25E-03	7.31E-03	7.31E-01
SW-6-SUR (Z-13)	Plutonium-238	4.42E-04	U	1.23E-03	3.11E-03	7.31E-03	7.31E-01
SW-7-SUR (Z-3)	Plutonium-238	8.09E-04	U	2.18E-03	4.94E-03	7.31E-03	7.31E-01
SE-1-SUR (SR-2)	Plutonium-238	-7.94E-04	U	1.91E-03	6.08E-03	7.31E-03	7.31E-01
SE-2-SUR (SR-3)	Plutonium-238	1.09E-03	U	1.52E-03	3.42E-03	7.31E-03	7.31E-01
SE-3-SUR (TP-11)	Plutonium-238	1.59E-03	U	2.01E-03	4.18E-03	7.31E-03	7.31E-01
SE-4-SUR (TP-14)	Plutonium-238	5.92E-03		3.55E-03	5.20E-03	7.31E-03	7.31E-01
SE-6-SUR (TP-16)	Plutonium-238	1.65E-03	U	2.47E-03	3.22E-03	7.31E-03	7.31E-01
NE-1-SUR (RC-7)	Plutonium-238	3.97E-03		2.82E-03	4.67E-03	7.31E-03	7.31E-01
NE-3-SUR (SCT-5	Plutonium-238	7.30E-04	U	2.22E-03	5.30E-03	7.31E-03	7.31E-01
NE-4-SUR (SCT-9)	Plutonium-238	3.38E-03		2.59E-03	4.43E-03	7.31E-03	7.31E-01
NE-5-SUR (SCT-10)	Plutonium-238	3.35E-03		2.75E-03	4.86E-03	7.31E-03	7.31E-01
NE-6-SUR (SCT-11)	Plutonium-238	7.00E-04	U	1.52E-03	3.57E-03	7.31E-03	7.31E-01

Notes:

pCi/g - Picocuries per gram of dry soil. Analyses for H-3, C-14, Tc-99, and I-129 are reported in units of pCi per gram of "as-received" soil.

MDC - Minimum Detectable Concentration

PRG - Preliminary Remediation Goal

Uncertainty - Reported at the 1.96σ Confidence Interval. Gamma Spec. Reported at the 2σ Confidence Interval.

Data Qualifiers:

B - Analyte present, but not detected substantially above the level reported in laboratory or field blanks.

J - The analyte was detected at the reported concentration: the quantitation is an estimate.

K - Analyte present. Reported value may be biased high. Actual value is expected to be lower.

L - Analyte present. Reported value may be biased low. Actual value is expected to be higher.

R - The result is rejected due to serious deficiences in the ability to analyze the sample and meet the Quality Control criteria.

U - Not considered detected. The associated number is the reported concentration.

UJ - Not considered detected. The associated number is the reported concentration which may be inaccurate.

UL - Not considered detected. The associated number is the reported concentration which may be inaccurate due to a low bias.

X - Excluded. The data point is associated with reanalyses or diluted analyses and is excluded because another result has been selecetd as the definitive result for the analyte

These results are qualified based on the usability of the data for its intended purpose, which is to develop a statistical profile against which to compare individual on-site sample results, to determine the extent of potential site contamination that may be attributable to site activities.

Table 40 - Plutonium-239/240 Analytical Results

Sample ID	Analyte	Result (pCi/g)	Qualifier(s)	Uncertainty (+/- pCi/g)	MDC (pCi/g)	Agricultural 10^{-6} PRG (pCi/g)	Agricultural 10^{-4} PRG (pCi/g)
Lang Ranch Surface Samples (Chatsworth Formation)							
LR-1-SUR	Pu-239/240	6.88E-03		3.90E-03	5.57E-03	6.09E-03	6.09E-01
LR-2-SUR	Pu-239/240	8.27E-03		7.20E-03	1.29E-02	6.09E-03	6.09E-01
LR-3-SUR	Pu-239/240	0.00E+00	U	5.31E-03	1.36E-02	6.09E-03	6.09E-01
LR-4-SUR	Pu-239/240	2.88E-03	U	6.28E-03	1.47E-02	6.09E-03	6.09E-01
LR-5-SUR	Pu-239/240	7.23E-03		4.45E-03	6.39E-03	6.09E-03	6.09E-01
LR-6-SUR	Pu-239/240	2.73E-03		1.97E-03	3.29E-03	6.09E-03	6.09E-01
LR-7-SUR	Pu-239/240	5.40E-03		2.54E-03	2.95E-03	6.09E-03	6.09E-01
LR-8-SUR	Pu-239/240	3.88E-03		2.61E-03	4.24E-03	6.09E-03	6.09E-01
LR-9-SUR	Pu-239/240	5.12E-03		2.87E-03	4.13E-03	6.09E-03	6.09E-01
LR-10-SUR	Pu-239/240	6.70E-03		2.78E-03	3.11E-03	6.09E-03	6.09E-01
LR-11-SUR	Pu-239/240	4.84E-03		2.27E-03	2.65E-03	6.09E-03	6.09E-01
LR-12-SUR	Pu-239/240	3.21E-03		2.53E-03	4.43E-03	6.09E-03	6.09E-01
LR-13-SUR	Pu-239/240	5.78E-03		2.73E-03	3.35E-03	6.09E-03	6.09E-01
LR-14-SUR	Pu-239/240	5.61E-03		2.74E-03	3.58E-03	6.09E-03	6.09E-01
LR-15-SUR	Pu-239/240	1.75E-03	U	7.07E-03	1.65E-02	6.09E-03	6.09E-01
LR-16-SUR	Pu-239/240	2.80E-03	U	5.02E-03	1.17E-02	6.09E-03	6.09E-01
LR-17-SUR	Pu-239/240	-1.50E-03	U	6.22E-03	1.70E-02	6.09E-03	6.09E-01
LR-18-SUR	Pu-239/240	1.42E-03	U	8.38E-03	2.18E-02	6.09E-03	6.09E-01
LR-19-SUR	Pu-239/240	4.85E-03		2.34E-03	2.79E-03	6.09E-03	6.09E-01
LR-20-SUR	Pu-239/240	3.76E-03		2.43E-03	3.77E-03	6.09E-03	6.09E-01
LR-21-SUR	Pu-239/240	5.51E-03		2.42E-03	1.44E-03	6.09E-03	6.09E-01
LR-22-SUR	Pu-239/240	2.74E-03		1.49E-03	1.82E-03	6.09E-03	6.09E-01
LR-23-SUR	Pu-239/240	5.81E-03		2.77E-03	2.95E-03	6.09E-03	6.09E-01
LR-24-SUR	Pu-239/240	2.99E-03		1.92E-03	1.79E-03	6.09E-03	6.09E-01
LR-25-SUR	Pu-239/240	9.46E-03		3.90E-03	4.16E-03	6.09E-03	6.09E-01
LR-26-SUR	Pu-239/240	1.39E-02		4.21E-03	2.22E-03	6.09E-03	6.09E-01
LR-27-SUR	Pu-239/240	5.30E-03		3.15E-03	4.85E-03	6.09E-03	6.09E-01
Lang Ranch Subsurface Samples (Chatsworth Formation)							
LR-3-SUB	Pu-239/240	-7.53E-04	U	1.78E-03	4.81E-03	6.09E-03	6.09E-01
LR-4-SUB	Pu-239/240	2.03E-03		1.65E-03	2.89E-03	6.09E-03	6.09E-01
LR-9-SUB	Pu-239/240	1.03E-04	U	1.34E-03	3.69E-03	6.09E-03	6.09E-01
LR-13-SUB	Pu-239/240	2.86E-04	U	1.31E-03	3.60E-03	6.09E-03	6.09E-01
LR-15-SUB	Pu-239/240	-2.71E-04	U	1.24E-03	3.42E-03	6.09E-03	6.09E-01
LR-18-SUB	Pu-239/240	5.44E-04	U	1.24E-03	2.90E-03	6.09E-03	6.09E-01
LR-19-SUB	Pu-239/240	1.30E-03	U	1.42E-03	2.95E-03	6.09E-03	6.09E-01
LR-23-SUB	Pu-239/240	5.88E-04	U	1.83E-03	4.50E-03	6.09E-03	6.09E-01
LR-24-SUB	Pu-239/240	7.07E-04	U	1.54E-03	3.61E-03	6.09E-03	6.09E-01
LR-26-SUB	Pu-239/240	1.11E-03	U	2.67E-03	6.98E-03	6.09E-03	6.09E-01
Rocky Peak Surface Samples (Chatsworth Formation)							
RP-1-SUR	Pu-239/240	2.69E-03		2.28E-03	4.12E-03	6.09E-03	6.09E-01
RP-2-SUR	Pu-239/240	2.03E-03		1.66E-03	2.89E-03	6.09E-03	6.09E-01
RP-3-SUR	Pu-239/240	4.05E-03		2.15E-03	2.96E-03	6.09E-03	6.09E-01
RP-4-SUR	Pu-239/240	5.41E-03		3.06E-03	4.65E-03	6.09E-03	6.09E-01
RP-5-SUR	Pu-239/240	1.71E-02		4.79E-03	2.83E-03	6.09E-03	6.09E-01
RP-6-SUR	Pu-239/240	6.68E-03		3.55E-03	5.05E-03	6.09E-03	6.09E-01
RP-7-SUR	Pu-239/240	6.80E-03		3.77E-03	5.65E-03	6.09E-03	6.09E-01
RP-8-SUR	Pu-239/240	2.45E-03	U	2.50E-03	4.74E-03	6.09E-03	6.09E-01
RP-9-SUR	Pu-239/240	6.56E-03		2.99E-03	3.55E-03	6.09E-03	6.09E-01
RP-10-SUR	Pu-239/240	5.91E-03		2.77E-03	3.48E-03	6.09E-03	6.09E-01
RP-11-SUR	Pu-239/240	4.61E-04	U	1.81E-03	4.22E-03	6.09E-03	6.09E-01
RP-12-SUR	Pu-239/240	6.61E-03		2.90E-03	3.32E-03	6.09E-03	6.09E-01
RP-13-SUR	Pu-239/240	3.60E-03		2.32E-03	3.49E-03	6.09E-03	6.09E-01
RP-14-SUR	Pu-239/240	8.02E-03		4.83E-03	7.04E-03	6.09E-03	6.09E-01
RP-15-SUR	Pu-239/240	1.48E-02		5.10E-03	4.04E-03	6.09E-03	6.09E-01
RP-16-SUR	Pu-239/240	1.46E-02		5.96E-03	5.71E-03	6.09E-03	6.09E-01
RP-17-SUR	Pu-239/240	5.15E-03		2.96E-03	4.49E-03	6.09E-03	6.09E-01
RP-18-SUR	Pu-239/240	7.92E-03		3.31E-03	4.16E-03	6.09E-03	6.09E-01
RP-19-SUR	Pu-239/240	8.52E-03		3.35E-03	3.42E-03	6.09E-03	6.09E-01
RP-20-SUR	Pu-239/240	6.92E-03		2.75E-03	1.43E-03	6.09E-03	6.09E-01
RP-21-SUR	Pu-239/240	2.49E-03		1.85E-03	2.95E-03	6.09E-03	6.09E-01
RP-22-SUR	Pu-239/240	1.15E-02		3.94E-03	2.77E-03	6.09E-03	6.09E-01
RP-23-SUR	Pu-239/240	4.70E-03		2.20E-03	1.41E-03	6.09E-03	6.09E-01
RP-24-SUR	Pu-239/240	7.00E-03		3.23E-03	3.87E-03	6.09E-03	6.09E-01
RP-25-SUR	Pu-239/240	8.00E-03		3.09E-03	2.34E-03	6.09E-03	6.09E-01
RP-26-SUR	Pu-239/240	4.79E-03		2.74E-03	4.17E-03	6.09E-03	6.09E-01
RP-27-SUR	Pu-239/240	7.06E-03		2.76E-03	2.56E-03	6.09E-03	6.09E-01
RP-28-SUR	Pu-239/240	8.37E-03		3.47E-03	3.51E-03	6.09E-03	6.09E-01
Rocky Peak Subsurface Samples (Chatsworth Formation)							
RP-1-SUB	Pu-239/240	6.56E-04	U	1.58E-03	4.12E-03	6.09E-03	6.09E-01
RP-5-SUB	Pu-239/240	2.16E-03		2.04E-03	3.88E-03	6.09E-03	6.09E-01
RP-7-SUB	Pu-239/240	8.81E-04	U	1.35E-03	3.13E-03	6.09E-03	6.09E-01
RP-12-SUB	Pu-239/240	-1.26E-03	U	2.12E-03	5.96E-03	6.09E-03	6.09E-01

Table 40 - Plutonium-239/240 Analytical Results

Sample ID	Analyte	Result (pCi/g)	Qualifier(s)	Uncertainty (+/- pCi/g)	MDC (pCi/g)	Agricultural 10^{-6} PRG (pCi/g)	Agricultural 10^{-4} PRG (pCi/g)
RP-13-SUB	Pu-239/240	6.67E-04	U	1.60E-03	4.19E-03	6.09E-03	6.09E-01
RP-17-SUB	Pu-239/240	1.10E-03	U	1.69E-03	3.73E-03	6.09E-03	6.09E-01
RP-18-SUB	Pu-239/240	1.10E-03	U	1.31E-03	2.78E-03	6.09E-03	6.09E-01
RP-19-SUB	Pu-239/240	1.34E-03	U	1.89E-03	3.99E-03	6.09E-03	6.09E-01
RP-20-SUB	Pu-239/240	1.02E-03	U	2.24E-03	5.26E-03	6.09E-03	6.09E-01
RP-28-SUB	Pu-239/240	-4.76E-04	U	2.03E-03	5.28E-03	6.09E-03	6.09E-01
Bridle Path Surface Samples (Santa Susana Formation)							
BP-1-SUR	Pu-239/240	1.20E-03	U	3.24E-03	7.33E-03	6.09E-03	6.09E-01
BP-2-SUR	Pu-239/240	7.25E-03		3.75E-03	5.25E-03	6.09E-03	6.09E-01
BP-3-SUR	Pu-239/240	2.53E-03	U	2.77E-03	5.52E-03	6.09E-03	6.09E-01
BP-4-SUR	Pu-239/240	4.38E-03		2.38E-03	3.42E-03	6.09E-03	6.09E-01
BP-5-SUR	Pu-239/240	3.30E-03		2.82E-03	5.05E-03	6.09E-03	6.09E-01
BP-6-SUR	Pu-239/240	2.99E-03		2.54E-03	4.58E-03	6.09E-03	6.09E-01
BP-7-SUR	Pu-239/240	4.28E-03		2.41E-03	3.47E-03	6.09E-03	6.09E-01
BP-8-SUR	Pu-239/240	-3.33E-04	U	4.18E-03	9.09E-03	6.09E-03	6.09E-01
BP-9-SUR	Pu-239/240	6.08E-03		2.43E-03	2.39E-03	6.09E-03	6.09E-01
BP-10-SUR	Pu-239/240	3.44E-03		3.12E-03	5.67E-03	6.09E-03	6.09E-01
BP-11-SUR	Pu-239/240	3.21E-03	U	3.26E-03	6.16E-03	6.09E-03	6.09E-01
BP-12-SUR	Pu-239/240	4.71E-03		3.18E-03	5.15E-03	6.09E-03	6.09E-01
BP-13-SUR	Pu-239/240	4.06E-03		2.98E-03	5.05E-03	6.09E-03	6.09E-01
BP-14-SUR	Pu-239/240	3.82E-03		2.85E-03	4.88E-03	6.09E-03	6.09E-01
BP-15-SUR	Pu-239/240	2.97E-03		2.10E-03	3.39E-03	6.09E-03	6.09E-01
BP-16-SUR	Pu-239/240	4.05E-03		2.52E-03	3.88E-03	6.09E-03	6.09E-01
BP-17-SUR	Pu-239/240	2.82E-03		2.23E-03	3.92E-03	6.09E-03	6.09E-01
BP-18-SUR	Pu-239/240	6.68E-03		3.34E-03	4.27E-03	6.09E-03	6.09E-01
BP-19-SUR	Pu-239/240	3.44E-03	U	3.63E-03	7.06E-03	6.09E-03	6.09E-01
BP-20-SUR	Pu-239/240	6.43E-03		3.27E-03	4.04E-03	6.09E-03	6.09E-01
BP-21-SUR	Pu-239/240	4.72E-03		3.21E-03	5.10E-03	6.09E-03	6.09E-01
BP-22-SUR	Pu-239/240	5.01E-03		2.52E-03	3.37E-03	6.09E-03	6.09E-01
BP-23-SUR	Pu-239/240	3.17E-03	U	3.92E-03	8.10E-03	6.09E-03	6.09E-01
BP-24-SUR	Pu-239/240	5.12E-03		2.90E-03	3.81E-03	6.09E-03	6.09E-01
BP-25-SUR	Pu-239/240	4.89E-03		2.59E-03	3.57E-03	6.09E-03	6.09E-01
BP-26-SUR	Pu-239/240	2.65E-03	U	2.60E-03	5.05E-03	6.09E-03	6.09E-01
BP-27-SUR	Pu-239/240	5.76E-03		3.57E-03	5.18E-03	6.09E-03	6.09E-01
BP-28-SUR	Pu-239/240	5.05E-03		3.26E-03	4.88E-03	6.09E-03	6.09E-01
BP-29-SUR	Pu-239/240	6.36E-03		3.57E-03	4.97E-03	6.09E-03	6.09E-01
BP-30-SUR	Pu-239/240	4.43E-03		3.40E-03	5.88E-03	6.09E-03	6.09E-01
BP-31-SUR	Pu-239/240	1.59E-03	U	2.08E-03	4.41E-03	6.09E-03	6.09E-01
BP-32-SUR	Pu-239/240	3.62E-03		2.28E-03	3.48E-03	6.09E-03	6.09E-01
BP-33-SUR	Pu-239/240	3.73E-03		2.66E-03	4.36E-03	6.09E-03	6.09E-01
BP-34-SUR	Pu-239/240	1.20E-03	U	1.55E-03	3.14E-03	6.09E-03	6.09E-01
BP-35-SUR	Pu-239/240	6.47E-03		2.87E-03	3.13E-03	6.09E-03	6.09E-01
BP-36-SUR	Pu-239/240	4.34E-03		2.61E-03	3.86E-03	6.09E-03	6.09E-01
BP-37-SUR	Pu-239/240	4.72E-03		2.26E-03	1.49E-03	6.09E-03	6.09E-01
BP-38-SUR	Pu-239/240	2.53E-03		1.72E-03	2.58E-03	6.09E-03	6.09E-01
BP-39-SUR	Pu-239/240	3.26E-03		2.06E-03	2.89E-03	6.09E-03	6.09E-01
BP-40-SUR	Pu-239/240	4.38E-03		2.28E-03	1.66E-03	6.09E-03	6.09E-01
BP-41-SUR	Pu-239/240	3.56E-03		2.30E-03	3.57E-03	6.09E-03	6.09E-01
BP-42-SUR	Pu-239/240	2.37E-03		1.56E-03	2.16E-03	6.09E-03	6.09E-01
BP-43-SUR	Pu-239/240	2.81E-03		2.33E-03	4.15E-03	6.09E-03	6.09E-01
BP-44-SUR	Pu-239/240	5.43E-03		2.62E-03	3.03E-03	6.09E-03	6.09E-01
BP-45-SUR	Pu-239/240	5.55E-03		2.61E-03	3.04E-03	6.09E-03	6.09E-01
BP-46-SUR	Pu-239/240	4.72E-03		2.70E-03	3.71E-03	6.09E-03	6.09E-01
BP-47-SUR	Pu-239/240	3.44E-03		2.32E-03	3.60E-03	6.09E-03	6.09E-01
BP-48-SUR	Pu-239/240	6.90E-03		2.82E-03	2.53E-03	6.09E-03	6.09E-01
BP-49-SUR	Pu-239/240	4.24E-03		2.34E-03	3.14E-03	6.09E-03	6.09E-01
BP-50-SUR	Pu-239/240	8.65E-04	U	1.75E-03	4.19E-03	6.09E-03	6.09E-01
BP-51-SUR	Pu-239/240	2.44E-03		1.64E-03	1.62E-03	6.09E-03	6.09E-01
BP-52-SUR	Pu-239/240	9.68E-03		3.56E-03	2.79E-03	6.09E-03	6.09E-01
BP-53-SUR	Pu-239/240	4.53E-03		2.26E-03	2.54E-03	6.09E-03	6.09E-01
BP-54-SUR	Pu-239/240	2.98E-03		1.83E-03	1.63E-03	6.09E-03	6.09E-01
Bridle Path Subsurface Samples (Santa Susana Formation)							
BP-3-SUB	Pu-239/240	2.53E-03	U	2.59E-03	5.08E-03	6.09E-03	6.09E-01
BP-4-SUB	Pu-239/240	-4.01E-04	U	1.88E-03	5.58E-03	6.09E-03	6.09E-01
BP-5-SUB	Pu-239/240	6.08E-04	U	1.78E-03	4.51E-03	6.09E-03	6.09E-01
BP-9-SUB	Pu-239/240	1.68E-03	U	1.96E-03	3.94E-03	6.09E-03	6.09E-01
BP-12-SUB	Pu-239/240	0.00E+00	U	2.27E-03	5.67E-03	6.09E-03	6.09E-01
BP-13-SUB	Pu-239/240	1.97E-03	U	2.25E-03	4.61E-03	6.09E-03	6.09E-01
BP-14-SUB	Pu-239/240	-1.21E-03	U	2.38E-03	7.02E-03	6.09E-03	6.09E-01
BP-16-SUB	Pu-239/240	4.21E-04	U	2.55E-03	6.64E-03	6.09E-03	6.09E-01
BP-20-SUB	Pu-239/240	1.21E-03	U	2.30E-03	5.32E-03	6.09E-03	6.09E-01
BP-23-SUB	Pu-239/240	-6.23E-04	U	1.23E-03	3.61E-03	6.09E-03	6.09E-01
BP-29-SUB	Pu-239/240	8.88E-04	U	2.13E-03	5.09E-03	6.09E-03	6.09E-01
BP-34-SUB	Pu-239/240	1.25E-03	U	1.57E-03	3.46E-03	6.09E-03	6.09E-01

Table 40 - Plutonium-239/240 Analytical Results

Sample ID	Analyte	Result (pCi/g)	Qualifier(s)	Uncertainty (+/- pCi/g)	MDC (pCi/g)	Agricultural 10^{-6} PRG (pCi/g)	Agricultural 10^{-4} PRG (pCi/g)
BP-35-SUB	Pu-239/240	1.60E-03	U	1.65E-03	3.23E-03	6.09E-03	6.09E-01
BP-38-SUB	Pu-239/240	9.08E-04	U	1.27E-03	2.86E-03	6.09E-03	6.09E-01
BP-43-SUB	Pu-239/240	-1.21E-03	U	2.19E-03	6.14E-03	6.09E-03	6.09E-01
BP-45-SUB	Pu-239/240	-4.84E-04	U	1.54E-03	3.89E-03	6.09E-03	6.09E-01
BP-46-SUB	Pu-239/240	8.55E-04	U	2.66E-03	6.55E-03	6.09E-03	6.09E-01
BP-48-SUB	Pu-239/240	-5.35E-04	U	2.28E-03	5.93E-03	6.09E-03	6.09E-01
BP-50-SUB	Pu-239/240	-4.41E-04	U	1.75E-03	4.82E-03	6.09E-03	6.09E-01
BP-51-SUB	Pu-239/240	5.20E-04	U	1.44E-03	3.66E-03	6.09E-03	6.09E-01
Distance Test Locations							
NW-2-SUR (SP-10)	Pu-239/240	4.74E-03		2.80E-03	4.35E-03	6.09E-03	6.09E-01
NW-3-SUR (SP-13)	Pu-239/240	6.54E-03		3.90E-03	5.99E-03	6.09E-03	6.09E-01
NW-4-SUR (LP-14)	Pu-239/240	1.11E-02		3.88E-03	3.44E-03	6.09E-03	6.09E-01
NW-5-SUR (LP-7)	Pu-239/240	4.98E-03		2.78E-03	3.89E-03	6.09E-03	6.09E-01
NW-6-SUR (LP-8)	Pu-239/240	6.21E-03		3.03E-03	3.80E-03	6.09E-03	6.09E-01
SW-1-SUR (Z-10)	Pu-239/240	7.11E-04	U	1.97E-03	5.00E-03	6.09E-03	6.09E-01
SW-3-SUR (Z-4)	Pu-239/240	1.50E-02		4.65E-03	3.70E-03	6.09E-03	6.09E-01
SW-5-SUR (Z-14)	Pu-239/240	-1.14E-03	U	3.88E-03	1.05E-02	6.09E-03	6.09E-01
SW-6-SUR (Z-13)	Pu-239/240	0.00E+00	U	1.21E-03	3.35E-03	6.09E-03	6.09E-01
SW-7-SUR (Z-3)	Pu-239/240	0.00E+00	U	1.28E-03	3.76E-03	6.09E-03	6.09E-01
SE-1-SUR (SR-2)	Pu-239/240	3.93E-04	U	2.04E-03	5.53E-03	6.09E-03	6.09E-01
SE-2-SUR (SR-3)	Pu-239/240	2.69E-04	U	2.04E-03	4.93E-03	6.09E-03	6.09E-01
SE-3-SUR (TP-11)	Pu-239/240	1.52E-03	U	1.83E-03	3.81E-03	6.09E-03	6.09E-01
SE-4-SUR (TP-14)	Pu-239/240	0.00E+00	U	2.49E-03	6.38E-03	6.09E-03	6.09E-01
SE-6-SUR (TP-16)	Pu-239/240	1.06E-03	U	2.95E-03	7.47E-03	6.09E-03	6.09E-01
NE-1-SUR (RC-7)	Pu-239/240	4.23E-03		3.32E-03	5.79E-03	6.09E-03	6.09E-01
NE-3-SUR (SCT-5	Pu-239/240	6.60E-03		3.34E-03	4.03E-03	6.09E-03	6.09E-01
NE-4-SUR (SCT-9)	Pu-239/240	9.38E-03		3.80E-03	4.09E-03	6.09E-03	6.09E-01
NE-5-SUR (SCT-10)	Pu-239/240	5.70E-03		2.89E-03	3.70E-03	6.09E-03	6.09E-01
NE-6-SUR (SCT-11)	Pu-239/240	5.09E-03		2.45E-03	2.91E-03	6.09E-03	6.09E-01

Notes:

pCi/g - Picocuries per gram of dry soil. Analyses for H-3, C-14, Tc-99, and I-129 are reported in units of pCi per gram of "as-received" soil.

MDC - Minimum Detectable Concentration

PRG - Preliminary Remediation Goal

Uncertainty - Reported at the 1.96σ Confidence Interval. Gamma Spec. Reported at the 2σ Confidence Interval.

Data Qualifiers:

B - Analyte present, but not detected substantially above the level reported in laboratory or field blanks.

J - The analyte was detected at the reported concentration: the quantitation is an estimate.

K - Analyte present. Reported value may be biased high. Actual value is expected to be lower.

L - Analyte present. Reported value may be biased low. Actual value is expected to be higher.

R - The result is rejected due to serious deficiences in the ability to analyze the sample and meet the Quality Control criteria.

U - Not considered detected. The associated number is the reported concentration.

UJ - Not considered detected. The associated number is the reported concentration which may be inaccurate.

UL - Not considered detected. The associated number is the reported concentration which may be inaccurate due to a low bias.

X - Excluded. The data point is associated with reanalyses or diluted analyses and is excluded because another result has been selecetd as the definitive result for the analyte

These results are qualified based on the usability of the data for its intended purpose, which is to develop a statistical profile against which to compare individual on-site sample results, to determine the extent of potential site contamination that may be attributable to site activities.

Table 41 - Plutonium-242 Analytical Results

Sample ID	Analyte	Result (pCi/g)	Qualifier(s)	Uncertainty (+/- pCi/g)	MDC (pCi/g)	Agricultural 10^{-6} PRG (pCi/g)	Agricultural 10^{-4} PRG (pCi/g)
Lang Ranch Surface Samples (Chatsworth Formation)							
LR-1-SUR	Plutonium-242	7.49E-04	U	1.71E-03	3.99E-03	6.42E-03	6.42E-01
LR-2-SUR	Plutonium-242	-9.19E-04	U	4.20E-03	1.29E-02	6.42E-03	6.42E-01
LR-3-SUR	Plutonium-242	1.56E-03	U	4.35E-03	1.10E-02	6.42E-03	6.42E-01
LR-4-SUR	Plutonium-242	3.85E-03	U	4.69E-03	1.02E-02	6.42E-03	6.42E-01
LR-5-SUR	Plutonium-242	-3.39E-04	U	2.32E-03	6.39E-03	6.42E-03	6.42E-01
LR-6-SUR	Plutonium-242	1.77E-03		1.40E-03	2.35E-03	6.42E-03	6.42E-01
LR-7-SUR	Plutonium-242	6.84E-05	U	1.07E-03	2.95E-03	6.42E-03	6.42E-01
LR-8-SUR	Plutonium-242	7.76E-04	U	1.69E-03	3.96E-03	6.42E-03	6.42E-01
LR-9-SUR	Plutonium-242	2.70E-04	U	1.59E-03	4.13E-03	6.42E-03	6.42E-01
LR-10-SUR	Plutonium-242	6.28E-04	U	9.60E-04	2.23E-03	6.42E-03	6.42E-01
LR-11-SUR	Plutonium-242	4.21E-04	U	1.01E-03	2.65E-03	6.42E-03	6.42E-01
LR-12-SUR	Plutonium-242	1.21E-04	U	1.32E-03	3.53E-03	6.42E-03	6.42E-01
LR-13-SUR	Plutonium-242	-1.19E-03	U	1.56E-03	4.57E-03	6.42E-03	6.42E-01
LR-14-SUR	Plutonium-242	1.17E-03		1.08E-03	1.40E-03	6.42E-03	6.42E-01
LR-15-SUR	Plutonium-242	-9.02E-04	U	4.68E-03	1.38E-02	6.42E-03	6.42E-01
LR-16-SUR	Plutonium-242	-8.31E-04	U	3.80E-03	1.17E-02	6.42E-03	6.42E-01
LR-17-SUR	Plutonium-242	5.87E-03	U	6.77E-03	1.38E-02	6.42E-03	6.42E-01
LR-18-SUR	Plutonium-242	0.00E+00	U	6.50E-03	1.52E-02	6.42E-03	6.42E-01
LR-19-SUR	Plutonium-242	-8.86E-04	U	1.38E-03	4.06E-03	6.42E-03	6.42E-01
LR-20-SUR	Plutonium-242	-8.05E-04	U	1.40E-03	4.40E-03	6.42E-03	6.42E-01
LR-21-SUR	Plutonium-242	8.76E-04	U	1.10E-03	1.44E-03	6.42E-03	6.42E-01
LR-22-SUR	Plutonium-242	5.14E-04	U	7.85E-04	1.82E-03	6.42E-03	6.42E-01
LR-23-SUR	Plutonium-242	0.00E+00	U	1.26E-03	3.48E-03	6.42E-03	6.42E-01
LR-24-SUR	Plutonium-242	5.97E-04	U	1.37E-03	3.18E-03	6.42E-03	6.42E-01
LR-25-SUR	Plutonium-242	1.18E-03	U	2.47E-03	5.41E-03	6.42E-03	6.42E-01
LR-26-SUR	Plutonium-242	2.34E-04	U	1.07E-03	2.95E-03	6.42E-03	6.42E-01
LR-27-SUR	Plutonium-242	1.59E-03	U	1.96E-03	4.05E-03	6.42E-03	6.42E-01
Lang Ranch Subsurface Samples (Chatsworth Formation)							
LR-3-SUB	Plutonium-242	-8.28E-05	U	1.15E-03	3.29E-03	6.42E-03	6.42E-01
LR-4-SUB	Plutonium-242	2.42E-04	U	1.42E-03	3.71E-03	6.42E-03	6.42E-01
LR-9-SUB	Plutonium-242	-1.47E-03	UL	1.36E-03	4.81E-03	6.42E-03	6.42E-01
LR-13-SUB	Plutonium-242	2.86E-04	U	1.31E-03	1.71E-03	6.42E-03	6.42E-01
LR-15-SUB	Plutonium-242	2.71E-04	U	1.41E-03	3.82E-03	6.42E-03	6.42E-01
LR-18-SUB	Plutonium-242	-2.72E-04	U	1.24E-03	3.42E-03	6.42E-03	6.42E-01
LR-19-SUB	Plutonium-242	-2.77E-04	U	1.26E-03	3.89E-03	6.42E-03	6.42E-01
LR-23-SUB	Plutonium-242	0.00E+00	U	2.16E-03	5.39E-03	6.42E-03	6.42E-01
LR-24-SUB	Plutonium-242	-2.36E-04	U	1.66E-03	4.31E-03	6.42E-03	6.42E-01
LR-26-SUB	Plutonium-242	2.22E-03	U	2.57E-03	3.33E-03	6.42E-03	6.42E-01
Rocky Peak Surface Samples (Chatsworth Formation)							
RP-1-SUR	Plutonium-242	0.00E+00	U	1.23E-03	2.87E-03	6.42E-03	6.42E-01
RP-2-SUR	Plutonium-242	-7.88E-04	U	1.15E-03	3.87E-03	6.42E-03	6.42E-01
RP-3-SUR	Plutonium-242	1.99E-04	U	9.09E-04	2.12E-03	6.42E-03	6.42E-01
RP-4-SUR	Plutonium-242	1.01E-03	U	1.48E-03	3.27E-03	6.42E-03	6.42E-01
RP-5-SUR	Plutonium-242	4.49E-04	U	1.03E-03	1.35E-03	6.42E-03	6.42E-01
RP-6-SUR	Plutonium-242	5.81E-04	U	1.97E-03	4.76E-03	6.42E-03	6.42E-01
RP-7-SUR	Plutonium-242	0.00E+00	U	1.29E-03	3.02E-03	6.42E-03	6.42E-01
RP-8-SUR	Plutonium-242	-1.17E-04	U	1.33E-03	3.77E-03	6.42E-03	6.42E-01
RP-9-SUR	Plutonium-242	-2.02E-03	UL	1.44E-03	4.83E-03	6.42E-03	6.42E-01
RP-10-SUR	Plutonium-242	1.25E-03		1.06E-03	1.36E-03	6.42E-03	6.42E-01
RP-11-SUR	Plutonium-242	0.00E+00	U	1.28E-03	3.53E-03	6.42E-03	6.42E-01
RP-12-SUR	Plutonium-242	0.00E+00	U	1.13E-03	3.32E-03	6.42E-03	6.42E-01
RP-13-SUR	Plutonium-242	5.54E-04	U	1.27E-03	2.95E-03	6.42E-03	6.42E-01
RP-14-SUR	Plutonium-242	7.89E-05	U	2.44E-03	7.04E-03	6.42E-03	6.42E-01
RP-15-SUR	Plutonium-242	1.29E-03	U	1.80E-03	4.04E-03	6.42E-03	6.42E-01
RP-16-SUR	Plutonium-242	1.82E-03	U	2.10E-03	2.72E-03	6.42E-03	6.42E-01
RP-17-SUR	Plutonium-242	0.00E+00	U	1.12E-03	3.08E-03	6.42E-03	6.42E-01
RP-18-SUR	Plutonium-242	2.78E-04	U	1.11E-03	2.93E-03	6.42E-03	6.42E-01
RP-19-SUR	Plutonium-242	4.87E-04	U	1.65E-03	3.99E-03	6.42E-03	6.42E-01
RP-20-SUR	Plutonium-242	7.16E-04	U	1.10E-03	1.43E-03	6.42E-03	6.42E-01
RP-21-SUR	Plutonium-242	1.11E-03	U	1.34E-03	2.95E-03	6.42E-03	6.42E-01

Table 41 - Plutonium-242 Analytical Results

Sample ID	Analyte	Result (pCi/g)	Qualifier(s)	Uncertainty (+/- pCi/g)	MDC (pCi/g)	Agricultural 10^{-6} PRG (pCi/g)	Agricultural 10^{-4} PRG (pCi/g)
RP-22-SUR	Plutonium-242	5.21E-04	U	1.25E-03	3.28E-03	6.42E-03	6.42E-01
RP-23-SUR	Plutonium-242	4.70E-04	U	1.08E-03	2.51E-03	6.42E-03	6.42E-01
RP-24-SUR	Plutonium-242	2.75E-04	U	2.09E-03	5.04E-03	6.42E-03	6.42E-01
RP-25-SUR	Plutonium-242	1.23E-03	U	1.46E-03	3.10E-03	6.42E-03	6.42E-01
RP-26-SUR	Plutonium-242	3.63E-04	U	1.08E-03	2.85E-03	6.42E-03	6.42E-01
RP-27-SUR	Plutonium-242	-4.29E-04	U	1.03E-03	3.28E-03	6.42E-03	6.42E-01
RP-28-SUR	Plutonium-242	-2.79E-04	U	1.64E-03	4.58E-03	6.42E-03	6.42E-01
Rocky Peak Subsurface Samples (Chatsworth Formation)							
RP-1-SUB	Plutonium-242	1.31E-03	U	1.51E-03	1.97E-03	6.42E-03	6.42E-01
RP-5-SUB	Plutonium-242	-3.08E-04	U	1.41E-03	4.34E-03	6.42E-03	6.42E-01
RP-7-SUB	Plutonium-242	2.94E-04	U	1.34E-03	3.69E-03	6.42E-03	6.42E-01
RP-12-SUB	Plutonium-242	1.24E-03	U	2.12E-03	4.75E-03	6.42E-03	6.42E-01
RP-13-SUB	Plutonium-242	2.01E-04	U	1.52E-03	2.00E-03	6.42E-03	6.42E-01
RP-17-SUB	Plutonium-242	5.02E-04	U	1.15E-03	2.67E-03	6.42E-03	6.42E-01
RP-18-SUB	Plutonium-242	0.00E+00	U	1.01E-03	2.78E-03	6.42E-03	6.42E-01
RP-19-SUB	Plutonium-242	4.87E-04	U	1.51E-03	3.73E-03	6.42E-03	6.42E-01
RP-20-SUB	Plutonium-242	6.88E-04	U	2.13E-03	5.26E-03	6.42E-03	6.42E-01
RP-28-SUB	Plutonium-242	-2.72E-04	U	1.28E-03	2.95E-03	6.42E-03	6.42E-01
Bridle Path Surface Samples (Santa Susana Formation)							
BP-1-SUR	Plutonium-242	1.20E-03	U	2.09E-03	5.03E-03	6.42E-03	6.42E-01
BP-2-SUR	Plutonium-242	3.02E-04	U	1.57E-03	4.25E-03	6.42E-03	6.42E-01
BP-3-SUR	Plutonium-242	3.61E-04	U	1.65E-03	3.84E-03	6.42E-03	6.42E-01
BP-4-SUR	Plutonium-242	4.17E-04	U	1.30E-03	3.19E-03	6.42E-03	6.42E-01
BP-5-SUR	Plutonium-242	1.67E-03	U	2.99E-03	6.75E-03	6.42E-03	6.42E-01
BP-6-SUR	Plutonium-242	-2.99E-04	U	1.55E-03	4.58E-03	6.42E-03	6.42E-01
BP-7-SUR	Plutonium-242	8.00E-04	U	1.07E-03	2.48E-03	6.42E-03	6.42E-01
BP-8-SUR	Plutonium-242	-3.33E-04	U	1.52E-03	4.18E-03	6.42E-03	6.42E-01
BP-9-SUR	Plutonium-242	1.90E-04	U	8.68E-04	2.39E-03	6.42E-03	6.42E-01
BP-10-SUR	Plutonium-242	1.32E-03	U	2.39E-03	5.07E-03	6.42E-03	6.42E-01
BP-11-SUR	Plutonium-242	9.64E-04	U	1.48E-03	3.42E-03	6.42E-03	6.42E-01
BP-12-SUR	Plutonium-242	-3.14E-04	U	1.63E-03	4.81E-03	6.42E-03	6.42E-01
BP-13-SUR	Plutonium-242	-2.90E-04	U	1.71E-03	4.76E-03	6.42E-03	6.42E-01
BP-14-SUR	Plutonium-242	2.55E-04	U	1.16E-03	3.20E-03	6.42E-03	6.42E-01
BP-15-SUR	Plutonium-242	2.70E-04	U	1.23E-03	2.87E-03	6.42E-03	6.42E-01
BP-16-SUR	Plutonium-242	1.27E-03	U	2.17E-03	4.64E-03	6.42E-03	6.42E-01
BP-17-SUR	Plutonium-242	-2.82E-04	U	1.32E-03	3.92E-03	6.42E-03	6.42E-01
BP-18-SUR	Plutonium-242	2.13E-03	U	2.88E-03	5.82E-03	6.42E-03	6.42E-01
BP-19-SUR	Plutonium-242	4.30E-04	U	2.53E-03	6.59E-03	6.42E-03	6.42E-01
BP-20-SUR	Plutonium-242	3.21E-04	U	1.47E-03	1.93E-03	6.42E-03	6.42E-01
BP-21-SUR	Plutonium-242	-1.45E-03	U	2.26E-03	6.64E-03	6.42E-03	6.42E-01
BP-22-SUR	Plutonium-242	1.32E-03		1.08E-03	1.32E-03	6.42E-03	6.42E-01
BP-23-SUR	Plutonium-242	-1.59E-03	U	2.43E-03	8.10E-03	6.42E-03	6.42E-01
BP-24-SUR	Plutonium-242	6.06E-04	U	2.06E-03	5.10E-03	6.42E-03	6.42E-01
BP-25-SUR	Plutonium-242	7.20E-04	U	1.10E-03	2.56E-03	6.42E-03	6.42E-01
BP-26-SUR	Plutonium-242	4.02E-04	U	1.83E-03	2.41E-03	6.42E-03	6.42E-01
BP-27-SUR	Plutonium-242	2.06E-03		1.91E-03	2.47E-03	6.42E-03	6.42E-01
BP-28-SUR	Plutonium-242	1.16E-03	U	3.32E-03	7.44E-03	6.42E-03	6.42E-01
BP-29-SUR	Plutonium-242	-1.06E-03	U	2.31E-03	6.47E-03	6.42E-03	6.42E-01
BP-30-SUR	Plutonium-242	9.98E-04	U	2.10E-03	4.91E-03	6.42E-03	6.42E-01
BP-31-SUR	Plutonium-242	5.93E-04	U	1.36E-03	3.16E-03	6.42E-03	6.42E-01
BP-32-SUR	Plutonium-242	2.48E-04	U	1.28E-03	3.48E-03	6.42E-03	6.42E-01
BP-33-SUR	Plutonium-242	-9.31E-04	U	2.02E-03	5.68E-03	6.42E-03	6.42E-01
BP-34-SUR	Plutonium-242	-3.24E-04	U	8.31E-04	2.62E-03	6.42E-03	6.42E-01
BP-35-SUR	Plutonium-242	-3.16E-04	U	1.74E-03	4.55E-03	6.42E-03	6.42E-01
BP-36-SUR	Plutonium-242	8.24E-04	U	1.95E-03	4.51E-03	6.42E-03	6.42E-01
BP-37-SUR	Plutonium-242	8.33E-04	U	1.14E-03	1.49E-03	6.42E-03	6.42E-01
BP-38-SUR	Plutonium-242	1.49E-03		1.38E-03	2.58E-03	6.42E-03	6.42E-01
BP-39-SUR	Plutonium-242	2.71E-04	U	1.24E-03	3.41E-03	6.42E-03	6.42E-01
BP-40-SUR	Plutonium-242	1.54E-03	U	1.52E-03	2.95E-03	6.42E-03	6.42E-01
BP-41-SUR	Plutonium-242	-5.08E-04	U	1.73E-03	4.66E-03	6.42E-03	6.42E-01
BP-42-SUR	Plutonium-242	1.14E-03	U	1.35E-03	2.86E-03	6.42E-03	6.42E-01

Table 41 - Plutonium-242 Analytical Results

Sample ID	Analyte	Result (pCi/g)	Qualifier(s)	Uncertainty (+/- pCi/g)	MDC (pCi/g)	Agricultural 10^{-6} PRG (pCi/g)	Agricultural 10^{-4} PRG (pCi/g)
BP-43-SUR	Plutonium-242	7.23E-04	U	1.21E-03	2.84E-03	6.42E-03	6.42E-01
BP-44-SUR	Plutonium-242	0.00E+00	U	1.41E-03	3.89E-03	6.42E-03	6.42E-01
BP-45-SUR	Plutonium-242	-7.24E-04	U	1.57E-03	4.42E-03	6.42E-03	6.42E-01
BP-46-SUR	Plutonium-242	-2.95E-04	U	1.74E-03	4.84E-03	6.42E-03	6.42E-01
BP-47-SUR	Plutonium-242	5.73E-04	U	1.31E-03	1.72E-03	6.42E-03	6.42E-01
BP-48-SUR	Plutonium-242	0.00E+00	U	1.14E-03	3.35E-03	6.42E-03	6.42E-01
BP-49-SUR	Plutonium-242	-1.23E-03	U	1.49E-03	4.57E-03	6.42E-03	6.42E-01
BP-50-SUR	Plutonium-242	-2.98E-04	U	1.75E-03	4.89E-03	6.42E-03	6.42E-01
BP-51-SUR	Plutonium-242	8.42E-04	U	1.24E-03	1.62E-03	6.42E-03	6.42E-01
BP-52-SUR	Plutonium-242	7.85E-04	U	1.20E-03	2.79E-03	6.42E-03	6.42E-01
BP-53-SUR	Plutonium-242	4.77E-04	U	1.15E-03	3.00E-03	6.42E-03	6.42E-01
BP-54-SUR	Plutonium-242	9.67E-04	U	1.26E-03	2.89E-03	6.42E-03	6.42E-01
Bridle Path Subsurface Samples (Santa Susana Formation)							
BP-3-SUB	Plutonium-242	-3.61E-04	U	2.74E-03	6.92E-03	6.42E-03	6.42E-01
BP-4-SUB	Plutonium-242	3.28E-03		2.22E-03	2.19E-03	6.42E-03	6.42E-01
BP-5-SUB	Plutonium-242	1.17E-03	U	2.58E-03	6.04E-03	6.42E-03	6.42E-01
BP-9-SUB	Plutonium-242	4.80E-04	U	1.49E-03	3.67E-03	6.42E-03	6.42E-01
BP-12-SUB	Plutonium-242	-6.19E-04	U	1.49E-03	4.74E-03	6.42E-03	6.42E-01
BP-13-SUB	Plutonium-242	1.17E-03	U	2.00E-03	4.61E-03	6.42E-03	6.42E-01
BP-14-SUB	Plutonium-242	8.07E-04	U	2.24E-03	5.67E-03	6.42E-03	6.42E-01
BP-16-SUB	Plutonium-242	2.77E-03		2.51E-03	4.62E-03	6.42E-03	6.42E-01
BP-20-SUB	Plutonium-242	4.65E-03		2.83E-03	3.81E-03	6.42E-03	6.42E-01
BP-23-SUB	Plutonium-242	2.08E-04	U	1.08E-03	2.92E-03	6.42E-03	6.42E-01
BP-29-SUB	Plutonium-242	-6.65E-04	U	1.60E-03	5.09E-03	6.42E-03	6.42E-01
BP-34-SUB	Plutonium-242	2.52E-04	U	1.77E-03	4.63E-03	6.42E-03	6.42E-01
BP-35-SUB	Plutonium-242	5.58E-04	U	9.96E-04	2.32E-03	6.42E-03	6.42E-01
BP-38-SUB	Plutonium-242	2.27E-04	U	1.04E-03	2.86E-03	6.42E-03	6.42E-01
BP-43-SUB	Plutonium-242	3.55E-04	U	1.49E-03	4.04E-03	6.42E-03	6.42E-01
BP-45-SUB	Plutonium-242	-3.90E-04	U	1.76E-03	5.21E-03	6.42E-03	6.42E-01
BP-46-SUB	Plutonium-242	8.55E-04	U	1.96E-03	4.56E-03	6.42E-03	6.42E-01
BP-48-SUB	Plutonium-242	6.62E-04	U	1.51E-03	3.90E-03	6.42E-03	6.42E-01
BP-50-SUB	Plutonium-242	0.00E+00	U	1.33E-03	3.90E-03	6.42E-03	6.42E-01
BP-51-SUB	Plutonium-242	2.60E-04	U	1.35E-03	3.66E-03	6.42E-03	6.42E-01

Notes:

pCi/g - Picocuries per gram of dry soil. Analyses for H-3, C-14, Tc-99, and I-129 are reported in units of pCi per gram of "as-received" soil.

MDC - Minimum Detectable Concentration

PRG - Preliminary Remediation Goal

Uncertainty - Reported at the 1.96σ Confidence Interval. Gamma Spec. Reported at the 2σ Confidence Interval.

Data Qualifiers:

B - Analyte present, but not detected substantially above the level reported in laboratory or field blanks.

J - The analyte was detected at the reported concentration: the quantitation is an estimate.

K - Analyte present. Reported value may be biased high. Actual value is expected to be lower.

L - Analyte present. Reported value may be biased low. Actual value is expected to be higher.

R - The result is rejected due to serious deficiences in the ability to analyze the sample and meet the Quality Control criteria.

U - Not considered detected. The associated number is the reported concentration.

UJ - Not considered detected. The associated number is the reported concentration which may be inaccurate.

UL - Not considered detected. The associated number is the reported concentration which may be inaccurate due to a low bias.

X - Excluded. The data point is associated with reanalyses or diluted analyses and is excluded because another result has been selecetd as the definitive result for the analyte

These results are qualified based on the usability of the data for its intended purpose, which is to develop a statistical profile against which to compare individual on-site sample results, to determine the extent of potential site contamination that may be attributable to site activities.

Table 42 - Plutonium-244 Analytical Results

Sample ID	Analyte	Result (pCi/g)	Qualifier(s)	Uncertainty (+/- pCi/g)	MDC (pCi/g)	Agricultural 10^{-6} PRG (pCi/g)	Agricultural 10^{-4} PRG (pCi/g)
Lang Ranch Surface Samples (Chatsworth Formation)							
LR-1-SUR	Plutonium-244	1.12E-04	U	1.75E-03	5.11E-03	5.06E-03	5.06E-01
LR-2-SUR	Plutonium-244	9.19E-04	U	4.20E-03	5.51E-03	5.06E-03	5.06E-01
LR-3-SUR	Plutonium-244	0.00E+00	U	3.57E-03	9.84E-03	5.06E-03	5.06E-01
LR-4-SUR	Plutonium-244	-9.61E-04	U	4.39E-03	1.02E-02	5.06E-03	5.06E-01
LR-5-SUR	Plutonium-244	-2.20E-03	U	2.35E-03	7.96E-03	5.06E-03	5.06E-01
LR-6-SUR	Plutonium-244	-1.55E-04	U	1.01E-03	3.02E-03	5.06E-03	5.06E-01
LR-7-SUR	Plutonium-244	-8.56E-04	U	1.08E-03	3.68E-03	5.06E-03	5.06E-01
LR-8-SUR	Plutonium-244	7.72E-05	U	1.18E-03	2.76E-03	5.06E-03	5.06E-01
LR-9-SUR	Plutonium-244	-2.70E-04	U	1.23E-03	2.87E-03	5.06E-03	5.06E-01
LR-10-SUR	Plutonium-244	-3.25E-04	U	9.57E-04	2.86E-03	5.06E-03	5.06E-01
LR-11-SUR	Plutonium-244	-2.79E-04	U	1.12E-03	3.30E-03	5.06E-03	5.06E-01
LR-12-SUR	Plutonium-244	0.00E+00	U	1.05E-03	2.46E-03	5.06E-03	5.06E-01
LR-13-SUR	Plutonium-244	7.15E-04	U	1.09E-03	2.54E-03	5.06E-03	5.06E-01
LR-14-SUR	Plutonium-244	0.00E+00	U	1.12E-03	3.29E-03	5.06E-03	5.06E-01
LR-15-SUR	Plutonium-244	0.00E+00	U	4.12E-03	5.41E-03	5.06E-03	5.06E-01
LR-16-SUR	Plutonium-244	8.31E-04	U	3.80E-03	4.99E-03	5.06E-03	5.06E-01
LR-17-SUR	Plutonium-244	-9.79E-04	U	4.47E-03	1.23E-02	5.06E-03	5.06E-01
LR-18-SUR	Plutonium-244	-1.42E-03	U	6.51E-03	1.52E-02	5.06E-03	5.06E-01
LR-19-SUR	Plutonium-244	0.00E+00	U	1.01E-03	2.36E-03	5.06E-03	5.06E-01
LR-20-SUR	Plutonium-244	1.07E-04	U	1.22E-03	2.57E-03	5.06E-03	5.06E-01
LR-21-SUR	Plutonium-244	-2.40E-04	U	1.10E-03	2.56E-03	5.06E-03	5.06E-01
LR-22-SUR	Plutonium-244	-1.71E-04	U	7.82E-04	1.82E-03	5.06E-03	5.06E-01
LR-23-SUR	Plutonium-244	-2.77E-04	U	1.26E-03	2.95E-03	5.06E-03	5.06E-01
LR-24-SUR	Plutonium-244	-2.99E-04	U	1.36E-03	3.18E-03	5.06E-03	5.06E-01
LR-25-SUR	Plutonium-244	-2.96E-04	U	1.35E-03	3.72E-03	5.06E-03	5.06E-01
LR-26-SUR	Plutonium-244	7.02E-04	U	1.07E-03	2.49E-03	5.06E-03	5.06E-01
LR-27-SUR	Plutonium-244	0.00E+00	U	1.21E-03	1.59E-03	5.06E-03	5.06E-01
Lang Ranch Subsurface Samples (Chatsworth Formation)							
LR-3-SUB	Plutonium-244	-2.51E-04	U	1.15E-03	3.16E-03	5.06E-03	5.06E-01
LR-4-SUB	Plutonium-244	-2.06E-04	U	1.11E-03	2.58E-03	5.06E-03	5.06E-01
LR-9-SUB	Plutonium-244	0.00E+00	U	1.34E-03	3.12E-03	5.06E-03	5.06E-01
LR-13-SUB	Plutonium-244	1.14E-03	U	1.60E-03	3.60E-03	5.06E-03	5.06E-01
LR-15-SUB	Plutonium-244	1.36E-03		1.26E-03	1.63E-03	5.06E-03	5.06E-01
LR-18-SUB	Plutonium-244	-2.72E-04	U	1.24E-03	2.90E-03	5.06E-03	5.06E-01
LR-19-SUB	Plutonium-244	2.77E-04	U	1.26E-03	2.95E-03	5.06E-03	5.06E-01
LR-23-SUB	Plutonium-244	0.00E+00	U	1.34E-03	1.77E-03	5.06E-03	5.06E-01
LR-24-SUB	Plutonium-244	-4.71E-04	U	1.08E-03	2.96E-03	5.06E-03	5.06E-01
LR-26-SUB	Plutonium-244	0.00E+00	U	2.53E-03	5.91E-03	5.06E-03	5.06E-01
Rocky Peak Surface Samples (Chatsworth Formation)							
RP-1-SUR	Plutonium-244	-2.69E-04	U	1.23E-03	2.87E-03	5.06E-03	5.06E-01
RP-2-SUR	Plutonium-244	2.50E-04	U	1.14E-03	1.50E-03	5.06E-03	5.06E-01
RP-3-SUR	Plutonium-244	-3.39E-04	U	9.10E-04	2.72E-03	5.06E-03	5.06E-01
RP-4-SUR	Plutonium-244	-6.98E-04	U	1.21E-03	3.82E-03	5.06E-03	5.06E-01
RP-5-SUR	Plutonium-244	2.25E-04	U	1.03E-03	2.39E-03	5.06E-03	5.06E-01
RP-6-SUR	Plutonium-244	5.81E-04	U	1.33E-03	3.09E-03	5.06E-03	5.06E-01
RP-7-SUR	Plutonium-244	-2.83E-04	U	1.29E-03	3.56E-03	5.06E-03	5.06E-01
RP-8-SUR	Plutonium-244	1.08E-04	U	1.12E-03	2.63E-03	5.06E-03	5.06E-01
RP-9-SUR	Plutonium-244	1.06E-04	U	1.15E-03	2.69E-03	5.06E-03	5.06E-01
RP-10-SUR	Plutonium-244	-6.82E-04	U	1.04E-03	3.20E-03	5.06E-03	5.06E-01
RP-11-SUR	Plutonium-244	4.61E-04	U	1.06E-03	1.38E-03	5.06E-03	5.06E-01
RP-12-SUR	Plutonium-244	1.18E-03		1.09E-03	1.42E-03	5.06E-03	5.06E-01
RP-13-SUR	Plutonium-244	2.77E-04	U	1.26E-03	1.66E-03	5.06E-03	5.06E-01
RP-14-SUR	Plutonium-244	5.01E-04	U	2.29E-03	3.01E-03	5.06E-03	5.06E-01
RP-15-SUR	Plutonium-244	-4.26E-04	U	1.71E-03	5.04E-03	5.06E-03	5.06E-01
RP-16-SUR	Plutonium-244	3.22E-05	U	2.07E-03	4.84E-03	5.06E-03	5.06E-01
RP-17-SUR	Plutonium-244	4.90E-04	U	1.12E-03	1.47E-03	5.06E-03	5.06E-01
RP-18-SUR	Plutonium-244	-8.34E-04	U	1.01E-03	3.42E-03	5.06E-03	5.06E-01
RP-19-SUR	Plutonium-244	9.83E-05	U	1.11E-03	2.33E-03	5.06E-03	5.06E-01
RP-20-SUR	Plutonium-244	0.00E+00	U	1.09E-03	2.54E-03	5.06E-03	5.06E-01
RP-21-SUR	Plutonium-244	1.07E-03	U	1.33E-03	2.95E-03	5.06E-03	5.06E-01

Table 42 - Plutonium-244 Analytical Results

Sample ID	Analyte	Result (pCi/g)	Qualifier(s)	Uncertainty (+/- pCi/g)	MDC (pCi/g)	Agricultural 10^{-6} PRG (pCi/g)	Agricultural 10^{-4} PRG (pCi/g)
RP-22-SUR	Plutonium-244	2.60E-04	U	1.19E-03	2.77E-03	5.06E-03	5.06E-01
RP-23-SUR	Plutonium-244	0.00E+00	U	1.07E-03	2.51E-03	5.06E-03	5.06E-01
RP-24-SUR	Plutonium-244	-4.13E-05	U	1.26E-03	3.46E-03	5.06E-03	5.06E-01
RP-25-SUR	Plutonium-244	2.47E-04	U	1.13E-03	2.63E-03	5.06E-03	5.06E-01
RP-26-SUR	Plutonium-244	-4.36E-04	U	9.96E-04	2.74E-03	5.06E-03	5.06E-01
RP-27-SUR	Plutonium-244	0.00E+00	U	9.78E-04	2.28E-03	5.06E-03	5.06E-01
RP-28-SUR	Plutonium-244	0.00E+00	U	1.27E-03	2.97E-03	5.06E-03	5.06E-01
Rocky Peak Subsurface Samples (Chatsworth Formation)							
RP-1-SUB	Plutonium-244	-3.28E-04	U	1.50E-03	4.12E-03	5.06E-03	5.06E-01
RP-5-SUB	Plutonium-244	3.08E-04	U	1.41E-03	1.85E-03	5.06E-03	5.06E-01
RP-7-SUB	Plutonium-244	0.00E+00	U	1.34E-03	3.13E-03	5.06E-03	5.06E-01
RP-12-SUB	Plutonium-244	-3.10E-04	U	1.42E-03	3.31E-03	5.06E-03	5.06E-01
RP-13-SUB	Plutonium-244	-3.33E-04	U	1.52E-03	3.55E-03	5.06E-03	5.06E-01
RP-17-SUB	Plutonium-244	-6.78E-04	U	1.15E-03	3.42E-03	5.06E-03	5.06E-01
RP-18-SUB	Plutonium-244	-7.34E-04	U	1.01E-03	3.46E-03	5.06E-03	5.06E-01
RP-19-SUB	Plutonium-244	0.00E+00	U	1.11E-03	2.59E-03	5.06E-03	5.06E-01
RP-20-SUB	Plutonium-244	0.00E+00	U	1.57E-03	3.66E-03	5.06E-03	5.06E-01
RP-28-SUB	Plutonium-244	-5.44E-04	U	1.28E-03	3.48E-03	5.06E-03	5.06E-01
Bridle Path Surface Samples (Santa Susana Formation)							
BP-1-SUR	Plutonium-244	8.00E-04	U	1.83E-03	2.40E-03	5.06E-03	5.06E-01
BP-2-SUR	Plutonium-244	-6.04E-04	U	1.38E-03	3.80E-03	5.06E-03	5.06E-01
BP-3-SUR	Plutonium-244	0.00E+00	U	1.65E-03	3.84E-03	5.06E-03	5.06E-01
BP-4-SUR	Plutonium-244	3.14E-05	U	9.52E-04	2.22E-03	5.06E-03	5.06E-01
BP-5-SUR	Plutonium-244	1.31E-03	U	2.00E-03	2.62E-03	5.06E-03	5.06E-01
BP-6-SUR	Plutonium-244	-2.82E-04	U	1.37E-03	3.19E-03	5.06E-03	5.06E-01
BP-7-SUR	Plutonium-244	-1.63E-04	U	1.06E-03	3.18E-03	5.06E-03	5.06E-01
BP-8-SUR	Plutonium-244	3.33E-04	U	1.52E-03	3.54E-03	5.06E-03	5.06E-01
BP-9-SUR	Plutonium-244	-6.27E-05	U	1.07E-03	2.98E-03	5.06E-03	5.06E-01
BP-10-SUR	Plutonium-244	-2.65E-04	U	1.21E-03	3.72E-03	5.06E-03	5.06E-01
BP-11-SUR	Plutonium-244	0.00E+00	U	1.54E-03	4.52E-03	5.06E-03	5.06E-01
BP-12-SUR	Plutonium-244	0.00E+00	U	1.43E-03	3.35E-03	5.06E-03	5.06E-01
BP-13-SUR	Plutonium-244	5.80E-04	U	1.33E-03	3.09E-03	5.06E-03	5.06E-01
BP-14-SUR	Plutonium-244	-5.09E-04	U	1.16E-03	3.58E-03	5.06E-03	5.06E-01
BP-15-SUR	Plutonium-244	1.35E-03		1.25E-03	1.62E-03	5.06E-03	5.06E-01
BP-16-SUR	Plutonium-244	7.60E-04	U	1.16E-03	1.52E-03	5.06E-03	5.06E-01
BP-17-SUR	Plutonium-244	2.56E-04	U	1.17E-03	2.73E-03	5.06E-03	5.06E-01
BP-18-SUR	Plutonium-244	2.43E-03		1.73E-03	1.82E-03	5.06E-03	5.06E-01
BP-19-SUR	Plutonium-244	0.00E+00	U	1.96E-03	4.58E-03	5.06E-03	5.06E-01
BP-20-SUR	Plutonium-244	-3.21E-04	U	1.47E-03	3.42E-03	5.06E-03	5.06E-01
BP-21-SUR	Plutonium-244	7.25E-04	U	1.66E-03	2.18E-03	5.06E-03	5.06E-01
BP-22-SUR	Plutonium-244	-4.40E-04	U	1.01E-03	3.09E-03	5.06E-03	5.06E-01
BP-23-SUR	Plutonium-244	-5.29E-04	U	2.42E-03	5.63E-03	5.06E-03	5.06E-01
BP-24-SUR	Plutonium-244	9.87E-04	U	1.51E-03	1.97E-03	5.06E-03	5.06E-01
BP-25-SUR	Plutonium-244	7.16E-05	U	1.12E-03	3.28E-03	5.06E-03	5.06E-01
BP-26-SUR	Plutonium-244	4.02E-04	U	1.83E-03	4.28E-03	5.06E-03	5.06E-01
BP-27-SUR	Plutonium-244	4.11E-04	U	1.88E-03	4.38E-03	5.06E-03	5.06E-01
BP-28-SUR	Plutonium-244	0.00E+00	U	1.77E-03	2.33E-03	5.06E-03	5.06E-01
BP-29-SUR	Plutonium-244	7.07E-04	U	1.62E-03	2.12E-03	5.06E-03	5.06E-01
BP-30-SUR	Plutonium-244	3.21E-04	U	1.47E-03	1.93E-03	5.06E-03	5.06E-01
BP-31-SUR	Plutonium-244	-2.08E-04	U	1.35E-03	4.05E-03	5.06E-03	5.06E-01
BP-32-SUR	Plutonium-244	7.43E-04	U	1.14E-03	1.49E-03	5.06E-03	5.06E-01
BP-33-SUR	Plutonium-244	6.21E-04	U	1.42E-03	1.86E-03	5.06E-03	5.06E-01
BP-34-SUR	Plutonium-244	1.71E-04	U	7.82E-04	1.03E-03	5.06E-03	5.06E-01
BP-35-SUR	Plutonium-244	2.49E-04	U	1.14E-03	2.65E-03	5.06E-03	5.06E-01
BP-36-SUR	Plutonium-244	4.97E-04	U	1.26E-03	2.63E-03	5.06E-03	5.06E-01
BP-37-SUR	Plutonium-244	-2.11E-04	U	1.13E-03	2.65E-03	5.06E-03	5.06E-01
BP-38-SUR	Plutonium-244	2.42E-04	U	1.11E-03	2.58E-03	5.06E-03	5.06E-01
BP-39-SUR	Plutonium-244	0.00E+00	U	1.24E-03	2.89E-03	5.06E-03	5.06E-01
BP-40-SUR	Plutonium-244	-2.11E-04	U	1.27E-03	2.95E-03	5.06E-03	5.06E-01
BP-41-SUR	Plutonium-244	0.00E+00	U	1.16E-03	3.20E-03	5.06E-03	5.06E-01
BP-42-SUR	Plutonium-244	6.81E-04	U	1.04E-03	2.42E-03	5.06E-03	5.06E-01

Table 42 - Plutonium-244 Analytical Results

Sample ID	Analyte	Result (pCi/g)	Qualifier(s)	Uncertainty (+/- pCi/g)	MDC (pCi/g)	Agricultural 10^{-6} PRG (pCi/g)	Agricultural 10^{-4} PRG (pCi/g)
BP-43-SUR	Plutonium-244	-4.33E-04	U	9.90E-04	2.72E-03	5.06E-03	5.06E-01
BP-44-SUR	Plutonium-244	2.54E-04	U	1.16E-03	2.71E-03	5.06E-03	5.06E-01
BP-45-SUR	Plutonium-244	0.00E+00	U	1.10E-03	2.57E-03	5.06E-03	5.06E-01
BP-46-SUR	Plutonium-244	0.00E+00	U	1.35E-03	3.15E-03	5.06E-03	5.06E-01
BP-47-SUR	Plutonium-244	-2.95E-04	U	1.31E-03	3.60E-03	5.06E-03	5.06E-01
BP-48-SUR	Plutonium-244	-2.38E-04	U	1.09E-03	2.53E-03	5.06E-03	5.06E-01
BP-49-SUR	Plutonium-244	0.00E+00	U	1.14E-03	2.66E-03	5.06E-03	5.06E-01
BP-50-SUR	Plutonium-244	1.61E-03		1.52E-03	2.86E-03	5.06E-03	5.06E-01
BP-51-SUR	Plutonium-244	2.71E-04	U	1.24E-03	2.88E-03	5.06E-03	5.06E-01
BP-52-SUR	Plutonium-244	0.00E+00	U	1.19E-03	2.79E-03	5.06E-03	5.06E-01
BP-53-SUR	Plutonium-244	-2.38E-04	U	1.09E-03	2.54E-03	5.06E-03	5.06E-01
BP-54-SUR	Plutonium-244	-2.71E-04	U	1.24E-03	2.89E-03	5.06E-03	5.06E-01
Bridle Path Subsurface Samples (Santa Susana Formation)							
BP-3-SUB	Plutonium-244	-3.61E-04	U	1.65E-03	3.85E-03	5.06E-03	5.06E-01
BP-4-SUB	Plutonium-244	-7.29E-04	U	1.67E-03	5.13E-03	5.06E-03	5.06E-01
BP-5-SUB	Plutonium-244	1.17E-03	U	1.79E-03	2.34E-03	5.06E-03	5.06E-01
BP-9-SUB	Plutonium-244	4.80E-04	U	1.10E-03	2.56E-03	5.06E-03	5.06E-01
BP-12-SUB	Plutonium-244	3.10E-04	U	1.41E-03	1.86E-03	5.06E-03	5.06E-01
BP-13-SUB	Plutonium-244	6.55E-04	U	1.50E-03	1.97E-03	5.06E-03	5.06E-01
BP-14-SUB	Plutonium-244	-4.03E-04	U	1.84E-03	5.07E-03	5.06E-03	5.06E-01
BP-16-SUB	Plutonium-244	0.00E+00	U	1.98E-03	4.62E-03	5.06E-03	5.06E-01
BP-20-SUB	Plutonium-244	-1.97E-04	U	1.63E-03	4.89E-03	5.06E-03	5.06E-01
BP-23-SUB	Plutonium-244	2.08E-04	U	9.48E-04	2.61E-03	5.06E-03	5.06E-01
BP-29-SUB	Plutonium-244	-3.33E-04	U	1.52E-03	3.54E-03	5.06E-03	5.06E-01
BP-34-SUB	Plutonium-244	2.99E-04	U	1.37E-03	1.79E-03	5.06E-03	5.06E-01
BP-35-SUB	Plutonium-244	-4.03E-04	U	9.94E-04	2.97E-03	5.06E-03	5.06E-01
BP-38-SUB	Plutonium-244	-8.22E-04	U	1.04E-03	3.56E-03	5.06E-03	5.06E-01
BP-43-SUB	Plutonium-244	-9.48E-04	U	1.50E-03	4.51E-03	5.06E-03	5.06E-01
BP-45-SUB	Plutonium-244	3.87E-04	U	1.54E-03	2.02E-03	5.06E-03	5.06E-01
BP-46-SUB	Plutonium-244	-3.34E-04	U	1.95E-03	4.56E-03	5.06E-03	5.06E-01
BP-48-SUB	Plutonium-244	6.37E-04	U	1.44E-03	1.87E-03	5.06E-03	5.06E-01
BP-50-SUB	Plutonium-244	2.13E-04	U	1.27E-03	3.49E-03	5.06E-03	5.06E-01
BP-51-SUB	Plutonium-244	0.00E+00	U	1.19E-03	1.56E-03	5.06E-03	5.06E-01

Notes:

pCi/g - Picocuries per gram of dry soil. Analyses for H-3, C-14, Tc-99, and I-129 are reported in units of pCi per gram of "as-received" soil.

MDC - Minimum Detectable Concentration

PRG - Preliminary Remediation Goal

Uncertainty - Reported at the 1.96σ Confidence Interval. Gamma Spec. Reported at the 2σ Confidence Interval.

Data Qualifiers:

B - Analyte present, but not detected substantially above the level reported in laboratory or field blanks.

J - The analyte was detected at the reported concentration: the quantitation is an estimate.

K - Analyte present. Reported value may be biased high. Actual value is expected to be lower.

L - Analyte present. Reported value may be biased low. Actual value is expected to be higher.

R - The result is rejected due to serious deficiences in the ability to analyze the sample and meet the Quality Control criteria.

U - Not considered detected. The associated number is the reported concentration.

UJ - Not considered detected. The associated number is the reported concentration which may be inaccurate.

UL - Not considered detected. The associated number is the reported concentration which may be inaccurate due to a low bias.

X - Excluded. The data point is associated with reanalyses or diluted analyses and is excluded because another result has been selecetd as the definitive result for the analyte

These results are qualified based on the usability of the data for its intended purpose, which is to develop a statistical profile against which to compare individual on-site sample results, to determine the extent of potential site contamination that may be attributable to site activities.

Table 43 - Thorium-228 Analytical Results

Sample ID	Analyte	Result (pCi/g)	Qualifier(s)	Uncertainty (+/- pCi/g)	MDC (pCi/g)	Agricultural 10^{-6} PRG (pCi/g)	Agricultural 10^{-4} PRG (pCi/g)
Lang Ranch Surface Samples (Chatsworth Formation)							
LR-1-SUR	Thorium-228	1.74E+00		4.24E-01	1.37E-01	3.38E-02	3.38E+00
LR-2-SUR	Thorium-228	1.88E+00		3.58E-01	4.55E-02	3.38E-02	3.38E+00
LR-3-SUR	Thorium-228	1.85E+00	K	5.55E-01	4.22E-01	3.38E-02	3.38E+00
LR-4-SUR	Thorium-228	2.23E+00		4.24E-01	6.53E-02	3.38E-02	3.38E+00
LR-5-SUR	Thorium-228	2.02E+00		4.14E-01	8.38E-02	3.38E-02	3.38E+00
LR-6-SUR	Thorium-228	1.90E+00		3.85E-01	6.99E-02	3.38E-02	3.38E+00
LR-7-SUR	Thorium-228	1.77E+00		3.19E-01	3.43E-02	3.38E-02	3.38E+00
LR-8-SUR	Thorium-228	1.91E+00		4.72E-01	2.83E-01	3.38E-02	3.38E+00
LR-9-SUR	Thorium-228	1.80E+00		3.56E-01	5.48E-02	3.38E-02	3.38E+00
LR-10-SUR	Thorium-228	1.86E+00		3.54E-01	5.25E-02	3.38E-02	3.38E+00
LR-11-SUR	Thorium-228	1.20E+00		2.27E-01	3.09E-02	3.38E-02	3.38E+00
LR-12-SUR	Thorium-228	1.77E+00		3.37E-01	5.19E-02	3.38E-02	3.38E+00
LR-13-SUR	Thorium-228	1.69E+00		3.32E-01	4.22E-02	3.38E-02	3.38E+00
LR-14-SUR	Thorium-228	1.47E+00		2.89E-01	3.53E-02	3.38E-02	3.38E+00
LR-15-SUR	Thorium-228	1.63E+00		3.58E-01	1.43E-01	3.38E-02	3.38E+00
LR-16-SUR	Thorium-228	1.97E+00		3.60E-01	3.47E-02	3.38E-02	3.38E+00
LR-17-SUR	Thorium-228	1.86E+00		3.62E-01	3.90E-02	3.38E-02	3.38E+00
LR-18-SUR	Thorium-228	2.18E+00		4.27E-01	2.42E-02	3.38E-02	3.38E+00
LR-19-SUR	Thorium-228	1.85E+00		3.72E-01	8.74E-02	3.38E-02	3.38E+00
LR-20-SUR	Thorium-228	1.91E+00		3.48E-01	2.61E-02	3.38E-02	3.38E+00
LR-21-SUR	Thorium-228	1.63E+00		3.42E-01	9.51E-02	3.38E-02	3.38E+00
LR-22-SUR	Thorium-228	2.13E+00		4.45E-01	6.91E-02	3.38E-02	3.38E+00
LR-23-SUR	Thorium-228	2.03E+00		4.08E-01	5.42E-02	3.38E-02	3.38E+00
LR-24-SUR	Thorium-228	1.85E+00		3.56E-01	3.96E-02	3.38E-02	3.38E+00
LR-25-SUR	Thorium-228	1.62E+00		3.17E-01	3.80E-02	3.38E-02	3.38E+00
LR-26-SUR	Thorium-228	1.67E+00		3.28E-01	3.96E-02	3.38E-02	3.38E+00
LR-27-SUR	Thorium-228	1.90E+00		3.39E-01	2.02E-02	3.38E-02	3.38E+00
Lang Ranch Subsurface Samples (Chatsworth Formation)							
LR-3-SUB	Thorium-228	2.26E+00		4.13E-01	4.28E-02	3.38E-02	3.38E+00
LR-4-SUB	Thorium-228	1.98E+00		3.52E-01	1.45E-02	3.38E-02	3.38E+00
LR-9-SUB	Thorium-228	2.06E+00		3.78E-01	3.86E-02	3.38E-02	3.38E+00
LR-13-SUB	Thorium-228	2.29E+00		4.40E-01	8.18E-02	3.38E-02	3.38E+00
LR-15-SUB	Thorium-228	1.99E+00		4.03E-01	9.26E-02	3.38E-02	3.38E+00
LR-18-SUB	Thorium-228	1.84E+00		3.45E-01	4.13E-02	3.38E-02	3.38E+00
LR-19-SUB	Thorium-228	1.91E+00		3.66E-01	6.50E-02	3.38E-02	3.38E+00
LR-23-SUB	Thorium-228	1.88E+00		3.38E-01	3.15E-02	3.38E-02	3.38E+00
LR-24-SUB	Thorium-228	2.30E+00		4.94E-01	1.57E-01	3.38E-02	3.38E+00
LR-26-SUB	Thorium-228	2.52E+00		4.53E-01	4.37E-02	3.38E-02	3.38E+00
Rocky Peak Surface Samples (Chatsworth Formation)							
RP-1-SUR	Thorium-228	1.46E+00		2.85E-01	3.03E-02	3.38E-02	3.38E+00
RP-2-SUR	Thorium-228	1.14E+00		2.31E-01	2.93E-02	3.38E-02	3.38E+00
RP-3-SUR	Thorium-228	1.33E+00		2.65E-01	3.00E-02	3.38E-02	3.38E+00
RP-4-SUR	Thorium-228	2.37E+00		4.58E-01	4.83E-02	3.38E-02	3.38E+00
RP-5-SUR	Thorium-228	2.29E+00		4.48E-01	4.30E-02	3.38E-02	3.38E+00
RP-6-SUR	Thorium-228	2.80E+00		4.94E-01	2.10E-02	3.38E-02	3.38E+00
RP-7-SUR	Thorium-228	2.25E+00		4.38E-01	4.88E-02	3.38E-02	3.38E+00
RP-8-SUR	Thorium-228	1.28E+00		2.49E-01	3.03E-02	3.38E-02	3.38E+00
RP-9-SUR	Thorium-228	1.18E+00		2.36E-01	3.98E-02	3.38E-02	3.38E+00
RP-10-SUR	Thorium-228	1.48E+00		2.91E-01	3.52E-02	3.38E-02	3.38E+00
RP-11-SUR	Thorium-228	1.33E+00		2.69E-01	4.19E-02	3.38E-02	3.38E+00
RP-12-SUR	Thorium-228	2.17E+00		4.13E-01	3.55E-02	3.38E-02	3.38E+00
RP-13-SUR	Thorium-228	1.94E+00		3.76E-01	3.48E-02	3.38E-02	3.38E+00
RP-14-SUR	Thorium-228	2.22E+00		4.34E-01	4.38E-02	3.38E-02	3.38E+00
RP-15-SUR	Thorium-228	2.67E+00		4.76E-01	2.57E-02	3.38E-02	3.38E+00
RP-16-SUR	Thorium-228	2.24E+00		4.04E-01	3.10E-02	3.38E-02	3.38E+00
RP-17-SUR	Thorium-228	1.13E+00		2.24E-01	3.21E-02	3.38E-02	3.38E+00
RP-18-SUR	Thorium-228	1.96E+00		3.79E-01	5.18E-02	3.38E-02	3.38E+00
RP-19-SUR	Thorium-228	2.57E+00		4.74E-01	5.88E-02	3.38E-02	3.38E+00
RP-20-SUR	Thorium-228	2.06E+00		3.78E-01	2.48E-02	3.38E-02	3.38E+00
RP-21-SUR	Thorium-228	2.98E+00		5.41E-01	5.18E-02	3.38E-02	3.38E+00

Table 43 - Thorium-228 Analytical Results

Sample ID	Analyte	Result (pCi/g)	Qualifier(s)	Uncertainty (+/- pCi/g)	MDC (pCi/g)	Agricultural 10^{-6} PRG (pCi/g)	Agricultural 10^{-4} PRG (pCi/g)
RP-22-SUR	Thorium-228	2.28E+00		4.18E-01	3.18E-02	3.38E-02	3.38E+00
RP-23-SUR	Thorium-228	1.19E+00		2.28E-01	2.24E-02	3.38E-02	3.38E+00
RP-24-SUR	Thorium-228	1.71E+00		3.12E-01	3.03E-02	3.38E-02	3.38E+00
RP-25-SUR	Thorium-228	1.22E+00		2.36E-01	2.51E-02	3.38E-02	3.38E+00
RP-26-SUR	Thorium-228	2.66E+00		5.03E-01	5.08E-02	3.38E-02	3.38E+00
RP-27-SUR	Thorium-228	1.46E+00		2.78E-01	1.90E-02	3.38E-02	3.38E+00
RP-28-SUR	Thorium-228	2.74E+00		4.96E-01	4.05E-02	3.38E-02	3.38E+00
Rocky Peak Subsurface Samples (Chatsworth Formation)							
RP-1-SUB	Thorium-228	2.48E+00		4.47E-01	3.91E-02	3.38E-02	3.38E+00
RP-5-SUB	Thorium-228	2.76E+00		5.26E-01	9.52E-02	3.38E-02	3.38E+00
RP-7-SUB	Thorium-228	2.48E+00		4.41E-01	2.86E-02	3.38E-02	3.38E+00
RP-12-SUB	Thorium-228	2.60E+00		4.78E-01	2.38E-02	3.38E-02	3.38E+00
RP-13-SUB	Thorium-228	1.88E+00		3.42E-01	3.45E-02	3.38E-02	3.38E+00
RP-17-SUB	Thorium-228	1.81E+00		3.34E-01	2.99E-02	3.38E-02	3.38E+00
RP-18-SUB	Thorium-228	1.74E+00		3.40E-01	6.63E-02	3.38E-02	3.38E+00
RP-19-SUB	Thorium-228	1.36E+00		2.65E-01	1.86E-02	3.38E-02	3.38E+00
RP-20-SUB	Thorium-228	1.66E+00		3.13E-01	4.85E-02	3.38E-02	3.38E+00
RP-28-SUB	Thorium-228	1.68E+00		3.24E-01	4.87E-02	3.38E-02	3.38E+00
Bridle Path Surface Samples (Santa Susana Formation)							
BP-1-SUR	Thorium-228	2.45E+00		4.31E-01	1.80E-02	3.38E-02	3.38E+00
BP-2-SUR	Thorium-228	2.60E+00		4.58E-01	2.56E-02	3.38E-02	3.38E+00
BP-3-SUR	Thorium-228	2.64E+00		4.65E-01	1.97E-02	3.38E-02	3.38E+00
BP-4-SUR	Thorium-228	2.22E+00		3.96E-01	2.61E-02	3.38E-02	3.38E+00
BP-5-SUR	Thorium-228	2.44E+00		4.31E-01	2.34E-02	3.38E-02	3.38E+00
BP-6-SUR	Thorium-228	2.70E+00		4.77E-01	2.89E-02	3.38E-02	3.38E+00
BP-7-SUR	Thorium-228	3.16E+00		5.52E-01	3.08E-02	3.38E-02	3.38E+00
BP-8-SUR	Thorium-228	2.73E+00		4.86E-01	3.25E-02	3.38E-02	3.38E+00
BP-9-SUR	Thorium-228	2.75E+00		4.87E-01	1.82E-02	3.38E-02	3.38E+00
BP-10-SUR	Thorium-228	2.74E+00		4.85E-01	3.01E-02	3.38E-02	3.38E+00
BP-11-SUR	Thorium-228	2.58E+00		4.54E-01	3.24E-02	3.38E-02	3.38E+00
BP-12-SUR	Thorium-228	2.59E+00		4.61E-01	3.13E-02	3.38E-02	3.38E+00
BP-13-SUR	Thorium-228	2.65E+00		4.66E-01	1.27E-02	3.38E-02	3.38E+00
BP-14-SUR	Thorium-228	1.98E+00		3.57E-01	2.55E-02	3.38E-02	3.38E+00
BP-15-SUR	Thorium-228	2.14E+00		3.81E-01	1.97E-02	3.38E-02	3.38E+00
BP-16-SUR	Thorium-228	1.90E+00		3.38E-01	2.26E-02	3.38E-02	3.38E+00
BP-17-SUR	Thorium-228	2.02E+00		3.59E-01	1.48E-02	3.38E-02	3.38E+00
BP-18-SUR	Thorium-228	2.69E+00		4.79E-01	2.51E-02	3.38E-02	3.38E+00
BP-19-SUR	Thorium-228	2.85E+00		5.09E-01	3.70E-02	3.38E-02	3.38E+00
BP-20-SUR	Thorium-228	2.28E+00		4.02E-01	1.96E-02	3.38E-02	3.38E+00
BP-21-SUR	Thorium-228	2.56E+00		4.52E-01	1.90E-02	3.38E-02	3.38E+00
BP-22-SUR	Thorium-228	2.11E+00		3.74E-01	2.42E-02	3.38E-02	3.38E+00
BP-23-SUR	Thorium-228	2.35E+00		4.15E-01	8.50E-03	3.38E-02	3.38E+00
BP-24-SUR	Thorium-228	2.30E+00		4.10E-01	3.03E-02	3.38E-02	3.38E+00
BP-25-SUR	Thorium-228	2.40E+00		4.26E-01	2.15E-02	3.38E-02	3.38E+00
BP-26-SUR	Thorium-228	2.62E+00		4.62E-01	2.03E-02	3.38E-02	3.38E+00
BP-27-SUR	Thorium-228	2.69E+00		4.75E-01	1.88E-02	3.38E-02	3.38E+00
BP-28-SUR	Thorium-228	1.86E+00		3.31E-01	1.74E-02	3.38E-02	3.38E+00
BP-29-SUR	Thorium-228	2.11E+00		3.75E-01	1.90E-02	3.38E-02	3.38E+00
BP-30-SUR	Thorium-228	2.40E+00		4.26E-01	2.00E-02	3.38E-02	3.38E+00
BP-31-SUR	Thorium-228	2.15E+00		3.85E-01	1.69E-02	3.38E-02	3.38E+00
BP-32-SUR	Thorium-228	2.45E+00		4.37E-01	3.20E-02	3.38E-02	3.38E+00
BP-33-SUR	Thorium-228	2.26E+00		4.02E-01	2.45E-02	3.38E-02	3.38E+00
BP-34-SUR	Thorium-228	2.47E+00		4.36E-01	1.49E-02	3.38E-02	3.38E+00
BP-35-SUR	Thorium-228	2.56E+00		4.76E-01	6.44E-02	3.38E-02	3.38E+00
BP-36-SUR	Thorium-228	2.20E+00		3.97E-01	2.93E-02	3.38E-02	3.38E+00
BP-37-SUR	Thorium-228	2.72E+00		4.98E-01	3.41E-02	3.38E-02	3.38E+00
BP-38-SUR	Thorium-228	1.84E+00		3.40E-01	3.08E-02	3.38E-02	3.38E+00
BP-39-SUR	Thorium-228	1.93E+00		3.49E-01	2.70E-02	3.38E-02	3.38E+00
BP-40-SUR	Thorium-228	1.98E+00		3.65E-01	3.18E-02	3.38E-02	3.38E+00
BP-41-SUR	Thorium-228	2.02E+00		3.60E-01	1.82E-02	3.38E-02	3.38E+00
BP-42-SUR	Thorium-228	2.15E+00		3.88E-01	2.47E-02	3.38E-02	3.38E+00

Table 43 - Thorium-228 Analytical Results

Sample ID	Analyte	Result (pCi/g)	Qualifier(s)	Uncertainty (+/- pCi/g)	MDC (pCi/g)	Agricultural 10^{-6} PRG (pCi/g)	Agricultural 10^{-4} PRG (pCi/g)
BP-43-SUR	Thorium-228	2.22E+00		4.03E-01	2.93E-02	3.38E-02	3.38E+00
BP-44-SUR	Thorium-228	1.97E+00		3.65E-01	3.63E-02	3.38E-02	3.38E+00
BP-45-SUR	Thorium-228	2.18E+00		3.97E-01	2.46E-02	3.38E-02	3.38E+00
BP-46-SUR	Thorium-228	2.35E+00		4.34E-01	5.39E-02	3.38E-02	3.38E+00
BP-47-SUR	Thorium-228	2.03E+00		3.76E-01	4.34E-02	3.38E-02	3.38E+00
BP-48-SUR	Thorium-228	2.38E+00		4.27E-01	2.56E-02	3.38E-02	3.38E+00
BP-49-SUR	Thorium-228	2.41E+00		4.34E-01	3.93E-02	3.38E-02	3.38E+00
BP-50-SUR	Thorium-228	2.20E+00		4.11E-01	2.06E-02	3.38E-02	3.38E+00
BP-51-SUR	Thorium-228	2.21E+00		4.11E-01	5.73E-02	3.38E-02	3.38E+00
BP-52-SUR	Thorium-228	1.78E+00		3.26E-01	3.05E-02	3.38E-02	3.38E+00
BP-53-SUR	Thorium-228	1.91E+00		3.49E-01	4.28E-02	3.38E-02	3.38E+00
BP-54-SUR	Thorium-228	1.70E+00		3.15E-01	3.04E-02	3.38E-02	3.38E+00
Bridle Path Subsurface Samples (Santa Susana Formation)							
BP-3-SUB	Thorium-228	2.27E+00		4.10E-01	4.19E-02	3.38E-02	3.38E+00
BP-4-SUB	Thorium-228	1.89E+00		3.44E-01	2.56E-02	3.38E-02	3.38E+00
BP-5-SUB	Thorium-228	2.24E+00		4.01E-01	2.61E-02	3.38E-02	3.38E+00
BP-9-SUB	Thorium-228	3.55E+00		6.28E-01	3.70E-02	3.38E-02	3.38E+00
BP-12-SUB	Thorium-228	2.49E+00		4.49E-01	2.91E-02	3.38E-02	3.38E+00
BP-13-SUB	Thorium-228	3.05E+00		5.36E-01	1.97E-02	3.38E-02	3.38E+00
BP-14-SUB	Thorium-228	1.70E+00		3.16E-01	3.02E-02	3.38E-02	3.38E+00
BP-16-SUB	Thorium-228	3.21E+00		5.68E-01	2.53E-02	3.38E-02	3.38E+00
BP-20-SUB	Thorium-228	1.76E+00		3.21E-01	2.58E-02	3.38E-02	3.38E+00
BP-23-SUB	Thorium-228	2.30E+00		4.11E-01	1.85E-02	3.38E-02	3.38E+00
BP-29-SUB	Thorium-228	1.74E+00		3.18E-01	2.91E-02	3.38E-02	3.38E+00
BP-34-SUB	Thorium-228	3.84E+00		6.86E-01	5.13E-02	3.38E-02	3.38E+00
BP-35-SUB	Thorium-228	3.14E+00		5.56E-01	3.70E-02	3.38E-02	3.38E+00
BP-38-SUB	Thorium-228	1.83E+00		3.41E-01	1.65E-02	3.38E-02	3.38E+00
BP-43-SUB	Thorium-228	1.81E+00		3.26E-01	2.18E-02	3.38E-02	3.38E+00
BP-45-SUB	Thorium-228	2.81E+00		5.29E-01	5.97E-02	3.38E-02	3.38E+00
BP-46-SUB	Thorium-228	2.58E+00		4.59E-01	3.23E-02	3.38E-02	3.38E+00
BP-48-SUB	Thorium-228	2.15E+00		3.90E-01	2.17E-02	3.38E-02	3.38E+00
BP-50-SUB	Thorium-228	2.43E+00		4.35E-01	2.68E-02	3.38E-02	3.38E+00
BP-51-SUB	Thorium-228	3.96E+00		6.94E-01	2.27E-02	3.38E-02	3.38E+00

Notes:

pCi/g - Picocuries per gram of dry soil. Analyses for H-3, C-14, Tc-99, and I-129 are reported in units of pCi per gram of "as-received" soil.

MDC - Minimum Detectable Concentration

PRG - Preliminary Remediation Goal

Uncertainty - Reported at the 1.96σ Confidence Interval. Gamma Spec. Reported at the 2σ Confidence Interval.

Data Qualifiers:

B - Analyte present, but not detected substantially above the level reported in laboratory or field blanks.

J - The analyte was detected at the reported concentration: the quantitation is an estimate.

K - Analyte present. Reported value may be biased high. Actual value is expected to be lower.

L - Analyte present. Reported value may be biased low. Actual value is expected to be higher.

R - The result is rejected due to serious deficiences in the ability to analyze the sample and meet the Quality Control criteria.

U - Not considered detected. The associated number is the reported concentration.

UJ - Not considered detected. The associated number is the reported concentration which may be inaccurate.

UL - Not considered detected. The associated number is the reported concentration which may be inaccurate due to a low bias.

X - Excluded. The data point is associated with reanalyses or diluted analyses and is excluded because another result has been selecetd as the definitive result for the analyte

These results are qualified based on the usability of the data for its intended purpose, which is to develop a statistical profile against which to compare individual on-site sample results, to determine the extent of potential site contamination that may be attributable to site activities.

Table 44 - Thorium-229 Analytical Results

Sample ID	Analyte	Result (pCi/g)	Qualifier(s)	Uncertainty (+/- pCi/g)	MDC (pCi/g)	Agricultural 10^{-6} PRG (pCi/g)	Agricultural 10^{-4} PRG (pCi/g)
Lang Ranch Surface Samples (Chatsworth Formation)							
LR-1-SUR	Thorium-229	-3.68E-02	U	4.53E-02	1.47E-01	1.71E-03	1.71E-01
LR-2-SUR	Thorium-229	2.08E-02		1.98E-02	3.75E-02	1.71E-03	1.71E-01
LR-3-SUR	Thorium-229	-1.21E-01	UK	1.40E-01	3.95E-01	1.71E-03	1.71E-01
LR-4-SUR	Thorium-229	1.11E-02	U	1.90E-02	4.27E-02	1.71E-03	1.71E-01
LR-5-SUR	Thorium-229	-3.31E-03	U	4.18E-02	1.01E-01	1.71E-03	1.71E-01
LR-6-SUR	Thorium-229	2.71E-02		2.46E-02	4.52E-02	1.71E-03	1.71E-01
LR-7-SUR	Thorium-229	2.87E-03	U	1.07E-02	2.44E-02	1.71E-03	1.71E-01
LR-8-SUR	Thorium-229	0.00E+00	U	7.03E-02	1.80E-01	1.71E-03	1.71E-01
LR-9-SUR	Thorium-229	9.92E-03	U	1.97E-02	4.26E-02	1.71E-03	1.71E-01
LR-10-SUR	Thorium-229	-8.12E-03	U	1.31E-02	3.89E-02	1.71E-03	1.71E-01
LR-11-SUR	Thorium-229	4.10E-03	U	1.11E-02	2.50E-02	1.71E-03	1.71E-01
LR-12-SUR	Thorium-229	2.24E-02		2.08E-02	3.87E-02	1.71E-03	1.71E-01
LR-13-SUR	Thorium-229	1.61E-03	U	1.87E-02	4.50E-02	1.71E-03	1.71E-01
LR-14-SUR	Thorium-229	1.46E-02	U	1.78E-02	3.35E-02	1.71E-03	1.71E-01
LR-15-SUR	Thorium-229	2.20E-02	U	4.13E-02	9.23E-02	1.71E-03	1.71E-01
LR-16-SUR	Thorium-229	1.79E-02		1.42E-02	2.49E-02	1.71E-03	1.71E-01
LR-17-SUR	Thorium-229	5.04E-03	U	2.06E-02	4.69E-02	1.71E-03	1.71E-01
LR-18-SUR	Thorium-229	4.19E-03	U	2.18E-02	5.27E-02	1.71E-03	1.71E-01
LR-19-SUR	Thorium-229	-4.97E-03	U	3.35E-02	8.17E-02	1.71E-03	1.71E-01
LR-20-SUR	Thorium-229	2.32E-02		1.49E-02	2.32E-02	1.71E-03	1.71E-01
LR-21-SUR	Thorium-229	1.57E-02	U	3.97E-02	8.79E-02	1.71E-03	1.71E-01
LR-22-SUR	Thorium-229	6.82E-03	U	2.50E-02	6.37E-02	1.71E-03	1.71E-01
LR-23-SUR	Thorium-229	2.09E-02	U	2.63E-02	5.04E-02	1.71E-03	1.71E-01
LR-24-SUR	Thorium-229	-7.55E-03	U	1.43E-02	4.21E-02	1.71E-03	1.71E-01
LR-25-SUR	Thorium-229	1.88E-02	U	2.02E-02	3.60E-02	1.71E-03	1.71E-01
LR-26-SUR	Thorium-229	2.95E-02		2.14E-02	2.79E-02	1.71E-03	1.71E-01
LR-27-SUR	Thorium-229	1.17E-02		7.78E-03	1.13E-02	1.71E-03	1.71E-01
Lang Ranch Subsurface Samples (Chatsworth Formation)							
LR-3-SUB	Thorium-229	-9.63E-03	U	1.37E-02	3.84E-02	1.71E-03	1.71E-01
LR-4-SUB	Thorium-229	6.39E-03	U	8.37E-03	1.72E-02	1.71E-03	1.71E-01
LR-9-SUB	Thorium-229	1.12E-02	U	1.43E-02	2.96E-02	1.71E-03	1.71E-01
LR-13-SUB	Thorium-229	8.45E-03	U	2.59E-02	6.05E-02	1.71E-03	1.71E-01
LR-15-SUB	Thorium-229	8.94E-03	U	3.72E-02	8.57E-02	1.71E-03	1.71E-01
LR-18-SUB	Thorium-229	2.17E-03	U	1.65E-02	3.98E-02	1.71E-03	1.71E-01
LR-19-SUB	Thorium-229	2.76E-02		2.69E-02	5.05E-02	1.71E-03	1.71E-01
LR-23-SUB	Thorium-229	5.97E-03	U	9.38E-03	2.03E-02	1.71E-03	1.71E-01
LR-24-SUB	Thorium-229	-7.34E-03	U	3.81E-02	1.12E-01	1.71E-03	1.71E-01
LR-26-SUB	Thorium-229	1.76E-02		1.53E-02	2.78E-02	1.71E-03	1.71E-01
Rocky Peak Surface Samples (Chatsworth Formation)							
RP-1-SUR	Thorium-229	1.14E-02	U	1.65E-02	3.17E-02	1.71E-03	1.71E-01
RP-2-SUR	Thorium-229	1.65E-02	U	1.66E-02	2.75E-02	1.71E-03	1.71E-01
RP-3-SUR	Thorium-229	1.53E-02		1.44E-02	2.12E-02	1.71E-03	1.71E-01
RP-4-SUR	Thorium-229	1.55E-02	U	1.84E-02	3.24E-02	1.71E-03	1.71E-01
RP-5-SUR	Thorium-229	4.48E-03	U	2.14E-02	5.04E-02	1.71E-03	1.71E-01
RP-6-SUR	Thorium-229	3.18E-02		1.43E-02	1.69E-02	1.71E-03	1.71E-01
RP-7-SUR	Thorium-229	1.76E-02	U	2.42E-02	4.56E-02	1.71E-03	1.71E-01
RP-8-SUR	Thorium-229	6.85E-03	U	1.43E-02	2.94E-02	1.71E-03	1.71E-01
RP-9-SUR	Thorium-229	-2.85E-03	U	1.19E-02	3.24E-02	1.71E-03	1.71E-01
RP-10-SUR	Thorium-229	3.71E-03	U	1.30E-02	3.10E-02	1.71E-03	1.71E-01
RP-11-SUR	Thorium-229	3.67E-03	U	1.32E-02	3.23E-02	1.71E-03	1.71E-01
RP-12-SUR	Thorium-229	9.64E-03	U	1.81E-02	3.71E-02	1.71E-03	1.71E-01
RP-13-SUR	Thorium-229	9.27E-03	U	1.58E-02	3.25E-02	1.71E-03	1.71E-01
RP-14-SUR	Thorium-229	3.86E-02		2.71E-02	3.09E-02	1.71E-03	1.71E-01
RP-15-SUR	Thorium-229	1.24E-02		1.13E-02	2.10E-02	1.71E-03	1.71E-01
RP-16-SUR	Thorium-229	8.57E-03	U	1.42E-02	3.00E-02	1.71E-03	1.71E-01
RP-17-SUR	Thorium-229	-4.99E-03	U	1.06E-02	3.11E-02	1.71E-03	1.71E-01
RP-18-SUR	Thorium-229	1.43E-02	U	2.19E-02	4.21E-02	1.71E-03	1.71E-01
RP-19-SUR	Thorium-229	2.76E-02		2.51E-02	4.60E-02	1.71E-03	1.71E-01
RP-20-SUR	Thorium-229	6.94E-03	U	1.34E-02	2.77E-02	1.71E-03	1.71E-01
RP-21-SUR	Thorium-229	2.30E-02		1.95E-02	3.51E-02	1.71E-03	1.71E-01

Table 44 - Thorium-229 Analytical Results

Sample ID	Analyte	Result (pCi/g)	Qualifier(s)	Uncertainty (+/- pCi/g)	MDC (pCi/g)	Agricultural 10^{-6} PRG (pCi/g)	Agricultural 10^{-4} PRG (pCi/g)
RP-22-SUR	Thorium-229	1.29E-02	U	1.56E-02	2.90E-02	1.71E-03	1.71E-01
RP-23-SUR	Thorium-229	2.95E-03	U	1.24E-02	2.77E-02	1.71E-03	1.71E-01
RP-24-SUR	Thorium-229	8.92E-03	U	1.10E-02	2.22E-02	1.71E-03	1.71E-01
RP-25-SUR	Thorium-229	7.87E-03	U	1.08E-02	2.15E-02	1.71E-03	1.71E-01
RP-26-SUR	Thorium-229	1.23E-02	U	1.84E-02	3.70E-02	1.71E-03	1.71E-01
RP-27-SUR	Thorium-229	1.28E-02	U	1.46E-02	2.67E-02	1.71E-03	1.71E-01
RP-28-SUR	Thorium-229	1.03E-02	U	1.80E-02	3.80E-02	1.71E-03	1.71E-01
Rocky Peak Subsurface Samples (Chatsworth Formation)							
RP-1-SUB	Thorium-229	1.15E-02	U	1.44E-02	2.91E-02	1.71E-03	1.71E-01
RP-5-SUB	Thorium-229	4.35E-02		2.96E-02	4.71E-02	1.71E-03	1.71E-01
RP-7-SUB	Thorium-229	2.00E-02		1.30E-02	2.06E-02	1.71E-03	1.71E-01
RP-12-SUB	Thorium-229	-2.35E-04	U	1.18E-02	3.18E-02	1.71E-03	1.71E-01
RP-13-SUB	Thorium-229	2.17E-02		1.57E-02	2.65E-02	1.71E-03	1.71E-01
RP-17-SUB	Thorium-229	3.41E-02		1.68E-02	1.83E-02	1.71E-03	1.71E-01
RP-18-SUB	Thorium-229	4.45E-02		2.96E-02	4.75E-02	1.71E-03	1.71E-01
RP-19-SUB	Thorium-229	2.25E-03	U	1.32E-02	3.44E-02	1.71E-03	1.71E-01
RP-20-SUB	Thorium-229	1.74E-02		1.32E-02	2.15E-02	1.71E-03	1.71E-01
RP-28-SUB	Thorium-229	7.92E-03	U	1.65E-02	3.84E-02	1.71E-03	1.71E-01
Bridle Path Surface Samples (Santa Susana Formation)							
BP-1-SUR	Thorium-229	8.27E-03	U	1.24E-02	2.48E-02	1.71E-03	1.71E-01
BP-2-SUR	Thorium-229	1.69E-02		1.39E-02	2.45E-02	1.71E-03	1.71E-01
BP-3-SUR	Thorium-229	1.47E-02		1.08E-02	1.83E-02	1.71E-03	1.71E-01
BP-4-SUR	Thorium-229	1.27E-02		1.02E-02	1.78E-02	1.71E-03	1.71E-01
BP-5-SUR	Thorium-229	2.41E-02		1.30E-02	1.77E-02	1.71E-03	1.71E-01
BP-6-SUR	Thorium-229	6.99E-03	U	1.08E-02	2.28E-02	1.71E-03	1.71E-01
BP-7-SUR	Thorium-229	2.47E-02		1.42E-02	2.15E-02	1.71E-03	1.71E-01
BP-8-SUR	Thorium-229	1.27E-02		1.23E-02	2.34E-02	1.71E-03	1.71E-01
BP-9-SUR	Thorium-229	2.27E-02		1.57E-02	2.59E-02	1.71E-03	1.71E-01
BP-10-SUR	Thorium-229	2.36E-02		1.50E-02	2.37E-02	1.71E-03	1.71E-01
BP-11-SUR	Thorium-229	2.69E-02		1.51E-02	2.26E-02	1.71E-03	1.71E-01
BP-12-SUR	Thorium-229	4.47E-03	U	9.58E-03	2.25E-02	1.71E-03	1.71E-01
BP-13-SUR	Thorium-229	1.31E-02		1.13E-02	2.03E-02	1.71E-03	1.71E-01
BP-14-SUR	Thorium-229	1.44E-02	U	1.63E-02	3.12E-02	1.71E-03	1.71E-01
BP-15-SUR	Thorium-229	7.52E-03	U	9.78E-03	2.04E-02	1.71E-03	1.71E-01
BP-16-SUR	Thorium-229	4.30E-03	U	1.04E-02	2.23E-02	1.71E-03	1.71E-01
BP-17-SUR	Thorium-229	8.40E-03	U	1.10E-02	2.22E-02	1.71E-03	1.71E-01
BP-18-SUR	Thorium-229	1.03E-02	U	1.58E-02	3.23E-02	1.71E-03	1.71E-01
BP-19-SUR	Thorium-229	2.15E-02		1.46E-02	2.32E-02	1.71E-03	1.71E-01
BP-20-SUR	Thorium-229	1.71E-02		1.05E-02	1.62E-02	1.71E-03	1.71E-01
BP-21-SUR	Thorium-229	3.44E-02		1.42E-02	1.25E-02	1.71E-03	1.71E-01
BP-22-SUR	Thorium-229	1.56E-02		1.00E-02	1.57E-02	1.71E-03	1.71E-01
BP-23-SUR	Thorium-229	9.91E-03		9.06E-03	1.69E-02	1.71E-03	1.71E-01
BP-24-SUR	Thorium-229	1.27E-02		9.23E-03	1.44E-02	1.71E-03	1.71E-01
BP-25-SUR	Thorium-229	1.86E-02		1.18E-02	1.82E-02	1.71E-03	1.71E-01
BP-26-SUR	Thorium-229	1.34E-02		1.01E-02	1.71E-02	1.71E-03	1.71E-01
BP-27-SUR	Thorium-229	2.35E-02		1.23E-02	1.64E-02	1.71E-03	1.71E-01
BP-28-SUR	Thorium-229	1.72E-02		9.86E-03	1.35E-02	1.71E-03	1.71E-01
BP-29-SUR	Thorium-229	1.67E-02		1.16E-02	1.92E-02	1.71E-03	1.71E-01
BP-30-SUR	Thorium-229	1.73E-02		1.01E-02	1.32E-02	1.71E-03	1.71E-01
BP-31-SUR	Thorium-229	1.82E-02		1.00E-02	7.82E-03	1.71E-03	1.71E-01
BP-32-SUR	Thorium-229	1.83E-02		1.25E-02	2.01E-02	1.71E-03	1.71E-01
BP-33-SUR	Thorium-229	2.28E-02		1.35E-02	2.02E-02	1.71E-03	1.71E-01
BP-34-SUR	Thorium-229	2.11E-02		1.21E-02	1.78E-02	1.71E-03	1.71E-01
BP-35-SUR	Thorium-229	3.29E-02		2.14E-02	3.05E-02	1.71E-03	1.71E-01
BP-36-SUR	Thorium-229	1.75E-02		1.40E-02	2.47E-02	1.71E-03	1.71E-01
BP-37-SUR	Thorium-229	1.88E-02		1.49E-02	2.50E-02	1.71E-03	1.71E-01
BP-38-SUR	Thorium-229	2.62E-02		1.79E-02	2.90E-02	1.71E-03	1.71E-01
BP-39-SUR	Thorium-229	2.22E-02		1.44E-02	2.27E-02	1.71E-03	1.71E-01
BP-40-SUR	Thorium-229	2.61E-02		1.74E-02	2.75E-02	1.71E-03	1.71E-01
BP-41-SUR	Thorium-229	1.35E-02		9.08E-03	1.41E-02	1.71E-03	1.71E-01
BP-42-SUR	Thorium-229	1.80E-02		1.42E-02	2.48E-02	1.71E-03	1.71E-01

Table 44 - Thorium-229 Analytical Results

Sample ID	Analyte	Result (pCi/g)	Qualifier(s)	Uncertainty (+/- pCi/g)	MDC (pCi/g)	Agricultural 10^{-6} PRG (pCi/g)	Agricultural 10^{-4} PRG (pCi/g)
BP-43-SUR	Thorium-229	2.85E-02		1.57E-02	1.92E-02	1.71E-03	1.71E-01
BP-44-SUR	Thorium-229	3.80E-02		2.05E-02	2.66E-02	1.71E-03	1.71E-01
BP-45-SUR	Thorium-229	1.70E-02		1.15E-02	1.13E-02	1.71E-03	1.71E-01
BP-46-SUR	Thorium-229	7.17E-03	U	1.41E-02	3.36E-02	1.71E-03	1.71E-01
BP-47-SUR	Thorium-229	1.39E-02	U	1.73E-02	3.55E-02	1.71E-03	1.71E-01
BP-48-SUR	Thorium-229	2.44E-02		1.35E-02	1.67E-02	1.71E-03	1.71E-01
BP-49-SUR	Thorium-229	2.15E-02		1.53E-02	2.53E-02	1.71E-03	1.71E-01
BP-50-SUR	Thorium-229	4.50E-02		2.71E-02	4.05E-02	1.71E-03	1.71E-01
BP-51-SUR	Thorium-229	3.30E-02		2.01E-02	2.70E-02	1.71E-03	1.71E-01
BP-52-SUR	Thorium-229	1.03E-02	U	1.25E-02	2.56E-02	1.71E-03	1.71E-01
BP-53-SUR	Thorium-229	2.24E-02		1.52E-02	2.42E-02	1.71E-03	1.71E-01
BP-54-SUR	Thorium-229	2.18E-03	U	1.11E-02	2.86E-02	1.71E-03	1.71E-01
Bridle Path Subsurface Samples (Santa Susana Formation)							
BP-3-SUB	Thorium-229	1.36E-02		1.27E-02	2.39E-02	1.71E-03	1.71E-01
BP-4-SUB	Thorium-229	9.45E-03	U	1.17E-02	2.41E-02	1.71E-03	1.71E-01
BP-5-SUB	Thorium-229	1.87E-02		1.33E-02	2.21E-02	1.71E-03	1.71E-01
BP-9-SUB	Thorium-229	2.41E-02		1.38E-02	1.76E-02	1.71E-03	1.71E-01
BP-12-SUB	Thorium-229	3.12E-02		1.79E-02	2.53E-02	1.71E-03	1.71E-01
BP-13-SUB	Thorium-229	2.30E-02		1.20E-02	1.53E-02	1.71E-03	1.71E-01
BP-14-SUB	Thorium-229	2.42E-02		1.80E-02	3.06E-02	1.71E-03	1.71E-01
BP-16-SUB	Thorium-229	2.03E-02		1.23E-02	1.66E-02	1.71E-03	1.71E-01
BP-20-SUB	Thorium-229	2.56E-02		1.42E-02	1.90E-02	1.71E-03	1.71E-01
BP-23-SUB	Thorium-229	2.39E-02		1.21E-02	8.56E-03	1.71E-03	1.71E-01
BP-29-SUB	Thorium-229	2.04E-02		1.47E-02	2.46E-02	1.71E-03	1.71E-01
BP-34-SUB	Thorium-229	3.88E-02		2.25E-02	3.21E-02	1.71E-03	1.71E-01
BP-35-SUB	Thorium-229	1.86E-02		1.41E-02	2.40E-02	1.71E-03	1.71E-01
BP-38-SUB	Thorium-229	9.64E-03	U	1.49E-02	3.26E-02	1.71E-03	1.71E-01
BP-43-SUB	Thorium-229	1.74E-02		1.06E-02	1.43E-02	1.71E-03	1.71E-01
BP-45-SUB	Thorium-229	3.49E-02		2.44E-02	3.72E-02	1.71E-03	1.71E-01
BP-46-SUB	Thorium-229	1.62E-02		1.20E-02	2.02E-02	1.71E-03	1.71E-01
BP-48-SUB	Thorium-229	1.79E-02		1.11E-02	1.00E-02	1.71E-03	1.71E-01
BP-50-SUB	Thorium-229	4.43E-03	U	9.61E-03	2.25E-02	1.71E-03	1.71E-01
BP-51-SUB	Thorium-229	3.09E-02		1.44E-02	1.48E-02	1.71E-03	1.71E-01

Notes:

pCi/g - Picocuries per gram of dry soil. Analyses for H-3, C-14, Tc-99, and I-129 are reported in units of pCi per gram of "as-received" soil.

MDC - Minimum Detectable Concentration

PRG - Preliminary Remediation Goal

Uncertainty - Reported at the 1.96σ Confidence Interval. Gamma Spec. Reported at the 2σ Confidence Interval.

Data Qualifiers:

B - Analyte present, but not detected substantially above the level reported in laboratory or field blanks.

J - The analyte was detected at the reported concentration: the quantitation is an estimate.

K - Analyte present. Reported value may be biased high. Actual value is expected to be lower.

L - Analyte present. Reported value may be biased low. Actual value is expected to be higher.

R - The result is rejected due to serious deficiences in the ability to analyze the sample and meet the Quality Control criteria.

U - Not considered detected. The associated number is the reported concentration.

UJ - Not considered detected. The associated number is the reported concentration which may be inaccurate.

UL - Not considered detected. The associated number is the reported concentration which may be inaccurate due to a low bias.

X - Excluded. The data point is associated with reanalyses or diluted analyses and is excluded because another result has been selecetd as the definitive result for the analyte

These results are qualified based on the usability of the data for its intended purpose, which is to develop a statistical profile against which to compare individual on-site sample results, to determine the extent of potential site contamination that may be attributable to site activities.

Table 45 - Thorium-230 Analytical Results

Sample ID	Analyte	Result (pCi/g)	Qualifier(s)	Uncertainty (+/- pCi/g)	MDC (pCi/g)	Agricultural 10^{-6} PRG (pCi/g)	Agricultural 10^{-4} PRG (pCi/g)
Lang Ranch Surface Samples (Chatsworth Formation)							
LR-1-SUR	Thorium-230	1.33E+00		3.23E-01	4.72E-02	1.05E-02	1.05E+00
LR-2-SUR	Thorium-230	1.04E+00		2.03E-01	2.60E-02	1.05E-02	1.05E+00
LR-3-SUR	Thorium-230	8.95E-01	K	3.07E-01	2.40E-01	1.05E-02	1.05E+00
LR-4-SUR	Thorium-230	1.28E+00		2.47E-01	1.67E-02	1.05E-02	1.05E+00
LR-5-SUR	Thorium-230	1.30E+00		2.71E-01	6.20E-02	1.05E-02	1.05E+00
LR-6-SUR	Thorium-230	1.20E+00		2.50E-01	4.93E-02	1.05E-02	1.05E+00
LR-7-SUR	Thorium-230	1.17E+00		2.13E-01	1.60E-02	1.05E-02	1.05E+00
LR-8-SUR	Thorium-230	1.45E+00		3.47E-01	1.30E-01	1.05E-02	1.05E+00
LR-9-SUR	Thorium-230	1.32E+00		2.62E-01	3.69E-02	1.05E-02	1.05E+00
LR-10-SUR	Thorium-230	1.30E+00		2.50E-01	3.10E-02	1.05E-02	1.05E+00
LR-11-SUR	Thorium-230	7.24E-01		1.38E-01	2.24E-02	1.05E-02	1.05E+00
LR-12-SUR	Thorium-230	1.07E+00		2.06E-01	3.43E-02	1.05E-02	1.05E+00
LR-13-SUR	Thorium-230	1.13E+00		2.25E-01	1.45E-02	1.05E-02	1.05E+00
LR-14-SUR	Thorium-230	1.02E+00		2.04E-01	2.75E-02	1.05E-02	1.05E+00
LR-15-SUR	Thorium-230	9.89E-01		2.25E-01	8.60E-02	1.05E-02	1.05E+00
LR-16-SUR	Thorium-230	1.19E+00		2.20E-01	1.87E-02	1.05E-02	1.05E+00
LR-17-SUR	Thorium-230	1.21E+00		2.40E-01	2.86E-02	1.05E-02	1.05E+00
LR-18-SUR	Thorium-230	1.34E+00		2.72E-01	3.62E-02	1.05E-02	1.05E+00
LR-19-SUR	Thorium-230	1.33E+00		2.68E-01	4.96E-02	1.05E-02	1.05E+00
LR-20-SUR	Thorium-230	1.18E+00		2.18E-01	2.51E-02	1.05E-02	1.05E+00
LR-21-SUR	Thorium-230	9.84E-01		2.14E-01	6.45E-02	1.05E-02	1.05E+00
LR-22-SUR	Thorium-230	1.45E+00		3.10E-01	5.38E-02	1.05E-02	1.05E+00
LR-23-SUR	Thorium-230	1.35E+00		2.77E-01	3.95E-02	1.05E-02	1.05E+00
LR-24-SUR	Thorium-230	1.20E+00		2.36E-01	1.36E-02	1.05E-02	1.05E+00
LR-25-SUR	Thorium-230	1.16E+00		2.30E-01	2.96E-02	1.05E-02	1.05E+00
LR-26-SUR	Thorium-230	1.18E+00		2.34E-01	2.40E-02	1.05E-02	1.05E+00
LR-27-SUR	Thorium-230	1.26E+00		2.27E-01	1.13E-02	1.05E-02	1.05E+00
Lang Ranch Subsurface Samples (Chatsworth Formation)							
LR-3-SUB	Thorium-230	1.46E+00		2.69E-01	2.05E-02	1.05E-02	1.05E+00
LR-4-SUB	Thorium-230	1.27E+00		2.26E-01	1.27E-02	1.05E-02	1.05E+00
LR-9-SUB	Thorium-230	9.90E-01		1.88E-01	2.74E-02	1.05E-02	1.05E+00
LR-13-SUB	Thorium-230	1.40E+00		2.75E-01	4.88E-02	1.05E-02	1.05E+00
LR-15-SUB	Thorium-230	1.20E+00		2.51E-01	6.28E-02	1.05E-02	1.05E+00
LR-18-SUB	Thorium-230	1.26E+00		2.38E-01	2.31E-02	1.05E-02	1.05E+00
LR-19-SUB	Thorium-230	1.33E+00		2.56E-01	3.47E-02	1.05E-02	1.05E+00
LR-23-SUB	Thorium-230	1.42E+00		2.55E-01	1.89E-02	1.05E-02	1.05E+00
LR-24-SUB	Thorium-230	2.04E+00		4.22E-01	8.44E-02	1.05E-02	1.05E+00
LR-26-SUB	Thorium-230	1.46E+00		2.66E-01	2.01E-02	1.05E-02	1.05E+00
Rocky Peak Surface Samples (Chatsworth Formation)							
RP-1-SUR	Thorium-230	7.17E-01		1.49E-01	1.10E-02	1.05E-02	1.05E+00
RP-2-SUR	Thorium-230	7.28E-01		1.53E-01	2.28E-02	1.05E-02	1.05E+00
RP-3-SUR	Thorium-230	7.08E-01		1.50E-01	1.84E-02	1.05E-02	1.05E+00
RP-4-SUR	Thorium-230	1.34E+00		2.70E-01	3.28E-02	1.05E-02	1.05E+00
RP-5-SUR	Thorium-230	1.35E+00		2.74E-01	3.16E-02	1.05E-02	1.05E+00
RP-6-SUR	Thorium-230	1.57E+00		2.80E-01	6.81E-03	1.05E-02	1.05E+00
RP-7-SUR	Thorium-230	1.37E+00		2.75E-01	3.48E-02	1.05E-02	1.05E+00
RP-8-SUR	Thorium-230	7.19E-01		1.46E-01	2.13E-02	1.05E-02	1.05E+00
RP-9-SUR	Thorium-230	6.84E-01		1.43E-01	2.20E-02	1.05E-02	1.05E+00
RP-10-SUR	Thorium-230	8.17E-01		1.69E-01	1.89E-02	1.05E-02	1.05E+00
RP-11-SUR	Thorium-230	7.58E-01		1.62E-01	2.82E-02	1.05E-02	1.05E+00
RP-12-SUR	Thorium-230	1.22E+00		2.40E-01	1.29E-02	1.05E-02	1.05E+00
RP-13-SUR	Thorium-230	1.27E+00		2.52E-01	2.70E-02	1.05E-02	1.05E+00
RP-14-SUR	Thorium-230	1.47E+00		2.94E-01	2.69E-02	1.05E-02	1.05E+00
RP-15-SUR	Thorium-230	1.29E+00		2.35E-01	1.73E-02	1.05E-02	1.05E+00
RP-16-SUR	Thorium-230	1.43E+00		2.62E-01	1.74E-02	1.05E-02	1.05E+00
RP-17-SUR	Thorium-230	6.57E-01		1.37E-01	2.26E-02	1.05E-02	1.05E+00
RP-18-SUR	Thorium-230	1.11E+00		2.23E-01	2.86E-02	1.05E-02	1.05E+00
RP-19-SUR	Thorium-230	1.35E+00		2.57E-01	3.16E-02	1.05E-02	1.05E+00
RP-20-SUR	Thorium-230	1.29E+00		2.41E-01	2.18E-02	1.05E-02	1.05E+00
RP-21-SUR	Thorium-230	1.43E+00		2.65E-01	3.33E-02	1.05E-02	1.05E+00

Table 45 - Thorium-230 Analytical Results

Sample ID	Analyte	Result (pCi/g)	Qualifier(s)	Uncertainty (+/- pCi/g)	MDC (pCi/g)	Agricultural 10^{-6} PRG (pCi/g)	Agricultural 10^{-4} PRG (pCi/g)
RP-22-SUR	Thorium-230	1.29E+00		2.43E-01	2.02E-02	1.05E-02	1.05E+00
RP-23-SUR	Thorium-230	6.16E-01		1.24E-01	2.03E-02	1.05E-02	1.05E+00
RP-24-SUR	Thorium-230	7.69E-01		1.45E-01	1.95E-02	1.05E-02	1.05E+00
RP-25-SUR	Thorium-230	7.57E-01		1.50E-01	1.76E-02	1.05E-02	1.05E+00
RP-26-SUR	Thorium-230	1.47E+00		2.82E-01	2.90E-02	1.05E-02	1.05E+00
RP-27-SUR	Thorium-230	8.88E-01		1.73E-01	1.64E-02	1.05E-02	1.05E+00
RP-28-SUR	Thorium-230	1.50E+00		2.77E-01	3.42E-02	1.05E-02	1.05E+00
Rocky Peak Subsurface Samples (Chatsworth Formation)							
RP-1-SUB	Thorium-230	1.47E+00		2.68E-01	2.35E-02	1.05E-02	1.05E+00
RP-5-SUB	Thorium-230	1.41E+00		2.74E-01	2.01E-02	1.05E-02	1.05E+00
RP-7-SUB	Thorium-230	1.48E+00		2.66E-01	1.55E-02	1.05E-02	1.05E+00
RP-12-SUB	Thorium-230	1.51E+00		2.85E-01	2.84E-02	1.05E-02	1.05E+00
RP-13-SUB	Thorium-230	9.51E-01		1.76E-01	7.66E-03	1.05E-02	1.05E+00
RP-17-SUB	Thorium-230	1.03E+00		1.94E-01	2.16E-02	1.05E-02	1.05E+00
RP-18-SUB	Thorium-230	9.17E-01		1.86E-01	3.64E-02	1.05E-02	1.05E+00
RP-19-SUB	Thorium-230	7.63E-01		1.53E-01	2.75E-02	1.05E-02	1.05E+00
RP-20-SUB	Thorium-230	8.57E-01		1.67E-01	3.09E-02	1.05E-02	1.05E+00
RP-28-SUB	Thorium-230	8.71E-01		1.74E-01	2.67E-02	1.05E-02	1.05E+00
Bridle Path Surface Samples (Santa Susana Formation)							
BP-1-SUR	Thorium-230	1.46E+00		2.60E-01	1.77E-02	1.05E-02	1.05E+00
BP-2-SUR	Thorium-230	1.59E+00		2.84E-01	1.81E-02	1.05E-02	1.05E+00
BP-3-SUR	Thorium-230	1.59E+00		2.84E-01	1.46E-02	1.05E-02	1.05E+00
BP-4-SUR	Thorium-230	1.34E+00		2.44E-01	1.50E-02	1.05E-02	1.05E+00
BP-5-SUR	Thorium-230	1.34E+00		2.42E-01	1.30E-02	1.05E-02	1.05E+00
BP-6-SUR	Thorium-230	1.51E+00		2.72E-01	1.40E-02	1.05E-02	1.05E+00
BP-7-SUR	Thorium-230	1.64E+00		2.92E-01	1.71E-02	1.05E-02	1.05E+00
BP-8-SUR	Thorium-230	1.61E+00		2.90E-01	1.68E-02	1.05E-02	1.05E+00
BP-9-SUR	Thorium-230	1.56E+00		2.81E-01	1.99E-02	1.05E-02	1.05E+00
BP-10-SUR	Thorium-230	1.58E+00		2.83E-01	1.45E-02	1.05E-02	1.05E+00
BP-11-SUR	Thorium-230	1.52E+00		2.72E-01	1.81E-02	1.05E-02	1.05E+00
BP-12-SUR	Thorium-230	1.48E+00		2.68E-01	1.62E-02	1.05E-02	1.05E+00
BP-13-SUR	Thorium-230	1.45E+00		2.58E-01	1.19E-02	1.05E-02	1.05E+00
BP-14-SUR	Thorium-230	1.27E+00		2.31E-01	2.42E-02	1.05E-02	1.05E+00
BP-15-SUR	Thorium-230	1.23E+00		2.23E-01	1.71E-02	1.05E-02	1.05E+00
BP-16-SUR	Thorium-230	1.18E+00		2.12E-01	1.51E-02	1.05E-02	1.05E+00
BP-17-SUR	Thorium-230	1.33E+00		2.39E-01	1.97E-02	1.05E-02	1.05E+00
BP-18-SUR	Thorium-230	1.54E+00		2.80E-01	2.82E-02	1.05E-02	1.05E+00
BP-19-SUR	Thorium-230	1.36E+00		2.50E-01	2.08E-02	1.05E-02	1.05E+00
BP-20-SUR	Thorium-230	1.25E+00		2.24E-01	1.50E-02	1.05E-02	1.05E+00
BP-21-SUR	Thorium-230	1.42E+00		2.55E-01	1.48E-02	1.05E-02	1.05E+00
BP-22-SUR	Thorium-230	1.15E+00		2.06E-01	1.29E-02	1.05E-02	1.05E+00
BP-23-SUR	Thorium-230	1.23E+00		2.21E-01	1.35E-02	1.05E-02	1.05E+00
BP-24-SUR	Thorium-230	1.21E+00		2.21E-01	2.07E-02	1.05E-02	1.05E+00
BP-25-SUR	Thorium-230	1.31E+00		2.36E-01	1.27E-02	1.05E-02	1.05E+00
BP-26-SUR	Thorium-230	1.42E+00		2.55E-01	1.57E-02	1.05E-02	1.05E+00
BP-27-SUR	Thorium-230	1.41E+00		2.53E-01	1.46E-02	1.05E-02	1.05E+00
BP-28-SUR	Thorium-230	1.09E+00		1.97E-01	9.78E-03	1.05E-02	1.05E+00
BP-29-SUR	Thorium-230	1.25E+00		2.26E-01	1.24E-02	1.05E-02	1.05E+00
BP-30-SUR	Thorium-230	1.31E+00		2.36E-01	1.55E-02	1.05E-02	1.05E+00
BP-31-SUR	Thorium-230	1.19E+00		2.16E-01	1.39E-02	1.05E-02	1.05E+00
BP-32-SUR	Thorium-230	1.29E+00		2.35E-01	1.79E-02	1.05E-02	1.05E+00
BP-33-SUR	Thorium-230	1.17E+00		2.13E-01	1.87E-02	1.05E-02	1.05E+00
BP-34-SUR	Thorium-230	1.33E+00		2.39E-01	1.34E-02	1.05E-02	1.05E+00
BP-35-SUR	Thorium-230	1.25E+00		2.44E-01	4.38E-02	1.05E-02	1.05E+00
BP-36-SUR	Thorium-230	1.21E+00		2.23E-01	1.71E-02	1.05E-02	1.05E+00
BP-37-SUR	Thorium-230	1.26E+00		2.40E-01	1.41E-02	1.05E-02	1.05E+00
BP-38-SUR	Thorium-230	1.10E+00		2.08E-01	2.38E-02	1.05E-02	1.05E+00
BP-39-SUR	Thorium-230	1.08E+00		2.00E-01	2.08E-02	1.05E-02	1.05E+00
BP-40-SUR	Thorium-230	1.14E+00		2.15E-01	2.46E-02	1.05E-02	1.05E+00
BP-41-SUR	Thorium-230	1.26E+00		2.26E-01	1.02E-02	1.05E-02	1.05E+00
BP-42-SUR	Thorium-230	1.20E+00		2.20E-01	1.61E-02	1.05E-02	1.05E+00

Table 45 - Thorium-230 Analytical Results

Sample ID	Analyte	Result (pCi/g)	Qualifier(s)	Uncertainty (+/- pCi/g)	MDC (pCi/g)	Agricultural 10^{-6} PRG (pCi/g)	Agricultural 10^{-4} PRG (pCi/g)
BP-43-SUR	Thorium-230	1.15E+00		2.15E-01	2.26E-02	1.05E-02	1.05E+00
BP-44-SUR	Thorium-230	1.14E+00		2.17E-01	2.25E-02	1.05E-02	1.05E+00
BP-45-SUR	Thorium-230	1.24E+00		2.31E-01	2.01E-02	1.05E-02	1.05E+00
BP-46-SUR	Thorium-230	1.25E+00		2.38E-01	3.00E-02	1.05E-02	1.05E+00
BP-47-SUR	Thorium-230	1.06E+00		2.03E-01	3.29E-02	1.05E-02	1.05E+00
BP-48-SUR	Thorium-230	1.45E+00		2.64E-01	1.97E-02	1.05E-02	1.05E+00
BP-49-SUR	Thorium-230	1.25E+00		2.30E-01	2.08E-02	1.05E-02	1.05E+00
BP-50-SUR	Thorium-230	1.17E+00		2.27E-01	3.25E-02	1.05E-02	1.05E+00
BP-51-SUR	Thorium-230	1.10E+00		2.14E-01	3.88E-02	1.05E-02	1.05E+00
BP-52-SUR	Thorium-230	9.96E-01		1.87E-01	1.78E-02	1.05E-02	1.05E+00
BP-53-SUR	Thorium-230	1.06E+00		1.98E-01	2.16E-02	1.05E-02	1.05E+00
BP-54-SUR	Thorium-230	9.15E-01		1.76E-01	2.35E-02	1.05E-02	1.05E+00
Bridle Path Subsurface Samples (Santa Susana Formation)							
BP-3-SUB	Thorium-230	1.46E+00		2.68E-01	2.13E-02	1.05E-02	1.05E+00
BP-4-SUB	Thorium-230	1.14E+00		2.12E-01	1.98E-02	1.05E-02	1.05E+00
BP-5-SUB	Thorium-230	1.21E+00		2.22E-01	2.02E-02	1.05E-02	1.05E+00
BP-9-SUB	Thorium-230	1.67E+00		3.02E-01	2.52E-02	1.05E-02	1.05E+00
BP-12-SUB	Thorium-230	1.23E+00		2.28E-01	2.26E-02	1.05E-02	1.05E+00
BP-13-SUB	Thorium-230	1.44E+00		2.59E-01	1.10E-02	1.05E-02	1.05E+00
BP-14-SUB	Thorium-230	1.05E+00		1.99E-01	1.98E-02	1.05E-02	1.05E+00
BP-16-SUB	Thorium-230	1.49E+00		2.71E-01	1.96E-02	1.05E-02	1.05E+00
BP-20-SUB	Thorium-230	9.42E-01		1.76E-01	1.60E-02	1.05E-02	1.05E+00
BP-23-SUB	Thorium-230	1.33E+00		2.42E-01	1.52E-02	1.05E-02	1.05E+00
BP-29-SUB	Thorium-230	1.00E+00		1.88E-01	1.71E-02	1.05E-02	1.05E+00
BP-34-SUB	Thorium-230	1.76E+00		3.24E-01	2.87E-02	1.05E-02	1.05E+00
BP-35-SUB	Thorium-230	1.43E+00		2.60E-01	1.97E-02	1.05E-02	1.05E+00
BP-38-SUB	Thorium-230	1.25E+00		2.35E-01	2.61E-02	1.05E-02	1.05E+00
BP-43-SUB	Thorium-230	1.13E+00		2.07E-01	1.69E-02	1.05E-02	1.05E+00
BP-45-SUB	Thorium-230	1.22E+00		2.44E-01	3.71E-02	1.05E-02	1.05E+00
BP-46-SUB	Thorium-230	1.30E+00		2.37E-01	1.80E-02	1.05E-02	1.05E+00
BP-48-SUB	Thorium-230	1.17E+00		2.17E-01	1.77E-02	1.05E-02	1.05E+00
BP-50-SUB	Thorium-230	1.33E+00		2.43E-01	2.07E-02	1.05E-02	1.05E+00
BP-51-SUB	Thorium-230	1.72E+00		3.08E-01	1.75E-02	1.05E-02	1.05E+00

Notes:

pCi/g - Picocuries per gram of dry soil. Analyses for H-3, C-14, Tc-99, and I-129 are reported in units of pCi per gram of "as-received" soil.

MDC - Minimum Detectable Concentration

PRG - Preliminary Remediation Goal

Uncertainty - Reported at the 1.96σ Confidence Interval. Gamma Spec. Reported at the 2σ Confidence Interval.

Data Qualifiers:

B - Analyte present, but not detected substantially above the level reported in laboratory or field blanks.

J - The analyte was detected at the reported concentration: the quantitation is an estimate.

K - Analyte present. Reported value may be biased high. Actual value is expected to be lower.

L - Analyte present. Reported value may be biased low. Actual value is expected to be higher.

R - The result is rejected due to serious deficiences in the ability to analyze the sample and meet the Quality Control criteria.

U - Not considered detected. The associated number is the reported concentration.

UJ - Not considered detected. The associated number is the reported concentration which may be inaccurate.

UL - Not considered detected. The associated number is the reported concentration which may be inaccurate due to a low bias.

X - Excluded. The data point is associated with reanalyses or diluted analyses and is excluded because another result has been selecetd as the definitive result for the analyte

These results are qualified based on the usability of the data for its intended purpose, which is to develop a statistical profile against which to compare individual on-site sample results, to determine the extent of potential site contamination that may be attributable to site activities.

Table 46 - Thorium-231 Analytical Results

Sample ID	Analyte	Result (pCi/g)	Qualifier(s)	Uncertainty (+/- pCi/g)	MDC (pCi/g)	Agricultural 10^{-6} PRG (pCi/g)	Agricultural 10^{-4} PRG (pCi/g)
Lang Ranch Surface Samples (Chatsworth Formation)							
LR-1-SUR	Thorium-231	7.48E-02		3.63E-02	2.49E-02	3.31E+03	3.31E+05
LR-2-SUR	Thorium-231	7.51E-02		3.43E-02	3.94E-02	3.31E+03	3.31E+05
LR-3-SUR	Thorium-231	2.83E-02	U	3.23E-02	3.85E-02	3.31E+03	3.31E+05
LR-4-SUR	Thorium-231	8.69E-02		3.64E-02	2.09E-02	3.31E+03	3.31E+05
LR-5-SUR	Thorium-231	7.33E-02		2.91E-02	2.60E-02	3.31E+03	3.31E+05
LR-6-SUR	Thorium-231	8.42E-02		3.46E-02	1.94E-02	3.31E+03	3.31E+05
LR-7-SUR	Thorium-231	7.19E-02		5.11E-02	3.67E-02	3.31E+03	3.31E+05
LR-8-SUR	Thorium-231	6.64E-02		3.31E-02	2.34E-02	3.31E+03	3.31E+05
LR-9-SUR	Thorium-231	4.35E-02		2.78E-02	2.61E-02	3.31E+03	3.31E+05
LR-10-SUR	Thorium-231	6.63E-02		4.72E-02	3.53E-02	3.31E+03	3.31E+05
LR-11-SUR	Thorium-231	3.79E-02	U	3.76E-02	3.86E-02	3.31E+03	3.31E+05
LR-12-SUR	Thorium-231	4.38E-02		3.36E-02	3.49E-02	3.31E+03	3.31E+05
LR-13-SUR	Thorium-231	2.99E-02		2.23E-02	3.76E-02	3.31E+03	3.31E+05
LR-14-SUR	Thorium-231	3.74E-02		3.05E-02	2.55E-02	3.31E+03	3.31E+05
LR-15-SUR	Thorium-231	3.82E-02		3.40E-02	3.12E-02	3.31E+03	3.31E+05
LR-16-SUR	Thorium-231	4.13E-02		2.17E-02	1.65E-02	3.31E+03	3.31E+05
LR-17-SUR	Thorium-231	8.26E-02		5.05E-02	3.06E-02	3.31E+03	3.31E+05
LR-18-SUR	Thorium-231	7.88E-02		5.04E-02	3.22E-02	3.31E+03	3.31E+05
LR-19-SUR	Thorium-231	5.42E-02		3.64E-02	2.53E-02	3.31E+03	3.31E+05
LR-20-SUR	Thorium-231	3.18E-02		2.81E-02	3.79E-02	3.31E+03	3.31E+05
LR-21-SUR	Thorium-231	3.41E-02		2.77E-02	2.38E-02	3.31E+03	3.31E+05
LR-22-SUR	Thorium-231	7.35E-02		2.98E-02	2.74E-02	3.31E+03	3.31E+05
LR-23-SUR	Thorium-231	6.59E-02		2.93E-02	2.97E-02	3.31E+03	3.31E+05
LR-24-SUR	Thorium-231	6.52E-02		3.63E-02	2.89E-02	3.31E+03	3.31E+05
LR-25-SUR	Thorium-231	4.28E-02		2.86E-02	2.97E-02	3.31E+03	3.31E+05
LR-26-SUR	Thorium-231	4.23E-02		3.18E-02	3.71E-02	3.31E+03	3.31E+05
LR-27-SUR	Thorium-231	6.15E-02		3.67E-02	3.71E-02	3.31E+03	3.31E+05
Lang Ranch Subsurface Samples (Chatsworth Formation)							
LR-3-SUB	Thorium-231	8.31E-02		4.53E-02	2.67E-02	3.31E+03	3.31E+05
LR-4-SUB	Thorium-231	4.14E-02		2.28E-02	2.86E-02	3.31E+03	3.31E+05
LR-9-SUB	Thorium-231	5.15E-02		3.28E-02	2.32E-02	3.31E+03	3.31E+05
LR-13-SUB	Thorium-231	6.84E-02		3.77E-02	2.26E-02	3.31E+03	3.31E+05
LR-15-SUB	Thorium-231	6.19E-02		3.55E-02	2.23E-02	3.31E+03	3.31E+05
LR-18-SUB	Thorium-231	3.33E-02		2.64E-02	2.36E-02	3.31E+03	3.31E+05
LR-19-SUB	Thorium-231	4.14E-02		3.37E-02	3.10E-02	3.31E+03	3.31E+05
LR-23-SUB	Thorium-231	1.20E-01		5.40E-02	3.71E-02	3.31E+03	3.31E+05
LR-24-SUB	Thorium-231	7.98E-02		3.04E-02	2.60E-02	3.31E+03	3.31E+05
LR-26-SUB	Thorium-231	5.77E-02		3.52E-02	2.36E-02	3.31E+03	3.31E+05
Rocky Peak Surface Samples (Chatsworth Formation)							
RP-1-SUR	Thorium-231	7.65E-02		4.32E-02	2.47E-02	3.31E+03	3.31E+05
RP-2-SUR	Thorium-231	2.30E-02	U	2.28E-02	2.42E-02	3.31E+03	3.31E+05
RP-3-SUR	Thorium-231	4.34E-02		3.18E-02	3.61E-02	3.31E+03	3.31E+05
RP-4-SUR	Thorium-231	6.24E-02		3.99E-02	2.62E-02	3.31E+03	3.31E+05
RP-5-SUR	Thorium-231	9.20E-02		5.20E-02	2.97E-02	3.31E+03	3.31E+05
RP-6-SUR	Thorium-231	6.29E-02		3.84E-02	2.40E-02	3.31E+03	3.31E+05
RP-7-SUR	Thorium-231	6.33E-02		2.95E-02	2.82E-02	3.31E+03	3.31E+05
RP-8-SUR	Thorium-231	2.99E-02		1.90E-02	1.61E-02	3.31E+03	3.31E+05
RP-9-SUR	Thorium-231	2.40E-02		2.22E-02	2.88E-02	3.31E+03	3.31E+05
RP-10-SUR	Thorium-231	3.00E-02		2.44E-02	2.10E-02	3.31E+03	3.31E+05
RP-11-SUR	Thorium-231	4.59E-02		2.63E-02	3.36E-02	3.31E+03	3.31E+05
RP-12-SUR	Thorium-231	5.90E-02		4.47E-02	3.54E-02	3.31E+03	3.31E+05
RP-13-SUR	Thorium-231	6.88E-02		3.26E-02	1.95E-02	3.31E+03	3.31E+05
RP-14-SUR	Thorium-231	5.36E-02		3.80E-02	2.81E-02	3.31E+03	3.31E+05
RP-15-SUR	Thorium-231	5.28E-02		3.41E-02	3.06E-02	3.31E+03	3.31E+05
RP-16-SUR	Thorium-231	6.72E-02		2.81E-02	1.45E-02	3.31E+03	3.31E+05
RP-17-SUR	Thorium-231	4.29E-02		3.25E-02	2.57E-02	3.31E+03	3.31E+05
RP-18-SUR	Thorium-231	4.48E-02		3.39E-02	2.69E-02	3.31E+03	3.31E+05
RP-19-SUR	Thorium-231	9.95E-02		4.51E-02	2.13E-02	3.31E+03	3.31E+05
RP-20-SUR	Thorium-231	7.06E-02		3.73E-02	2.12E-02	3.31E+03	3.31E+05
RP-21-SUR	Thorium-231	5.56E-02		3.49E-02	3.71E-02	3.31E+03	3.31E+05

Table 46 - Thorium-231 Analytical Results

Sample ID	Analyte	Result (pCi/g)	Qualifier(s)	Uncertainty (+/- pCi/g)	MDC (pCi/g)	Agricultural 10^{-6} PRG (pCi/g)	Agricultural 10^{-4} PRG (pCi/g)
RP-22-SUR	Thorium-231	1.03E-01		5.62E-02	3.30E-02	3.31E+03	3.31E+05
RP-23-SUR	Thorium-231	3.56E-02		2.27E-02	1.92E-02	3.31E+03	3.31E+05
RP-24-SUR	Thorium-231	6.55E-02		3.79E-02	3.70E-02	3.31E+03	3.31E+05
RP-25-SUR	Thorium-231	5.07E-02		3.35E-02	3.73E-02	3.31E+03	3.31E+05
RP-26-SUR	Thorium-231	4.67E-02		2.85E-02	1.91E-02	3.31E+03	3.31E+05
RP-27-SUR	Thorium-231	2.04E-02	U	2.05E-02	3.82E-02	3.31E+03	3.31E+05
RP-28-SUR	Thorium-231	1.05E-01		5.54E-02	3.14E-02	3.31E+03	3.31E+05
Rocky Peak Subsurface Samples (Chatsworth Formation)							
RP-1-SUB	Thorium-231	6.49E-02		3.91E-02	3.98E-02	3.31E+03	3.31E+05
RP-5-SUB	Thorium-231	4.96E-02		3.17E-02	2.23E-02	3.31E+03	3.31E+05
RP-7-SUB	Thorium-231	6.10E-02		3.32E-02	2.35E-02	3.31E+03	3.31E+05
RP-12-SUB	Thorium-231	7.98E-02		3.32E-02	3.13E-02	3.31E+03	3.31E+05
RP-13-SUB	Thorium-231	3.84E-02		2.91E-02	2.47E-02	3.31E+03	3.31E+05
RP-17-SUB	Thorium-231	7.45E-02		3.30E-02	2.05E-02	3.31E+03	3.31E+05
RP-18-SUB	Thorium-231	5.79E-02		3.20E-02	3.23E-02	3.31E+03	3.31E+05
RP-19-SUB	Thorium-231	3.15E-02		2.51E-02	2.42E-02	3.31E+03	3.31E+05
RP-20-SUB	Thorium-231	5.31E-02		3.17E-02	3.44E-02	3.31E+03	3.31E+05
RP-28-SUB	Thorium-231	9.88E-02		4.66E-02	2.48E-02	3.31E+03	3.31E+05
Bridle Path Surface Samples (Santa Susana Formation)							
BP-1-SUR	Thorium-231	1.05E-01		4.86E-02	2.71E-02	3.31E+03	3.31E+05
BP-2-SUR	Thorium-231	6.39E-02		3.00E-02	3.24E-02	3.31E+03	3.31E+05
BP-3-SUR	Thorium-231	7.01E-02		3.31E-02	1.90E-02	3.31E+03	3.31E+05
BP-4-SUR	Thorium-231	6.62E-02		3.43E-02	2.20E-02	3.31E+03	3.31E+05
BP-5-SUR	Thorium-231	6.86E-02		3.06E-02	3.12E-02	3.31E+03	3.31E+05
BP-6-SUR	Thorium-231	7.71E-02		3.62E-02	3.09E-02	3.31E+03	3.31E+05
BP-7-SUR	Thorium-231	9.48E-02		3.96E-02	3.18E-02	3.31E+03	3.31E+05
BP-8-SUR	Thorium-231	6.89E-02		3.34E-02	1.98E-02	3.31E+03	3.31E+05
BP-9-SUR	Thorium-231	1.01E-01		4.48E-02	3.85E-02	3.31E+03	3.31E+05
BP-10-SUR	Thorium-231	7.95E-02		4.46E-02	3.12E-02	3.31E+03	3.31E+05
BP-11-SUR	Thorium-231	3.38E-02		2.52E-02	3.60E-02	3.31E+03	3.31E+05
BP-12-SUR	Thorium-231	4.88E-02		2.97E-02	2.29E-02	3.31E+03	3.31E+05
BP-13-SUR	Thorium-231	4.71E-02		2.96E-02	3.43E-02	3.31E+03	3.31E+05
BP-14-SUR	Thorium-231	4.78E-02		2.79E-02	2.39E-02	3.31E+03	3.31E+05
BP-15-SUR	Thorium-231	9.82E-02		4.18E-02	2.11E-02	3.31E+03	3.31E+05
BP-16-SUR	Thorium-231	8.59E-02		3.82E-02	2.37E-02	3.31E+03	3.31E+05
BP-17-SUR	Thorium-231	5.72E-02		4.11E-02	3.79E-02	3.31E+03	3.31E+05
BP-18-SUR	Thorium-231	1.04E-01		4.49E-02	3.77E-02	3.31E+03	3.31E+05
BP-19-SUR	Thorium-231	6.36E-02		3.76E-02	2.60E-02	3.31E+03	3.31E+05
BP-20-SUR	Thorium-231	4.51E-02		2.75E-02	2.46E-02	3.31E+03	3.31E+05
BP-21-SUR	Thorium-231	8.59E-02		3.58E-02	3.39E-02	3.31E+03	3.31E+05
BP-22-SUR	Thorium-231	5.74E-02		3.22E-02	3.07E-02	3.31E+03	3.31E+05
BP-23-SUR	Thorium-231	8.79E-02		4.11E-02	3.46E-02	3.31E+03	3.31E+05
BP-24-SUR	Thorium-231	7.64E-02		4.16E-02	2.62E-02	3.31E+03	3.31E+05
BP-25-SUR	Thorium-231	6.48E-02		3.41E-02	2.59E-02	3.31E+03	3.31E+05
BP-26-SUR	Thorium-231	5.04E-02		2.83E-02	2.32E-02	3.31E+03	3.31E+05
BP-27-SUR	Thorium-231	6.35E-02		3.61E-02	2.39E-02	3.31E+03	3.31E+05
BP-28-SUR	Thorium-231	7.72E-02		3.84E-02	2.18E-02	3.31E+03	3.31E+05
BP-29-SUR	Thorium-231	6.88E-02		4.03E-02	3.44E-02	3.31E+03	3.31E+05
BP-30-SUR	Thorium-231	7.67E-02		3.74E-02	2.59E-02	3.31E+03	3.31E+05
BP-31-SUR	Thorium-231	6.42E-02		3.45E-02	3.36E-02	3.31E+03	3.31E+05
BP-32-SUR	Thorium-231	4.35E-02		3.54E-02	3.48E-02	3.31E+03	3.31E+05
BP-33-SUR	Thorium-231	7.08E-02		3.60E-02	2.61E-02	3.31E+03	3.31E+05
BP-34-SUR	Thorium-231	5.20E-02		2.94E-02	2.43E-02	3.31E+03	3.31E+05
BP-35-SUR	Thorium-231	6.94E-02		3.44E-02	2.43E-02	3.31E+03	3.31E+05
BP-36-SUR	Thorium-231	6.57E-02		2.78E-02	2.68E-02	3.31E+03	3.31E+05
BP-37-SUR	Thorium-231	9.09E-02		5.64E-02	3.76E-02	3.31E+03	3.31E+05
BP-38-SUR	Thorium-231	5.83E-02		2.73E-02	1.81E-02	3.31E+03	3.31E+05
BP-39-SUR	Thorium-231	9.21E-02		5.20E-02	3.12E-02	3.31E+03	3.31E+05
BP-40-SUR	Thorium-231	8.77E-02		5.13E-02	3.21E-02	3.31E+03	3.31E+05
BP-41-SUR	Thorium-231	6.96E-02		3.79E-02	2.98E-02	3.31E+03	3.31E+05
BP-42-SUR	Thorium-231	8.85E-02		4.37E-02	3.25E-02	3.31E+03	3.31E+05

Table 46 - Thorium-231 Analytical Results

Sample ID	Analyte	Result (pCi/g)	Qualifier(s)	Uncertainty (+/- pCi/g)	MDC (pCi/g)	Agricultural 10^{-6} PRG (pCi/g)	Agricultural 10^{-4} PRG (pCi/g)
BP-43-SUR	Thorium-231	7.95E-02		4.35E-02	3.90E-02	3.31E+03	3.31E+05
BP-44-SUR	Thorium-231	9.29E-02		4.51E-02	2.27E-02	3.31E+03	3.31E+05
BP-45-SUR	Thorium-231	6.75E-02		3.98E-02	3.85E-02	3.31E+03	3.31E+05
BP-46-SUR	Thorium-231	4.79E-02		3.40E-02	2.87E-02	3.31E+03	3.31E+05
BP-47-SUR	Thorium-231	8.01E-02		3.42E-02	2.01E-02	3.31E+03	3.31E+05
BP-48-SUR	Thorium-231	5.55E-02		3.13E-02	2.56E-02	3.31E+03	3.31E+05
BP-49-SUR	Thorium-231	6.62E-02		4.70E-02	3.97E-02	3.31E+03	3.31E+05
BP-50-SUR	Thorium-231	4.68E-02		2.68E-02	2.80E-02	3.31E+03	3.31E+05
BP-51-SUR	Thorium-231	7.33E-02		4.13E-02	2.71E-02	3.31E+03	3.31E+05
BP-52-SUR	Thorium-231	5.14E-02		2.87E-02	3.65E-02	3.31E+03	3.31E+05
BP-53-SUR	Thorium-231	4.72E-02		3.16E-02	2.52E-02	3.31E+03	3.31E+05
BP-54-SUR	Thorium-231	3.89E-02		2.30E-02	2.93E-02	3.31E+03	3.31E+05
Bridle Path Subsurface Samples (Santa Susana Formation)							
BP-3-SUB	Thorium-231	6.94E-02		3.60E-02	3.93E-02	3.31E+03	3.31E+05
BP-4-SUB	Thorium-231	6.58E-02		3.76E-02	2.69E-02	3.31E+03	3.31E+05
BP-5-SUB	Thorium-231	4.85E-02		2.87E-02	2.50E-02	3.31E+03	3.31E+05
BP-9-SUB	Thorium-231	4.46E-02		2.96E-02	3.83E-02	3.31E+03	3.31E+05
BP-12-SUB	Thorium-231	7.44E-02		4.32E-02	3.14E-02	3.31E+03	3.31E+05
BP-13-SUB	Thorium-231	6.52E-02		3.67E-02	3.01E-02	3.31E+03	3.31E+05
BP-14-SUB	Thorium-231	5.82E-02		3.40E-02	2.91E-02	3.31E+03	3.31E+05
BP-16-SUB	Thorium-231	9.53E-02		4.64E-02	3.20E-02	3.31E+03	3.31E+05
BP-20-SUB	Thorium-231	6.26E-02		4.44E-02	4.04E-02	3.31E+03	3.31E+05
BP-23-SUB	Thorium-231	6.61E-02		3.48E-02	2.64E-02	3.31E+03	3.31E+05
BP-29-SUB	Thorium-231	7.47E-02		4.21E-02	2.96E-02	3.31E+03	3.31E+05
BP-34-SUB	Thorium-231	6.71E-02		4.28E-02	3.46E-02	3.31E+03	3.31E+05
BP-35-SUB	Thorium-231	8.38E-02		3.47E-02	3.26E-02	3.31E+03	3.31E+05
BP-38-SUB	Thorium-231	9.53E-02		4.07E-02	3.10E-02	3.31E+03	3.31E+05
BP-43-SUB	Thorium-231	9.20E-02		4.46E-02	2.68E-02	3.31E+03	3.31E+05
BP-45-SUB	Thorium-231	6.08E-02		3.71E-02	2.90E-02	3.31E+03	3.31E+05
BP-46-SUB	Thorium-231	3.77E-02		2.39E-02	3.03E-02	3.31E+03	3.31E+05
BP-48-SUB	Thorium-231	6.33E-02		3.57E-02	2.56E-02	3.31E+03	3.31E+05
BP-50-SUB	Thorium-231	6.19E-02		3.36E-02	3.66E-02	3.31E+03	3.31E+05
BP-51-SUB	Thorium-231	5.70E-02		3.35E-02	3.93E-02	3.31E+03	3.31E+05

Notes:

pCi/g - Picocuries per gram of dry soil. Analyses for H-3, C-14, Tc-99, and I-129 are reported in units of pCi per gram of "as-received" soil.

MDC - Minimum Detectable Concentration

PRG - Preliminary Remediation Goal

Uncertainty - Reported at the 1.96σ Confidence Interval. Gamma Spec. Reported at the 2σ Confidence Interval.

Data Qualifiers:

B - Analyte present, but not detected substantially above the level reported in laboratory or field blanks.

J - The analyte was detected at the reported concentration: the quantitation is an estimate.

K - Analyte present. Reported value may be biased high. Actual value is expected to be lower.

L - Analyte present. Reported value may be biased low. Actual value is expected to be higher.

R - The result is rejected due to serious deficiences in the ability to analyze the sample and meet the Quality Control criteria.

U - Not considered detected. The associated number is the reported concentration.

UJ - Not considered detected. The associated number is the reported concentration which may be inaccurate.

UL - Not considered detected. The associated number is the reported concentration which may be inaccurate due to a low bias.

X - Excluded. The data point is associated with reanalyses or diluted analyses and is excluded because another result has been selecetd as the definitive result for the analyte

These results are qualified based on the usability of the data for its intended purpose, which is to develop a statistical profile against which to compare individual on-site sample results, to determine the extent of potential site contamination that may be attributable to site activities.

Table 47 - Thorium-232 Analytical Results

Sample ID	Analyte	Result (pCi/g)	Qualifier(s)	Uncertainty (+/- pCi/g)	MDC (pCi/g)	Agricultural 10^{-6} PRG (pCi/g)	Agricultural 10^{-4} PRG (pCi/g)
Lang Ranch Surface Samples (Chatsworth Formation)							
LR-1-SUR	Thorium-232	1.43E+00		3.42E-01	7.69E-02	9.42E-03	9.42E-01
LR-2-SUR	Thorium-232	1.18E+00		2.26E-01	2.60E-02	9.42E-03	9.42E-01
LR-3-SUR	Thorium-232	1.48E+00	K	4.14E-01	1.14E-01	9.42E-03	9.42E-01
LR-4-SUR	Thorium-232	1.53E+00		2.89E-01	1.67E-02	9.42E-03	9.42E-01
LR-5-SUR	Thorium-232	1.46E+00		3.00E-01	2.95E-02	9.42E-03	9.42E-01
LR-6-SUR	Thorium-232	1.36E+00		2.78E-01	3.32E-02	9.42E-03	9.42E-01
LR-7-SUR	Thorium-232	1.30E+00		2.35E-01	1.49E-02	9.42E-03	9.42E-01
LR-8-SUR	Thorium-232	1.24E+00		3.07E-01	1.10E-01	9.42E-03	9.42E-01
LR-9-SUR	Thorium-232	1.56E+00		3.03E-01	1.62E-02	9.42E-03	9.42E-01
LR-10-SUR	Thorium-232	1.36E+00		2.59E-01	1.98E-02	9.42E-03	9.42E-01
LR-11-SUR	Thorium-232	8.66E-01		1.62E-01	8.17E-03	9.42E-03	9.42E-01
LR-12-SUR	Thorium-232	1.22E+00		2.31E-01	2.36E-02	9.42E-03	9.42E-01
LR-13-SUR	Thorium-232	1.18E+00		2.34E-01	2.36E-02	9.42E-03	9.42E-01
LR-14-SUR	Thorium-232	1.14E+00		2.25E-01	1.31E-02	9.42E-03	9.42E-01
LR-15-SUR	Thorium-232	1.10E+00		2.42E-01	5.97E-02	9.42E-03	9.42E-01
LR-16-SUR	Thorium-232	1.52E+00		2.76E-01	2.03E-02	9.42E-03	9.42E-01
LR-17-SUR	Thorium-232	1.42E+00		2.77E-01	1.51E-02	9.42E-03	9.42E-01
LR-18-SUR	Thorium-232	1.61E+00		3.18E-01	3.07E-02	9.42E-03	9.42E-01
LR-19-SUR	Thorium-232	1.38E+00		2.76E-01	2.36E-02	9.42E-03	9.42E-01
LR-20-SUR	Thorium-232	1.37E+00		2.50E-01	9.16E-03	9.42E-03	9.42E-01
LR-21-SUR	Thorium-232	1.32E+00		2.72E-01	5.75E-02	9.42E-03	9.42E-01
LR-22-SUR	Thorium-232	1.41E+00		3.03E-01	2.83E-02	9.42E-03	9.42E-01
LR-23-SUR	Thorium-232	1.70E+00		3.37E-01	3.39E-02	9.42E-03	9.42E-01
LR-24-SUR	Thorium-232	1.37E+00		2.65E-01	2.21E-02	9.42E-03	9.42E-01
LR-25-SUR	Thorium-232	1.28E+00		2.50E-01	1.41E-02	9.42E-03	9.42E-01
LR-26-SUR	Thorium-232	1.22E+00		2.42E-01	1.47E-02	9.42E-03	9.42E-01
LR-27-SUR	Thorium-232	1.35E+00		2.42E-01	1.13E-02	9.42E-03	9.42E-01
Lang Ranch Subsurface Samples (Chatsworth Formation)							
LR-3-SUB	Thorium-232	1.73E+00		3.16E-01	1.15E-02	9.42E-03	9.42E-01
LR-4-SUB	Thorium-232	1.46E+00		2.59E-01	6.02E-03	9.42E-03	9.42E-01
LR-9-SUB	Thorium-232	1.54E+00		2.82E-01	1.09E-02	9.42E-03	9.42E-01
LR-13-SUB	Thorium-232	1.56E+00		3.03E-01	3.33E-02	9.42E-03	9.42E-01
LR-15-SUB	Thorium-232	1.28E+00		2.63E-01	5.60E-02	9.42E-03	9.42E-01
LR-18-SUB	Thorium-232	1.30E+00		2.45E-01	1.78E-02	9.42E-03	9.42E-01
LR-19-SUB	Thorium-232	1.53E+00		2.90E-01	1.65E-02	9.42E-03	9.42E-01
LR-23-SUB	Thorium-232	1.36E+00		2.45E-01	1.31E-02	9.42E-03	9.42E-01
LR-24-SUB	Thorium-232	1.89E+00		3.97E-01	9.20E-02	9.42E-03	9.42E-01
LR-26-SUB	Thorium-232	1.81E+00		3.25E-01	1.69E-02	9.42E-03	9.42E-01
Rocky Peak Surface Samples (Chatsworth Formation)							
RP-1-SUR	Thorium-232	1.09E+00		2.13E-01	1.72E-02	9.42E-03	9.42E-01
RP-2-SUR	Thorium-232	9.45E-01		1.90E-01	1.15E-02	9.42E-03	9.42E-01
RP-3-SUR	Thorium-232	9.90E-01		1.98E-01	1.17E-02	9.42E-03	9.42E-01
RP-4-SUR	Thorium-232	1.58E+00		3.12E-01	2.58E-02	9.42E-03	9.42E-01
RP-5-SUR	Thorium-232	1.48E+00		2.96E-01	1.75E-02	9.42E-03	9.42E-01
RP-6-SUR	Thorium-232	1.78E+00		3.15E-01	6.79E-03	9.42E-03	9.42E-01
RP-7-SUR	Thorium-232	1.75E+00		3.40E-01	1.63E-02	9.42E-03	9.42E-01
RP-8-SUR	Thorium-232	8.79E-01		1.74E-01	1.47E-02	9.42E-03	9.42E-01
RP-9-SUR	Thorium-232	8.97E-01		1.79E-01	1.63E-02	9.42E-03	9.42E-01
RP-10-SUR	Thorium-232	1.03E+00		2.06E-01	1.89E-02	9.42E-03	9.42E-01
RP-11-SUR	Thorium-232	1.04E+00		2.10E-01	1.32E-02	9.42E-03	9.42E-01
RP-12-SUR	Thorium-232	1.51E+00		2.91E-01	2.02E-02	9.42E-03	9.42E-01
RP-13-SUR	Thorium-232	1.44E+00		2.81E-01	1.36E-02	9.42E-03	9.42E-01
RP-14-SUR	Thorium-232	1.50E+00		2.98E-01	1.71E-02	9.42E-03	9.42E-01
RP-15-SUR	Thorium-232	1.69E+00		3.03E-01	8.22E-03	9.42E-03	9.42E-01
RP-16-SUR	Thorium-232	1.72E+00		3.10E-01	1.35E-02	9.42E-03	9.42E-01
RP-17-SUR	Thorium-232	8.62E-01		1.72E-01	1.56E-02	9.42E-03	9.42E-01
RP-18-SUR	Thorium-232	1.40E+00		2.73E-01	2.12E-02	9.42E-03	9.42E-01
RP-19-SUR	Thorium-232	2.05E+00		3.76E-01	1.50E-02	9.42E-03	9.42E-01
RP-20-SUR	Thorium-232	1.50E+00		2.76E-01	1.68E-02	9.42E-03	9.42E-01
RP-21-SUR	Thorium-232	1.81E+00		3.29E-01	2.92E-02	9.42E-03	9.42E-01

Table 47 - Thorium-232 Analytical Results

Sample ID	Analyte	Result (pCi/g)	Qualifier(s)	Uncertainty (+/- pCi/g)	MDC (pCi/g)	Agricultural 10^{-6} PRG (pCi/g)	Agricultural 10^{-4} PRG (pCi/g)
RP-22-SUR	Thorium-232	1.63E+00		3.00E-01	9.62E-03	9.42E-03	9.42E-01
RP-23-SUR	Thorium-232	9.14E-01		1.75E-01	8.38E-03	9.42E-03	9.42E-01
RP-24-SUR	Thorium-232	1.01E+00		1.85E-01	1.35E-02	9.42E-03	9.42E-01
RP-25-SUR	Thorium-232	1.03E+00		1.97E-01	1.75E-02	9.42E-03	9.42E-01
RP-26-SUR	Thorium-232	1.67E+00		3.17E-01	1.38E-02	9.42E-03	9.42E-01
RP-27-SUR	Thorium-232	1.08E+00		2.07E-01	9.54E-03	9.42E-03	9.42E-01
RP-28-SUR	Thorium-232	1.89E+00		3.43E-01	2.09E-02	9.42E-03	9.42E-01
Rocky Peak Subsurface Samples (Chatsworth Formation)							
RP-1-SUB	Thorium-232	1.86E+00		3.35E-01	1.60E-02	9.42E-03	9.42E-01
RP-5-SUB	Thorium-232	1.71E+00		3.26E-01	4.20E-02	9.42E-03	9.42E-01
RP-7-SUB	Thorium-232	1.83E+00		3.27E-01	1.68E-02	9.42E-03	9.42E-01
RP-12-SUB	Thorium-232	1.85E+00		3.43E-01	1.17E-02	9.42E-03	9.42E-01
RP-13-SUB	Thorium-232	1.03E+00		1.89E-01	1.95E-02	9.42E-03	9.42E-01
RP-17-SUB	Thorium-232	1.25E+00		2.31E-01	1.82E-02	9.42E-03	9.42E-01
RP-18-SUB	Thorium-232	1.15E+00		2.25E-01	3.15E-02	9.42E-03	9.42E-01
RP-19-SUB	Thorium-232	1.06E+00		2.04E-01	3.15E-02	9.42E-03	9.42E-01
RP-20-SUB	Thorium-232	1.24E+00		2.32E-01	1.21E-02	9.42E-03	9.42E-01
RP-28-SUB	Thorium-232	1.22E+00		2.33E-01	1.50E-02	9.42E-03	9.42E-01
Bridle Path Surface Samples (Santa Susana Formation)							
BP-1-SUR	Thorium-232	1.95E+00		3.44E-01	6.47E-03	9.42E-03	9.42E-01
BP-2-SUR	Thorium-232	2.12E+00		3.75E-01	7.08E-03	9.42E-03	9.42E-01
BP-3-SUR	Thorium-232	2.19E+00		3.85E-01	1.46E-02	9.42E-03	9.42E-01
BP-4-SUR	Thorium-232	1.84E+00		3.29E-01	1.50E-02	9.42E-03	9.42E-01
BP-5-SUR	Thorium-232	1.95E+00		3.45E-01	7.29E-03	9.42E-03	9.42E-01
BP-6-SUR	Thorium-232	2.19E+00		3.87E-01	7.84E-03	9.42E-03	9.42E-01
BP-7-SUR	Thorium-232	2.46E+00		4.31E-01	6.70E-03	9.42E-03	9.42E-01
BP-8-SUR	Thorium-232	2.17E+00		3.85E-01	9.26E-03	9.42E-03	9.42E-01
BP-9-SUR	Thorium-232	2.23E+00		3.95E-01	8.47E-03	9.42E-03	9.42E-01
BP-10-SUR	Thorium-232	2.19E+00		3.88E-01	8.14E-03	9.42E-03	9.42E-01
BP-11-SUR	Thorium-232	2.03E+00		3.59E-01	7.06E-03	9.42E-03	9.42E-01
BP-12-SUR	Thorium-232	2.14E+00		3.80E-01	8.91E-03	9.42E-03	9.42E-01
BP-13-SUR	Thorium-232	2.12E+00		3.73E-01	6.33E-03	9.42E-03	9.42E-01
BP-14-SUR	Thorium-232	1.69E+00		3.03E-01	1.83E-02	9.42E-03	9.42E-01
BP-15-SUR	Thorium-232	1.84E+00		3.28E-01	7.76E-03	9.42E-03	9.42E-01
BP-16-SUR	Thorium-232	1.55E+00		2.76E-01	6.43E-03	9.42E-03	9.42E-01
BP-17-SUR	Thorium-232	1.83E+00		3.25E-01	7.18E-03	9.42E-03	9.42E-01
BP-18-SUR	Thorium-232	2.17E+00		3.86E-01	1.72E-02	9.42E-03	9.42E-01
BP-19-SUR	Thorium-232	2.20E+00		3.92E-01	9.88E-03	9.42E-03	9.42E-01
BP-20-SUR	Thorium-232	1.78E+00		3.14E-01	5.95E-03	9.42E-03	9.42E-01
BP-21-SUR	Thorium-232	1.99E+00		3.51E-01	1.25E-02	9.42E-03	9.42E-01
BP-22-SUR	Thorium-232	1.59E+00		2.82E-01	1.09E-02	9.42E-03	9.42E-01
BP-23-SUR	Thorium-232	1.84E+00		3.26E-01	1.54E-02	9.42E-03	9.42E-01
BP-24-SUR	Thorium-232	1.76E+00		3.14E-01	8.09E-03	9.42E-03	9.42E-01
BP-25-SUR	Thorium-232	1.80E+00		3.19E-01	7.10E-03	9.42E-03	9.42E-01
BP-26-SUR	Thorium-232	1.92E+00		3.40E-01	6.68E-03	9.42E-03	9.42E-01
BP-27-SUR	Thorium-232	1.84E+00		3.26E-01	6.96E-03	9.42E-03	9.42E-01
BP-28-SUR	Thorium-232	1.50E+00		2.66E-01	6.42E-03	9.42E-03	9.42E-01
BP-29-SUR	Thorium-232	1.50E+00		2.68E-01	6.98E-03	9.42E-03	9.42E-01
BP-30-SUR	Thorium-232	1.84E+00		3.26E-01	7.38E-03	9.42E-03	9.42E-01
BP-31-SUR	Thorium-232	1.63E+00		2.91E-01	7.78E-03	9.42E-03	9.42E-01
BP-32-SUR	Thorium-232	1.80E+00		3.22E-01	8.53E-03	9.42E-03	9.42E-01
BP-33-SUR	Thorium-232	1.72E+00		3.07E-01	7.42E-03	9.42E-03	9.42E-01
BP-34-SUR	Thorium-232	1.74E+00		3.08E-01	6.35E-03	9.42E-03	9.42E-01
BP-35-SUR	Thorium-232	1.92E+00		3.57E-01	1.71E-02	9.42E-03	9.42E-01
BP-36-SUR	Thorium-232	1.68E+00		3.03E-01	9.63E-03	9.42E-03	9.42E-01
BP-37-SUR	Thorium-232	2.16E+00		3.92E-01	2.49E-02	9.42E-03	9.42E-01
BP-38-SUR	Thorium-232	1.45E+00		2.68E-01	1.13E-02	9.42E-03	9.42E-01
BP-39-SUR	Thorium-232	1.41E+00		2.56E-01	8.85E-03	9.42E-03	9.42E-01
BP-40-SUR	Thorium-232	1.65E+00		3.02E-01	1.17E-02	9.42E-03	9.42E-01
BP-41-SUR	Thorium-232	1.59E+00		2.83E-01	6.68E-03	9.42E-03	9.42E-01
BP-42-SUR	Thorium-232	1.72E+00		3.10E-01	9.03E-03	9.42E-03	9.42E-01

Table 47 - Thorium-232 Analytical Results

Sample ID	Analyte	Result (pCi/g)	Qualifier(s)	Uncertainty (+/- pCi/g)	MDC (pCi/g)	Agricultural 10^{-6} PRG (pCi/g)	Agricultural 10^{-4} PRG (pCi/g)
BP-43-SUR	Thorium-232	1.68E+00		3.06E-01	1.08E-02	9.42E-03	9.42E-01
BP-44-SUR	Thorium-232	1.66E+00		3.06E-01	1.26E-02	9.42E-03	9.42E-01
BP-45-SUR	Thorium-232	1.60E+00		2.92E-01	1.13E-02	9.42E-03	9.42E-01
BP-46-SUR	Thorium-232	1.75E+00		3.24E-01	1.43E-02	9.42E-03	9.42E-01
BP-47-SUR	Thorium-232	1.57E+00		2.91E-01	1.31E-02	9.42E-03	9.42E-01
BP-48-SUR	Thorium-232	1.80E+00		3.23E-01	1.66E-02	9.42E-03	9.42E-01
BP-49-SUR	Thorium-232	1.75E+00		3.16E-01	1.76E-02	9.42E-03	9.42E-01
BP-50-SUR	Thorium-232	1.54E+00		2.91E-01	3.71E-02	9.42E-03	9.42E-01
BP-51-SUR	Thorium-232	1.68E+00		3.12E-01	1.52E-02	9.42E-03	9.42E-01
BP-52-SUR	Thorium-232	1.24E+00		2.30E-01	1.00E-02	9.42E-03	9.42E-01
BP-53-SUR	Thorium-232	1.34E+00		2.47E-01	1.03E-02	9.42E-03	9.42E-01
BP-54-SUR	Thorium-232	1.14E+00		2.13E-01	1.12E-02	9.42E-03	9.42E-01
Bridle Path Subsurface Samples (Santa Susana Formation)							
BP-3-SUB	Thorium-232	1.73E+00		3.12E-01	1.01E-02	9.42E-03	9.42E-01
BP-4-SUB	Thorium-232	1.47E+00		2.67E-01	9.42E-03	9.42E-03	9.42E-01
BP-5-SUB	Thorium-232	1.59E+00		2.85E-01	8.61E-03	9.42E-03	9.42E-01
BP-9-SUB	Thorium-232	2.81E+00		4.97E-01	9.85E-03	9.42E-03	9.42E-01
BP-12-SUB	Thorium-232	1.89E+00		3.42E-01	1.08E-02	9.42E-03	9.42E-01
BP-13-SUB	Thorium-232	2.36E+00		4.14E-01	7.25E-03	9.42E-03	9.42E-01
BP-14-SUB	Thorium-232	1.26E+00		2.34E-01	1.11E-02	9.42E-03	9.42E-01
BP-16-SUB	Thorium-232	2.52E+00		4.45E-01	9.32E-03	9.42E-03	9.42E-01
BP-20-SUB	Thorium-232	1.24E+00		2.28E-01	9.00E-03	9.42E-03	9.42E-01
BP-23-SUB	Thorium-232	1.61E+00		2.90E-01	8.52E-03	9.42E-03	9.42E-01
BP-29-SUB	Thorium-232	1.39E+00		2.53E-01	9.60E-03	9.42E-03	9.42E-01
BP-34-SUB	Thorium-232	2.87E+00		5.14E-01	1.37E-02	9.42E-03	9.42E-01
BP-35-SUB	Thorium-232	2.31E+00		4.10E-01	1.66E-02	9.42E-03	9.42E-01
BP-38-SUB	Thorium-232	1.43E+00		2.66E-01	2.99E-02	9.42E-03	9.42E-01
BP-43-SUB	Thorium-232	1.44E+00		2.60E-01	1.42E-02	9.42E-03	9.42E-01
BP-45-SUB	Thorium-232	1.98E+00		3.74E-01	2.09E-02	9.42E-03	9.42E-01
BP-46-SUB	Thorium-232	1.93E+00		3.43E-01	8.57E-03	9.42E-03	9.42E-01
BP-48-SUB	Thorium-232	1.56E+00		2.83E-01	9.96E-03	9.42E-03	9.42E-01
BP-50-SUB	Thorium-232	1.95E+00		3.47E-01	8.80E-03	9.42E-03	9.42E-01
BP-51-SUB	Thorium-232	3.04E+00		5.33E-01	8.33E-03	9.42E-03	9.42E-01

Notes:

pCi/g - Picocuries per gram of dry soil. Analyses for H-3, C-14, Tc-99, and I-129 are reported in units of pCi per gram of "as-received" soil.

MDC - Minimum Detectable Concentration

PRG - Preliminary Remediation Goal

Uncertainty - Reported at the 1.96σ Confidence Interval. Gamma Spec. Reported at the 2σ Confidence Interval.

Data Qualifiers:

B - Analyte present, but not detected substantially above the level reported in laboratory or field blanks.

J - The analyte was detected at the reported concentration: the quantitation is an estimate.

K - Analyte present. Reported value may be biased high. Actual value is expected to be lower.

L - Analyte present. Reported value may be biased low. Actual value is expected to be higher.

R - The result is rejected due to serious deficiences in the ability to analyze the sample and meet the Quality Control criteria.

U - Not considered detected. The associated number is the reported concentration.

UJ - Not considered detected. The associated number is the reported concentration which may be inaccurate.

UL - Not considered detected. The associated number is the reported concentration which may be inaccurate due to a low bias.

X - Excluded. The data point is associated with reanalyses or diluted analyses and is excluded because another result has been selecetd as the definitive result for the analyte

These results are qualified based on the usability of the data for its intended purpose, which is to develop a statistical profile against which to compare individual on-site sample results, to determine the extent of potential site contamination that may be attributable to site activities.

Table 48 - Uranium-233/234 Analytical Results

Sample ID	Analyte	Result (pCi/g)	Qualifier(s)	Uncertainty (+/- pCi/g)	MDC (pCi/g)	Agricultural 10^{-6} PRG (pCi/g)	Agricultural 10^{-4} PRG (pCi/g)
Lang Ranch Surface Samples (Chatsworth Formation)							
LR-1-SUR	U-233/234	1.05E+00		1.94E-01	4.01E-02	1.84E-03	1.84E-01
LR-2-SUR	U-233/234	9.47E-01		1.67E-01	3.39E-02	1.84E-03	1.84E-01
LR-3-SUR	U-233/234	1.30E+00		2.86E-01	7.11E-02	1.84E-03	1.84E-01
LR-4-SUR	U-233/234	1.14E+00		2.00E-01	4.38E-02	1.84E-03	1.84E-01
LR-5-SUR	U-233/234	1.06E+00		1.77E-01	3.54E-02	1.84E-03	1.84E-01
LR-6-SUR	U-233/234	1.04E+00		1.82E-01	2.65E-02	1.84E-03	1.84E-01
LR-7-SUR	U-233/234	1.19E+00		2.63E-01	6.10E-02	1.84E-03	1.84E-01
LR-8-SUR	U-233/234	1.11E+00		2.01E-01	4.92E-02	1.84E-03	1.84E-01
LR-9-SUR	U-233/234	1.17E+00		2.15E-01	5.81E-02	1.84E-03	1.84E-01
LR-10-SUR	U-233/234	1.09E+00		2.40E-01	6.06E-02	1.84E-03	1.84E-01
LR-11-SUR	U-233/234	1.21E+00		2.69E-01	5.33E-02	1.84E-03	1.84E-01
LR-12-SUR	U-233/234	1.02E+00		2.10E-01	4.43E-02	1.84E-03	1.84E-01
LR-13-SUR	U-233/234	9.37E-01		1.65E-01	4.20E-02	1.84E-03	1.84E-01
LR-14-SUR	U-233/234	8.33E-01		1.79E-01	4.16E-02	1.84E-03	1.84E-01
LR-15-SUR	U-233/234	1.10E+00		2.35E-01	4.73E-02	1.84E-03	1.84E-01
LR-16-SUR	U-233/234	1.03E+00		1.75E-01	3.23E-02	1.84E-03	1.84E-01
LR-17-SUR	U-233/234	1.00E+00		2.17E-01	5.66E-02	1.84E-03	1.84E-01
LR-18-SUR	U-233/234	1.05E+00		2.30E-01	5.58E-02	1.84E-03	1.84E-01
LR-19-SUR	U-233/234	1.04E+00		2.10E-01	3.08E-02	1.84E-03	1.84E-01
LR-20-SUR	U-233/234	9.81E-01		1.98E-01	3.69E-02	1.84E-03	1.84E-01
LR-21-SUR	U-233/234	1.11E+00		2.19E-01	4.80E-02	1.84E-03	1.84E-01
LR-22-SUR	U-233/234	1.25E+00		2.05E-01	1.19E-02	1.84E-03	1.84E-01
LR-23-SUR	U-233/234	9.92E-01		1.70E-01	2.28E-02	1.84E-03	1.84E-01
LR-24-SUR	U-233/234	1.01E+00		1.95E-01	4.06E-02	1.84E-03	1.84E-01
LR-25-SUR	U-233/234	9.44E-01		1.81E-01	3.29E-02	1.84E-03	1.84E-01
LR-26-SUR	U-233/234	1.21E+00		2.34E-01	3.61E-02	1.84E-03	1.84E-01
LR-27-SUR	U-233/234	1.03E+00		1.96E-01	3.30E-02	1.84E-03	1.84E-01
Lang Ranch Subsurface Samples (Chatsworth Formation)							
LR-3-SUB	U-233/234	1.27E+00		2.41E-01	4.95E-02	1.84E-03	1.84E-01
LR-4-SUB	U-233/234	1.22E+00		2.01E-01	2.82E-02	1.84E-03	1.84E-01
LR-9-SUB	U-233/234	9.49E-01		1.85E-01	4.53E-02	1.84E-03	1.84E-01
LR-13-SUB	U-233/234	1.27E+00		2.33E-01	3.94E-02	1.84E-03	1.84E-01
LR-15-SUB	U-233/234	9.59E-01		1.85E-01	3.58E-02	1.84E-03	1.84E-01
LR-18-SUB	U-233/234	9.81E-01		1.91E-01	2.96E-02	1.84E-03	1.84E-01
LR-19-SUB	U-233/234	1.07E+00		2.20E-01	4.99E-02	1.84E-03	1.84E-01
LR-23-SUB	U-233/234	1.23E+00		2.31E-01	4.56E-02	1.84E-03	1.84E-01
LR-24-SUB	U-233/234	1.71E+00		2.68E-01	2.36E-02	1.84E-03	1.84E-01
LR-26-SUB	U-233/234	1.13E+00		2.13E-01	2.96E-02	1.84E-03	1.84E-01
Rocky Peak Surface Samples (Chatsworth Formation)							
RP-1-SUR	U-233/234	6.51E-01		1.47E-01	4.12E-02	1.84E-03	1.84E-01
RP-2-SUR	U-233/234	6.41E-01		1.44E-01	3.74E-02	1.84E-03	1.84E-01
RP-3-SUR	U-233/234	5.70E-01		1.30E-01	3.60E-02	1.84E-03	1.84E-01
RP-4-SUR	U-233/234	1.05E+00		2.14E-01	4.96E-02	1.84E-03	1.84E-01
RP-5-SUR	U-233/234	1.23E+00		2.52E-01	5.27E-02	1.84E-03	1.84E-01
RP-6-SUR	U-233/234	1.21E+00		2.34E-01	4.01E-02	1.84E-03	1.84E-01
RP-7-SUR	U-233/234	1.13E+00		1.94E-01	3.78E-02	1.84E-03	1.84E-01
RP-8-SUR	U-233/234	5.99E-01		1.14E-01	2.14E-02	1.84E-03	1.84E-01
RP-9-SUR	U-233/234	6.34E-01		1.36E-01	5.19E-02	1.84E-03	1.84E-01
RP-10-SUR	U-233/234	6.14E-01		1.34E-01	3.57E-02	1.84E-03	1.84E-01
RP-11-SUR	U-233/234	7.62E-01		1.40E-01	3.73E-02	1.84E-03	1.84E-01
RP-12-SUR	U-233/234	9.90E-01		2.23E-01	4.97E-02	1.84E-03	1.84E-01
RP-13-SUR	U-233/234	1.01E+00		1.83E-01	3.05E-02	1.84E-03	1.84E-01
RP-14-SUR	U-233/234	1.27E+00		2.54E-01	3.95E-02	1.84E-03	1.84E-01
RP-15-SUR	U-233/234	1.04E+00		2.03E-01	3.93E-02	1.84E-03	1.84E-01
RP-16-SUR	U-233/234	1.13E+00		1.90E-01	2.74E-02	1.84E-03	1.84E-01
RP-17-SUR	U-233/234	7.15E-01		1.59E-01	4.87E-02	1.84E-03	1.84E-01
RP-18-SUR	U-233/234	1.29E+00		2.54E-01	4.76E-02	1.84E-03	1.84E-01
RP-19-SUR	U-233/234	1.34E+00		2.44E-01	3.71E-02	1.84E-03	1.84E-01
RP-20-SUR	U-233/234	1.13E+00		2.12E-01	3.41E-02	1.84E-03	1.84E-01
RP-21-SUR	U-233/234	1.36E+00		2.49E-01	3.75E-02	1.84E-03	1.84E-01

Table 48 - Uranium-233/234 Analytical Results

Sample ID	Analyte	Result (pCi/g)	Qualifier(s)	Uncertainty (+/- pCi/g)	MDC (pCi/g)	Agricultural 10^{-6} PRG (pCi/g)	Agricultural 10^{-4} PRG (pCi/g)
RP-22-SUR	U-233/234	1.26E+00		2.60E-01	6.54E-02	1.84E-03	1.84E-01
RP-23-SUR	U-233/234	6.97E-01		1.34E-01	3.00E-02	1.84E-03	1.84E-01
RP-24-SUR	U-233/234	6.30E-01		1.38E-01	5.22E-02	1.84E-03	1.84E-01
RP-25-SUR	U-233/234	6.85E-01		1.46E-01	4.67E-02	1.84E-03	1.84E-01
RP-26-SUR	U-233/234	1.02E+00		1.90E-01	3.39E-02	1.84E-03	1.84E-01
RP-27-SUR	U-233/234	8.06E-01		1.56E-01	3.62E-02	1.84E-03	1.84E-01
RP-28-SUR	U-233/234	1.06E+00		2.23E-01	4.56E-02	1.84E-03	1.84E-01
Rocky Peak Subsurface Samples (Chatsworth Formation)							
RP-1-SUB	U-233/234	1.30E+00		2.45E-01	3.54E-02	1.84E-03	1.84E-01
RP-5-SUB	U-233/234	1.34E+00		2.47E-01	3.25E-02	1.84E-03	1.84E-01
RP-7-SUB	U-233/234	1.40E+00		2.50E-01	4.09E-02	1.84E-03	1.84E-01
RP-12-SUB	U-233/234	1.21E+00		2.04E-01	2.69E-02	1.84E-03	1.84E-01
RP-13-SUB	U-233/234	8.38E-01		1.73E-01	4.30E-02	1.84E-03	1.84E-01
RP-17-SUB	U-233/234	8.07E-01		1.48E-01	3.29E-02	1.84E-03	1.84E-01
RP-18-SUB	U-233/234	9.24E-01		1.71E-01	2.48E-02	1.84E-03	1.84E-01
RP-19-SUB	U-233/234	8.70E-01		1.72E-01	4.01E-02	1.84E-03	1.84E-01
RP-20-SUB	U-233/234	7.00E-01		1.39E-01	3.08E-02	1.84E-03	1.84E-01
RP-28-SUB	U-233/234	8.97E-01		1.77E-01	3.18E-02	1.84E-03	1.84E-01
Bridle Path Surface Samples (Santa Susana Formation)							
BP-1-SUR	U-233/234	1.52E+00		2.73E-01	4.64E-02	1.84E-03	1.84E-01
BP-2-SUR	U-233/234	1.32E+00		2.19E-01	3.57E-02	1.84E-03	1.84E-01
BP-3-SUR	U-233/234	1.30E+00		2.22E-01	2.49E-02	1.84E-03	1.84E-01
BP-4-SUR	U-233/234	1.16E+00		2.09E-01	2.88E-02	1.84E-03	1.84E-01
BP-5-SUR	U-233/234	1.54E+00		2.50E-01	3.44E-02	1.84E-03	1.84E-01
BP-6-SUR	U-233/234	1.47E+00		2.49E-01	3.90E-02	1.84E-03	1.84E-01
BP-7-SUR	U-233/234	1.45E+00		2.44E-01	2.86E-02	1.84E-03	1.84E-01
BP-8-SUR	U-233/234	1.55E+00		2.61E-01	3.38E-02	1.84E-03	1.84E-01
BP-9-SUR	U-233/234	1.41E+00		2.46E-01	3.38E-02	1.84E-03	1.84E-01
BP-10-SUR	U-233/234	1.41E+00		2.64E-01	5.79E-02	1.84E-03	1.84E-01
BP-11-SUR	U-233/234	1.45E+00		2.49E-01	3.51E-02	1.84E-03	1.84E-01
BP-12-SUR	U-233/234	1.32E+00		2.34E-01	4.25E-02	1.84E-03	1.84E-01
BP-13-SUR	U-233/234	1.37E+00		2.39E-01	4.34E-02	1.84E-03	1.84E-01
BP-14-SUR	U-233/234	1.18E+00		2.09E-01	4.18E-02	1.84E-03	1.84E-01
BP-15-SUR	U-233/234	1.33E+00		2.32E-01	3.61E-02	1.84E-03	1.84E-01
BP-16-SUR	U-233/234	1.13E+00		2.01E-01	1.82E-02	1.84E-03	1.84E-01
BP-17-SUR	U-233/234	1.22E+00		2.47E-01	7.03E-02	1.84E-03	1.84E-01
BP-18-SUR	U-233/234	1.30E+00		2.30E-01	3.67E-02	1.84E-03	1.84E-01
BP-19-SUR	U-233/234	1.53E+00		2.76E-01	3.34E-02	1.84E-03	1.84E-01
BP-20-SUR	U-233/234	1.16E+00		2.07E-01	5.48E-02	1.84E-03	1.84E-01
BP-21-SUR	U-233/234	1.39E+00		2.31E-01	3.07E-02	1.84E-03	1.84E-01
BP-22-SUR	U-233/234	1.20E+00		2.14E-01	3.83E-02	1.84E-03	1.84E-01
BP-23-SUR	U-233/234	1.27E+00		2.25E-01	3.10E-02	1.84E-03	1.84E-01
BP-24-SUR	U-233/234	1.24E+00		2.33E-01	4.35E-02	1.84E-03	1.84E-01
BP-25-SUR	U-233/234	1.32E+00		2.32E-01	4.66E-02	1.84E-03	1.84E-01
BP-26-SUR	U-233/234	1.11E+00		1.97E-01	4.06E-02	1.84E-03	1.84E-01
BP-27-SUR	U-233/234	1.15E+00		2.14E-01	4.30E-02	1.84E-03	1.84E-01
BP-28-SUR	U-233/234	1.07E+00		1.98E-01	2.80E-02	1.84E-03	1.84E-01
BP-29-SUR	U-233/234	1.17E+00		2.25E-01	6.73E-02	1.84E-03	1.84E-01
BP-30-SUR	U-233/234	1.28E+00		2.28E-01	5.76E-02	1.84E-03	1.84E-01
BP-31-SUR	U-233/234	1.06E+00		1.92E-01	3.01E-02	1.84E-03	1.84E-01
BP-32-SUR	U-233/234	1.11E+00		2.29E-01	5.78E-02	1.84E-03	1.84E-01
BP-33-SUR	U-233/234	1.17E+00		2.11E-01	2.01E-02	1.84E-03	1.84E-01
BP-34-SUR	U-233/234	1.32E+00		2.30E-01	3.91E-02	1.84E-03	1.84E-01
BP-35-SUR	U-233/234	1.39E+00		2.40E-01	3.31E-02	1.84E-03	1.84E-01
BP-36-SUR	U-233/234	1.26E+00		2.04E-01	2.05E-02	1.84E-03	1.84E-01
BP-37-SUR	U-233/234	1.28E+00		2.67E-01	5.98E-02	1.84E-03	1.84E-01
BP-38-SUR	U-233/234	9.75E-01		1.69E-01	3.25E-02	1.84E-03	1.84E-01
BP-39-SUR	U-233/234	8.52E-01		1.86E-01	3.87E-02	1.84E-03	1.84E-01
BP-40-SUR	U-233/234	1.07E+00		2.23E-01	3.99E-02	1.84E-03	1.84E-01
BP-41-SUR	U-233/234	1.19E+00		2.20E-01	4.80E-02	1.84E-03	1.84E-01
BP-42-SUR	U-233/234	1.11E+00		2.09E-01	3.97E-02	1.84E-03	1.84E-01

Table 48 - Uranium-233/234 Analytical Results

Sample ID	Analyte	Result (pCi/g)	Qualifier(s)	Uncertainty (+/- pCi/g)	MDC (pCi/g)	Agricultural 10^{-6} PRG (pCi/g)	Agricultural 10^{-4} PRG (pCi/g)
BP-43-SUR	U-233/234	1.13E+00		2.15E-01	3.47E-02	1.84E-03	1.84E-01
BP-44-SUR	U-233/234	1.24E+00		2.30E-01	3.61E-02	1.84E-03	1.84E-01
BP-45-SUR	U-233/234	1.31E+00		2.43E-01	3.35E-02	1.84E-03	1.84E-01
BP-46-SUR	U-233/234	1.32E+00		2.51E-01	5.17E-02	1.84E-03	1.84E-01
BP-47-SUR	U-233/234	1.37E+00		2.31E-01	2.75E-02	1.84E-03	1.84E-01
BP-48-SUR	U-233/234	1.34E+00		2.35E-01	3.49E-02	1.84E-03	1.84E-01
BP-49-SUR	U-233/234	1.05E+00		2.29E-01	7.14E-02	1.84E-03	1.84E-01
BP-50-SUR	U-233/234	1.26E+00		2.15E-01	2.51E-02	1.84E-03	1.84E-01
BP-51-SUR	U-233/234	1.01E+00		1.99E-01	4.49E-02	1.84E-03	1.84E-01
BP-52-SUR	U-233/234	8.84E-01		1.59E-01	2.80E-02	1.84E-03	1.84E-01
BP-53-SUR	U-233/234	1.23E+00		2.29E-01	4.53E-02	1.84E-03	1.84E-01
BP-54-SUR	U-233/234	8.54E-01		1.52E-01	3.78E-02	1.84E-03	1.84E-01
Bridle Path Subsurface Samples (Santa Susana Formation)							
BP-3-SUB	U-233/234	1.05E+00		1.92E-01	5.62E-02	1.84E-03	1.84E-01
BP-4-SUB	U-233/234	1.12E+00		2.12E-01	4.61E-02	1.84E-03	1.84E-01
BP-5-SUB	U-233/234	9.58E-01		1.78E-01	4.02E-02	1.84E-03	1.84E-01
BP-9-SUB	U-233/234	1.33E+00		2.34E-01	3.44E-02	1.84E-03	1.84E-01
BP-12-SUB	U-233/234	1.35E+00		2.55E-01	5.84E-02	1.84E-03	1.84E-01
BP-13-SUB	U-233/234	1.16E+00		2.17E-01	5.26E-02	1.84E-03	1.84E-01
BP-14-SUB	U-233/234	1.01E+00		1.93E-01	6.47E-02	1.84E-03	1.84E-01
BP-16-SUB	U-233/234	1.37E+00		2.52E-01	5.16E-02	1.84E-03	1.84E-01
BP-20-SUB	U-233/234	9.72E-01		2.12E-01	6.90E-02	1.84E-03	1.84E-01
BP-23-SUB	U-233/234	1.08E+00		1.97E-01	2.03E-02	1.84E-03	1.84E-01
BP-29-SUB	U-233/234	9.43E-01		1.90E-01	5.07E-02	1.84E-03	1.84E-01
BP-34-SUB	U-233/234	1.57E+00		2.96E-01	4.54E-02	1.84E-03	1.84E-01
BP-35-SUB	U-233/234	1.30E+00		2.16E-01	2.51E-02	1.84E-03	1.84E-01
BP-38-SUB	U-233/234	1.02E+00		1.84E-01	3.92E-02	1.84E-03	1.84E-01
BP-43-SUB	U-233/234	1.16E+00		2.17E-01	3.54E-02	1.84E-03	1.84E-01
BP-45-SUB	U-233/234	1.24E+00		2.33E-01	3.83E-02	1.84E-03	1.84E-01
BP-46-SUB	U-233/234	1.34E+00		2.25E-01	2.72E-02	1.84E-03	1.84E-01
BP-48-SUB	U-233/234	9.90E-01		1.89E-01	4.40E-02	1.84E-03	1.84E-01
BP-50-SUB	U-233/234	1.12E+00		2.00E-01	2.81E-02	1.84E-03	1.84E-01
BP-51-SUB	U-233/234	1.55E+00		2.68E-01	3.94E-02	1.84E-03	1.84E-01

Notes:

pCi/g - Picocuries per gram of dry soil. Analyses for H-3, C-14, Tc-99, and I-129 are reported in units of pCi per gram of "as-received" soil.

MDC - Minimum Detectable Concentration

PRG - Preliminary Remediation Goal

Uncertainty - Reported at the 1.96σ Confidence Interval. Gamma Spec. Reported at the 2σ Confidence Interval.

Data Qualifiers:

B - Analyte present, but not detected substantially above the level reported in laboratory or field blanks.

J - The analyte was detected at the reported concentration: the quantitation is an estimate.

K - Analyte present. Reported value may be biased high. Actual value is expected to be lower.

L - Analyte present. Reported value may be biased low. Actual value is expected to be higher.

R - The result is rejected due to serious deficiences in the ability to analyze the sample and meet the Quality Control criteria.

U - Not considered detected. The associated number is the reported concentration.

UJ - Not considered detected. The associated number is the reported concentration which may be inaccurate.

UL - Not considered detected. The associated number is the reported concentration which may be inaccurate due to a low bias.

X - Excluded. The data point is associated with reanalyses or diluted analyses and is excluded because another result has been selecetd as the definitive result for the analyte

These results are qualified based on the usability of the data for its intended purpose, which is to develop a statistical profile against which to compare individual on-site sample results, to determine the extent of potential site contamination that may be attributable to site activities.

Table 49 - Uranium-235/236 Analytical Results

Sample ID	Analyte	Result (pCi/g)	Qualifier(s)	Uncertainty (+/- pCi/g)	MDC (pCi/g)	Agricultural 10^{-6} PRG (pCi/g)	Agricultural 10^{-4} PRG (pCi/g)
Lang Ranch Surface Samples (Chatsworth Formation)							
LR-1-SUR	U-235/236	7.48E-02		3.63E-02	2.49E-02	1.81E-03	1.81E-01
LR-2-SUR	U-235/236	7.51E-02		3.43E-02	3.94E-02	1.81E-03	1.81E-01
LR-3-SUR	U-235/236	2.83E-02	U	3.23E-02	3.85E-02	1.81E-03	1.81E-01
LR-4-SUR	U-235/236	8.69E-02		3.64E-02	2.09E-02	1.81E-03	1.81E-01
LR-5-SUR	U-235/236	7.33E-02		2.91E-02	2.60E-02	1.81E-03	1.81E-01
LR-6-SUR	U-235/236	8.42E-02		3.46E-02	1.94E-02	1.81E-03	1.81E-01
LR-7-SUR	U-235/236	7.19E-02		5.11E-02	3.67E-02	1.81E-03	1.81E-01
LR-8-SUR	U-235/236	6.64E-02		3.31E-02	2.34E-02	1.81E-03	1.81E-01
LR-9-SUR	U-235/236	4.35E-02		2.78E-02	2.61E-02	1.81E-03	1.81E-01
LR-10-SUR	U-235/236	6.63E-02		4.72E-02	3.53E-02	1.81E-03	1.81E-01
LR-11-SUR	U-235/236	3.79E-02	U	3.76E-02	3.86E-02	1.81E-03	1.81E-01
LR-12-SUR	U-235/236	4.38E-02		3.36E-02	3.49E-02	1.81E-03	1.81E-01
LR-13-SUR	U-235/236	2.99E-02		2.23E-02	3.76E-02	1.81E-03	1.81E-01
LR-14-SUR	U-235/236	3.74E-02		3.05E-02	2.55E-02	1.81E-03	1.81E-01
LR-15-SUR	U-235/236	3.82E-02		3.40E-02	3.12E-02	1.81E-03	1.81E-01
LR-16-SUR	U-235/236	4.13E-02		2.17E-02	1.65E-02	1.81E-03	1.81E-01
LR-17-SUR	U-235/236	8.26E-02		5.05E-02	3.06E-02	1.81E-03	1.81E-01
LR-18-SUR	U-235/236	7.88E-02		5.04E-02	3.22E-02	1.81E-03	1.81E-01
LR-19-SUR	U-235/236	5.42E-02		3.64E-02	2.53E-02	1.81E-03	1.81E-01
LR-20-SUR	U-235/236	3.18E-02		2.81E-02	3.79E-02	1.81E-03	1.81E-01
LR-21-SUR	U-235/236	3.41E-02		2.77E-02	2.38E-02	1.81E-03	1.81E-01
LR-22-SUR	U-235/236	7.35E-02		2.98E-02	2.74E-02	1.81E-03	1.81E-01
LR-23-SUR	U-235/236	6.59E-02		2.93E-02	2.97E-02	1.81E-03	1.81E-01
LR-24-SUR	U-235/236	6.52E-02		3.63E-02	2.89E-02	1.81E-03	1.81E-01
LR-25-SUR	U-235/236	4.28E-02		2.86E-02	2.97E-02	1.81E-03	1.81E-01
LR-26-SUR	U-235/236	4.23E-02		3.18E-02	3.71E-02	1.81E-03	1.81E-01
LR-27-SUR	U-235/236	6.15E-02		3.67E-02	3.71E-02	1.81E-03	1.81E-01
Lang Ranch Subsurface Samples (Chatsworth Formation)							
LR-3-SUB	U-235/236	8.31E-02		4.53E-02	2.67E-02	1.81E-03	1.81E-01
LR-4-SUB	U-235/236	4.14E-02		2.28E-02	2.86E-02	1.81E-03	1.81E-01
LR-9-SUB	U-235/236	5.15E-02		3.28E-02	2.32E-02	1.81E-03	1.81E-01
LR-13-SUB	U-235/236	6.84E-02		3.77E-02	2.26E-02	1.81E-03	1.81E-01
LR-15-SUB	U-235/236	6.19E-02		3.55E-02	2.23E-02	1.81E-03	1.81E-01
LR-18-SUB	U-235/236	3.33E-02		2.64E-02	2.36E-02	1.81E-03	1.81E-01
LR-19-SUB	U-235/236	4.14E-02		3.37E-02	3.10E-02	1.81E-03	1.81E-01
LR-23-SUB	U-235/236	1.20E-01		5.40E-02	3.71E-02	1.81E-03	1.81E-01
LR-24-SUB	U-235/236	7.98E-02		3.04E-02	2.60E-02	1.81E-03	1.81E-01
LR-26-SUB	U-235/236	5.77E-02		3.52E-02	2.36E-02	1.81E-03	1.81E-01
Rocky Peak Surface Samples (Chatsworth Formation)							
RP-1-SUR	U-235/236	7.65E-02		4.32E-02	2.47E-02	1.81E-03	1.81E-01
RP-2-SUR	U-235/236	2.30E-02	U	2.28E-02	2.42E-02	1.81E-03	1.81E-01
RP-3-SUR	U-235/236	4.34E-02		3.18E-02	3.61E-02	1.81E-03	1.81E-01
RP-4-SUR	U-235/236	6.24E-02		3.99E-02	2.62E-02	1.81E-03	1.81E-01
RP-5-SUR	U-235/236	9.20E-02		5.20E-02	2.97E-02	1.81E-03	1.81E-01
RP-6-SUR	U-235/236	6.29E-02		3.84E-02	2.40E-02	1.81E-03	1.81E-01
RP-7-SUR	U-235/236	6.33E-02		2.95E-02	2.82E-02	1.81E-03	1.81E-01
RP-8-SUR	U-235/236	2.99E-02		1.90E-02	1.61E-02	1.81E-03	1.81E-01
RP-9-SUR	U-235/236	2.40E-02		2.22E-02	2.88E-02	1.81E-03	1.81E-01
RP-10-SUR	U-235/236	3.00E-02		2.44E-02	2.10E-02	1.81E-03	1.81E-01
RP-11-SUR	U-235/236	4.59E-02		2.63E-02	3.36E-02	1.81E-03	1.81E-01
RP-12-SUR	U-235/236	5.90E-02		4.47E-02	3.54E-02	1.81E-03	1.81E-01
RP-13-SUR	U-235/236	6.88E-02		3.26E-02	1.95E-02	1.81E-03	1.81E-01
RP-14-SUR	U-235/236	5.36E-02		3.80E-02	2.81E-02	1.81E-03	1.81E-01
RP-15-SUR	U-235/236	5.28E-02		3.41E-02	3.06E-02	1.81E-03	1.81E-01
RP-16-SUR	U-235/236	6.72E-02		2.81E-02	1.45E-02	1.81E-03	1.81E-01
RP-17-SUR	U-235/236	4.29E-02		3.25E-02	2.57E-02	1.81E-03	1.81E-01
RP-18-SUR	U-235/236	4.48E-02		3.39E-02	2.69E-02	1.81E-03	1.81E-01
RP-19-SUR	U-235/236	9.95E-02		4.51E-02	2.13E-02	1.81E-03	1.81E-01
RP-20-SUR	U-235/236	7.06E-02		3.73E-02	2.12E-02	1.81E-03	1.81E-01
RP-21-SUR	U-235/236	5.56E-02		3.49E-02	3.71E-02	1.81E-03	1.81E-01

Table 49 - Uranium-235/236 Analytical Results

Sample ID	Analyte	Result (pCi/g)	Qualifier(s)	Uncertainty (+/- pCi/g)	MDC (pCi/g)	Agricultural 10^{-6} PRG (pCi/g)	Agricultural 10^{-4} PRG (pCi/g)
RP-22-SUR	U-235/236	1.03E-01		5.62E-02	3.30E-02	1.81E-03	1.81E-01
RP-23-SUR	U-235/236	3.56E-02		2.27E-02	1.92E-02	1.81E-03	1.81E-01
RP-24-SUR	U-235/236	6.55E-02		3.79E-02	3.70E-02	1.81E-03	1.81E-01
RP-25-SUR	U-235/236	5.07E-02		3.35E-02	3.73E-02	1.81E-03	1.81E-01
RP-26-SUR	U-235/236	4.67E-02		2.85E-02	1.91E-02	1.81E-03	1.81E-01
RP-27-SUR	U-235/236	2.04E-02	U	2.05E-02	3.82E-02	1.81E-03	1.81E-01
RP-28-SUR	U-235/236	1.05E-01		5.54E-02	3.14E-02	1.81E-03	1.81E-01
Rocky Peak Subsurface Samples (Chatsworth Formation)							
RP-1-SUB	U-235/236	6.49E-02		3.91E-02	3.98E-02	1.81E-03	1.81E-01
RP-5-SUB	U-235/236	4.96E-02		3.17E-02	2.23E-02	1.81E-03	1.81E-01
RP-7-SUB	U-235/236	6.10E-02		3.32E-02	2.35E-02	1.81E-03	1.81E-01
RP-12-SUB	U-235/236	7.98E-02		3.32E-02	3.13E-02	1.81E-03	1.81E-01
RP-13-SUB	U-235/236	3.84E-02		2.91E-02	2.47E-02	1.81E-03	1.81E-01
RP-17-SUB	U-235/236	7.45E-02		3.30E-02	2.05E-02	1.81E-03	1.81E-01
RP-18-SUB	U-235/236	5.79E-02		3.20E-02	3.23E-02	1.81E-03	1.81E-01
RP-19-SUB	U-235/236	3.15E-02		2.51E-02	2.42E-02	1.81E-03	1.81E-01
RP-20-SUB	U-235/236	5.31E-02		3.17E-02	3.44E-02	1.81E-03	1.81E-01
RP-28-SUB	U-235/236	9.88E-02		4.66E-02	2.48E-02	1.81E-03	1.81E-01
Bridle Path Surface Samples (Santa Susana Formation)							
BP-1-SUR	U-235/236	1.05E-01		4.86E-02	2.71E-02	1.81E-03	1.81E-01
BP-2-SUR	U-235/236	6.39E-02		3.00E-02	3.24E-02	1.81E-03	1.81E-01
BP-3-SUR	U-235/236	7.01E-02		3.31E-02	1.90E-02	1.81E-03	1.81E-01
BP-4-SUR	U-235/236	6.62E-02		3.43E-02	2.20E-02	1.81E-03	1.81E-01
BP-5-SUR	U-235/236	6.86E-02		3.06E-02	3.12E-02	1.81E-03	1.81E-01
BP-6-SUR	U-235/236	7.71E-02		3.62E-02	3.09E-02	1.81E-03	1.81E-01
BP-7-SUR	U-235/236	9.48E-02		3.96E-02	3.18E-02	1.81E-03	1.81E-01
BP-8-SUR	U-235/236	6.89E-02		3.34E-02	1.98E-02	1.81E-03	1.81E-01
BP-9-SUR	U-235/236	1.01E-01		4.48E-02	3.85E-02	1.81E-03	1.81E-01
BP-10-SUR	U-235/236	7.95E-02		4.46E-02	3.12E-02	1.81E-03	1.81E-01
BP-11-SUR	U-235/236	3.38E-02		2.52E-02	3.60E-02	1.81E-03	1.81E-01
BP-12-SUR	U-235/236	4.88E-02		2.97E-02	2.29E-02	1.81E-03	1.81E-01
BP-13-SUR	U-235/236	4.71E-02		2.96E-02	3.43E-02	1.81E-03	1.81E-01
BP-14-SUR	U-235/236	4.78E-02		2.79E-02	2.39E-02	1.81E-03	1.81E-01
BP-15-SUR	U-235/236	9.82E-02		4.18E-02	2.11E-02	1.81E-03	1.81E-01
BP-16-SUR	U-235/236	8.59E-02		3.82E-02	2.37E-02	1.81E-03	1.81E-01
BP-17-SUR	U-235/236	5.72E-02		4.11E-02	3.79E-02	1.81E-03	1.81E-01
BP-18-SUR	U-235/236	1.04E-01		4.49E-02	3.77E-02	1.81E-03	1.81E-01
BP-19-SUR	U-235/236	6.36E-02		3.76E-02	2.60E-02	1.81E-03	1.81E-01
BP-20-SUR	U-235/236	4.51E-02		2.75E-02	2.46E-02	1.81E-03	1.81E-01
BP-21-SUR	U-235/236	8.59E-02		3.58E-02	3.39E-02	1.81E-03	1.81E-01
BP-22-SUR	U-235/236	5.74E-02		3.22E-02	3.07E-02	1.81E-03	1.81E-01
BP-23-SUR	U-235/236	8.79E-02		4.11E-02	3.46E-02	1.81E-03	1.81E-01
BP-24-SUR	U-235/236	7.64E-02		4.16E-02	2.62E-02	1.81E-03	1.81E-01
BP-25-SUR	U-235/236	6.48E-02		3.41E-02	2.59E-02	1.81E-03	1.81E-01
BP-26-SUR	U-235/236	5.04E-02		2.83E-02	2.32E-02	1.81E-03	1.81E-01
BP-27-SUR	U-235/236	6.35E-02		3.61E-02	2.39E-02	1.81E-03	1.81E-01
BP-28-SUR	U-235/236	7.72E-02		3.84E-02	2.18E-02	1.81E-03	1.81E-01
BP-29-SUR	U-235/236	6.88E-02		4.03E-02	3.44E-02	1.81E-03	1.81E-01
BP-30-SUR	U-235/236	7.67E-02		3.74E-02	2.59E-02	1.81E-03	1.81E-01
BP-31-SUR	U-235/236	6.42E-02		3.45E-02	3.36E-02	1.81E-03	1.81E-01
BP-32-SUR	U-235/236	4.35E-02		3.54E-02	3.48E-02	1.81E-03	1.81E-01
BP-33-SUR	U-235/236	7.08E-02		3.60E-02	2.61E-02	1.81E-03	1.81E-01
BP-34-SUR	U-235/236	5.20E-02		2.94E-02	2.43E-02	1.81E-03	1.81E-01
BP-35-SUR	U-235/236	6.94E-02		3.44E-02	2.43E-02	1.81E-03	1.81E-01
BP-36-SUR	U-235/236	6.57E-02		2.78E-02	2.68E-02	1.81E-03	1.81E-01
BP-37-SUR	U-235/236	9.09E-02		5.64E-02	3.76E-02	1.81E-03	1.81E-01
BP-38-SUR	U-235/236	5.83E-02		2.73E-02	1.81E-02	1.81E-03	1.81E-01
BP-39-SUR	U-235/236	9.21E-02		5.20E-02	3.12E-02	1.81E-03	1.81E-01
BP-40-SUR	U-235/236	8.77E-02		5.13E-02	3.21E-02	1.81E-03	1.81E-01
BP-41-SUR	U-235/236	6.96E-02		3.79E-02	2.98E-02	1.81E-03	1.81E-01
BP-42-SUR	U-235/236	8.85E-02		4.37E-02	3.25E-02	1.81E-03	1.81E-01

Table 49 - Uranium-235/236 Analytical Results

Sample ID	Analyte	Result (pCi/g)	Qualifier(s)	Uncertainty (+/- pCi/g)	MDC (pCi/g)	Agricultural 10^{-6} PRG (pCi/g)	Agricultural 10^{-4} PRG (pCi/g)
BP-43-SUR	U-235/236	7.95E-02		4.35E-02	3.90E-02	1.81E-03	1.81E-01
BP-44-SUR	U-235/236	9.29E-02		4.51E-02	2.27E-02	1.81E-03	1.81E-01
BP-45-SUR	U-235/236	6.75E-02		3.98E-02	3.85E-02	1.81E-03	1.81E-01
BP-46-SUR	U-235/236	4.79E-02		3.40E-02	2.87E-02	1.81E-03	1.81E-01
BP-47-SUR	U-235/236	8.01E-02		3.42E-02	2.01E-02	1.81E-03	1.81E-01
BP-48-SUR	U-235/236	5.55E-02		3.13E-02	2.56E-02	1.81E-03	1.81E-01
BP-49-SUR	U-235/236	6.62E-02		4.70E-02	3.97E-02	1.81E-03	1.81E-01
BP-50-SUR	U-235/236	4.68E-02		2.68E-02	2.80E-02	1.81E-03	1.81E-01
BP-51-SUR	U-235/236	7.33E-02		4.13E-02	2.71E-02	1.81E-03	1.81E-01
BP-52-SUR	U-235/236	5.14E-02		2.87E-02	3.65E-02	1.81E-03	1.81E-01
BP-53-SUR	U-235/236	4.72E-02		3.16E-02	2.52E-02	1.81E-03	1.81E-01
BP-54-SUR	U-235/236	3.89E-02		2.30E-02	2.93E-02	1.81E-03	1.81E-01
Bridle Path Subsurface Samples (Santa Susana Formation)							
BP-3-SUB	U-235/236	6.94E-02		3.60E-02	3.93E-02	1.81E-03	1.81E-01
BP-4-SUB	U-235/236	6.58E-02		3.76E-02	2.69E-02	1.81E-03	1.81E-01
BP-5-SUB	U-235/236	4.85E-02		2.87E-02	2.50E-02	1.81E-03	1.81E-01
BP-9-SUB	U-235/236	4.46E-02		2.96E-02	3.83E-02	1.81E-03	1.81E-01
BP-12-SUB	U-235/236	7.44E-02		4.32E-02	3.14E-02	1.81E-03	1.81E-01
BP-13-SUB	U-235/236	6.52E-02		3.67E-02	3.01E-02	1.81E-03	1.81E-01
BP-14-SUB	U-235/236	5.82E-02		3.40E-02	2.91E-02	1.81E-03	1.81E-01
BP-16-SUB	U-235/236	9.53E-02		4.64E-02	3.20E-02	1.81E-03	1.81E-01
BP-20-SUB	U-235/236	6.26E-02		4.44E-02	4.04E-02	1.81E-03	1.81E-01
BP-23-SUB	U-235/236	6.61E-02		3.48E-02	2.64E-02	1.81E-03	1.81E-01
BP-29-SUB	U-235/236	7.47E-02		4.21E-02	2.96E-02	1.81E-03	1.81E-01
BP-34-SUB	U-235/236	6.71E-02		4.28E-02	3.46E-02	1.81E-03	1.81E-01
BP-35-SUB	U-235/236	8.38E-02		3.47E-02	3.26E-02	1.81E-03	1.81E-01
BP-38-SUB	U-235/236	9.53E-02		4.07E-02	3.10E-02	1.81E-03	1.81E-01
BP-43-SUB	U-235/236	9.20E-02		4.46E-02	2.68E-02	1.81E-03	1.81E-01
BP-45-SUB	U-235/236	6.08E-02		3.71E-02	2.90E-02	1.81E-03	1.81E-01
BP-46-SUB	U-235/236	3.77E-02		2.39E-02	3.03E-02	1.81E-03	1.81E-01
BP-48-SUB	U-235/236	6.33E-02		3.57E-02	2.56E-02	1.81E-03	1.81E-01
BP-50-SUB	U-235/236	6.19E-02		3.36E-02	3.66E-02	1.81E-03	1.81E-01
BP-51-SUB	U-235/236	5.70E-02		3.35E-02	3.93E-02	1.81E-03	1.81E-01

Notes:

pCi/g - Picocuries per gram of dry soil. Analyses for H-3, C-14, Tc-99, and I-129 are reported in units of pCi per gram of "as-received" soil.

MDC - Minimum Detectable Concentration

PRG - Preliminary Remediation Goal

Uncertainty - Reported at the 1.96σ Confidence Interval. Gamma Spec. Reported at the 2σ Confidence Interval.

Data Qualifiers:

B - Analyte present, but not detected substantially above the level reported in laboratory or field blanks.

J - The analyte was detected at the reported concentration: the quantitation is an estimate.

K - Analyte present. Reported value may be biased high. Actual value is expected to be lower.

L - Analyte present. Reported value may be biased low. Actual value is expected to be higher.

R - The result is rejected due to serious deficiences in the ability to analyze the sample and meet the Quality Control criteria.

U - Not considered detected. The associated number is the reported concentration.

UJ - Not considered detected. The associated number is the reported concentration which may be inaccurate.

UL - Not considered detected. The associated number is the reported concentration which may be inaccurate due to a low bias.

X - Excluded. The data point is associated with reanalyses or diluted analyses and is excluded because another result has been selecetd as the definitive result for the analyte

These results are qualified based on the usability of the data for its intended purpose, which is to develop a statistical profile against which to compare individual on-site sample results, to determine the extent of potential site contamination that may be attributable to site activities.

Table 50 - Uranium-238 Analytical Results

Sample ID	Analyte	Result (pCi/g)	Qualifier(s)	Uncertainty (+/- pCi/g)	MDC (pCi/g)	Agricultural 10^{-6} PRG (pCi/g)	Agricultural 10^{-4} PRG (pCi/g)
Lang Ranch Surface Samples (Chatsworth Formation)							
LR-1-SUR	Uranium-238	1.18E+00		2.13E-01	3.39E-02	1.47E-03	1.47E-01
LR-2-SUR	Uranium-238	1.02E+00		1.78E-01	3.37E-02	1.47E-03	1.47E-01
LR-3-SUR	Uranium-238	1.19E+00		2.66E-01	4.61E-02	1.47E-03	1.47E-01
LR-4-SUR	Uranium-238	1.13E+00		1.98E-01	1.60E-02	1.47E-03	1.47E-01
LR-5-SUR	Uranium-238	1.11E+00		1.84E-01	2.63E-02	1.47E-03	1.47E-01
LR-6-SUR	Uranium-238	1.05E+00		1.84E-01	3.12E-02	1.47E-03	1.47E-01
LR-7-SUR	Uranium-238	1.30E+00		2.80E-01	4.39E-02	1.47E-03	1.47E-01
LR-8-SUR	Uranium-238	1.18E+00		2.10E-01	3.19E-02	1.47E-03	1.47E-01
LR-9-SUR	Uranium-238	1.11E+00		2.04E-01	2.00E-02	1.47E-03	1.47E-01
LR-10-SUR	Uranium-238	1.23E+00		2.62E-01	4.32E-02	1.47E-03	1.47E-01
LR-11-SUR	Uranium-238	1.16E+00		2.61E-01	5.32E-02	1.47E-03	1.47E-01
LR-12-SUR	Uranium-238	1.06E+00		2.16E-01	1.96E-02	1.47E-03	1.47E-01
LR-13-SUR	Uranium-238	9.76E-01		1.70E-01	2.88E-02	1.47E-03	1.47E-01
LR-14-SUR	Uranium-238	7.69E-01		1.68E-01	3.05E-02	1.47E-03	1.47E-01
LR-15-SUR	Uranium-238	1.05E+00		2.26E-01	2.39E-02	1.47E-03	1.47E-01
LR-16-SUR	Uranium-238	1.06E+00		1.80E-01	1.92E-02	1.47E-03	1.47E-01
LR-17-SUR	Uranium-238	9.14E-01		2.02E-01	3.67E-02	1.47E-03	1.47E-01
LR-18-SUR	Uranium-238	1.14E+00		2.44E-01	4.87E-02	1.47E-03	1.47E-01
LR-19-SUR	Uranium-238	8.56E-01		1.80E-01	3.45E-02	1.47E-03	1.47E-01
LR-20-SUR	Uranium-238	1.04E+00		2.06E-01	3.69E-02	1.47E-03	1.47E-01
LR-21-SUR	Uranium-238	1.11E+00		2.19E-01	2.90E-02	1.47E-03	1.47E-01
LR-22-SUR	Uranium-238	1.22E+00		2.01E-01	2.10E-02	1.47E-03	1.47E-01
LR-23-SUR	Uranium-238	1.06E+00		1.80E-01	2.28E-02	1.47E-03	1.47E-01
LR-24-SUR	Uranium-238	1.10E+00		2.10E-01	3.31E-02	1.47E-03	1.47E-01
LR-25-SUR	Uranium-238	1.00E+00		1.90E-01	1.43E-02	1.47E-03	1.47E-01
LR-26-SUR	Uranium-238	1.05E+00		2.08E-01	2.84E-02	1.47E-03	1.47E-01
LR-27-SUR	Uranium-238	1.12E+00		2.10E-01	1.74E-02	1.47E-03	1.47E-01
Lang Ranch Subsurface Samples (Chatsworth Formation)							
LR-3-SUB	Uranium-238	1.18E+00		2.26E-01	3.34E-02	1.47E-03	1.47E-01
LR-4-SUB	Uranium-238	1.31E+00		2.14E-01	2.19E-02	1.47E-03	1.47E-01
LR-9-SUB	Uranium-238	8.10E-01		1.63E-01	1.77E-02	1.47E-03	1.47E-01
LR-13-SUB	Uranium-238	1.20E+00		2.21E-01	2.47E-02	1.47E-03	1.47E-01
LR-15-SUB	Uranium-238	1.13E+00		2.10E-01	4.12E-02	1.47E-03	1.47E-01
LR-18-SUB	Uranium-238	8.84E-01		1.75E-01	1.81E-02	1.47E-03	1.47E-01
LR-19-SUB	Uranium-238	1.18E+00		2.37E-01	4.51E-02	1.47E-03	1.47E-01
LR-23-SUB	Uranium-238	1.18E+00		2.24E-01	3.61E-02	1.47E-03	1.47E-01
LR-24-SUB	Uranium-238	1.65E+00		2.60E-01	1.12E-02	1.47E-03	1.47E-01
LR-26-SUB	Uranium-238	1.26E+00		2.33E-01	2.95E-02	1.47E-03	1.47E-01
Rocky Peak Surface Samples (Chatsworth Formation)							
RP-1-SUR	Uranium-238	7.76E-01		1.66E-01	3.00E-02	1.47E-03	1.47E-01
RP-2-SUR	Uranium-238	6.40E-01		1.43E-01	1.85E-02	1.47E-03	1.47E-01
RP-3-SUR	Uranium-238	5.48E-01		1.26E-01	3.19E-02	1.47E-03	1.47E-01
RP-4-SUR	Uranium-238	1.17E+00		2.32E-01	3.19E-02	1.47E-03	1.47E-01
RP-5-SUR	Uranium-238	1.14E+00		2.36E-01	4.59E-02	1.47E-03	1.47E-01
RP-6-SUR	Uranium-238	1.23E+00		2.37E-01	2.92E-02	1.47E-03	1.47E-01
RP-7-SUR	Uranium-238	1.23E+00		2.09E-01	2.82E-02	1.47E-03	1.47E-01
RP-8-SUR	Uranium-238	6.32E-01		1.19E-01	2.51E-02	1.47E-03	1.47E-01
RP-9-SUR	Uranium-238	6.37E-01		1.37E-01	5.63E-02	1.47E-03	1.47E-01
RP-10-SUR	Uranium-238	5.52E-01		1.23E-01	2.55E-02	1.47E-03	1.47E-01
RP-11-SUR	Uranium-238	6.83E-01		1.27E-01	2.58E-02	1.47E-03	1.47E-01
RP-12-SUR	Uranium-238	1.07E+00		2.36E-01	2.71E-02	1.47E-03	1.47E-01
RP-13-SUR	Uranium-238	1.19E+00		2.09E-01	2.59E-02	1.47E-03	1.47E-01
RP-14-SUR	Uranium-238	1.14E+00		2.32E-01	3.94E-02	1.47E-03	1.47E-01
RP-15-SUR	Uranium-238	1.09E+00		2.11E-01	1.70E-02	1.47E-03	1.47E-01
RP-16-SUR	Uranium-238	1.22E+00		2.02E-01	1.66E-02	1.47E-03	1.47E-01
RP-17-SUR	Uranium-238	5.77E-01		1.35E-01	3.13E-02	1.47E-03	1.47E-01
RP-18-SUR	Uranium-238	1.28E+00		2.52E-01	4.15E-02	1.47E-03	1.47E-01
RP-19-SUR	Uranium-238	1.16E+00		2.16E-01	2.67E-02	1.47E-03	1.47E-01
RP-20-SUR	Uranium-238	1.09E+00		2.05E-01	1.62E-02	1.47E-03	1.47E-01
RP-21-SUR	Uranium-238	1.32E+00		2.43E-01	3.30E-02	1.47E-03	1.47E-01

Table 50 - Uranium-238 Analytical Results

Sample ID	Analyte	Result (pCi/g)	Qualifier(s)	Uncertainty (+/- pCi/g)	MDC (pCi/g)	Agricultural 10^{-6} PRG (pCi/g)	Agricultural 10^{-4} PRG (pCi/g)
RP-22-SUR	Uranium-238	1.41E+00		2.83E-01	4.13E-02	1.47E-03	1.47E-01
RP-23-SUR	Uranium-238	6.14E-01		1.21E-01	3.00E-02	1.47E-03	1.47E-01
RP-24-SUR	Uranium-238	6.56E-01		1.41E-01	3.29E-02	1.47E-03	1.47E-01
RP-25-SUR	Uranium-238	6.96E-01		1.46E-01	1.75E-02	1.47E-03	1.47E-01
RP-26-SUR	Uranium-238	1.09E+00		2.00E-01	2.39E-02	1.47E-03	1.47E-01
RP-27-SUR	Uranium-238	7.88E-01		1.53E-01	3.83E-02	1.47E-03	1.47E-01
RP-28-SUR	Uranium-238	1.25E+00		2.53E-01	2.40E-02	1.47E-03	1.47E-01
Rocky Peak Subsurface Samples (Chatsworth Formation)							
RP-1-SUB	Uranium-238	1.12E+00		2.17E-01	3.05E-02	1.47E-03	1.47E-01
RP-5-SUB	Uranium-238	1.43E+00		2.60E-01	3.24E-02	1.47E-03	1.47E-01
RP-7-SUB	Uranium-238	1.49E+00		2.62E-01	3.12E-02	1.47E-03	1.47E-01
RP-12-SUB	Uranium-238	1.23E+00		2.06E-01	2.67E-02	1.47E-03	1.47E-01
RP-13-SUB	Uranium-238	9.16E-01		1.85E-01	3.09E-02	1.47E-03	1.47E-01
RP-17-SUB	Uranium-238	8.21E-01		1.49E-01	1.57E-02	1.47E-03	1.47E-01
RP-18-SUB	Uranium-238	7.64E-01		1.46E-01	1.48E-02	1.47E-03	1.47E-01
RP-19-SUB	Uranium-238	7.80E-01		1.57E-01	1.85E-02	1.47E-03	1.47E-01
RP-20-SUB	Uranium-238	7.06E-01		1.40E-01	1.58E-02	1.47E-03	1.47E-01
RP-28-SUB	Uranium-238	8.15E-01		1.64E-01	1.90E-02	1.47E-03	1.47E-01
Bridle Path Surface Samples (Santa Susana Formation)							
BP-1-SUR	Uranium-238	1.42E+00		2.57E-01	2.08E-02	1.47E-03	1.47E-01
BP-2-SUR	Uranium-238	1.36E+00		2.25E-01	1.40E-02	1.47E-03	1.47E-01
BP-3-SUR	Uranium-238	1.43E+00		2.42E-01	1.45E-02	1.47E-03	1.47E-01
BP-4-SUR	Uranium-238	1.13E+00		2.03E-01	2.88E-02	1.47E-03	1.47E-01
BP-5-SUR	Uranium-238	1.46E+00		2.37E-01	1.35E-02	1.47E-03	1.47E-01
BP-6-SUR	Uranium-238	1.52E+00		2.58E-01	3.06E-02	1.47E-03	1.47E-01
BP-7-SUR	Uranium-238	1.43E+00		2.41E-01	2.44E-02	1.47E-03	1.47E-01
BP-8-SUR	Uranium-238	1.41E+00		2.41E-01	3.03E-02	1.47E-03	1.47E-01
BP-9-SUR	Uranium-238	1.45E+00		2.52E-01	4.14E-02	1.47E-03	1.47E-01
BP-10-SUR	Uranium-238	1.38E+00		2.58E-01	4.08E-02	1.47E-03	1.47E-01
BP-11-SUR	Uranium-238	1.29E+00		2.26E-01	2.76E-02	1.47E-03	1.47E-01
BP-12-SUR	Uranium-238	1.21E+00		2.17E-01	1.75E-02	1.47E-03	1.47E-01
BP-13-SUR	Uranium-238	1.49E+00		2.57E-01	3.40E-02	1.47E-03	1.47E-01
BP-14-SUR	Uranium-238	1.13E+00		2.02E-01	3.25E-02	1.47E-03	1.47E-01
BP-15-SUR	Uranium-238	1.24E+00		2.18E-01	3.24E-02	1.47E-03	1.47E-01
BP-16-SUR	Uranium-238	1.26E+00		2.19E-01	3.22E-02	1.47E-03	1.47E-01
BP-17-SUR	Uranium-238	1.16E+00		2.36E-01	4.96E-02	1.47E-03	1.47E-01
BP-18-SUR	Uranium-238	1.48E+00		2.56E-01	2.89E-02	1.47E-03	1.47E-01
BP-19-SUR	Uranium-238	1.36E+00		2.49E-01	1.99E-02	1.47E-03	1.47E-01
BP-20-SUR	Uranium-238	1.25E+00		2.20E-01	1.89E-02	1.47E-03	1.47E-01
BP-21-SUR	Uranium-238	1.23E+00		2.07E-01	2.60E-02	1.47E-03	1.47E-01
BP-22-SUR	Uranium-238	1.10E+00		1.98E-01	3.02E-02	1.47E-03	1.47E-01
BP-23-SUR	Uranium-238	1.29E+00		2.29E-01	2.65E-02	1.47E-03	1.47E-01
BP-24-SUR	Uranium-238	1.19E+00		2.24E-01	3.91E-02	1.47E-03	1.47E-01
BP-25-SUR	Uranium-238	1.32E+00		2.32E-01	4.16E-02	1.47E-03	1.47E-01
BP-26-SUR	Uranium-238	1.21E+00		2.12E-01	3.16E-02	1.47E-03	1.47E-01
BP-27-SUR	Uranium-238	1.24E+00		2.27E-01	1.83E-02	1.47E-03	1.47E-01
BP-28-SUR	Uranium-238	1.13E+00		2.06E-01	2.79E-02	1.47E-03	1.47E-01
BP-29-SUR	Uranium-238	1.34E+00		2.50E-01	4.68E-02	1.47E-03	1.47E-01
BP-30-SUR	Uranium-238	1.23E+00		2.20E-01	1.98E-02	1.47E-03	1.47E-01
BP-31-SUR	Uranium-238	1.14E+00		2.04E-01	2.58E-02	1.47E-03	1.47E-01
BP-32-SUR	Uranium-238	1.28E+00		2.56E-01	5.20E-02	1.47E-03	1.47E-01
BP-33-SUR	Uranium-238	1.24E+00		2.22E-01	3.55E-02	1.47E-03	1.47E-01
BP-34-SUR	Uranium-238	1.26E+00		2.20E-01	1.86E-02	1.47E-03	1.47E-01
BP-35-SUR	Uranium-238	1.34E+00		2.32E-01	3.30E-02	1.47E-03	1.47E-01
BP-36-SUR	Uranium-238	1.22E+00		1.98E-01	1.15E-02	1.47E-03	1.47E-01
BP-37-SUR	Uranium-238	1.20E+00		2.53E-01	2.88E-02	1.47E-03	1.47E-01
BP-38-SUR	Uranium-238	9.72E-01		1.68E-01	1.38E-02	1.47E-03	1.47E-01
BP-39-SUR	Uranium-238	1.15E+00		2.33E-01	2.39E-02	1.47E-03	1.47E-01
BP-40-SUR	Uranium-238	1.00E+00		2.12E-01	3.98E-02	1.47E-03	1.47E-01
BP-41-SUR	Uranium-238	1.21E+00		2.23E-01	2.28E-02	1.47E-03	1.47E-01
BP-42-SUR	Uranium-238	1.06E+00		2.01E-01	3.16E-02	1.47E-03	1.47E-01

Table 50 - Uranium-238 Analytical Results

Sample ID	Analyte	Result (pCi/g)	Qualifier(s)	Uncertainty (+/- pCi/g)	MDC (pCi/g)	Agricultural 10^{-6} PRG (pCi/g)	Agricultural 10^{-4} PRG (pCi/g)
BP-43-SUR	Uranium-238	1.18E+00		2.23E-01	2.99E-02	1.47E-03	1.47E-01
BP-44-SUR	Uranium-238	1.18E+00		2.20E-01	3.26E-02	1.47E-03	1.47E-01
BP-45-SUR	Uranium-238	1.23E+00		2.30E-01	4.05E-02	1.47E-03	1.47E-01
BP-46-SUR	Uranium-238	1.35E+00		2.55E-01	3.68E-02	1.47E-03	1.47E-01
BP-47-SUR	Uranium-238	1.32E+00		2.23E-01	1.54E-02	1.47E-03	1.47E-01
BP-48-SUR	Uranium-238	1.32E+00		2.32E-01	3.49E-02	1.47E-03	1.47E-01
BP-49-SUR	Uranium-238	1.19E+00		2.50E-01	3.04E-02	1.47E-03	1.47E-01
BP-50-SUR	Uranium-238	1.25E+00		2.13E-01	2.15E-02	1.47E-03	1.47E-01
BP-51-SUR	Uranium-238	9.43E-01		1.88E-01	4.04E-02	1.47E-03	1.47E-01
BP-52-SUR	Uranium-238	1.01E+00		1.77E-01	3.30E-02	1.47E-03	1.47E-01
BP-53-SUR	Uranium-238	1.22E+00		2.26E-01	3.23E-02	1.47E-03	1.47E-01
BP-54-SUR	Uranium-238	9.26E-01		1.62E-01	2.94E-02	1.47E-03	1.47E-01
Bridle Path Subsurface Samples (Santa Susana Formation)							
BP-3-SUB	Uranium-238	1.17E+00		2.09E-01	3.00E-02	1.47E-03	1.47E-01
BP-4-SUB	Uranium-238	1.05E+00		2.01E-01	4.13E-02	1.47E-03	1.47E-01
BP-5-SUB	Uranium-238	9.62E-01		1.79E-01	4.88E-02	1.47E-03	1.47E-01
BP-9-SUB	Uranium-238	1.64E+00		2.81E-01	2.93E-02	1.47E-03	1.47E-01
BP-12-SUB	Uranium-238	1.37E+00		2.58E-01	4.12E-02	1.47E-03	1.47E-01
BP-13-SUB	Uranium-238	1.25E+00		2.29E-01	4.09E-02	1.47E-03	1.47E-01
BP-14-SUB	Uranium-238	9.62E-01		1.84E-01	2.23E-02	1.47E-03	1.47E-01
BP-16-SUB	Uranium-238	1.29E+00		2.39E-01	2.45E-02	1.47E-03	1.47E-01
BP-20-SUB	Uranium-238	1.08E+00		2.29E-01	3.09E-02	1.47E-03	1.47E-01
BP-23-SUB	Uranium-238	1.02E+00		1.89E-01	3.59E-02	1.47E-03	1.47E-01
BP-29-SUB	Uranium-238	1.02E+00		2.02E-01	4.55E-02	1.47E-03	1.47E-01
BP-34-SUB	Uranium-238	1.68E+00		3.13E-01	2.65E-02	1.47E-03	1.47E-01
BP-35-SUB	Uranium-238	1.29E+00		2.14E-01	2.95E-02	1.47E-03	1.47E-01
BP-38-SUB	Uranium-238	1.04E+00		1.87E-01	3.07E-02	1.47E-03	1.47E-01
BP-43-SUB	Uranium-238	1.13E+00		2.12E-01	3.53E-02	1.47E-03	1.47E-01
BP-45-SUB	Uranium-238	1.22E+00		2.30E-01	2.22E-02	1.47E-03	1.47E-01
BP-46-SUB	Uranium-238	1.26E+00		2.13E-01	1.35E-02	1.47E-03	1.47E-01
BP-48-SUB	Uranium-238	1.06E+00		1.99E-01	1.96E-02	1.47E-03	1.47E-01
BP-50-SUB	Uranium-238	1.13E+00		2.01E-01	1.63E-02	1.47E-03	1.47E-01
BP-51-SUB	Uranium-238	1.58E+00		2.72E-01	3.01E-02	1.47E-03	1.47E-01

Notes:

pCi/g - Picocuries per gram of dry soil. Analyses for H-3, C-14, Tc-99, and I-129 are reported in units of pCi per gram of "as-received" soil.

MDC - Minimum Detectable Concentration

PRG - Preliminary Remediation Goal

Uncertainty - Reported at the 1.96σ Confidence Interval. Gamma Spec. Reported at the 2σ Confidence Interval.

Data Qualifiers:

B - Analyte present, but not detected substantially above the level reported in laboratory or field blanks.

J - The analyte was detected at the reported concentration: the quantitation is an estimate.

K - Analyte present. Reported value may be biased high. Actual value is expected to be lower.

L - Analyte present. Reported value may be biased low. Actual value is expected to be higher.

R - The result is rejected due to serious deficiences in the ability to analyze the sample and meet the Quality Control criteria.

U - Not considered detected. The associated number is the reported concentration.

UJ - Not considered detected. The associated number is the reported concentration which may be inaccurate.

UL - Not considered detected. The associated number is the reported concentration which may be inaccurate due to a low bias.

X - Excluded. The data point is associated with reanalyses or diluted analyses and is excluded because another result has been selecetd as the definitive result for the analyte

These results are qualified based on the usability of the data for its intended purpose, which is to develop a statistical profile against which to compare individual on-site sample results, to determine the extent of potential site contamination that may be attributable to site activities.

Table 51 - Uranium-240 Analytical Results

Sample ID	Analyte	Result (pCi/g)	Qualifier(s)	Uncertainty (+/- pCi/g)	MDC (pCi/g)	Agricultural 10^{-6} PRG (pCi/g)	Agricultural 10^{-4} PRG (pCi/g)
Lang Ranch Surface Samples (Chatsworth Formation)							
LR-1-SUR	Uranium-240	1.12E-04	U	1.75E-03	5.11E-03	2.98E+02	2.98E+04
LR-2-SUR	Uranium-240	9.19E-04	U	4.20E-03	5.51E-03	2.98E+02	2.98E+04
LR-3-SUR	Uranium-240	0.00E+00	U	3.57E-03	9.84E-03	2.98E+02	2.98E+04
LR-4-SUR	Uranium-240	-9.61E-04	U	4.39E-03	1.02E-02	2.98E+02	2.98E+04
LR-5-SUR	Uranium-240	-2.20E-03	U	2.35E-03	7.96E-03	2.98E+02	2.98E+04
LR-6-SUR	Uranium-240	-1.55E-04	U	1.01E-03	3.02E-03	2.98E+02	2.98E+04
LR-7-SUR	Uranium-240	-8.56E-04	U	1.08E-03	3.68E-03	2.98E+02	2.98E+04
LR-8-SUR	Uranium-240	7.72E-05	U	1.18E-03	2.76E-03	2.98E+02	2.98E+04
LR-9-SUR	Uranium-240	-2.70E-04	U	1.23E-03	2.87E-03	2.98E+02	2.98E+04
LR-10-SUR	Uranium-240	-3.25E-04	U	9.57E-04	2.86E-03	2.98E+02	2.98E+04
LR-11-SUR	Uranium-240	-2.79E-04	U	1.12E-03	3.30E-03	2.98E+02	2.98E+04
LR-12-SUR	Uranium-240	0.00E+00	U	1.05E-03	2.46E-03	2.98E+02	2.98E+04
LR-13-SUR	Uranium-240	7.15E-04	U	1.09E-03	2.54E-03	2.98E+02	2.98E+04
LR-14-SUR	Uranium-240	0.00E+00	U	1.12E-03	3.29E-03	2.98E+02	2.98E+04
LR-15-SUR	Uranium-240	0.00E+00	U	4.12E-03	5.41E-03	2.98E+02	2.98E+04
LR-16-SUR	Uranium-240	8.31E-04	U	3.80E-03	4.99E-03	2.98E+02	2.98E+04
LR-17-SUR	Uranium-240	-9.79E-04	U	4.47E-03	1.23E-02	2.98E+02	2.98E+04
LR-18-SUR	Uranium-240	-1.42E-03	U	6.51E-03	1.52E-02	2.98E+02	2.98E+04
LR-19-SUR	Uranium-240	0.00E+00	U	1.01E-03	2.36E-03	2.98E+02	2.98E+04
LR-20-SUR	Uranium-240	1.07E-04	U	1.22E-03	2.57E-03	2.98E+02	2.98E+04
LR-21-SUR	Uranium-240	-2.40E-04	U	1.10E-03	2.56E-03	2.98E+02	2.98E+04
LR-22-SUR	Uranium-240	-1.71E-04	U	7.82E-04	1.82E-03	2.98E+02	2.98E+04
LR-23-SUR	Uranium-240	-2.77E-04	U	1.26E-03	2.95E-03	2.98E+02	2.98E+04
LR-24-SUR	Uranium-240	-2.99E-04	U	1.36E-03	3.18E-03	2.98E+02	2.98E+04
LR-25-SUR	Uranium-240	-2.96E-04	U	1.35E-03	3.72E-03	2.98E+02	2.98E+04
LR-26-SUR	Uranium-240	7.02E-04	U	1.07E-03	2.49E-03	2.98E+02	2.98E+04
LR-27-SUR	Uranium-240	0.00E+00	U	1.21E-03	1.59E-03	2.98E+02	2.98E+04
Lang Ranch Subsurface Samples (Chatsworth Formation)							
LR-3-SUB	Uranium-240	-2.51E-04	U	1.15E-03	3.16E-03	2.98E+02	2.98E+04
LR-4-SUB	Uranium-240	-2.06E-04	U	1.11E-03	2.58E-03	2.98E+02	2.98E+04
LR-9-SUB	Uranium-240	0.00E+00	U	1.34E-03	3.12E-03	2.98E+02	2.98E+04
LR-13-SUB	Uranium-240	1.14E-03	U	1.60E-03	3.60E-03	2.98E+02	2.98E+04
LR-15-SUB	Uranium-240	1.36E-03		1.26E-03	1.63E-03	2.98E+02	2.98E+04
LR-18-SUB	Uranium-240	-2.72E-04	U	1.24E-03	2.90E-03	2.98E+02	2.98E+04
LR-19-SUB	Uranium-240	2.77E-04	U	1.26E-03	2.95E-03	2.98E+02	2.98E+04
LR-23-SUB	Uranium-240	0.00E+00	U	1.34E-03	1.77E-03	2.98E+02	2.98E+04
LR-24-SUB	Uranium-240	-4.71E-04	U	1.08E-03	2.96E-03	2.98E+02	2.98E+04
LR-26-SUB	Uranium-240	0.00E+00	U	2.53E-03	5.91E-03	2.98E+02	2.98E+04
Rocky Peak Surface Samples (Chatsworth Formation)							
RP-1-SUR	Uranium-240	-2.69E-04	U	1.23E-03	2.87E-03	2.98E+02	2.98E+04
RP-2-SUR	Uranium-240	2.50E-04	U	1.14E-03	1.50E-03	2.98E+02	2.98E+04
RP-3-SUR	Uranium-240	-3.39E-04	U	9.10E-04	2.72E-03	2.98E+02	2.98E+04
RP-4-SUR	Uranium-240	-6.98E-04	U	1.21E-03	3.82E-03	2.98E+02	2.98E+04
RP-5-SUR	Uranium-240	2.25E-04	U	1.03E-03	2.39E-03	2.98E+02	2.98E+04
RP-6-SUR	Uranium-240	5.81E-04	U	1.33E-03	3.09E-03	2.98E+02	2.98E+04
RP-7-SUR	Uranium-240	-2.83E-04	U	1.29E-03	3.56E-03	2.98E+02	2.98E+04
RP-8-SUR	Uranium-240	1.08E-04	U	1.12E-03	2.63E-03	2.98E+02	2.98E+04
RP-9-SUR	Uranium-240	1.06E-04	U	1.15E-03	2.69E-03	2.98E+02	2.98E+04
RP-10-SUR	Uranium-240	-6.82E-04	U	1.04E-03	3.20E-03	2.98E+02	2.98E+04
RP-11-SUR	Uranium-240	4.61E-04	U	1.06E-03	1.38E-03	2.98E+02	2.98E+04
RP-12-SUR	Uranium-240	1.18E-03		1.09E-03	1.42E-03	2.98E+02	2.98E+04
RP-13-SUR	Uranium-240	2.77E-04	U	1.26E-03	1.66E-03	2.98E+02	2.98E+04
RP-14-SUR	Uranium-240	5.01E-04	U	2.29E-03	3.01E-03	2.98E+02	2.98E+04
RP-15-SUR	Uranium-240	-4.26E-04	U	1.71E-03	5.04E-03	2.98E+02	2.98E+04
RP-16-SUR	Uranium-240	3.22E-05	U	2.07E-03	4.84E-03	2.98E+02	2.98E+04
RP-17-SUR	Uranium-240	4.90E-04	U	1.12E-03	1.47E-03	2.98E+02	2.98E+04
RP-18-SUR	Uranium-240	-8.34E-04	U	1.01E-03	3.42E-03	2.98E+02	2.98E+04
RP-19-SUR	Uranium-240	9.83E-05	U	1.11E-03	2.33E-03	2.98E+02	2.98E+04
RP-20-SUR	Uranium-240	0.00E+00	U	1.09E-03	2.54E-03	2.98E+02	2.98E+04
RP-21-SUR	Uranium-240	1.07E-03	U	1.33E-03	2.95E-03	2.98E+02	2.98E+04

Table 51 - Uranium-240 Analytical Results

Sample ID	Analyte	Result (pCi/g)	Qualifier(s)	Uncertainty (+/- pCi/g)	MDC (pCi/g)	Agricultural 10^{-6} PRG (pCi/g)	Agricultural 10^{-4} PRG (pCi/g)
RP-22-SUR	Uranium-240	2.60E-04	U	1.19E-03	2.77E-03	2.98E+02	2.98E+04
RP-23-SUR	Uranium-240	0.00E+00	U	1.07E-03	2.51E-03	2.98E+02	2.98E+04
RP-24-SUR	Uranium-240	-4.13E-05	U	1.26E-03	3.46E-03	2.98E+02	2.98E+04
RP-25-SUR	Uranium-240	2.47E-04	U	1.13E-03	2.63E-03	2.98E+02	2.98E+04
RP-26-SUR	Uranium-240	-4.36E-04	U	9.96E-04	2.74E-03	2.98E+02	2.98E+04
RP-27-SUR	Uranium-240	0.00E+00	U	9.78E-04	2.28E-03	2.98E+02	2.98E+04
RP-28-SUR	Uranium-240	0.00E+00	U	1.27E-03	2.97E-03	2.98E+02	2.98E+04
Rocky Peak Subsurface Samples (Chatsworth Formation)							
RP-1-SUB	Uranium-240	-3.28E-04	U	1.50E-03	4.12E-03	2.98E+02	2.98E+04
RP-5-SUB	Uranium-240	3.08E-04	U	1.41E-03	1.85E-03	2.98E+02	2.98E+04
RP-7-SUB	Uranium-240	0.00E+00	U	1.34E-03	3.13E-03	2.98E+02	2.98E+04
RP-12-SUB	Uranium-240	-3.10E-04	U	1.42E-03	3.31E-03	2.98E+02	2.98E+04
RP-13-SUB	Uranium-240	-3.33E-04	U	1.52E-03	3.55E-03	2.98E+02	2.98E+04
RP-17-SUB	Uranium-240	-6.78E-04	U	1.15E-03	3.42E-03	2.98E+02	2.98E+04
RP-18-SUB	Uranium-240	-7.34E-04	U	1.01E-03	3.46E-03	2.98E+02	2.98E+04
RP-19-SUB	Uranium-240	0.00E+00	U	1.11E-03	2.59E-03	2.98E+02	2.98E+04
RP-20-SUB	Uranium-240	0.00E+00	U	1.57E-03	3.66E-03	2.98E+02	2.98E+04
RP-28-SUB	Uranium-240	-5.44E-04	U	1.28E-03	3.48E-03	2.98E+02	2.98E+04
Bridle Path Surface Samples (Santa Susana Formation)							
BP-1-SUR	Uranium-240	8.00E-04	U	1.83E-03	2.40E-03	2.98E+02	2.98E+04
BP-2-SUR	Uranium-240	-6.04E-04	U	1.38E-03	3.80E-03	2.98E+02	2.98E+04
BP-3-SUR	Uranium-240	0.00E+00	U	1.65E-03	3.84E-03	2.98E+02	2.98E+04
BP-4-SUR	Uranium-240	3.14E-05	U	9.52E-04	2.22E-03	2.98E+02	2.98E+04
BP-5-SUR	Uranium-240	1.31E-03	U	2.00E-03	2.62E-03	2.98E+02	2.98E+04
BP-6-SUR	Uranium-240	-2.82E-04	U	1.37E-03	3.19E-03	2.98E+02	2.98E+04
BP-7-SUR	Uranium-240	-1.63E-04	U	1.06E-03	3.18E-03	2.98E+02	2.98E+04
BP-8-SUR	Uranium-240	3.33E-04	U	1.52E-03	3.54E-03	2.98E+02	2.98E+04
BP-9-SUR	Uranium-240	-6.27E-05	U	1.07E-03	2.98E-03	2.98E+02	2.98E+04
BP-10-SUR	Uranium-240	-2.65E-04	U	1.21E-03	3.72E-03	2.98E+02	2.98E+04
BP-11-SUR	Uranium-240	0.00E+00	U	1.54E-03	4.52E-03	2.98E+02	2.98E+04
BP-12-SUR	Uranium-240	0.00E+00	U	1.43E-03	3.35E-03	2.98E+02	2.98E+04
BP-13-SUR	Uranium-240	5.80E-04	U	1.33E-03	3.09E-03	2.98E+02	2.98E+04
BP-14-SUR	Uranium-240	-5.09E-04	U	1.16E-03	3.58E-03	2.98E+02	2.98E+04
BP-15-SUR	Uranium-240	1.35E-03		1.25E-03	1.62E-03	2.98E+02	2.98E+04
BP-16-SUR	Uranium-240	7.60E-04	U	1.16E-03	1.52E-03	2.98E+02	2.98E+04
BP-17-SUR	Uranium-240	2.56E-04	U	1.17E-03	2.73E-03	2.98E+02	2.98E+04
BP-18-SUR	Uranium-240	2.43E-03		1.73E-03	1.82E-03	2.98E+02	2.98E+04
BP-19-SUR	Uranium-240	0.00E+00	U	1.96E-03	4.58E-03	2.98E+02	2.98E+04
BP-20-SUR	Uranium-240	-3.21E-04	U	1.47E-03	3.42E-03	2.98E+02	2.98E+04
BP-21-SUR	Uranium-240	7.25E-04	U	1.66E-03	2.18E-03	2.98E+02	2.98E+04
BP-22-SUR	Uranium-240	-4.40E-04	U	1.01E-03	3.09E-03	2.98E+02	2.98E+04
BP-23-SUR	Uranium-240	-5.29E-04	U	2.42E-03	5.63E-03	2.98E+02	2.98E+04
BP-24-SUR	Uranium-240	9.87E-04	U	1.51E-03	1.97E-03	2.98E+02	2.98E+04
BP-25-SUR	Uranium-240	7.16E-05	U	1.12E-03	3.28E-03	2.98E+02	2.98E+04
BP-26-SUR	Uranium-240	4.02E-04	U	1.83E-03	4.28E-03	2.98E+02	2.98E+04
BP-27-SUR	Uranium-240	4.11E-04	U	1.88E-03	4.38E-03	2.98E+02	2.98E+04
BP-28-SUR	Uranium-240	0.00E+00	U	1.77E-03	2.33E-03	2.98E+02	2.98E+04
BP-29-SUR	Uranium-240	7.07E-04	U	1.62E-03	2.12E-03	2.98E+02	2.98E+04
BP-30-SUR	Uranium-240	3.21E-04	U	1.47E-03	1.93E-03	2.98E+02	2.98E+04
BP-31-SUR	Uranium-240	-2.08E-04	U	1.35E-03	4.05E-03	2.98E+02	2.98E+04
BP-32-SUR	Uranium-240	7.43E-04	U	1.14E-03	1.49E-03	2.98E+02	2.98E+04
BP-33-SUR	Uranium-240	6.21E-04	U	1.42E-03	1.86E-03	2.98E+02	2.98E+04
BP-34-SUR	Uranium-240	1.71E-04	U	7.82E-04	1.03E-03	2.98E+02	2.98E+04
BP-35-SUR	Uranium-240	2.49E-04	U	1.14E-03	2.65E-03	2.98E+02	2.98E+04
BP-36-SUR	Uranium-240	4.97E-04	U	1.26E-03	2.63E-03	2.98E+02	2.98E+04
BP-37-SUR	Uranium-240	-2.11E-04	U	1.13E-03	2.65E-03	2.98E+02	2.98E+04
BP-38-SUR	Uranium-240	2.42E-04	U	1.11E-03	2.58E-03	2.98E+02	2.98E+04
BP-39-SUR	Uranium-240	0.00E+00	U	1.24E-03	2.89E-03	2.98E+02	2.98E+04
BP-40-SUR	Uranium-240	-2.11E-04	U	1.27E-03	2.95E-03	2.98E+02	2.98E+04
BP-41-SUR	Uranium-240	0.00E+00	U	1.16E-03	3.20E-03	2.98E+02	2.98E+04
BP-42-SUR	Uranium-240	6.81E-04	U	1.04E-03	2.42E-03	2.98E+02	2.98E+04

Table 51 - Uranium-240 Analytical Results

Sample ID	Analyte	Result (pCi/g)	Qualifier(s)	Uncertainty (+/- pCi/g)	MDC (pCi/g)	Agricultural 10^{-6} PRG (pCi/g)	Agricultural 10^{-4} PRG (pCi/g)
BP-43-SUR	Uranium-240	-4.33E-04	U	9.90E-04	2.72E-03	2.98E+02	2.98E+04
BP-44-SUR	Uranium-240	2.54E-04	U	1.16E-03	2.71E-03	2.98E+02	2.98E+04
BP-45-SUR	Uranium-240	0.00E+00	U	1.10E-03	2.57E-03	2.98E+02	2.98E+04
BP-46-SUR	Uranium-240	0.00E+00	U	1.35E-03	3.15E-03	2.98E+02	2.98E+04
BP-47-SUR	Uranium-240	-2.95E-04	U	1.31E-03	3.60E-03	2.98E+02	2.98E+04
BP-48-SUR	Uranium-240	-2.38E-04	U	1.09E-03	2.53E-03	2.98E+02	2.98E+04
BP-49-SUR	Uranium-240	0.00E+00	U	1.14E-03	2.66E-03	2.98E+02	2.98E+04
BP-50-SUR	Uranium-240	1.61E-03		1.52E-03	2.86E-03	2.98E+02	2.98E+04
BP-51-SUR	Uranium-240	2.71E-04	U	1.24E-03	2.88E-03	2.98E+02	2.98E+04
BP-52-SUR	Uranium-240	0.00E+00	U	1.19E-03	2.79E-03	2.98E+02	2.98E+04
BP-53-SUR	Uranium-240	-2.38E-04	U	1.09E-03	2.54E-03	2.98E+02	2.98E+04
BP-54-SUR	Uranium-240	-2.71E-04	U	1.24E-03	2.89E-03	2.98E+02	2.98E+04
Bridle Path Subsurface Samples (Santa Susana Formation)							
BP-3-SUB	Uranium-240	-3.61E-04	U	1.65E-03	3.85E-03	2.98E+02	2.98E+04
BP-4-SUB	Uranium-240	-7.29E-04	U	1.67E-03	5.13E-03	2.98E+02	2.98E+04
BP-5-SUB	Uranium-240	1.17E-03	U	1.79E-03	2.34E-03	2.98E+02	2.98E+04
BP-9-SUB	Uranium-240	4.80E-04	U	1.10E-03	2.56E-03	2.98E+02	2.98E+04
BP-12-SUB	Uranium-240	3.10E-04	U	1.41E-03	1.86E-03	2.98E+02	2.98E+04
BP-13-SUB	Uranium-240	6.55E-04	U	1.50E-03	1.97E-03	2.98E+02	2.98E+04
BP-14-SUB	Uranium-240	-4.03E-04	U	1.84E-03	5.07E-03	2.98E+02	2.98E+04
BP-16-SUB	Uranium-240	0.00E+00	U	1.98E-03	4.62E-03	2.98E+02	2.98E+04
BP-20-SUB	Uranium-240	-1.97E-04	U	1.63E-03	4.89E-03	2.98E+02	2.98E+04
BP-23-SUB	Uranium-240	2.08E-04	U	9.48E-04	2.61E-03	2.98E+02	2.98E+04
BP-29-SUB	Uranium-240	-3.33E-04	U	1.52E-03	3.54E-03	2.98E+02	2.98E+04
BP-34-SUB	Uranium-240	2.99E-04	U	1.37E-03	1.79E-03	2.98E+02	2.98E+04
BP-35-SUB	Uranium-240	-4.03E-04	U	9.94E-04	2.97E-03	2.98E+02	2.98E+04
BP-38-SUB	Uranium-240	-8.22E-04	U	1.04E-03	3.56E-03	2.98E+02	2.98E+04
BP-43-SUB	Uranium-240	-9.48E-04	U	1.50E-03	4.51E-03	2.98E+02	2.98E+04
BP-45-SUB	Uranium-240	3.87E-04	U	1.54E-03	2.02E-03	2.98E+02	2.98E+04
BP-46-SUB	Uranium-240	-3.34E-04	U	1.95E-03	4.56E-03	2.98E+02	2.98E+04
BP-48-SUB	Uranium-240	6.37E-04	U	1.44E-03	1.87E-03	2.98E+02	2.98E+04
BP-50-SUB	Uranium-240	2.13E-04	U	1.27E-03	3.49E-03	2.98E+02	2.98E+04
BP-51-SUB	Uranium-240	0.00E+00	U	1.19E-03	1.56E-03	2.98E+02	2.98E+04

Notes:

pCi/g - Picocuries per gram of dry soil. Analyses for H-3, C-14, Tc-99, and I-129 are reported in units of pCi per gram of "as-received" soil.

MDC - Minimum Detectable Concentration

PRG - Preliminary Remediation Goal

Uncertainty - Reported at the 1.96σ Confidence Interval. Gamma Spec. Reported at the 2σ Confidence Interval.

Data Qualifiers:

B - Analyte present, but not detected substantially above the level reported in laboratory or field blanks.

J - The analyte was detected at the reported concentration: the quantitation is an estimate.

K - Analyte present. Reported value may be biased high. Actual value is expected to be lower.

L - Analyte present. Reported value may be biased low. Actual value is expected to be higher.

R - The result is rejected due to serious deficiences in the ability to analyze the sample and meet the Quality Control criteria.

U - Not considered detected. The associated number is the reported concentration.

UJ - Not considered detected. The associated number is the reported concentration which may be inaccurate.

UL - Not considered detected. The associated number is the reported concentration which may be inaccurate due to a low bias.

X - Excluded. The data point is associated with reanalyses or diluted analyses and is excluded because another result has been selecetd as the definitive result for the analyte

These results are qualified based on the usability of the data for its intended purpose, which is to develop a statistical profile against which to compare individual on-site sample results, to determine the extent of potential site contamination that may be attributable to site activities.

Table 52 - Strontium-90 Analytical Results

Sample ID	Analyte	Result (pCi/g)	Qualifier(s)	Uncertainty (+/- pCi/g)	MDC (pCi/g)	Agricultural 10^{-6} PRG (pCi/g)	Agricultural 10^{-4} PRG (pCi/g)
Lang Ranch Surface Samples (Chatsworth Formation)							
LR-1-SUR	Strontium-90	2.38E-02		1.33E-02	1.85E-02	1.39E-03	1.39E-01
LR-2-SUR	Strontium-90	2.52E-02		1.19E-02	1.52E-02	1.39E-03	1.39E-01
LR-3-SUR	Strontium-90	1.69E-02		1.21E-02	1.83E-02	1.39E-03	1.39E-01
LR-4-SUR	Strontium-90	1.90E-02		1.04E-02	1.42E-02	1.39E-03	1.39E-01
LR-5-SUR	Strontium-90	3.11E-02		1.45E-02	1.84E-02	1.39E-03	1.39E-01
LR-6-SUR	Strontium-90	5.29E-02		1.70E-02	1.61E-02	1.39E-03	1.39E-01
LR-7-SUR	Strontium-90	3.48E-02		1.40E-02	1.59E-02	1.39E-03	1.39E-01
LR-8-SUR	Strontium-90	2.71E-02		1.31E-02	1.70E-02	1.39E-03	1.39E-01
LR-9-SUR	Strontium-90	5.07E-02		1.65E-02	1.61E-02	1.39E-03	1.39E-01
LR-10-SUR	Strontium-90	1.75E-02	L	1.06E-02	1.51E-02	1.39E-03	1.39E-01
LR-11-SUR	Strontium-90	2.71E-02	L	1.24E-02	1.57E-02	1.39E-03	1.39E-01
LR-12-SUR	Strontium-90	1.39E-02		1.03E-02	1.57E-02	1.39E-03	1.39E-01
LR-13-SUR	Strontium-90	5.28E-02		1.83E-02	1.87E-02	1.39E-03	1.39E-01
LR-14-SUR	Strontium-90	2.69E-02		1.30E-02	1.67E-02	1.39E-03	1.39E-01
LR-15-SUR	Strontium-90	1.65E-02		1.17E-02	1.77E-02	1.39E-03	1.39E-01
LR-16-SUR	Strontium-90	2.80E-02		1.32E-02	1.70E-02	1.39E-03	1.39E-01
LR-17-SUR	Strontium-90	2.50E-02		1.34E-02	1.83E-02	1.39E-03	1.39E-01
LR-18-SUR	Strontium-90	1.39E-02		1.06E-02	1.65E-02	1.39E-03	1.39E-01
LR-19-SUR	Strontium-90	3.13E-02		1.29E-02	1.52E-02	1.39E-03	1.39E-01
LR-20-SUR	Strontium-90	3.88E-02		1.38E-02	1.45E-02	1.39E-03	1.39E-01
LR-21-SUR	Strontium-90	3.60E-02		1.59E-02	1.95E-02	1.39E-03	1.39E-01
LR-22-SUR	Strontium-90	2.39E-02		1.23E-02	1.62E-02	1.39E-03	1.39E-01
LR-23-SUR	Strontium-90	3.23E-02		1.42E-02	1.76E-02	1.39E-03	1.39E-01
LR-24-SUR	Strontium-90	3.03E-02		1.34E-02	1.66E-02	1.39E-03	1.39E-01
LR-25-SUR	Strontium-90	2.62E-02		1.35E-02	1.81E-02	1.39E-03	1.39E-01
LR-26-SUR	Strontium-90	2.28E-02		1.17E-02	1.58E-02	1.39E-03	1.39E-01
LR-27-SUR	Strontium-90	3.92E-02		1.38E-02	1.45E-02	1.39E-03	1.39E-01
Lang Ranch Subsurface Samples (Chatsworth Formation)							
LR-3-SUB	Strontium-90	-4.42E-03	U	6.75E-03	1.47E-02	1.39E-03	1.39E-01
LR-4-SUB	Strontium-90	4.10E-03	U	7.80E-03	1.39E-02	1.39E-03	1.39E-01
LR-9-SUB	Strontium-90	9.28E-03		8.25E-03	1.31E-02	1.39E-03	1.39E-01
LR-13-SUB	Strontium-90	-4.81E-03	UL	6.17E-03	1.35E-02	1.39E-03	1.39E-01
LR-15-SUB	Strontium-90	1.19E-02		9.70E-03	1.52E-02	1.39E-03	1.39E-01
LR-18-SUB	Strontium-90	1.08E-02		1.01E-02	1.64E-02	1.39E-03	1.39E-01
LR-19-SUB	Strontium-90	3.41E-03	U	8.66E-03	1.58E-02	1.39E-03	1.39E-01
LR-23-SUB	Strontium-90	5.75E-03	U	9.12E-03	1.60E-02	1.39E-03	1.39E-01
LR-24-SUB	Strontium-90	-3.71E-03	U	8.78E-03	1.79E-02	1.39E-03	1.39E-01
LR-26-SUB	Strontium-90	-1.25E-03	U	8.00E-03	1.59E-02	1.39E-03	1.39E-01
Rocky Peak Surface Samples (Chatsworth Formation)							
RP-1-SUR	Strontium-90	2.45E-02		1.24E-02	1.65E-02	1.39E-03	1.39E-01
RP-2-SUR	Strontium-90	1.57E-02		1.04E-02	1.53E-02	1.39E-03	1.39E-01
RP-3-SUR	Strontium-90	4.93E-03	U	9.96E-03	1.78E-02	1.39E-03	1.39E-01
RP-4-SUR	Strontium-90	4.11E-02		1.48E-02	1.57E-02	1.39E-03	1.39E-01
RP-5-SUR	Strontium-90	8.00E-02		2.19E-02	1.68E-02	1.39E-03	1.39E-01
RP-6-SUR	Strontium-90	8.36E-02		2.26E-02	1.74E-02	1.39E-03	1.39E-01
RP-7-SUR	Strontium-90	4.63E-02		1.46E-02	1.32E-02	1.39E-03	1.39E-01
RP-8-SUR	Strontium-90	3.58E-02		1.42E-02	1.70E-02	1.39E-03	1.39E-01
RP-9-SUR	Strontium-90	5.25E-02		1.52E-02	1.26E-02	1.39E-03	1.39E-01
RP-10-SUR	Strontium-90	5.21E-02		1.53E-02	1.31E-02	1.39E-03	1.39E-01
RP-11-SUR	Strontium-90	2.45E-02		1.16E-02	1.50E-02	1.39E-03	1.39E-01
RP-12-SUR	Strontium-90	2.55E-02		1.22E-02	1.57E-02	1.39E-03	1.39E-01
RP-13-SUR	Strontium-90	1.22E-02		8.63E-03	1.30E-02	1.39E-03	1.39E-01
RP-14-SUR	Strontium-90	2.73E-02		1.12E-02	1.32E-02	1.39E-03	1.39E-01
RP-15-SUR	Strontium-90	4.78E-02		1.57E-02	1.56E-02	1.39E-03	1.39E-01
RP-16-SUR	Strontium-90	6.91E-02		1.90E-02	1.44E-02	1.39E-03	1.39E-01
RP-17-SUR	Strontium-90	2.93E-02		1.18E-02	1.38E-02	1.39E-03	1.39E-01
RP-18-SUR	Strontium-90	6.57E-02		1.86E-02	1.55E-02	1.39E-03	1.39E-01
RP-19-SUR	Strontium-90	4.92E-02		1.48E-02	1.30E-02	1.39E-03	1.39E-01
RP-20-SUR	Strontium-90	2.28E-02		1.03E-02	1.26E-02	1.39E-03	1.39E-01
RP-21-SUR	Strontium-90	1.83E-02		1.11E-02	1.58E-02	1.39E-03	1.39E-01
RP-22-SUR	Strontium-90	7.01E-02		1.82E-02	1.25E-02	1.39E-03	1.39E-01
RP-23-SUR	Strontium-90	2.35E-02		1.04E-02	1.27E-02	1.39E-03	1.39E-01
RP-24-SUR	Strontium-90	3.90E-02		1.29E-02	1.27E-02	1.39E-03	1.39E-01
RP-25-SUR	Strontium-90	-7.97E-03	U	9.07E-03	1.92E-02	1.39E-03	1.39E-01
RP-26-SUR	Strontium-90	3.30E-02		1.29E-02	1.43E-02	1.39E-03	1.39E-01
RP-27-SUR	Strontium-90	4.30E-02		1.64E-02	1.87E-02	1.39E-03	1.39E-01
RP-28-SUR	Strontium-90	3.26E-02		1.29E-02	1.47E-02	1.39E-03	1.39E-01
Rocky Peak Subsurface Samples (Chatsworth Formation)							
RP-1-SUB	Strontium-90	6.08E-02	L	1.75E-02	1.50E-02	1.39E-03	1.39E-01
RP-5-SUB	Strontium-90	1.99E-03	U	8.12E-03	1.52E-02	1.39E-03	1.39E-01
RP-7-SUB	Strontium-90	8.26E-03	U	9.34E-03	1.56E-02	1.39E-03	1.39E-01
RP-12-SUB	Strontium-90	-6.04E-03	U	8.92E-03	1.92E-02	1.39E-03	1.39E-01

Table 52 - Strontium-90 Analytical Results

Sample ID	Analyte	Result (pCi/g)	Qualifier(s)	Uncertainty (+/- pCi/g)	MDC (pCi/g)	Agricultural 10^{-6} PRG (pCi/g)	Agricultural 10^{-4} PRG (pCi/g)
RP-13-SUB	Strontium-90	1.07E-02	U	1.09E-02	1.79E-02	1.39E-03	1.39E-01
RP-17-SUB	Strontium-90	-1.20E-02	RU	6.66E-03	1.61E-02	1.39E-03	1.39E-01
RP-18-SUB	Strontium-90	2.62E-03	U	7.30E-03	1.34E-02	1.39E-03	1.39E-01
RP-19-SUB	Strontium-90	2.21E-03	U	9.53E-03	1.77E-02	1.39E-03	1.39E-01
RP-20-SUB	Strontium-90	6.03E-03	U	9.37E-03	1.64E-02	1.39E-03	1.39E-01
RP-28-SUB	Strontium-90	8.41E-03	U	9.76E-03	1.64E-02	1.39E-03	1.39E-01
Bridle Path Surface Samples (Santa Susana Formation)							
BP-1-SUR	Strontium-90	2.06E-02		1.02E-02	1.34E-02	1.39E-03	1.39E-01
BP-2-SUR	Strontium-90	2.46E-02		1.09E-02	1.35E-02	1.39E-03	1.39E-01
BP-3-SUR	Strontium-90	9.84E-03	U	9.94E-03	1.63E-02	1.39E-03	1.39E-01
BP-4-SUR	Strontium-90	1.23E-02		9.69E-03	1.50E-02	1.39E-03	1.39E-01
BP-5-SUR	Strontium-90	2.60E-02		1.28E-02	1.73E-02	1.39E-03	1.39E-01
BP-6-SUR	Strontium-90	1.00E-02		9.14E-03	1.47E-02	1.39E-03	1.39E-01
BP-7-SUR	Strontium-90	2.45E-02		1.17E-02	1.50E-02	1.39E-03	1.39E-01
BP-8-SUR	Strontium-90	2.00E-02		1.05E-02	1.43E-02	1.39E-03	1.39E-01
BP-9-SUR	Strontium-90	2.10E-02		1.09E-02	1.48E-02	1.39E-03	1.39E-01
BP-10-SUR	Strontium-90	2.36E-02		1.03E-02	1.24E-02	1.39E-03	1.39E-01
BP-11-SUR	Strontium-90	3.46E-03	U	9.60E-03	1.74E-02	1.39E-03	1.39E-01
BP-12-SUR	Strontium-90	2.34E-02		1.02E-02	1.25E-02	1.39E-03	1.39E-01
BP-13-SUR	Strontium-90	2.45E-02		1.08E-02	1.33E-02	1.39E-03	1.39E-01
BP-14-SUR	Strontium-90	1.93E-02	L	9.07E-03	1.16E-02	1.39E-03	1.39E-01
BP-15-SUR	Strontium-90	2.95E-03	U	7.93E-03	1.45E-02	1.39E-03	1.39E-01
BP-16-SUR	Strontium-90	2.87E-02		1.16E-02	1.34E-02	1.39E-03	1.39E-01
BP-17-SUR	Strontium-90	1.70E-02		9.33E-03	1.28E-02	1.39E-03	1.39E-01
BP-18-SUR	Strontium-90	3.13E-02		1.25E-02	1.48E-02	1.39E-03	1.39E-01
BP-19-SUR	Strontium-90	2.63E-02	L	1.05E-02	1.19E-02	1.39E-03	1.39E-01
BP-20-SUR	Strontium-90	2.81E-02		1.25E-02	1.60E-02	1.39E-03	1.39E-01
BP-21-SUR	Strontium-90	2.05E-02		9.99E-03	1.30E-02	1.39E-03	1.39E-01
BP-22-SUR	Strontium-90	1.56E-02	L	9.14E-03	1.30E-02	1.39E-03	1.39E-01
BP-23-SUR	Strontium-90	2.46E-02		1.06E-02	1.28E-02	1.39E-03	1.39E-01
BP-24-SUR	Strontium-90	2.14E-02		1.03E-02	1.33E-02	1.39E-03	1.39E-01
BP-25-SUR	Strontium-90	2.79E-02		1.11E-02	1.29E-02	1.39E-03	1.39E-01
BP-26-SUR	Strontium-90	3.93E-02		1.31E-02	1.26E-02	1.39E-03	1.39E-01
BP-27-SUR	Strontium-90	3.25E-02	L	1.30E-02	1.56E-02	1.39E-03	1.39E-01
BP-28-SUR	Strontium-90	1.44E-02		8.96E-03	1.29E-02	1.39E-03	1.39E-01
BP-29-SUR	Strontium-90	2.78E-02		1.13E-02	1.33E-02	1.39E-03	1.39E-01
BP-30-SUR	Strontium-90	2.18E-02		1.01E-02	1.28E-02	1.39E-03	1.39E-01
BP-31-SUR	Strontium-90	1.41E-02		1.09E-02	1.69E-02	1.39E-03	1.39E-01
BP-32-SUR	Strontium-90	1.11E-02		1.03E-02	1.66E-02	1.39E-03	1.39E-01
BP-33-SUR	Strontium-90	1.29E-02		8.56E-03	1.26E-02	1.39E-03	1.39E-01
BP-34-SUR	Strontium-90	1.78E-02		9.70E-03	1.33E-02	1.39E-03	1.39E-01
BP-35-SUR	Strontium-90	2.02E-02	L	9.25E-03	1.15E-02	1.39E-03	1.39E-01
BP-36-SUR	Strontium-90	2.36E-02		1.17E-02	1.58E-02	1.39E-03	1.39E-01
BP-37-SUR	Strontium-90	1.55E-02		9.35E-03	1.33E-02	1.39E-03	1.39E-01
BP-38-SUR	Strontium-90	1.63E-02		9.13E-03	1.27E-02	1.39E-03	1.39E-01
BP-39-SUR	Strontium-90	1.60E-02		9.65E-03	1.39E-02	1.39E-03	1.39E-01
BP-40-SUR	Strontium-90	1.68E-02		9.09E-03	1.24E-02	1.39E-03	1.39E-01
BP-41-SUR	Strontium-90	1.85E-02		1.07E-02	1.50E-02	1.39E-03	1.39E-01
BP-42-SUR	Strontium-90	1.54E-02		1.00E-02	1.48E-02	1.39E-03	1.39E-01
BP-43-SUR	Strontium-90	2.24E-02		1.15E-02	1.56E-02	1.39E-03	1.39E-01
BP-44-SUR	Strontium-90	3.57E-02		1.33E-02	1.44E-02	1.39E-03	1.39E-01
BP-45-SUR	Strontium-90	1.22E-02		9.33E-03	1.43E-02	1.39E-03	1.39E-01
BP-46-SUR	Strontium-90	3.26E-02		1.26E-02	1.43E-02	1.39E-03	1.39E-01
BP-47-SUR	Strontium-90	1.04E-02		9.13E-03	1.45E-02	1.39E-03	1.39E-01
BP-48-SUR	Strontium-90	1.14E-02		1.09E-02	1.77E-02	1.39E-03	1.39E-01
BP-49-SUR	Strontium-90	9.35E-03	U	9.55E-03	1.57E-02	1.39E-03	1.39E-01
BP-50-SUR	Strontium-90	2.32E-02		1.31E-02	1.86E-02	1.39E-03	1.39E-01
BP-51-SUR	Strontium-90	2.22E-02		1.06E-02	1.37E-02	1.39E-03	1.39E-01
BP-52-SUR	Strontium-90	2.01E-02		1.01E-02	1.34E-02	1.39E-03	1.39E-01
BP-53-SUR	Strontium-90	1.74E-02		1.11E-02	1.62E-02	1.39E-03	1.39E-01
BP-54-SUR	Strontium-90	1.74E-02		9.84E-03	1.36E-02	1.39E-03	1.39E-01
Bridle Path Subsurface Samples (Santa Susana Formation)							
BP-3-SUB	Strontium-90	2.69E-04	U	8.50E-03	1.63E-02	1.39E-03	1.39E-01
BP-4-SUB	Strontium-90	1.55E-02		1.04E-02	1.54E-02	1.39E-03	1.39E-01
BP-5-SUB	Strontium-90	5.08E-04	U	6.83E-03	1.33E-02	1.39E-03	1.39E-01
BP-9-SUB	Strontium-90	-2.31E-03	U	7.99E-03	1.63E-02	1.39E-03	1.39E-01
BP-12-SUB	Strontium-90	9.79E-03	U	9.84E-03	1.61E-02	1.39E-03	1.39E-01
BP-13-SUB	Strontium-90	-1.27E-03	U	7.09E-03	1.41E-02	1.39E-03	1.39E-01
BP-14-SUB	Strontium-90	4.30E-03	U	9.97E-03	1.81E-02	1.39E-03	1.39E-01
BP-16-SUB	Strontium-90	2.51E-03	U	7.29E-03	1.34E-02	1.39E-03	1.39E-01
BP-20-SUB	Strontium-90	4.54E-03	U	7.35E-03	1.29E-02	1.39E-03	1.39E-01
BP-23-SUB	Strontium-90	-1.72E-03	U	7.97E-03	1.60E-02	1.39E-03	1.39E-01
BP-29-SUB	Strontium-90	5.97E-03	U	9.66E-03	1.69E-02	1.39E-03	1.39E-01
BP-34-SUB	Strontium-90	-4.50E-03	U	6.89E-03	1.47E-02	1.39E-03	1.39E-01

Table 52 - Strontium-90 Analytical Results

Sample ID	Analyte	Result (pCi/g)	Qualifier(s)	Uncertainty (+/- pCi/g)	MDC (pCi/g)	Agricultural 10^{-6} PRG (pCi/g)	Agricultural 10^{-4} PRG (pCi/g)
BP-35-SUB	Strontium-90	-1.31E-03	U	1.07E-02	2.10E-02	1.39E-03	1.39E-01
BP-38-SUB	Strontium-90	1.82E-03	U	8.32E-03	1.56E-02	1.39E-03	1.39E-01
BP-43-SUB	Strontium-90	2.70E-03	U	7.40E-03	1.36E-02	1.39E-03	1.39E-01
BP-45-SUB	Strontium-90	-3.02E-04	U	6.87E-03	1.34E-02	1.39E-03	1.39E-01
BP-46-SUB	Strontium-90	9.09E-04	U	6.93E-03	1.32E-02	1.39E-03	1.39E-01
BP-48-SUB	Strontium-90	3.61E-03	U	9.09E-03	1.67E-02	1.39E-03	1.39E-01
BP-50-SUB	Strontium-90	-2.75E-03	U	8.00E-03	1.64E-02	1.39E-03	1.39E-01
BP-51-SUB	Strontium-90	1.30E-02		9.68E-03	1.47E-02	1.39E-03	1.39E-01
Distance Test Locations							
NW-2-SUR (SP-10)	Strontium-90	2.45E-02		1.50E-02	2.17E-02	1.39E-03	1.39E-01
NW-3-SUR (SP-13)	Strontium-90	2.24E-02		1.42E-02	2.07E-02	1.39E-03	1.39E-01
NW-4-SUR (LP-14)	Strontium-90	2.77E-02		1.29E-02	1.64E-02	1.39E-03	1.39E-01
NW-5-SUR (LP-7)	Strontium-90	2.70E-02		1.51E-02	2.09E-02	1.39E-03	1.39E-01
NW-6-SUR (LP-8)	Strontium-90	4.51E-02		1.59E-02	1.63E-02	1.39E-03	1.39E-01
SW-1-SUR (Z-10)	Strontium-90	3.37E-03	U	9.77E-03	1.79E-02	1.39E-03	1.39E-01
SW-3-SUR (Z-4)	Strontium-90	1.29E-01		3.08E-02	1.83E-02	1.39E-03	1.39E-01
SW-5-SUR (Z-14)	Strontium-90	1.56E-03	U	1.10E-02	2.09E-02	1.39E-03	1.39E-01
SW-6-SUR (Z-13)	Strontium-90	3.49E-03	U	8.72E-03	1.59E-02	1.39E-03	1.39E-01
SW-7-SUR (Z-3)	Strontium-90	4.30E-03	U	1.20E-02	2.19E-02	1.39E-03	1.39E-01
SE-1-SUR (SR-2)	Strontium-90	-1.26E-02	UL	1.09E-02	2.51E-02	1.39E-03	1.39E-01
SE-2-SUR (SR-3)	Strontium-90	1.36E-02	U	1.81E-02	3.10E-02	1.39E-03	1.39E-01
SE-3-SUR (TP-11)	Strontium-90	3.58E-03	U	1.01E-02	1.85E-02	1.39E-03	1.39E-01
SE-4-SUR (TP-14)	Strontium-90	1.01E-03	U	7.73E-03	1.47E-02	1.39E-03	1.39E-01
SE-6-SUR (TP-16)	Strontium-90	1.12E-02		9.66E-03	1.53E-02	1.39E-03	1.39E-01
NE-1-SUR (RC-7)	Strontium-90	2.73E-02		1.20E-02	1.43E-02	1.39E-03	1.39E-01
NE-3-SUR (SCT-5	Strontium-90	3.53E-02		1.36E-02	1.53E-02	1.39E-03	1.39E-01
NE-4-SUR (SCT-9)	Strontium-90	3.34E-02		1.55E-02	1.98E-02	1.39E-03	1.39E-01
NE-5-SUR (SCT-10)	Strontium-90	3.22E-02		1.37E-02	1.67E-02	1.39E-03	1.39E-01
NE-6-SUR (SCT-11)	Strontium-90	2.91E-02		1.21E-02	1.42E-02	1.39E-03	1.39E-01

Notes:

pCi/g - Picocuries per gram of dry soil. Analyses for H-3, C-14, Tc-99, and I-129 are reported in units of pCi per gram of "as-received" soil.

MDC - Minimum Detectable Concentration

PRG - Preliminary Remediation Goal

Uncertainty - Reported at the 1.96σ Confidence Interval. Gamma Spec. Reported at the 2σ Confidence Interval.

Data Qualifiers:

B - Analyte present, but not detected substantially above the level reported in laboratory or field blanks.

J - The analyte was detected at the reported concentration: the quantitation is an estimate.

K - Analyte present. Reported value may be biased high. Actual value is expected to be lower.

L - Analyte present. Reported value may be biased low. Actual value is expected to be higher.

R - The result is rejected due to serious deficiences in the ability to analyze the sample and meet the Quality Control criteria.

U - Not considered detected. The associated number is the reported concentration.

UJ - Not considered detected. The associated number is the reported concentration which may be inaccurate.

UL - Not considered detected. The associated number is the reported concentration which may be inaccurate due to a low bias.

X - Excluded. The data point is associated with reanalyses or diluted analyses and is excluded because another result has been selecetd as the definitive result for the analyte

These results are qualified based on the usability of the data for its intended purpose, which is to develop a statistical profile against which to compare individual on-site sample results, to determine the extent of potential site contamination that may be attributable to site activities.

Table 53 - Tritium Analytical Results

Sample ID	Analyte	Result (pCi/g)	Qualifier(s)	Uncertainty (+/- pCi/g)	MDC (pCi/g)	Agricultural 10^{-6} PRG (pCi/g)	Agricultural 10^{-4} PRG (pCi/g)
Lang Ranch Surface Samples (Chatsworth Formation)							
LR-1-SUR	Tritium	-1.64E+00	U	3.31E+00	6.47E+00	1.60E-01	1.60E+01
LR-2-SUR	Tritium	1.63E+00	U	3.53E+00	6.44E+00	1.60E-01	1.60E+01
LR-3-SUR	Tritium	8.66E-01	U	3.41E+00	6.35E+00	1.60E-01	1.60E+01
LR-4-SUR	Tritium	5.94E-01	U	3.25E+00	6.10E+00	1.60E-01	1.60E+01
LR-5-SUR	Tritium	-2.90E+00	U	3.42E+00	6.76E+00	1.60E-01	1.60E+01
LR-6-SUR	Tritium	-9.64E-01	U	3.20E+00	6.19E+00	1.60E-01	1.60E+01
LR-7-SUR	Tritium	-1.18E-01	U	3.18E+00	6.06E+00	1.60E-01	1.60E+01
LR-8-SUR	Tritium	3.86E-01	U	3.50E+00	6.60E+00	1.60E-01	1.60E+01
LR-9-SUR	Tritium	-1.64E+00	U	3.31E+00	6.47E+00	1.60E-01	1.60E+01
LR-10-SUR	Tritium	-4.18E-01	U	2.79E+00	5.36E+00	1.60E-01	1.60E+01
LR-11-SUR	Tritium	2.37E+00	U	3.41E+00	6.09E+00	1.60E-01	1.60E+01
LR-12-SUR	Tritium	-6.54E-01	U	3.53E+00	6.78E+00	1.60E-01	1.60E+01
LR-13-SUR	Tritium	6.10E-01	U	3.34E+00	6.27E+00	1.60E-01	1.60E+01
LR-14-SUR	Tritium	3.37E+00	U	3.37E+00	5.77E+00	1.60E-01	1.60E+01
LR-15-SUR	Tritium	-5.87E-01	U	3.13E+00	6.02E+00	1.60E-01	1.60E+01
LR-16-SUR	Tritium	-2.50E-01	U	3.36E+00	6.43E+00	1.60E-01	1.60E+01
LR-17-SUR	Tritium	-7.60E-01	U	2.88E+00	5.57E+00	1.60E-01	1.60E+01
LR-18-SUR	Tritium	0.00E+00	U	3.47E+00	6.59E+00	1.60E-01	1.60E+01
LR-19-SUR	Tritium	1.51E+00	U	3.04E+00	5.57E+00	1.60E-01	1.60E+01
LR-20-SUR	Tritium	1.02E+00	U	2.90E+00	5.40E+00	1.60E-01	1.60E+01
LR-21-SUR	Tritium	3.03E+00	U	3.33E+00	5.81E+00	1.60E-01	1.60E+01
LR-22-SUR	Tritium	2.22E-01	U	2.79E+00	5.32E+00	1.60E-01	1.60E+01
LR-23-SUR	Tritium	-8.95E-01	U	3.13E+00	6.12E+00	1.60E-01	1.60E+01
LR-24-SUR	Tritium	4.23E+00		3.57E+00	5.96E+00	1.60E-01	1.60E+01
LR-25-SUR	Tritium	6.37E-01	U	3.23E+00	6.10E+00	1.60E-01	1.60E+01
LR-26-SUR	Tritium	-2.23E+00	U	2.66E+00	5.34E+00	1.60E-01	1.60E+01
LR-27-SUR	Tritium	5.76E-01	U	2.92E+00	5.51E+00	1.60E-01	1.60E+01
Lang Ranch Subsurface Samples (Chatsworth Formation)							
LR-3-SUB	Tritium	2.10E+00	U	3.10E+00	5.57E+00	1.60E-01	1.60E+01
LR-4-SUB	Tritium	-2.13E+00	U	2.83E+00	5.67E+00	1.60E-01	1.60E+01
LR-9-SUB	Tritium	1.42E+00	U	3.34E+00	6.18E+00	1.60E-01	1.60E+01
LR-13-SUB	Tritium	1.74E+00	U	3.26E+00	5.95E+00	1.60E-01	1.60E+01
LR-15-SUB	Tritium	2.14E+00	U	3.16E+00	5.68E+00	1.60E-01	1.60E+01
LR-18-SUB	Tritium	4.36E+00		3.67E+00	6.14E+00	1.60E-01	1.60E+01
LR-19-SUB	Tritium	3.83E+00		3.40E+00	5.73E+00	1.60E-01	1.60E+01
LR-23-SUB	Tritium	3.08E+00	U	3.27E+00	5.68E+00	1.60E-01	1.60E+01
LR-24-SUB	Tritium	1.35E+00	U	3.19E+00	5.89E+00	1.60E-01	1.60E+01
LR-26-SUB	Tritium	3.48E+00		3.36E+00	5.75E+00	1.60E-01	1.60E+01
Rocky Peak Surface Samples (Chatsworth Formation)							
RP-1-SUR	Tritium	1.39E+00	U	3.14E+00	5.76E+00	1.60E-01	1.60E+01
RP-2-SUR	Tritium	6.69E-01	U	2.97E+00	5.57E+00	1.60E-01	1.60E+01
RP-3-SUR	Tritium	-2.06E+00	U	3.26E+00	6.44E+00	1.60E-01	1.60E+01
RP-4-SUR	Tritium	2.69E+00	U	2.97E+00	5.16E+00	1.60E-01	1.60E+01
RP-5-SUR	Tritium	-1.95E+00	U	3.08E+00	6.09E+00	1.60E-01	1.60E+01
RP-6-SUR	Tritium	-3.84E-01	U	3.32E+00	6.38E+00	1.60E-01	1.60E+01
RP-7-SUR	Tritium	-5.63E-01	U	2.90E+00	5.61E+00	1.60E-01	1.60E+01
RP-8-SUR	Tritium	-3.78E-01	U	3.27E+00	6.28E+00	1.60E-01	1.60E+01
RP-9-SUR	Tritium	3.90E+00		3.79E+00	6.48E+00	1.60E-01	1.60E+01
RP-10-SUR	Tritium	6.95E-01	U	2.65E+00	4.95E+00	1.60E-01	1.60E+01
RP-11-SUR	Tritium	-6.98E-01	U	2.99E+00	5.80E+00	1.60E-01	1.60E+01
RP-12-SUR	Tritium	-1.69E+00	U	3.29E+00	6.47E+00	1.60E-01	1.60E+01
RP-13-SUR	Tritium	7.34E-01	U	3.26E+00	6.10E+00	1.60E-01	1.60E+01
RP-14-SUR	Tritium	-1.26E-01	U	3.29E+00	6.30E+00	1.60E-01	1.60E+01
RP-15-SUR	Tritium	5.59E-01	U	2.97E+00	5.58E+00	1.60E-01	1.60E+01
RP-16-SUR	Tritium	3.95E-01	U	3.47E+00	6.56E+00	1.60E-01	1.60E+01
RP-17-SUR	Tritium	-7.22E-01	U	3.10E+00	6.00E+00	1.60E-01	1.60E+01
RP-18-SUR	Tritium	7.15E-01	U	3.17E+00	5.94E+00	1.60E-01	1.60E+01
RP-19-SUR	Tritium	-5.68E-01	U	3.11E+00	5.97E+00	1.60E-01	1.60E+01
RP-20-SUR	Tritium	6.14E-01	U	3.45E+00	6.45E+00	1.60E-01	1.60E+01
RP-21-SUR	Tritium	-1.07E+00	U	2.92E+00	5.65E+00	1.60E-01	1.60E+01

Table 53 - Tritium Analytical Results

Sample ID	Analyte	Result (pCi/g)	Qualifier(s)	Uncertainty (+/- pCi/g)	MDC (pCi/g)	Agricultural 10^{-6} PRG (pCi/g)	Agricultural 10^{-4} PRG (pCi/g)
RP-22-SUR	Tritium	3.75E+00	U	3.72E+00	6.35E+00	1.60E-01	1.60E+01
RP-23-SUR	Tritium	-2.41E-01	U	3.32E+00	6.33E+00	1.60E-01	1.60E+01
RP-24-SUR	Tritium	-1.36E+00	U	3.35E+00	6.50E+00	1.60E-01	1.60E+01
RP-25-SUR	Tritium	9.45E-01	U	3.35E+00	6.20E+00	1.60E-01	1.60E+01
RP-26-SUR	Tritium	6.99E-01	U	3.28E+00	6.12E+00	1.60E-01	1.60E+01
RP-27-SUR	Tritium	3.55E-01	U	3.31E+00	6.22E+00	1.60E-01	1.60E+01
RP-28-SUR	Tritium	1.18E-01	U	3.27E+00	6.19E+00	1.60E-01	1.60E+01
Rocky Peak Subsurface Samples (Chatsworth Formation)							
RP-1-SUB	Tritium	1.45E+00	U	3.20E+00	5.84E+00	1.60E-01	1.60E+01
RP-5-SUB	Tritium	-6.96E-01	U	3.17E+00	6.09E+00	1.60E-01	1.60E+01
RP-7-SUB	Tritium	-8.08E-01	U	3.15E+00	6.06E+00	1.60E-01	1.60E+01
RP-12-SUB	Tritium	-5.60E-01	U	3.07E+00	5.88E+00	1.60E-01	1.60E+01
RP-13-SUB	Tritium	-5.67E-01	U	3.11E+00	5.96E+00	1.60E-01	1.60E+01
RP-17-SUB	Tritium	0.00E+00	U	3.20E+00	6.15E+00	1.60E-01	1.60E+01
RP-18-SUB	Tritium	1.51E+00	U	3.28E+00	6.03E+00	1.60E-01	1.60E+01
RP-19-SUB	Tritium	-8.56E-01	U	2.99E+00	5.85E+00	1.60E-01	1.60E+01
RP-20-SUB	Tritium	0.00E+00	U	3.01E+00	5.77E+00	1.60E-01	1.60E+01
RP-28-SUB	Tritium	3.10E+00	U	3.08E+00	5.30E+00	1.60E-01	1.60E+01
Bridle Path Surface Samples (Santa Susana Formation)							
BP-1-SUR	Tritium	2.80E+00	U	3.37E+00	5.94E+00	1.60E-01	1.60E+01
BP-2-SUR	Tritium	7.38E-01	U	2.61E+00	4.91E+00	1.60E-01	1.60E+01
BP-3-SUR	Tritium	4.47E-01	U	2.74E+00	5.21E+00	1.60E-01	1.60E+01
BP-4-SUR	Tritium	2.16E+00	U	2.96E+00	5.30E+00	1.60E-01	1.60E+01
BP-5-SUR	Tritium	1.23E+00	U	3.09E+00	5.74E+00	1.60E-01	1.60E+01
BP-6-SUR	Tritium	2.44E+00	U	2.71E+00	4.74E+00	1.60E-01	1.60E+01
BP-7-SUR	Tritium	6.00E-01	U	2.95E+00	5.58E+00	1.60E-01	1.60E+01
BP-8-SUR	Tritium	1.55E+00	U	3.03E+00	5.56E+00	1.60E-01	1.60E+01
BP-9-SUR	Tritium	2.14E+00	U	2.80E+00	4.99E+00	1.60E-01	1.60E+01
BP-10-SUR	Tritium	2.34E+00	U	2.60E+00	4.54E+00	1.60E-01	1.60E+01
BP-11-SUR	Tritium	2.10E+00	U	3.20E+00	5.77E+00	1.60E-01	1.60E+01
BP-12-SUR	Tritium	2.98E+00	U	2.99E+00	5.15E+00	1.60E-01	1.60E+01
BP-13-SUR	Tritium	1.84E+00	U	2.79E+00	5.03E+00	1.60E-01	1.60E+01
BP-14-SUR	Tritium	2.11E+00	U	2.76E+00	4.91E+00	1.60E-01	1.60E+01
BP-15-SUR	Tritium	2.30E+00	U	3.16E+00	5.65E+00	1.60E-01	1.60E+01
BP-16-SUR	Tritium	4.69E+00		3.60E+00	5.91E+00	1.60E-01	1.60E+01
BP-17-SUR	Tritium	2.55E+00	U	3.06E+00	5.40E+00	1.60E-01	1.60E+01
BP-18-SUR	Tritium	1.84E+00	U	2.95E+00	5.35E+00	1.60E-01	1.60E+01
BP-19-SUR	Tritium	3.94E+00		3.28E+00	5.46E+00	1.60E-01	1.60E+01
BP-20-SUR	Tritium	1.39E+00	U	3.14E+00	5.76E+00	1.60E-01	1.60E+01
BP-21-SUR	Tritium	1.02E+00	U	3.06E+00	5.67E+00	1.60E-01	1.60E+01
BP-22-SUR	Tritium	-5.88E-01	U	3.03E+00	5.86E+00	1.60E-01	1.60E+01
BP-23-SUR	Tritium	-4.93E-01	U	2.55E+00	4.92E+00	1.60E-01	1.60E+01
BP-24-SUR	Tritium	7.13E-01	U	2.72E+00	5.08E+00	1.60E-01	1.60E+01
BP-25-SUR	Tritium	-1.52E+00	U	2.96E+00	5.82E+00	1.60E-01	1.60E+01
BP-26-SUR	Tritium	-1.89E+00	U	2.98E+00	5.89E+00	1.60E-01	1.60E+01
BP-27-SUR	Tritium	2.42E+00	U	3.10E+00	5.49E+00	1.60E-01	1.60E+01
BP-28-SUR	Tritium	1.92E+00	U	3.52E+00	6.40E+00	1.60E-01	1.60E+01
BP-29-SUR	Tritium	-2.72E+00	U	2.96E+00	5.90E+00	1.60E-01	1.60E+01
BP-30-SUR	Tritium	1.42E+00	U	2.97E+00	5.43E+00	1.60E-01	1.60E+01
BP-31-SUR	Tritium	1.50E+00	U	3.14E+00	5.74E+00	1.60E-01	1.60E+01
BP-32-SUR	Tritium	-3.41E-01	U	2.95E+00	5.67E+00	1.60E-01	1.60E+01
BP-33-SUR	Tritium	0.00E+00	U	3.42E+00	6.53E+00	1.60E-01	1.60E+01
BP-34-SUR	Tritium	-9.73E-01	U	3.12E+00	6.07E+00	1.60E-01	1.60E+01
BP-35-SUR	Tritium	1.13E+00	U	3.87E+00	7.28E+00	1.60E-01	1.60E+01
BP-36-SUR	Tritium	2.40E+00	U	4.00E+00	7.28E+00	1.60E-01	1.60E+01
BP-37-SUR	Tritium	-6.20E-01	U	3.56E+00	6.97E+00	1.60E-01	1.60E+01
BP-38-SUR	Tritium	0.00E+00	U	3.62E+00	7.01E+00	1.60E-01	1.60E+01
BP-39-SUR	Tritium	1.80E+00	U	4.03E+00	7.46E+00	1.60E-01	1.60E+01
BP-40-SUR	Tritium	-1.70E+00	U	3.85E+00	7.68E+00	1.60E-01	1.60E+01
BP-41-SUR	Tritium	1.30E+00	U	3.96E+00	7.43E+00	1.60E-01	1.60E+01
BP-42-SUR	Tritium	9.30E-01	U	3.73E+00	7.05E+00	1.60E-01	1.60E+01

Table 53 - Tritium Analytical Results

Sample ID	Analyte	Result (pCi/g)	Qualifier(s)	Uncertainty (+/- pCi/g)	MDC (pCi/g)	Agricultural 10^{-6} PRG (pCi/g)	Agricultural 10^{-4} PRG (pCi/g)
BP-43-SUR	Tritium	-1.32E+00	U	3.81E+00	7.56E+00	1.60E-01	1.60E+01
BP-44-SUR	Tritium	2.71E+00	U	4.03E+00	7.27E+00	1.60E-01	1.60E+01
BP-45-SUR	Tritium	-2.76E-01	U	3.31E+00	6.45E+00	1.60E-01	1.60E+01
BP-46-SUR	Tritium	-2.92E+00	U	3.87E+00	7.84E+00	1.60E-01	1.60E+01
BP-47-SUR	Tritium	1.62E+00	U	3.94E+00	7.32E+00	1.60E-01	1.60E+01
BP-48-SUR	Tritium	3.08E-01	U	3.75E+00	7.19E+00	1.60E-01	1.60E+01
BP-49-SUR	Tritium	-1.83E+00	U	3.80E+00	7.59E+00	1.60E-01	1.60E+01
BP-50-SUR	Tritium	-1.74E+00	U	3.95E+00	7.87E+00	1.60E-01	1.60E+01
BP-51-SUR	Tritium	1.75E+00	U	3.92E+00	7.27E+00	1.60E-01	1.60E+01
BP-52-SUR	Tritium	-1.82E+00	U	3.78E+00	7.56E+00	1.60E-01	1.60E+01
BP-53-SUR	Tritium	1.62E-01	U	3.65E+00	7.03E+00	1.60E-01	1.60E+01
BP-54-SUR	Tritium	-1.07E+00	U	3.50E+00	6.92E+00	1.60E-01	1.60E+01
Bridle Path Subsurface Samples (Santa Susana Formation)							
BP-3-SUB	Tritium	1.33E+00	U	4.26E+00	7.68E+00	1.60E-01	1.60E+01
BP-4-SUB	Tritium	0.00E+00	U	4.04E+00	7.41E+00	1.60E-01	1.60E+01
BP-5-SUB	Tritium	5.33E+00		4.87E+00	8.14E+00	1.60E-01	1.60E+01
BP-9-SUB	Tritium	6.37E+00		4.88E+00	7.94E+00	1.60E-01	1.60E+01
BP-12-SUB	Tritium	7.08E-01	U	4.33E+00	7.88E+00	1.60E-01	1.60E+01
BP-13-SUB	Tritium	4.08E+00	U	4.75E+00	8.16E+00	1.60E-01	1.60E+01
BP-14-SUB	Tritium	5.36E+00		4.70E+00	7.81E+00	1.60E-01	1.60E+01
BP-16-SUB	Tritium	2.10E+00	U	3.77E+00	6.67E+00	1.60E-01	1.60E+01
BP-20-SUB	Tritium	5.69E+00		4.25E+00	6.88E+00	1.60E-01	1.60E+01
BP-23-SUB	Tritium	4.21E+00	U	4.26E+00	7.21E+00	1.60E-01	1.60E+01
BP-29-SUB	Tritium	4.99E+00	U	4.91E+00	8.28E+00	1.60E-01	1.60E+01
BP-34-SUB	Tritium	2.02E+00	U	4.64E+00	8.29E+00	1.60E-01	1.60E+01
BP-35-SUB	Tritium	2.45E+00	U	4.23E+00	7.47E+00	1.60E-01	1.60E+01
BP-38-SUB	Tritium	2.57E+00	U	4.06E+00	7.14E+00	1.60E-01	1.60E+01
BP-43-SUB	Tritium	6.35E+00		4.59E+00	7.38E+00	1.60E-01	1.60E+01
BP-45-SUB	Tritium	1.95E+00	U	4.15E+00	7.45E+00	1.60E-01	1.60E+01
BP-46-SUB	Tritium	7.07E+00		4.91E+00	7.82E+00	1.60E-01	1.60E+01
BP-48-SUB	Tritium	7.27E+00		4.96E+00	7.88E+00	1.60E-01	1.60E+01
BP-50-SUB	Tritium	5.59E+00		4.30E+00	7.00E+00	1.60E-01	1.60E+01
BP-51-SUB	Tritium	6.59E+00		4.84E+00	7.82E+00	1.60E-01	1.60E+01

Notes:

pCi/g - Picocuries per gram of dry soil. Analyses for H-3, C-14, Tc-99, and I-129 are reported in units of pCi per gram of "as-received" soil.

MDC - Minimum Detectable Concentration

PRG - Preliminary Remediation Goal

Uncertainty - Reported at the 1.96σ Confidence Interval. Gamma Spec. Reported at the 2σ Confidence Interval.

Data Qualifiers:

B - Analyte present, but not detected substantially above the level reported in laboratory or field blanks.

J - The analyte was detected at the reported concentration: the quantitation is an estimate.

K - Analyte present. Reported value may be biased high. Actual value is expected to be lower.

L - Analyte present. Reported value may be biased low. Actual value is expected to be higher.

R - The result is rejected due to serious deficiences in the ability to analyze the sample and meet the Quality Control criteria.

U - Not considered detected. The associated number is the reported concentration.

UJ - Not considered detected. The associated number is the reported concentration which may be inaccurate.

UL - Not considered detected. The associated number is the reported concentration which may be inaccurate due to a low bias.

X - Excluded. The data point is associated with reanalyses or diluted analyses and is excluded because another result has been selecetd as the definitive result for the analyte

These results are qualified based on the usability of the data for its intended purpose, which is to develop a statistical profile against which to compare individual on-site sample results, to determine the extent of potential site contamination that may be attributable to site activities.

Table 54 - Carbon-14 Analytical Results

Sample ID	Analyte	Result (pCi/g)	Qualifier(s)	Uncertainty (+/- pCi/g)	MDC (pCi/g)	Agricultural 10^{-6} PRG (pCi/g)	Agricultural 10^{-4} PRG (pCi/g)
Lang Ranch Surface Samples (Chatsworth Formation)							
LR-1-SUR	Carbon-14	-2.17E-01	U	2.04E+00	3.77E+00	5.63E-05	5.63E-03
LR-2-SUR	Carbon-14	-9.58E-01	U	2.04E+00	3.83E+00	5.63E-05	5.63E-03
LR-3-SUR	Carbon-14	-9.81E-01	U	1.96E+00	3.69E+00	5.63E-05	5.63E-03
LR-4-SUR	Carbon-14	-4.92E-02	U	2.01E+00	3.70E+00	5.63E-05	5.63E-03
LR-5-SUR	Carbon-14	-1.09E-01	U	2.05E+00	3.78E+00	5.63E-05	5.63E-03
LR-6-SUR	Carbon-14	-8.12E-01	U	1.96E+00	3.67E+00	5.63E-05	5.63E-03
LR-7-SUR	Carbon-14	-3.67E-01	U	1.94E+00	3.60E+00	5.63E-05	5.63E-03
LR-8-SUR	Carbon-14	4.35E-01	U	2.00E+00	3.63E+00	5.63E-05	5.63E-03
LR-9-SUR	Carbon-14	9.13E-01	U	1.93E+00	3.44E+00	5.63E-05	5.63E-03
LR-10-SUR	Carbon-14	1.38E+00	U	2.06E+00	3.62E+00	5.63E-05	5.63E-03
LR-11-SUR	Carbon-14	1.39E+00	U	2.06E+00	3.63E+00	5.63E-05	5.63E-03
LR-12-SUR	Carbon-14	-4.26E-01	U	1.95E+00	3.63E+00	5.63E-05	5.63E-03
LR-13-SUR	Carbon-14	1.03E-01	U	1.95E+00	3.59E+00	5.63E-05	5.63E-03
LR-14-SUR	Carbon-14	1.13E+00	U	2.05E+00	3.64E+00	5.63E-05	5.63E-03
LR-15-SUR	Carbon-14	4.64E-01	U	1.93E+00	3.50E+00	5.63E-05	5.63E-03
LR-16-SUR	Carbon-14	9.53E-01	U	2.01E+00	3.59E+00	5.63E-05	5.63E-03
LR-17-SUR	Carbon-14	-6.21E-01	U	1.95E+00	3.63E+00	5.63E-05	5.63E-03
LR-18-SUR	Carbon-14	0.00E+00	U	2.03E+00	3.73E+00	5.63E-05	5.63E-03
LR-19-SUR	Carbon-14	-1.18E+00	U	2.10E+00	3.93E+00	5.63E-05	5.63E-03
LR-20-SUR	Carbon-14	5.10E-01	U	2.19E+00	3.96E+00	5.63E-05	5.63E-03
LR-21-SUR	Carbon-14	1.49E+00	U	2.20E+00	3.86E+00	5.63E-05	5.63E-03
LR-22-SUR	Carbon-14	-5.95E-01	U	2.05E+00	3.80E+00	5.63E-05	5.63E-03
LR-23-SUR	Carbon-14	-1.65E-01	U	2.09E+00	3.85E+00	5.63E-05	5.63E-03
LR-24-SUR	Carbon-14	-5.06E-01	U	2.12E+00	3.94E+00	5.63E-05	5.63E-03
LR-25-SUR	Carbon-14	-1.15E+00	U	2.04E+00	3.83E+00	5.63E-05	5.63E-03
LR-26-SUR	Carbon-14	-2.71E-01	U	2.07E+00	3.83E+00	5.63E-05	5.63E-03
LR-27-SUR	Carbon-14	-9.37E-01	U	2.11E+00	3.94E+00	5.63E-05	5.63E-03
Lang Ranch Subsurface Samples (Chatsworth Formation)							
LR-3-SUB	Carbon-14	-5.03E-02	U	1.96E+00	3.63E+00	5.63E-05	5.63E-03
LR-4-SUB	Carbon-14	2.22E+00	U	2.18E+00	3.71E+00	5.63E-05	5.63E-03
LR-9-SUB	Carbon-14	1.36E+00	U	2.08E+00	3.67E+00	5.63E-05	5.63E-03
LR-13-SUB	Carbon-14	2.49E+00		2.11E+00	3.52E+00	5.63E-05	5.63E-03
LR-15-SUB	Carbon-14	1.15E+00	U	2.01E+00	3.56E+00	5.63E-05	5.63E-03
LR-18-SUB	Carbon-14	1.57E+00	U	2.08E+00	3.64E+00	5.63E-05	5.63E-03
LR-19-SUB	Carbon-14	1.31E+00	U	2.01E+00	3.54E+00	5.63E-05	5.63E-03
LR-23-SUB	Carbon-14	-1.55E+00	U	2.04E+00	3.82E+00	5.63E-05	5.63E-03
LR-24-SUB	Carbon-14	-1.10E-01	U	2.19E+00	4.02E+00	5.63E-05	5.63E-03
LR-26-SUB	Carbon-14	-3.78E-01	U	2.11E+00	3.90E+00	5.63E-05	5.63E-03
Rocky Peak Surface Samples (Chatsworth Formation)							
RP-1-SUR	Carbon-14	-4.50E-01	U	2.18E+00	4.04E+00	5.63E-05	5.63E-03
RP-2-SUR	Carbon-14	5.04E-01	U	2.21E+00	3.99E+00	5.63E-05	5.63E-03
RP-3-SUR	Carbon-14	-8.14E-01	U	2.08E+00	3.87E+00	5.63E-05	5.63E-03
RP-4-SUR	Carbon-14	-2.00E+00	U	2.11E+00	3.96E+00	5.63E-05	5.63E-03
RP-5-SUR	Carbon-14	-5.41E-01	U	2.10E+00	3.89E+00	5.63E-05	5.63E-03
RP-6-SUR	Carbon-14	-2.03E+00	U	2.09E+00	3.93E+00	5.63E-05	5.63E-03
RP-7-SUR	Carbon-14	1.14E-01	U	2.13E+00	3.89E+00	5.63E-05	5.63E-03
RP-8-SUR	Carbon-14	-1.39E+00	U	2.12E+00	3.97E+00	5.63E-05	5.63E-03
RP-9-SUR	Carbon-14	-1.21E+00	U	2.10E+00	3.93E+00	5.63E-05	5.63E-03
RP-10-SUR	Carbon-14	-4.39E-01	U	2.13E+00	3.93E+00	5.63E-05	5.63E-03
RP-11-SUR	Carbon-14	5.68E-02	U	2.11E+00	3.86E+00	5.63E-05	5.63E-03
RP-12-SUR	Carbon-14	4.45E-01	U	2.16E+00	3.92E+00	5.63E-05	5.63E-03
RP-13-SUR	Carbon-14	-2.06E+00	U	2.12E+00	3.98E+00	5.63E-05	5.63E-03
RP-14-SUR	Carbon-14	-9.49E-01	U	2.14E+00	3.99E+00	5.63E-05	5.63E-03
RP-15-SUR	Carbon-14	-1.87E+00	U	2.09E+00	3.92E+00	5.63E-05	5.63E-03
RP-16-SUR	Carbon-14	-7.16E-01	U	2.13E+00	3.96E+00	5.63E-05	5.63E-03
RP-17-SUR	Carbon-14	-6.10E-01	U	2.14E+00	3.97E+00	5.63E-05	5.63E-03
RP-18-SUR	Carbon-14	-5.93E-01	U	2.08E+00	3.86E+00	5.63E-05	5.63E-03
RP-19-SUR	Carbon-14	1.44E+00	U	2.05E+00	3.60E+00	5.63E-05	5.63E-03
RP-20-SUR	Carbon-14	1.30E+00	U	1.98E+00	3.50E+00	5.63E-05	5.63E-03
RP-21-SUR	Carbon-14	2.73E-01	U	1.94E+00	3.56E+00	5.63E-05	5.63E-03

Table 54 - Carbon-14 Analytical Results

Sample ID	Analyte	Result (pCi/g)	Qualifier(s)	Uncertainty (+/- pCi/g)	MDC (pCi/g)	Agricultural 10^{-6} PRG (pCi/g)	Agricultural 10^{-4} PRG (pCi/g)
RP-22-SUR	Carbon-14	1.56E+00	U	2.05E+00	3.59E+00	5.63E-05	5.63E-03
RP-23-SUR	Carbon-14	2.15E+00		2.10E+00	3.56E+00	5.63E-05	5.63E-03
RP-24-SUR	Carbon-14	2.83E+00		2.15E+00	3.51E+00	5.63E-05	5.63E-03
RP-25-SUR	Carbon-14	9.54E-01	U	2.03E+00	3.64E+00	5.63E-05	5.63E-03
RP-26-SUR	Carbon-14	3.37E-01	U	1.98E+00	3.63E+00	5.63E-05	5.63E-03
RP-27-SUR	Carbon-14	1.15E+00	U	2.00E+00	3.55E+00	5.63E-05	5.63E-03
RP-28-SUR	Carbon-14	1.78E+00	U	2.08E+00	3.60E+00	5.63E-05	5.63E-03
Rocky Peak Subsurface Samples (Chatsworth Formation)							
RP-1-SUB	Carbon-14	1.24E+00	U	2.06E+00	3.65E+00	5.63E-05	5.63E-03
RP-5-SUB	Carbon-14	2.14E+00	U	2.14E+00	3.64E+00	5.63E-05	5.63E-03
RP-7-SUB	Carbon-14	3.26E+00		2.23E+00	3.57E+00	5.63E-05	5.63E-03
RP-12-SUB	Carbon-14	2.26E-01	U	1.96E+00	3.60E+00	5.63E-05	5.63E-03
RP-13-SUB	Carbon-14	2.44E+00		2.14E+00	3.59E+00	5.63E-05	5.63E-03
RP-17-SUB	Carbon-14	-2.16E-01	U	2.14E+00	3.95E+00	5.63E-05	5.63E-03
RP-18-SUB	Carbon-14	-2.18E-01	U	2.16E+00	3.98E+00	5.63E-05	5.63E-03
RP-19-SUB	Carbon-14	-6.84E-01	U	2.19E+00	4.06E+00	5.63E-05	5.63E-03
RP-20-SUB	Carbon-14	-4.45E-01	U	2.16E+00	3.99E+00	5.63E-05	5.63E-03
RP-28-SUB	Carbon-14	-1.69E+00	U	2.14E+00	4.01E+00	5.63E-05	5.63E-03
Bridle Path Surface Samples (Santa Susana Formation)							
BP-1-SUR	Carbon-14	1.08E+00	U	2.02E+00	3.60E+00	5.63E-05	5.63E-03
BP-2-SUR	Carbon-14	1.62E-01	U	1.98E+00	3.63E+00	5.63E-05	5.63E-03
BP-3-SUR	Carbon-14	1.08E+00	U	2.04E+00	3.62E+00	5.63E-05	5.63E-03
BP-4-SUR	Carbon-14	1.45E+00	U	2.13E+00	3.74E+00	5.63E-05	5.63E-03
BP-5-SUR	Carbon-14	-3.78E-01	U	1.98E+00	3.68E+00	5.63E-05	5.63E-03
BP-6-SUR	Carbon-14	4.48E-01	U	2.04E+00	3.71E+00	5.63E-05	5.63E-03
BP-7-SUR	Carbon-14	-7.19E-01	U	2.00E+00	3.75E+00	5.63E-05	5.63E-03
BP-8-SUR	Carbon-14	5.50E-01	U	2.03E+00	3.68E+00	5.63E-05	5.63E-03
BP-9-SUR	Carbon-14	6.15E-01	U	2.06E+00	3.72E+00	5.63E-05	5.63E-03
BP-10-SUR	Carbon-14	1.05E+00	U	2.07E+00	3.69E+00	5.63E-05	5.63E-03
BP-11-SUR	Carbon-14	-1.05E-01	U	1.96E+00	3.63E+00	5.63E-05	5.63E-03
BP-12-SUR	Carbon-14	1.36E+00	U	2.16E+00	3.80E+00	5.63E-05	5.63E-03
BP-13-SUR	Carbon-14	1.11E+00	U	2.08E+00	3.70E+00	5.63E-05	5.63E-03
BP-14-SUR	Carbon-14	1.10E+00	U	2.07E+00	3.68E+00	5.63E-05	5.63E-03
BP-15-SUR	Carbon-14	5.00E-01	U	2.05E+00	3.73E+00	5.63E-05	5.63E-03
BP-16-SUR	Carbon-14	1.41E+00	U	2.15E+00	3.78E+00	5.63E-05	5.63E-03
BP-17-SUR	Carbon-14	0.00E+00	U	1.94E+00	3.57E+00	5.63E-05	5.63E-03
BP-18-SUR	Carbon-14	6.42E-01	U	1.99E+00	3.59E+00	5.63E-05	5.63E-03
BP-19-SUR	Carbon-14	-1.38E+00	U	2.53E+00	4.85E+00	5.63E-05	5.63E-03
BP-20-SUR	Carbon-14	8.51E-02	U	2.72E+00	5.07E+00	5.63E-05	5.63E-03
BP-21-SUR	Carbon-14	0.00E+00	U	2.69E+00	5.02E+00	5.63E-05	5.63E-03
BP-22-SUR	Carbon-14	8.22E-02	U	2.63E+00	4.90E+00	5.63E-05	5.63E-03
BP-23-SUR	Carbon-14	-2.01E+00	U	2.48E+00	4.79E+00	5.63E-05	5.63E-03
BP-24-SUR	Carbon-14	6.52E-01	U	2.65E+00	4.86E+00	5.63E-05	5.63E-03
BP-25-SUR	Carbon-14	-1.07E+00	U	2.58E+00	4.92E+00	5.63E-05	5.63E-03
BP-26-SUR	Carbon-14	-7.40E-01	U	2.59E+00	4.90E+00	5.63E-05	5.63E-03
BP-27-SUR	Carbon-14	-2.17E+00	U	2.59E+00	4.99E+00	5.63E-05	5.63E-03
BP-28-SUR	Carbon-14	-3.94E-01	U	2.49E+00	4.70E+00	5.63E-05	5.63E-03
BP-29-SUR	Carbon-14	-6.73E-01	U	2.65E+00	5.02E+00	5.63E-05	5.63E-03
BP-30-SUR	Carbon-14	-8.40E-01	U	2.64E+00	5.01E+00	5.63E-05	5.63E-03
BP-31-SUR	Carbon-14	1.65E-01	U	2.64E+00	4.92E+00	5.63E-05	5.63E-03
BP-32-SUR	Carbon-14	-8.34E-01	U	2.62E+00	4.98E+00	5.63E-05	5.63E-03
BP-33-SUR	Carbon-14	-9.10E-01	U	2.60E+00	4.94E+00	5.63E-05	5.63E-03
BP-34-SUR	Carbon-14	-1.29E+00	U	2.51E+00	4.80E+00	5.63E-05	5.63E-03
BP-35-SUR	Carbon-14	-1.22E+00	U	2.17E+00	4.05E+00	5.63E-05	5.63E-03
BP-36-SUR	Carbon-14	-6.05E-01	U	2.17E+00	4.02E+00	5.63E-05	5.63E-03
BP-37-SUR	Carbon-14	-1.42E+00	U	2.13E+00	3.97E+00	5.63E-05	5.63E-03
BP-38-SUR	Carbon-14	-1.17E+00	U	2.17E+00	4.05E+00	5.63E-05	5.63E-03
BP-39-SUR	Carbon-14	-8.78E-01	U	2.16E+00	4.02E+00	5.63E-05	5.63E-03
BP-40-SUR	Carbon-14	-1.11E+00	U	2.17E+00	4.05E+00	5.63E-05	5.63E-03
BP-41-SUR	Carbon-14	-8.96E-01	U	2.21E+00	4.10E+00	5.63E-05	5.63E-03
BP-42-SUR	Carbon-14	-1.54E+00	U	2.14E+00	4.01E+00	5.63E-05	5.63E-03

Table 54 - Carbon-14 Analytical Results

Sample ID	Analyte	Result (pCi/g)	Qualifier(s)	Uncertainty (+/- pCi/g)	MDC (pCi/g)	Agricultural 10^{-6} PRG (pCi/g)	Agricultural 10^{-4} PRG (pCi/g)
BP-43-SUR	Carbon-14	-1.67E+00	U	2.10E+00	3.94E+00	5.63E-05	5.63E-03
BP-44-SUR	Carbon-14	-1.53E+00	U	2.21E+00	4.14E+00	5.63E-05	5.63E-03
BP-45-SUR	Carbon-14	1.14E-01	U	2.16E+00	3.94E+00	5.63E-05	5.63E-03
BP-46-SUR	Carbon-14	9.76E-01	U	2.21E+00	3.95E+00	5.63E-05	5.63E-03
BP-47-SUR	Carbon-14	-1.22E+00	U	2.18E+00	4.07E+00	5.63E-05	5.63E-03
BP-48-SUR	Carbon-14	-1.87E+00	U	2.15E+00	4.02E+00	5.63E-05	5.63E-03
BP-49-SUR	Carbon-14	-2.20E+00	U	2.19E+00	4.10E+00	5.63E-05	5.63E-03
BP-50-SUR	Carbon-14	-2.18E+00	UL	2.13E+00	3.98E+00	5.63E-05	5.63E-03
BP-51-SUR	Carbon-14	-1.78E+00	U	2.17E+00	4.06E+00	5.63E-05	5.63E-03
BP-52-SUR	Carbon-14	-5.06E-02	U	2.23E+00	4.09E+00	5.63E-05	5.63E-03
BP-53-SUR	Carbon-14	-2.24E+00	UL	2.13E+00	3.99E+00	5.63E-05	5.63E-03
BP-54-SUR	Carbon-14	-1.21E+00	U	2.16E+00	4.02E+00	5.63E-05	5.63E-03
Bridle Path Subsurface Samples (Santa Susana Formation)							
BP-3-SUB	Carbon-14	1.10E-01	U	2.04E+00	3.76E+00	5.63E-05	5.63E-03
BP-4-SUB	Carbon-14	1.18E+00	U	2.10E+00	3.73E+00	5.63E-05	5.63E-03
BP-5-SUB	Carbon-14	8.17E-01	U	2.01E+00	3.62E+00	5.63E-05	5.63E-03
BP-9-SUB	Carbon-14	2.26E+00		2.16E+00	3.66E+00	5.63E-05	5.63E-03
BP-12-SUB	Carbon-14	1.35E+00	U	2.11E+00	3.73E+00	5.63E-05	5.63E-03
BP-13-SUB	Carbon-14	-4.54E-01	U	2.00E+00	3.73E+00	5.63E-05	5.63E-03
BP-14-SUB	Carbon-14	1.71E+00	U	2.11E+00	3.67E+00	5.63E-05	5.63E-03
BP-16-SUB	Carbon-14	4.86E-01	U	1.97E+00	3.59E+00	5.63E-05	5.63E-03
BP-20-SUB	Carbon-14	1.14E+00	U	2.04E+00	3.62E+00	5.63E-05	5.63E-03
BP-23-SUB	Carbon-14	1.33E+00	U	2.02E+00	3.55E+00	5.63E-05	5.63E-03
BP-29-SUB	Carbon-14	-7.10E-01	U	1.93E+00	3.62E+00	5.63E-05	5.63E-03
BP-34-SUB	Carbon-14	1.53E+00	U	2.09E+00	3.65E+00	5.63E-05	5.63E-03
BP-35-SUB	Carbon-14	7.65E-01	U	2.02E+00	3.65E+00	5.63E-05	5.63E-03
BP-38-SUB	Carbon-14	1.59E+00	U	2.09E+00	3.65E+00	5.63E-05	5.63E-03
BP-43-SUB	Carbon-14	-1.69E-01	U	2.14E+00	3.94E+00	5.63E-05	5.63E-03
BP-45-SUB	Carbon-14	3.84E-01	U	2.15E+00	3.91E+00	5.63E-05	5.63E-03
BP-46-SUB	Carbon-14	-5.61E-01	U	2.11E+00	3.91E+00	5.63E-05	5.63E-03
BP-48-SUB	Carbon-14	8.21E-01	U	2.14E+00	3.84E+00	5.63E-05	5.63E-03
BP-50-SUB	Carbon-14	5.00E-01	U	2.15E+00	3.90E+00	5.63E-05	5.63E-03
BP-51-SUB	Carbon-14	-9.03E-01	U	2.11E+00	3.95E+00	5.63E-05	5.63E-03

Notes:

pCi/g - Picocuries per gram of dry soil. Analyses for H-3, C-14, Tc-99, and I-129 are reported in units of pCi per gram of "as-received" soil.

MDC - Minimum Detectable Concentration

PRG - Preliminary Remediation Goal

Uncertainty - Reported at the 1.96σ Confidence Interval. Gamma Spec. Reported at the 2σ Confidence Interval.

Data Qualifiers:

B - Analyte present, but not detected substantially above the level reported in laboratory or field blanks.

J - The analyte was detected at the reported concentration: the quantitation is an estimate.

K - Analyte present. Reported value may be biased high. Actual value is expected to be lower.

L - Analyte present. Reported value may be biased low. Actual value is expected to be higher.

R - The result is rejected due to serious deficiences in the ability to analyze the sample and meet the Quality Control criteria.

U - Not considered detected. The associated number is the reported concentration.

UJ - Not considered detected. The associated number is the reported concentration which may be inaccurate.

UL - Not considered detected. The associated number is the reported concentration which may be inaccurate due to a low bias.

X - Excluded. The data point is associated with reanalyses or diluted analyses and is excluded because another result has been selecetd as the definitive result for the analyte

These results are qualified based on the usability of the data for its intended purpose, which is to develop a statistical profile against which to compare individual on-site sample results, to determine the extent of potential site contamination that may be attributable to site activities.

Table 55 - Comparison of SSFL Background Study Analytical Results to Background Values from the McLaren/Hart Report

Analyte	McLaren/Hart Report Range (pCi/g)	SSFL Background Study Range (pCi/g)	McLaren/Hart Report Median (pCi/g)	SSFL Background Study Median[1] (pCi/g)
Cesium-137	ND - 0.42	ND - 0.319	0.089	0.0754
Plutonium-238	ND - 0.33	ND - 0.00704	0.02	0.00109
Strontium-90	ND - 0.15	ND - 0.129	0.02	0.0201

Notes:

(1) The median includes potential outliers that will be addressed in the statistical evaluation.

pCi/g = picocuries per gram of soil dried

ND = not detected