

SITE ASSESSMENT REPORT

FOR

**EL PASO/DONA ANA COUNTY METALS SURVEY SITE
EL PASO, EL PASO COUNTY, TEXAS
SUNLAND PARK, DONA ANA COUNTY, NEW MEXICO**

Prepared for

U.S. Environmental Protection Agency Region 6

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EXECUTIVE SUMMARY

The primary objective for Weston Solutions, Inc. (WESTON_{SM}) was to conduct soil sampling operations to document the levels of potential contaminants in the surficial and near-surficial soils at various residences, day cares, schools, parks, churches, city properties, and undeveloped or industrial areas in El Paso, El Paso County, Texas, and Sunland Park, Dona Ana County, New Mexico. Soil samples were used to ascertain contaminant concentrations for comparison to U.S. Environmental Protection Agency (EPA) Region 6 risk-based values for metals (primarily arsenic and lead) based on currently available data. WESTON personnel were responsible for conducting and documenting on-site activities during the site assessment. The primary concerns associated with the El Paso/Dona Ana County Metals Survey site are the presence of lead and arsenic above the EPA residential screening level of 500 milligrams per kilogram (mg/kg) lead and 24 mg/kg arsenic and industrial screening level of 1000 mg/kg lead and 200 mg/kg arsenic. The goal of the sampling and analysis for level and extent of contamination, which was conducted at various locations across the site, was to confirm the presence of these metals at levels above the established screening levels. Site assessment activities took place from 25 February to 7 March 2002. During this time, the following assessment activities were conducted:

- Sample points were located and identified using a Differential Global Positioning System (DGPS).
- 341 sample locations were selected based on a 250-meter-size, grid-pattern approach within a 3-mile radius of the center of the site.
- 1,686 soil samples were collected.
- Lead and arsenic analysis on 1,293 of the samples was performed by Severn Trent Laboratory (STL) Services.
- Full target analyte list (TAL) metals analysis was conducted on 10% of the surface and 6-inch depth samples.
- Base maps of the sites were developed in a GIS (Geographic Information System) format using rectified custom aerial imagery.

Analytical results reported the presence of lead and arsenic within the majority of the sample locations. Lead was reported above the 500 mg/kg residential screening level in 28 sampling locations and arsenic was reported above the 24 mg/kg residential screening level in 45 sampling

locations. At industrial sites, lead was reported above the 1000 mg/kg screening level at 12 sites and above the 200 mg/kg arsenic screening level at 7 sites.

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- Appendix C Proposed Sample Locations
- Appendix D Sample Locations
- Appendix E Analytical Maximums and Summary of all Sample Locations
- Appendix F Quality Assurance Sampling Plan
- Appendix G Overview Arsenic Isopleth Map **(redacted)**
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- Appendix I Residential Arsenic Isopleth Map **(redacted)**
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1. INTRODUCTION

WESTON_{SM} was tasked by the U.S. Environmental Protection Agency (EPA) Region 6 under U.S. Army Corps of Engineers (USACE) Rapid Response Contract Number DACA45-98-D-0004, Task Order 0028 to perform soil sampling associated with site assessment activities pending at the El Paso/Dona Ana County Metals Survey Site in El Paso, El Paso County, Texas and Sunland Park, Dona Ana County, New Mexico. The site assessment activities took place in a 3-mile radius centered in the southern portion of El Paso, El Paso County, Texas. A Site Location Map is provided in Appendix A.

On 25 February 2002, WESTON began providing technical assistance for on-site work through the completion of the site assessment activities. WESTON has prepared this Site Assessment Report to document the sampling activities performed in the field and to present the results of these activities.

1.1 OBJECTIVES

The purpose of the site assessment activities at the El Paso/Dona Ana County Metals site was to continue an ongoing screening process of potentially hazardous areas within El Paso, El Paso County, Texas, and Sunland Park, Dona Ana County, New Mexico. The objectives of the site assessment at the El Paso/Dona Ana County Metals Survey Site include the following:

- Identify immediate or potential threats that hazardous substances attributable to the area may pose to human health and the environment, and identify the receptors, or targets, potentially exposed to the hazardous substances.
- Locate potential sources of contamination, and verify areas of contamination by sampling.
- Define the horizontal and vertical extent of soil contamination.
- Use the analytical results to delineate contaminated areas, and estimate the area of contaminated material.

The objectives of the investigation were achieved by evaluating data obtained during the sampling and analysis phases of this site assessment. The specific sample locations and available background file information provided by EPA Region 6 personnel, were used and incorporated into this document. The ortho-rectified aerial photographs were provided by the El Paso Water Utilities

(EPWU). The activities that were performed to meet objectives of the investigation were described in the site-specific Quality Assurance Sampling Plan (QASP) presented in Appendix E.

1.2 SCOPE OF WORK

The scope of work defined by Task Order 0028 was to collect soil samples at various depths (0- to 6-inch, 6- to 12-inch, 12- to 18-inch, and 18- to 24-inch) from grid-based sampling points at several on-site locations. Proposed sample locations were determined based on a grid-pattern approach and are presented in Appendix B. A 250-meter size grid was used for sampling within a 3-mile radius of the center of the site. Grid locations that fell onto inaccessible areas were relocated or not sampled. Additionally, samples were collected from high-traffic areas, which were identified by WESTON and county officials. These sites were exclusive of those evaluated during a previous investigation performed in the summer of 2001. Results of the reconnaissance visits performed during the months of December 2001, January 2002, and February 2002, identified 341 locations to be sampled. The locations include the following:

- 134 residential homes, day cares, schools, parks, churches, and city properties; and
- 207 industrial areas.

Base maps of areas sampled, which included residential homes, schools, parks, day cares, city properties, churches, and undeveloped or industrial locations, were prepared by WESTON based on ortho-rectified aerial photographs provided by the EPWU. Based upon results obtained, gridded areas of each location were identified that contained soil above the established EPA health-based screening levels, thus requiring potential removal actions. Data management was conducted using the EPA-provided Forms II Lite software.

WESTON was also tasked to maintain a site logbook; to prepare a health and safety plan; to prepare maps and sketches; to prepare a Quality Assurance Sampling Plan (QASP); to procure laboratory services; to provide digitized photo documentation; to review background files; to review validation of analytical laboratory results; and to coordinate with the EPA Site Assessment Manager (SAM) and USACE. During implementation of the project, some of the originally tasked elements were modified or deleted.

1.3 REPORT FORMAT

The El Paso/Dona Ana County Metals Survey Site Assessment Report is organized as follows:

- Section 1 - Introduction
- Section 2 - Site Background
- Section 3 - Assessment Activities
- Section 4 - Summary of Results

Tables are included at the end of each respective section. Appendices are attached with the following information:

- Appendix A Site Area/Location Map
- Appendix B Overview Map
- Appendix C Proposed Sample Locations
- Appendix D Sample Locations
- Appendix E Analytical Maximums and Summary of all Sample Locations
- Appendix F Quality Assurance Sampling Plan (QASP)
- Appendix G Overview Arsenic Isopleth Map (**redacted**)
- Appendix H Overview Lead Isopleth Map (**redacted**)
- Appendix I Residential Arsenic Isopleth Map (**redacted**)
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- Appendix M QA/QC Results (**redacted**)
- Appendix N Data Validation Summary Reports (**redacted**)
- Appendix O Digital Photographs (**redacted**)
- Appendix P Copy of WESTON Logbook (**redacted**)

Note that Appendices G through P are not published in this report.

2. SITE BACKGROUND

Information regarding site location, summary of previous investigations, site reconnaissance information, and site descriptions are presented in the following subsections.

2.1 SITE LOCATION AND DESCRIPTION

The El Paso/Dona Ana County Metals Survey site is located over approximately a 6-mile area centered in the southern portion of El Paso, Texas, and Sunland Park, New Mexico. The area of concern extends into New Mexico and potentially south of the Rio Grande River into Mexico. The survey area for this assessment is Texas and New Mexico properties within the 3-mile radius from the junction of Texas, New Mexico, and Mexico borders (Appendix A). Sample locations have been determined based on a grid-pattern approach, and on suggestions from the EPA SAMs on-site during the site assessment. The priority for sampling locations included residential homes, day care facilities, schools, churches, city properties, public parks, playgrounds, and undeveloped/industrial areas within the area of concern.

2.2 SUMMARY OF PREVIOUS INVESTIGATIONS

Previous independent soil investigations of the area of concern were conducted by students of the University of Texas at El Paso (UTEP). As part of several of these efforts, extensive sampling of surface soils throughout the site have been completed, and elevated levels of metals, namely arsenic and lead, were detected. The source of these elevated metals were not confirmed. In addition to the UTEP studies, a study was conducted by the Texas Air Control Board (TACB), and very recently by a USACE contractor, Ecology and Environment Inc. (E&E).

The Sampling and Analysis Division of the TACB conducted soil sampling within the area of concern on 12 and 13 July 1989. The primary objective of the project was to document levels of arsenic in the top 0.5 inch of soils. The highest value of arsenic detected was 1,100 milligrams per gram (parts per million [mg/kg]) of arsenic in soil. This result was from a sample located at the International Boundary and Water Commission (IBWC), which was also located directly across from a brick manufacturing company in Mexico. The TACB study emphasized collection of soils in the vicinity of schools and recreational parks. At each sampling location, 12 samples were collected from evenly spaced locations, on the circumference of a 2-foot diameter circle. At each location an

aliquot of soil was obtained by removing approximately 1-inch diameter by 0.5-inch depth core.

In May 1993, Brenda E. Barnes, a UTEP graduate student, presented a Master Thesis, titled "An Evaluation of Metals Concentrations in Surficial Soils, El Paso County, Texas." The study involved the collection of soil samples from areas surrounding various facilities in El Paso, Texas, that were potential sources of metals contamination. Potential sources of contamination included the ASARCO Smelter, Memorial Park in central El Paso where a former smelter was located, and Phelps Dodge Copper Refinery. Soil samples were collected from outlying areas north and east of El Paso in an effort to observe effects of distance from the potential contaminant sources. Concentrations of arsenic, cadmium, copper, lead, and zinc were found at highest concentrations in the area around the ASARCO Smelter. Higher concentrations were found in the surface samples (2.5-centimeter depth) than in those samples taken from deeper locations. The metals concentrations did not appear to be affected by sample lithology or soil type.

In December 1993, Emmanuel Chukwuka Ndame, a UTEP graduate student, presented a Master Thesis, titled "Heavy Metals in Soils in the Vicinity of the University of Texas at El Paso Campus (El Paso County, Texas)." The study involved the collection and analysis of 78 soil samples. Areas of interest for the study included the campus of UTEP and parks and public school playgrounds within a 2-kilometer radius of the campus. The samples were analyzed for several metals including arsenic, barium, cadmium, chromium, lead, and selenium. The Ndame Thesis concluded that there was no point source or large-scale contamination. Further, it concluded that lead concentrations increased from the west part of the campus to the ASARCO Smelter. Sample results indicated the presence of arsenic in soils ranging from below the instrument detection limit of 51 mg/kg to 92 mg/kg. Surface soil concentrations of lead were reported as high as 1,500 mg/kg. Significant concentrations of arsenic and lead were not detected in any of the off-campus public schools or parks with the exception of a surface soil sample collected from Althea Park, which had a lead concentration of 840 mg/kg.

In May 1994, Dilip Kumar Devanahalli, a UTEP graduate student, presented a Master Thesis, titled Survey of Heavy Metal Concentrations of Soils in Downtown El Paso, Texas. The thesis study involved the collection of soil samples from a downtown area of El Paso, Texas, bounded by Interstate-10 to the north, the Rio Grande River to the south, the Sun Metro Terminal to the west, and Phelps Dodge Copper Refinery to the east. A total of 54 soil samples were collected from the surface

and at a 6-inch depth in public parks, playgrounds, and schools. Arsenic concentrations in the samples ranged from below the instrument detection limit of 13 mg/kg to 33 mg/kg. Lead concentrations ranged from the instrument detection limit of 17 mg/kg to 560 mg/kg.

Also in May 1994, Shyam Srinivas, a UTEP graduate student, presented a Master Thesis, titled "Heavy Metal Contamination of Soils in Public Parks, El Paso, Texas." As part of this study, 72 surface and subsurface (6-inch depth) samples were collected from public parks in El Paso. The results of the sample analyses indicated that concentrations of metals were higher in surface soils than in subsurface soils. Arsenic was detected in only one sample, at the instrument detection limit of 55 mg/kg. Lead concentrations ranged from below the instrument detection limit of 30 mg/kg to 130 mg/kg.

In June 2001, E & E, a USACE contracted consultant, collected samples from approximately 100 locations within the site. On 21 June 2001, WESTON accompanied by EPA Federal On-Scene Coordinator (FOSC) Lon Biasco, conducted a site reconnaissance visit of the El Paso County Metals Survey site. WESTON also conducted a Total Suspended Particulate (TSP) survey of El Paso, El Paso County, Texas, presented in a report dated November 2001. On 28 July 2001, WESTON, accompanied by EPA FOSC Lon Biasco, conducted a removal assessment at various schools and public parks within the designated 3-mile radius located in El Paso, El Paso County, Texas.

Numerous other studies have been conducted or are in the process of being conducted by other university and environmental research centers.

2.3 SITE DESCRIPTIONS

The El Paso/Dona Ana County Metals Survey consisted of samples collected from 341 locations within or adjacent to the 3-mile radius from the Junction of Texas, New Mexico, and Mexico borders. The areas that were sampled consisted of residential homes, day cares, schools, parks, churches, city properties, and industrial/undeveloped areas.

Residential home sampling sites typically consisted of a sample location in the front yard and the back yard or side yard. The number of samples collected from each residential home site was dependant on the existence of surface soil, accessibility to the surface soil, and type of surface soil present (i.e. hard, dense sand with rocks). Groundcover varied from dense grass to dense sand with

rocks, but the majority of the ground-cover consisted of dry soil and sparse grass.

Day care and school sampling sites generally consisted of multiple sample locations. Each site consisted of a playground that contained fill sand, gravel, grass, or a mixture of ground cover. If surface soil was present at the building associated with the site, a sample was collected there in addition to one or more samples collected from the playground area.

Church sampling sites often encompassed schools and/or day cares inside the facility and often included a playground area. Multiple samples were taken at each church to provide a representative sample of the various areas and soil types of the site. Ground cover consisted of fill sand (playground), grass, mulch/rock, loose/dense soil, or a combination of different types.

City properties consisted of a library, fire stations, community centers, parks, and medians located within the sample grid points. The number of samples collected at each site depended on the existence of surface soil, accessibility to the surface soil, and type of soil present (i.e., dense sand with rocks). Vegetation at each site varied greatly and influenced sample availability.

Industrial/undeveloped areas consisted of industrial businesses and areas in which no residential properties were located. Typical sample locations consisted of a five-point composite surface sample at each sample node. At 20% of the industrial sample locations, a grab subsurface sample was collected utilizing a geoprobe. Each subsurface sample was collected at 0- to 6-inch, 6- to 12-inch, 12- to 18-inch, and 18- to 24-inch depths. Soils were typically a dense, hard soil with rocks, except in some locations near the United States and Mexico border where surface soils became sandy.

3. ASSESSMENT ACTIVITIES

WESTON conducted soil sampling from 25 February to 5 March 2002. The assessment activities completed were in general accordance with the WESTON's QASP, dated February 2002.

The metals survey focused on determining the presence and extent of metals, namely arsenic and lead, at 341 different locations including the following:

- Residential/apartment homes,
- Day cares,
- Schools,
- Churches,
- City properties (playgrounds, community centers, fire stations, parks, and libraries), and
- Industrial/undeveloped areas.

Sampling locations were determined by a statistical evaluation utilizing a 250-meter grid.

3.1 SAMPLING APPROACH

WESTON collected soil samples using dedicated plastic scoops, one EPA truck-mounted GeoProbe[®] unit, two subcontracted tractor mounted GeoProbe[®] units, and the slam bar method based on a grid pattern established for each given location (i.e., residential homes, parks, etc.).

3.1.1 Sample Locations

The location for each sample was determined by a 250-meter grid evaluation or by the EPA SAM present at each sampling location. A way-point, which was located using a hand-held Global Positioning System (GPS) unit, represented one sample location. At each location, a Differential Global Positioning System (DGPS) with sub-meter accuracy was utilized to log a more exact location. Soil sample locations collected from grid and high-traffic areas were determined by the EPA SAM on a per location basis. Sampling from residential areas were generally composed of two, five-point composites; one from the front yard, and one from the back yard of each residence. Similarly, five-point composite samples were collected within the unpaved area(s) of high traffic areas in an effort to collect a sample representative of the soil concentrations over the given area of concern.

The locations and number of samples collected from larger properties (i.e., churches and parks)

were determined by the EPA SAM, but were collected using the same sampling criteria as residential locations. Sampling from industrial and undeveloped areas were generally composed of one five-point composite surface sample. In addition, 20% of the samples collected from the industrial/undeveloped areas were drilled to a depth of 24 inches.

Deviations from the proposed sample locations identified in Appendix B were due to new observations made prior to sampling, information obtained in the field that warranted an altered sampling point, difficulty in sample collection, or limited access. The EPA SAM was notified, and concurrence was obtained when significant deviations from the planned sampling points were proposed. Appendix C illustrates the 341 sample locations where samples were successfully collected.

3.1.2 Sample Methods

Each sample point within a residential or high-traffic area represented the location of a five-point composite, as well as an individual grab sample. Grab samples were collected using dedicated plastic scoops and immediately placed into a dedicated plastic bag, homogenized, then placed into precleaned, 8-ounce plastic container with a Teflon-lined lid. Composite samples were composed of five-point aliquots of approximate equal volume. Sample aliquots were placed into a dedicated plastic bag, homogenized, and then placed into 8-ounce plastic sample containers.

Both surface and subsurface samples were collected from each sampling point. Surface samples from 0- to 1-inch depth were collected from each node with dedicated plastic scoops. The surface samples were made up of five-point composites as described above. This sample scheme was selected to assist with planning for potential subsequent removal activities.

Subsurface samples were collected using slam bars, GeoProbe[®] conventional drilling, or grab sample methods. Grab samples were collected from each sample point at 0- to 6-inch, 6- to 12-inch, 12- to 18-inch, and 18- to 24-inch depths from below the surface. Generally, if sample cores were collected, the outside was shaved, if possible, to remove exterior surfaces and to reduce the possibility of cross-contamination between sampling depths. In addition, dedicated plastic scoops were used to collect the samples to reduce the potential for cross-contamination between intervals and locations. Subsurface samples were analyzed without any sieving procedure. This sample scheme was geared to assist with planning for potential subsequent removal activities.

3.2 ANALYTICAL APPROACH

Sample analysis for arsenic and lead was conducted by a fixed laboratory, Severn Trent Laboratory (STL), located at 5102 La Roche Avenue, Savannah, Georgia. STL provided 14-day turnaround time on sample analysis. At the direction of the EPA SAM, the samples were prepared and analyzed in accordance with SW-846 sample preparation method 3050B and metals analysis 6010B, respectively. EPA Method 6010B uses inductively coupled plasma (ICP) with atomic emission spectrometer technology. Additionally, 10% of the samples analyzed for arsenic and lead were analyzed for the full target analyte list (TAL).

Several surface samples were prepared and analyzed in accordance with TRW Recommendations for Sampling and Analysis of Soil at Lead (Pb) Sites US EPA., EPA-540-F-00-010, OSWER 9285.7-38, April 2000. The sample preparation method described in the guidance document is based on the assumption that incidental ingestion is the primary pathway of exposure to lead in soil and dust. This exposure pathway assumes that ingested soil and dust lead is best represented by the lead concentrations in the particle size fraction that sticks to hands. A reasonable upper bound for this size fraction is 250 microns. This is also the particle size fraction that is most likely to accumulate in the indoor environment as a result of disposition of wind-blown dust. Therefore, a 250-micron filter (No. 60) sieve was recommended and was utilized to screen the surface soil sample set to arrive at a "fine" fraction (<250 microns). The sample was collected and submitted to the laboratory following normal chain-of-custody procedures. The laboratory was instructed to properly dry and sieve the samples so that an un-sieved sample was analyzed and a sample sieved through the ASTM No. 60 sieve was analyzed. Thus two distinct results were obtained from each surface sample. The EPA SAM determined that four residential samples: 026F-51-00-SIEVED, 026L-51-00-SIEVED, 588B-51-00-SIEVED, and 588F-51-00-SIEVED would be analyzed using this method.

3.3 FIELD ACTIVITIES

From 22 through 24 February 2002, WESTON mobilized to El Paso, Texas, and initiated site preparations for future sampling activities. A site command post was established at the Holiday Inn Hotel, 6655 Gateway West, El Paso, Texas.

On 25 February 2002, WESTON conducted trial sampling operations at a city-owned street median. Upon completion of the trial run, WESTON teams (one industrial team and two residential teams

[G1 and G2]) divided and began sampling. The teams sampled from 25 February through 5 March 2002. The two residential teams successfully sampled 135 residential properties, and the industrial team successfully collected samples from 207 locations at the following 16 sites:

- Bureau of Land Management (BLM)
- Catholic Diocese property
- IBWC properties
- El Paso Water Utilities (EPWU) properties
- ASARCO property
- American Brick Eagle
- 2 privately owned non residential properties
- Hooten commercial property
- Austex Enterprises
- Texas Fish and Wildlife properties
- El Paso Electric
- Southwest Independent Growers (SWIG)
- El Paso City property
- Jobe property
- American Mineral

Twelve of the industrial sample locations were omitted during the field sampling effort due to inaccessibility. In addition to the soil samples, two product samples were collected at the American Eagle Brick facility to establish background contaminant levels. Appendix D presents the industrial and residential locations sampled.

On 6 March 2002, WESTON demobilized by returning the rental vehicles/equipment, packing/shipping equipment, and making preparations for the team to return home. The WESTON team and equipment departed El Paso on 6 and 7 March 2002.

3.4 ANALYTICAL RESULTS

Analytical results from the surface and subsurface samples reported elevated levels of arsenic and/or lead at 138 of the 341 total locations sampled. Arsenic levels exceeded 24 mg/kg at 45 residential locations with concentrations ranging from 24 to 490 mg/kg. Lead levels exceeded the 500 mg/kg screening level at 28 residential locations with concentrations ranging from 500 to 1,700 mg/kg. Analytical results from samples collected from day cares, schools, churches, and city properties reported eight locations with elevated levels of arsenic with results ranging from 25 to 44 mg/kg and four sample locations with elevated levels of lead ranging from 570 to 920 mg/kg. At industrial sites, locations exceeded the screening level for arsenic and 12 locations exceeded the level for lead. The

elevated analytical results, at industrial sites, for arsenic ranged from 220 to 480 mg/kg and from 1,100 to 3,500 mg/kg for lead. Appendices D and E present sample locations and analytical data for the entire site.

Nine apartment complexes and 128 residences were sampled. Three of the apartment complexes and 54 residences sampled exceeded screening levels for arsenic or lead. The highest levels for arsenic and lead at the apartment complexes were 58 mg/kg and 530 mg/kg, respectively. Elevated levels of arsenic at the residences ranged from 24 to 490 mg/kg, and the levels of residential lead above the screening level ranged from 500 to 1700 mg/kg. Table 3-1 presents the key to sample identification and nomenclature used on the analytical results tables, Tables 3-2 through 3-7. Tables 3-2 and 3-3 present the elevated levels of arsenic and lead at residential locations, respectively.

Twenty-eight day cares, five schools, and six churches were sampled. Samples from three day cares exceeded the screening level for arsenic with results ranging from 25 to 40 mg/kg and samples from one day care exceeded the screening level for lead (600 to 920 mg/kg). A sample from one school had an arsenic level of 27 mg/kg. None of the analytical results for the churches exceeded the screening levels for arsenic or lead. Analytical data is presented for arsenic and lead exceedances on Tables 3-4 and 3-5, respectively.

Of the 18 city properties sampled, the analytical results from two sites exceeded screening levels. The highest levels of arsenic and lead reported in samples collected from city properties were 31 mg/kg and 700 mg/kg, respectively. Also, five community centers were sampled. None of the analytical results for the community centers exceeded the screening levels for arsenic or lead. Analytical data for the city properties are included on Tables 3-4 and 3-5.

Six parks and three playgrounds were sampled. Two parks had samples with reported elevated levels of arsenic, but none of the analytical results exceeded screening levels for the playgrounds that were sampled. Tom Lea Park in El Paso had a sample with 27 mg/kg arsenic concentration, and a Texas Parks and Wildlife property on Magoffin Street had a sample with 35 mg/kg arsenic. This data is included on Table 3-4. The lead screening level was not exceeded at any of the parks or playgrounds.

A total of 207 industrial locations were sampled, and screening levels were exceeded at seven of the sample locations. The highest level of arsenic measured in an industrial/undeveloped sample was at a BLM property (480 mg/kg). An ASARCO property sample contained 3,500 mg/kg of lead, the

highest level reported at an industrial sampling site. Tables 3-6 and 3-7 present the analytical exceedance results for arsenic and lead, respectively, at the industrial sites.

Tables 3-2 through 3-5 present the locations and analytical results for samples with concentrations of arsenic and lead above the EPA provided screening limits of 24 mg/kg and 500 mg/kg for residential locations, respectively. Tables 3-6 and 3-7 present the locations and analytical results for samples with concentrations of arsenic and lead above the EPA provided industrial screening limits of 200 mg/kg and 1,000 mg/kg, respectively. Table 3-8 presents residential soil analytical results for iron, lead and arsenic. Data tables including maximum concentrations for each location are presented in Appendix E. WESTON's QA/QC results are included in Appendix F.

WESTON performed data review to determine if Quality Control (QC) specifications were achieved, following *USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Data Review* (February 1994), *Quality Assurance/Quality Control Guidance for Removal Activities* (April 1990) and the Regional Protocol for Holding Times, Blanks, VOA Preservation (April 13, 1989). Overall, the data is acceptable for use with the qualifications noted for the use of determining if lead or arsenic were present in soil at concentrations greater than the site screening levels.

Table 3-1

Key to Analytical Results Tables

1) Tables 3-2 through 3-8 present El Paso/Dona Ana County locations with sample results exceeding the USEPA/TCEQ screening levels for lead and/or arsenic.

SCREENING LEVELS:

Residential Lead : 500 mg/kg

Residential Arsenic : 24 mg/kg

Industrial Lead : 1000 mg/kg

Industrial Arsenic : 200 mg/kg

2) Example Sample ID Nomenclature:

Random Sample ID: A1010B-51-00

A1010 = Random sample identification per residential location

F = Front yard sample

B = Back yard sample

L = Left side yard

R = Right side yard

A = Open Lot

51 = Normal soil sample

00 = Surface sample

06 = Sample collected at 0 to 6" depth

12 = Sample collected at 6 to 12" depth

18 = Sample collected at 12 to 18" depth

24 = Sample collected at 18 to 24" depth

3) Units

mg/kg = parts per million (ppm)

Table 3-2**Residential Arsenic Concentration At Or Above Screening Level**

Location	Sample ID	Result	Unit
1010	A1010F-51-06	26	mg/kg
1010	A1010F-51-00	25	mg/kg
1010	A1010B-51-06	31	mg/kg
1011	A1011L-51-00	70	mg/kg
1011	A1011F-51-06	27	mg/kg
1011	A1011F-51-00	58	mg/kg
1012	A1012R-51-06	36	mg/kg
1012	A1012R-51-00	33	mg/kg
1012	A1012F-51-06	44	mg/kg
1012	A1012F-51-00	44	mg/kg
1013	A1013B-51-06	31	mg/kg
1017	A1017F-51-06	29	mg/kg
1017	A1017B-51-06	34	mg/kg
1017	A1017B-51-00	81	mg/kg
1018	A1018F-51-00	36	mg/kg
1021	A1021F-51-06	43	mg/kg
1021	A1021F-51-00	46	mg/kg
1022	A1022F-51-06	43	mg/kg
1022	A1022F-51-00	44	mg/kg
1028	A1028F-51-06	24	mg/kg
1032	A1032B-51-00	26	mg/kg
1038	A1038A-51-00	58	mg/kg
1039	A1039F-51-06	54	mg/kg
1039	A1039F-51-00	46	mg/kg
1039	A1039B-51-06	26	mg/kg
1039	A1039B-51-00	43	mg/kg
1045	A1045F-51-00	58	mg/kg
1045	A1045B-51-00	43	mg/kg
1052	A1052F-51-00	75	mg/kg
1052	A1052B-51-06	39	mg/kg
1052	A1052B-51-00	55	mg/kg
1056	A1056F-51-00	31	mg/kg
1057	A1057F-51-12	26	mg/kg
1057	A1057B-51-06	37	mg/kg
1057	A1057B-51-00	32	mg/kg
1058	A1058R-51-06	43	mg/kg
1058	A1058F-51-06	32	mg/kg
1059	A1059F-51-12	24	mg/kg
1059	A1059F-51-06	34	mg/kg

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Table 3-2**Residential Arsenic Concentration At Or Above Screening Level (Continued)**

Location	Sample ID	Result	Unit
1059	A1059F-51-00	35	mg/kg
1059	A1059B-51-00	35	mg/kg
1070	A1070F-51-00	26	mg/kg
1075	A1075F-51-00	35	mg/kg
1076	A1076F-51-00	26	mg/kg
1077	A1077F-51-06	25	mg/kg
1077	A1077F-51-00	33	mg/kg
1078	A1078B-51-06	24	mg/kg
1079	A1079B-51-12	29	mg/kg
1084	A1084F-51-00	26	mg/kg
1085	A1085F-51-00	35	mg/kg
1085	A1085B-51-00	43	mg/kg
1086	A1086F-51-12	24	mg/kg
1086	A1086F-51-06	25	mg/kg
1086	A1086F-51-00	59	mg/kg
1087	A1087F-51-06	25	mg/kg
1087	A1087F-51-00	59	mg/kg
1087	A1087B-51-06	27	mg/kg
1087	A1087B-51-00	68	mg/kg
1094	A1094F-51-06	25	mg/kg
1094	A1094F-51-00	35	mg/kg
1095	A1095F-51-00	26	mg/kg
1095	A1095B-51-00	29	mg/kg
1097	A1097F-51-12	27	mg/kg
1097	A1097F-51-00	41	mg/kg
1097	A1097B-51-00	31	mg/kg
1098	A1098F-51-00	26	mg/kg
1098	A1098B-51-00	34	mg/kg
1105	A1105F-51-00	25	mg/kg
1106	A1106F-51-00	32	mg/kg
1126	A1126A-51-00	34	mg/kg
1130	A1130B-51-00	28	mg/kg
1172	A1172B-51-00	31	mg/kg
1173	A1173F-51-00	41	mg/kg
1225	A1225F-51-00	41	mg/kg
1225	A1225B-51-12	44	mg/kg
1225	A1225B-51-00	38	mg/kg
1255	A1255B-51-06	43	mg/kg
1255	A1255B-51-00	35	mg/kg

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Table 3-2

Residential Arsenic Concentration At Or Above Screening Level (Continued)

Location	Sample ID	Result	Unit
1274	A1274B-51-00	28	mg/kg
1274	A1274A-51-00	37	mg/kg
1286	A1286F-51-00	490	mg/kg
1372	A1372F-51-24	37	mg/kg
1410	A1410L-51-00	24	mg/kg
1411	A1411F-51-12	35	mg/kg
1411	A1411F-51-06	40	mg/kg
1411	A1411F-51-00	38	mg/kg

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Table 3-3**Residential Lead Concentration At Or Above Screening Level**

Location	Sample ID	Result	Unit
1010	A1010F-51-00	540	mg/kg
1010	A1010B-51-06	610	mg/kg
1011	A1011L-51-00	1,600	mg/kg
1011	A1011F-51-00	820	mg/kg
1012	A1012R-51-06	740	mg/kg
1012	A1012R-51-00	550	mg/kg
1012	A1012F-51-06	760	mg/kg
1012	A1012F-51-00	570	mg/kg
1013	A1013F-51-06	560	mg/kg
1018	A1018F-51-00	740	mg/kg
1021	A1021F-51-06	1,700	mg/kg
1021	A1021F-51-00	690	mg/kg
1022	A1022F-51-06	520	mg/kg
1022	A1022F-51-00	880	mg/kg
1039	A1039F-51-06	1,100	mg/kg
1039	A1039F-51-00	1,200	mg/kg
1039	A1039B-51-06	600	mg/kg
1039	A1039B-51-00	1,200	mg/kg
1040	A1040F-51-00	520	mg/kg
1041	A1041F-51-00	500	mg/kg
1052	A1052F-51-00	800	mg/kg
1056	A1056F-51-00	610	mg/kg
1058	A1058R-51-06	590	mg/kg
1059	A1059F-51-00	610	mg/kg
1068	A1068F-51-00	580	mg/kg
1070	A1070F-51-00	680	mg/kg
1075	A1075F-51-00	770	mg/kg
1077	A1077F-51-00	580	mg/kg
1084	A1084F-51-00	530	mg/kg
1085	A1085F-51-00	820	mg/kg
1085	A1085B-51-00	1,000	mg/kg
1086	A1086F-51-00	1,100	mg/kg
1087	A1087B-51-06	520	mg/kg
1087	A1087B-51-00	940	mg/kg
1094	A1094F-51-00	690	mg/kg
1095	A1095F-51-00	540	mg/kg
1095	A1095B-51-00	650	mg/kg
1104	A1104D-51-00	530	mg/kg

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Table 3-3

Residential Lead Concentration At Or Above Screening Level

Location	Sample ID	Result	Unit
1106	A1106F-51-00	530	mg/kg
1410	A1410L-51-00	560	mg/kg
1410	A1410B-51-06	510	mg/kg
1411	A1411F-51-06	850	mg/kg
1411	A1411F-51-00	650	mg/kg

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Table 3-4

School/Day Care/Park/City Property Arsenic Concentration At Or Above Screening Level

Location	Sample ID	Result	Unit
1003	A1003A-51-06	27	mg/kg
1065	A1065A-51-06	25	mg/kg
1067	A1067A-51-00	27	mg/kg
1369	A1369A-51-06	35	mg/kg
1389	A1389B-51-06	25	mg/kg
1397	A1397F-51-00	40	mg/kg
1397	A1397B-51-00	29	mg/kg
1398	A1398A-51-06	25	mg/kg
1401	A1401A-51-06	29	mg/kg
1401	A1401A-51-00	25	mg/kg

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Table 3-5

School/Day Care/Park/City Property Lead Concentration At Or Above Screening Level

Location	Sample ID	Result	Unit
1019	A1019A-51-00	590	mg/kg
1397	A1397F-51-00	920	mg/kg
1397	A1397B-51-00	600	mg/kg
1398	A1398A-51-06	700	mg/kg
1401	A1401A-51-06	570	mg/kg
1401	A1401A-51-00	590	mg/kg

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Table 3-6

Industrial Arsenic Concentration At Or Above Screening Level

Location	Sample ID	Result	Unit
1073	A1073A-51-00	240	mg/kg
1074	A1074A-51-00	270	mg/kg
1089	A1089A-51-00	280	mg/kg
1101	A1101-51-00	220	mg/kg
1291	A1291-51-00	220	mg/kg
1293	A1293-51-00	280	mg/kg
1322	A1322-51-00	480	mg/kg

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Table 3-7

Industrial Lead Concentration At Or Above Screening Level

Location	Sample ID	Result	Unit
1073	A1073A-51-00	2,100	mg/kg
1074	A1074A-51-00	1,700	mg/kg
1074	A1074A-52-00	3,500	mg/kg
1088	A1088A-51-00	1,200	mg/kg
1089	A1089A-51-00	2,300	mg/kg
1090	A1090-51-00	1,600	mg/kg
1091	A1091-51-00	1,500	mg/kg
1101	A1101-51-00	1,500	mg/kg
1102	A1102-51-00	1,200	mg/kg
1103	A1103-52-00	1,100	mg/kg
1291	A1291-51-00	1,400	mg/kg
1293	A1293-51-00	1,700	mg/kg
1322	A1322-51-00	3,000	mg/kg

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Table 3-8**Residential Soil Iron, Lead and Arsenic Results**

Location	Sample ID	Analyte	Result	Iron %	Fe/As
1010	A1010B-51-06	Arsenic	31		
1010	A1010B-51-06	Iron	9,500	0.95	306
1010	A1010B-51-06	Lead	610		
1010	A1010F-51-06	Arsenic	26		
1010	A1010F-51-06	Iron	10,000	1.00	385
1010	A1010F-51-06	Lead	170		
1010	A1010F-52-06	Arsenic	59		
1010	A1010F-52-06	Iron	11,000	1.10	186
1010	A1010F-52-06	Lead	920		
1010	A1010F-52-06	Arsenic	67		
1010	A1010F-52-06	Iron	14,000	1.40	209
1010	A1010F-52-06	Lead	1,200		
1028	A1028F-51-00	Arsenic	17		
1028	A1028F-51-00	Iron	10,000	1.00	588
1028	A1028F-51-00	Lead	450		
1047	A1047A-51-06	Arsenic	3		
1047	A1047A-51-06	Iron	9,200	0.92	3067
1047	A1047A-51-06	Lead	8		
1047	A1047A-52-06	Arsenic	2		
1047	A1047A-52-06	Iron	8,800	0.88	4400
1047	A1047A-52-06	Lead	8		
1057	A1057B-51-06	Arsenic	37		
1057	A1057B-51-06	Iron	9,200	0.92	249
1057	A1057B-51-06	Lead	430		
1057	A1057F-51-00	Arsenic	17		
1057	A1057F-51-00	Iron	7,800	0.78	459
1057	A1057F-51-00	Lead	160		
1058	A1058F-51-00	Arsenic	19		
1058	A1058F-51-00	Iron	9,700	0.97	511
1058	A1058F-51-00	Lead	390		
1058	A1058R-51-00	Arsenic	20		
1058	A1058R-51-00	Iron	8,500	0.85	425
1058	A1058R-51-00	Lead	330		
1061	A1061B-51-00	Arsenic	7		
1061	A1061B-51-00	Iron	7,600	0.76	1086
1061	A1061B-51-00	Lead	150		
1061	A1061F-51-00	Arsenic	6		
1061	A1061F-51-00	Iron	4,200	0.42	700
1061	A1061F-51-00	Lead	120		
1061	A1061F-52-00	Arsenic	6		
1061	A1061F-52-00	Iron	4,400	0.44	733
1061	A1061F-52-00	Lead	110		

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Table 3-8**Residential Soil Iron, Lead and Arsenic Results (Continued)**

Location	Sample ID	Analyte	Result	Iron %	Fe/As
1062	A1062B-51-06	Arsenic	8		
1062	A1062B-51-06	Iron	6,100	0.61	763
1062	A1062B-51-06	Lead	150		
1062	A1062F-51-06	Arsenic	6		
1062	A1062F-51-06	Iron	4,800	0.48	800
1062	A1062F-51-06	Lead	71		
1082	A1082B-51-00	Arsenic	5		
1082	A1082B-51-00	Iron	6,400	0.64	1280
1082	A1082B-51-00	Lead	45		
1082	A1082F-51-00	Arsenic	6		
1082	A1082F-51-00	Iron	5,900	0.59	983
1082	A1082F-51-00	Lead	57		
1083	A1083B-51-06	Arsenic	10		
1083	A1083B-51-06	Iron	7,400	0.74	740
1083	A1083B-51-06	Lead	110		
1083	A1083F-51-06	Arsenic	5		
1083	A1083F-51-06	Iron	6,600	0.66	1320
1083	A1083F-51-06	Lead	46		
1085	A1085F-51-00	Arsenic	35		
1085	A1085F-51-00	Iron	7,800	0.78	223
1085	A1085F-51-00	Lead	820		
1122	A1122B-51-00	Arsenic	16		
1122	A1122B-51-00	Iron	7,700	0.77	481
1122	A1122B-51-00	Lead	120		
1122	A1122F-51-06	Arsenic	9		
1122	A1122F-51-06	Iron	6,600	0.66	733
1122	A1122F-51-06	Lead	37		
1124	A1124B-51-06	Arsenic	8		
1124	A1124B-51-06	Iron	6,900	0.69	863
1124	A1124B-51-06	Lead	41		
1124	A1124F-51-00	Arsenic	10		
1124	A1124F-51-00	Iron	10,000	1.00	1000
1124	A1124F-51-00	Lead	120		
1124	A1124F-52-00	Arsenic	31		
1124	A1124F-52-00	Iron	9,100	0.91	294
1124	A1124F-52-00	Lead	410		

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Table 3-8**Residential Soil Iron, Lead and Arsenic Results (Continued)**

Lead	Sample ID	Analyte	Results	Iron %	Fe/As
1127	1127F-51-00	Arsenic	2		
1127	A1127F-51-00	Iron	3,200	0.32	1600
1127	A1127F-51-00	Lead	4		
1127	A1127F-51-06	Arsenic	2		
1127	A1127F-51-06	Iron	3,700	0.37	1850
1127	A1127F-51-06	Lead	5		
1127	A1127R-51-00	Arsenic	2		
1127	A1127R-51-00	Iron	5,300	0.53	2650
1127	A1127R-51-00	Lead	5		
1127	A1127R-51-06	Arsenic	4		
1127	A1127R-51-06	Iron	5,200	0.52	1300
1127	A1127R-51-06	Lead	14		
1141	A1141B-51-00	Arsenic	9		
1141	A1141B-51-00	Iron	7,200	0.72	800
1141	A1141B-51-00	Lead	140		
1141	A1141F-51-00	Arsenic	15		
1141	A1141F-51-00	Iron	9,700	0.97	647
1141	A1141F-51-00	Lead	86		
1141	A1141F-51-06	Arsenic	20		
1141	A1141F-51-06	Iron	7,900	0.79	395
1141	A1141F-51-06	Lead	140		
1141	A1141F-52-06	Arsenic	21		
1141	A1141F-52-06	Iron	8,300	0.83	395
1141	A1141F-52-06	Lead	140		
1174	A1174F-51-06	Arsenic	11		
1174	A1174F-51-06	Iron	16,000	1.60	1455
1174	A1174F-51-06	Lead	59		
1180	A1180B-51-06	Arsenic	3		
1180	A1180B-51-06	Iron	5,300	0.53	1767
1180	A1180B-51-06	Lead	26		
1180	A1180F-51-06	Arsenic	4		
1180	A1180F-51-06	Iron	6,700	0.67	1675
1180	A1180F-51-06	Lead	67		
1181	A1181B-51-06	Arsenic	9		
1181	A1181B-51-06	Iron	12,000	1.20	1333
1181	A1181B-51-06	Lead	34		

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Table 3-8**Residential Soil Iron, Lead and Arsenic Results (Continued)**

Location	Sample ID	Analyte	Result	Iron %	Fe/As
1370	A1370F-51-00	Arsenic	16		
1370	A1370F-51-00	Iron	18,000	1.80	1125
1370	A1370F-51-00	Lead	63		
1370	A1370F-52-00	Arsenic	6		
1370	A1370F-52-00	Iron	14,000	1.40	2333
1370	A1370F-52-00	Lead	56		
1390	A1390B-51-00	Arsenic	3		
1390	A1390B-51-00	Iron	8,800	0.88	2933
1390	A1390B-51-00	Lead	15		
1390	A1390F-51-06	Arsenic	7		
1390	A1390F-51-06	Iron	8,900	0.89	1271
1390	A1390F-51-06	Lead	12		
1408	A1408A-51-00	Arsenic	7		
1408	A1408A-51-00	Iron	10,000	1.00	1429
1408	A1408A-51-00	Lead	20		
1408	A1408A-51-06	Arsenic	4		
1408	A1408A-51-06	Iron	12,000	1.20	3000
1408	A1408A-51-06	Lead	9		
1408	A1408A-52-06	Arsenic	3		
1408	A1408A-52-06	Iron	11,000	1.10	3667
1408	A1408A-52-06	Lead	8		

4. SUMMARY OF RESULTS

WESTON completed soil sampling at the El Paso Metals Survey site located in El Paso, Texas.

The El Paso Metals Survey had four objectives:

- Identify immediate or potential threats that hazardous substances attributable to the area may pose to human health and the environment, and identify the receptors, or targets, potentially exposed to the hazardous substances.
- Locate potential sources of contamination, and verify the areas of contamination by sampling.
- Define the horizontal and vertical extent of soil contamination.
- Use the analytical results to delineate contaminated areas, and estimate the area of contaminated material for potential removal actions.

On the basis of the work performed during the sampling, the following results were found.

The laboratory results, presented in Tables 3-2 through 3-7, for samples collected during the survey confirm that arsenic and lead were detected above screening levels in 104 of the 341 locations sampled. Appendix E presents detailed data results of the survey.

Survey results indicate that arsenic and lead were detected above EPA screening levels at multiple locations. The EPA provided screening level for arsenic (24 mg/kg) was exceeded at 60 survey locations: apartment complexes, residences, day cares, a school, city properties, parks, and industrial/undeveloped locations throughout the sample area. The EPA screening level for residential lead (500 mg/kg) was exceeded at 32 survey locations: apartment complexes, residences, day cares, and city properties. The EPA screening level for industrial lead (1000 mg/kg) was exceeded at industrial/undeveloped locations throughout the sample area.

Maximum concentrations of arsenic, 490 mg/kg at a residence in north El Paso and 480 mg/kg at a BLM site in Sunland Park, New Mexico, were detected in surface soil samples. The maximum concentration of lead measured, 3500 mg/kg, was reported at the ASARCO site.

Because the contaminants above the screening levels were reported in the surface soils (0- to 6-inch depth) the potential receptors include children, adults and domestic animals. Locations where the receptors can potentially be exposed to the elevated levels of arsenic and lead include apartment complexes, residences, day cares, and city properties.

Appendix E

Analytical Maximums and Summary of all Sample Locations

Analytical Maximums and Summary of Sample Locations

LOCATION	SAMPLE ID	ANALYTE	RESULT	UNIT
1001	A1001A-51-00	Arsenic	8.60	mg/kg
1001	A1001A-51-00	Lead	89.00	mg/kg
1002	A1002-51-00	Arsenic	3.00	mg/kg
1002	A1002-51-00	Lead	15.00	mg/kg
1003	A1003A-51-00	Arsenic	15.00	mg/kg
1003	A1003A-51-00	Lead	340.00	mg/kg
1003	A1003A-51-06	Arsenic	27.00	mg/kg
1003	A1003A-51-06	Lead	430.00	mg/kg
1004	A1004-51-00	Arsenic	3.30	mg/kg
1004	A1004-51-00	Lead	18.00	mg/kg
1005	A1005A-51-00	Arsenic	1.40	mg/kg
1005	A1005A-51-00	Lead	6.80	mg/kg
1006	A1006A-51-00	Arsenic	3.70	mg/kg
1006	A1006A-51-00	Lead	43.00	mg/kg
1007	A1007B-51-00	Arsenic	10.00	mg/kg
1007	A1007B-51-00	Lead	58.00	mg/kg
1007	A1007B-51-06	Arsenic	20.00	mg/kg
1007	A1007B-51-06	Lead	270.00	mg/kg
1007	A1007B-51-12	Arsenic	10.00	mg/kg
1007	A1007B-51-12	Lead	15.00	mg/kg
1007	A1007F-51-00	Arsenic	9.70	mg/kg
1007	A1007F-51-00	Lead	160.00	mg/kg
1007	A1007F-51-06	Arsenic	15.00	mg/kg
1007	A1007F-51-06	Lead	180.00	mg/kg
1007	A1007F-51-12	Arsenic	12.00	mg/kg
1007	A1007F-51-12	Lead	9.80	mg/kg
1008	A1008-51-00	Aluminum	2700.00	mg/kg
1008	A1008-51-00	Antimony	0.59	mg/kg
1008	A1008-51-00	Arsenic	4.80	mg/kg
1008	A1008-51-00	Barium	97.00	mg/kg
1008	A1008-51-00	Beryllium	0.27	mg/kg
1008	A1008-51-00	Cadmium	1.10	mg/kg
1008	A1008-51-00	Calcium	26000.00	mg/kg
1008	A1008-51-00	Chromium	4.40	mg/kg
1008	A1008-51-00	Cobalt	2.90	mg/kg
1008	A1008-51-00	Copper	40.00	mg/kg
1008	A1008-51-00	Iron	5300.00	mg/kg
1008	A1008-51-00	Lead	66.00	mg/kg
1008	A1008-51-00	Magnesium	3900.00	mg/kg
1008	A1008-51-00	Manganese	200.00	mg/kg
1008	A1008-51-00	Nickel	4.40	mg/kg
1008	A1008-51-00	Potassium	810.00	mg/kg
1008	A1008-51-00	Selenium	0.93	mg/kg
1008	A1008-51-00	Silver	0.20	mg/kg
1008	A1008-51-00	Sodium	450.00	mg/kg
1008	A1008-51-00	Thallium	0.93	mg/kg
1008	A1008-51-00	Vanadium	11.00	mg/kg
1008	A1008-51-00	Zinc	58.00	mg/kg
1008	A1008-51-00	Mercury	0.04	mg/kg
1009	A1009-51-00	Arsenic	7.60	mg/kg
1009	A1009-51-00	Lead	51.00	mg/kg
1010	A1010B-51-00	Arsenic	20.00	mg/kg
1010	A1010B-51-00	Lead	450.00	mg/kg
1010	A1010B-51-06	Aluminum	4000.00	mg/kg
1010	A1010B-51-06	Antimony	5.20	mg/kg
1010	A1010B-51-06	Arsenic	31.00	mg/kg
1010	A1010B-51-06	Barium	170.00	mg/kg
1010	A1010B-51-06	Beryllium	0.34	mg/kg
1010	A1010B-51-06	Cadmium	15.00	mg/kg

Analytical Maximums and Summary of Sample Locations

LOCATION	SAMPLE ID	ANALYTE	RESULT	UNIT
1010	A1010B-51-06	Calcium	15000.00	mg/kg
1010	A1010B-51-06	Chromium	10.00	mg/kg
1010	A1010B-51-06	Cobalt	4.00	mg/kg
1010	A1010B-51-06	Copper	400.00	mg/kg
1010	A1010B-51-06	Iron	9500.00	mg/kg
1010	A1010B-51-06	Lead	610.00	mg/kg
1010	A1010B-51-06	Magnesium	3300.00	mg/kg
1010	A1010B-51-06	Manganese	200.00	mg/kg
1010	A1010B-51-06	Nickel	10.00	mg/kg
1010	A1010B-51-06	Potassium	1600.00	mg/kg
1010	A1010B-51-06	Selenium	1.30	mg/kg
1010	A1010B-51-06	Silver	2.80	mg/kg
1010	A1010B-51-06	Sodium	470.00	mg/kg
1010	A1010B-51-06	Thallium	0.76	mg/kg
1010	A1010B-51-06	Vanadium	15.00	mg/kg
1010	A1010B-51-06	Zinc	550.00	mg/kg
1010	A1010B-51-06	Mercury	0.39	mg/kg
1010	A1010B-51-12	Arsenic	21.00	mg/kg
1010	A1010B-51-12	Lead	200.00	mg/kg
1010	A1010F-51-00	Arsenic	25.00	mg/kg
1010	A1010F-51-00	Lead	540.00	mg/kg
1010	A1010F-51-06	Aluminum	4700.00	mg/kg
1010	A1010F-51-06	Antimony	3.90	mg/kg
1010	A1010F-51-06	Arsenic	26.00	mg/kg
1010	A1010F-51-06	Barium	130.00	mg/kg
1010	A1010F-51-06	Beryllium	0.37	mg/kg
1010	A1010F-51-06	Cadmium	4.60	mg/kg
1010	A1010F-51-06	Calcium	62000.00	mg/kg
1010	A1010F-51-06	Chromium	6.70	mg/kg
1010	A1010F-51-06	Cobalt	4.40	mg/kg
1010	A1010F-51-06	Copper	340.00	mg/kg
1010	A1010F-51-06	Iron	10000.00	mg/kg
1010	A1010F-51-06	Lead	170.00	mg/kg
1010	A1010F-51-06	Magnesium	5100.00	mg/kg
1010	A1010F-51-06	Manganese	230.00	mg/kg
1010	A1010F-51-06	Nickel	7.30	mg/kg
1010	A1010F-51-06	Potassium	1300.00	mg/kg
1010	A1010F-51-06	Selenium	0.61	mg/kg
1010	A1010F-51-06	Silver	1.30	mg/kg
1010	A1010F-51-06	Sodium	540.00	mg/kg
1010	A1010F-51-06	Thallium	1.20	mg/kg
1010	A1010F-51-06	Vanadium	19.00	mg/kg
1010	A1010F-51-06	Zinc	180.00	mg/kg
1010	A1010F-51-06	Mercury	0.33	mg/kg
1010	A1010F-51-12	Arsenic	11.00	mg/kg
1010	A1010F-51-12	Lead	9.30	mg/kg
1010	A1010F-51-18	Arsenic	3.70	mg/kg
1010	A1010F-51-18	Lead	3.10	mg/kg
1010	A1010F-51-24	Arsenic	3.50	mg/kg
1010	A1010F-51-24	Lead	2.80	mg/kg
1011	A1011F-51-00	Arsenic	58.00	mg/kg
1011	A1011F-51-00	Lead	820.00	mg/kg
1011	A1011F-51-06	Arsenic	27.00	mg/kg
1011	A1011F-51-06	Lead	320.00	mg/kg
1011	A1011F-51-12	Arsenic	7.80	mg/kg
1011	A1011F-51-12	Lead	39.00	mg/kg
1011	A1011F-51-18	Arsenic	4.30	mg/kg
1011	A1011F-51-18	Lead	3.60	mg/kg
1011	A1011F-51-24	Arsenic	4.70	mg/kg

Analytical Maximums and Summary of Sample Locations

LOCATION	SAMPLE ID	ANALYTE	RESULT	UNIT
1011	A1011F-51-24	Lead	2.90	mg/kg
1011	A1011L-51-00	Arsenic	70.00	mg/kg
1011	A1011L-51-00	Lead	1600.00	mg/kg
1011	A1011L-51-06	Arsenic	23.00	mg/kg
1011	A1011L-51-06	Lead	370.00	mg/kg
1011	A1011L-51-12	Arsenic	4.70	mg/kg
1011	A1011L-51-12	Lead	26.00	mg/kg
1012	A1012F-51-00	Arsenic	44.00	mg/kg
1012	A1012F-51-00	Lead	570.00	mg/kg
1012	A1012F-51-06	Arsenic	44.00	mg/kg
1012	A1012F-51-06	Lead	760.00	mg/kg
1012	A1012F-51-12	Arsenic	8.40	mg/kg
1012	A1012F-51-12	Lead	72.00	mg/kg
1012	A1012F-51-18	Arsenic	3.40	mg/kg
1012	A1012F-51-18	Lead	3.00	mg/kg
1012	A1012F-51-24	Arsenic	8.90	mg/kg
1012	A1012F-51-24	Lead	6.30	mg/kg
1012	A1012R-51-00	Arsenic	33.00	mg/kg
1012	A1012R-51-00	Lead	550.00	mg/kg
1012	A1012R-51-06	Arsenic	36.00	mg/kg
1012	A1012R-51-06	Lead	740.00	mg/kg
1012	A1012R-51-12	Arsenic	17.00	mg/kg
1012	A1012R-51-12	Lead	49.00	mg/kg
1013	A1013B-51-00	Arsenic	18.00	mg/kg
1013	A1013B-51-00	Lead	270.00	mg/kg
1013	A1013B-51-06	Arsenic	31.00	mg/kg
1013	A1013B-51-06	Lead	290.00	mg/kg
1013	A1013B-51-12	Arsenic	12.00	mg/kg
1013	A1013B-51-12	Lead	88.00	mg/kg
1013	A1013F-51-00	Arsenic	17.00	mg/kg
1013	A1013F-51-00	Lead	380.00	mg/kg
1013	A1013F-51-06	Arsenic	16.00	mg/kg
1013	A1013F-51-06	Lead	560.00	mg/kg
1013	A1013F-51-12	Arsenic	9.40	mg/kg
1013	A1013F-51-12	Lead	220.00	mg/kg
1014	A1014A-51-00	Arsenic	3.60	mg/kg
1014	A1014A-51-00	Lead	20.00	mg/kg
1015	A1015A-51-00	Arsenic	13.00	mg/kg
1015	A1015A-51-00	Lead	350.00	mg/kg
1016	A1016A-51-00	Arsenic	6.00	mg/kg
1016	A1016A-51-00	Lead	100.00	mg/kg
1017	A1017B-51-00	Arsenic	81.00	mg/kg
1017	A1017B-51-00	Lead	390.00	mg/kg
1017	A1017B-51-06	Arsenic	34.00	mg/kg
1017	A1017B-51-06	Lead	150.00	mg/kg
1017	A1017B-51-12	Arsenic	13.00	mg/kg
1017	A1017B-51-12	Lead	91.00	mg/kg
1017	A1017F-51-00	Arsenic	20.00	mg/kg
1017	A1017F-51-00	Lead	290.00	mg/kg
1017	A1017F-51-06	Arsenic	29.00	mg/kg
1017	A1017F-51-06	Lead	280.00	mg/kg
1017	A1017F-51-12	Arsenic	19.00	mg/kg
1017	A1017F-51-12	Lead	72.00	mg/kg
1017	A1017F-51-18	Arsenic	13.00	mg/kg
1017	A1017F-51-18	Lead	39.00	mg/kg
1017	A1017F-51-24	Arsenic	5.40	mg/kg
1017	A1017F-51-24	Lead	14.00	mg/kg
1018	A1018B-51-00	Arsenic	18.00	mg/kg
1018	A1018B-51-00	Lead	390.00	mg/kg

Analytical Maximums and Summary of Sample Locations

LOCATION	SAMPLE ID	ANALYTE	RESULT	UNIT
1018	A1018B-51-06	Arsenic	11.00	mg/kg
1018	A1018B-51-06	Lead	240.00	mg/kg
1018	A1018B-51-12	Arsenic	3.70	mg/kg
1018	A1018B-51-12	Lead	35.00	mg/kg
1018	A1018F-51-00	Arsenic	36.00	mg/kg
1018	A1018F-51-00	Lead	740.00	mg/kg
1018	A1018F-51-06	Arsenic	17.00	mg/kg
1018	A1018F-51-06	Lead	350.00	mg/kg
1018	A1018F-51-12	Arsenic	5.90	mg/kg
1018	A1018F-51-12	Lead	28.00	mg/kg
1019	A1019A-51-00	Arsenic	23.00	mg/kg
1019	A1019A-51-00	Lead	590.00	mg/kg
1020	A1020-51-00	Aluminum	5100.00	mg/kg
1020	A1020-51-00	Antimony	0.72	mg/kg
1020	A1020-51-00	Arsenic	7.90	mg/kg
1020	A1020-51-00	Barium	120.00	mg/kg
1020	A1020-51-00	Beryllium	0.38	mg/kg
1020	A1020-51-00	Cadmium	2.80	mg/kg
1020	A1020-51-00	Calcium	31000.00	mg/kg
1020	A1020-51-00	Chromium	11.00	mg/kg
1020	A1020-51-00	Cobalt	4.00	mg/kg
1020	A1020-51-00	Copper	45.00	mg/kg
1020	A1020-51-00	Iron	8700.00	mg/kg
1020	A1020-51-00	Lead	58.00	mg/kg
1020	A1020-51-00	Magnesium	4400.00	mg/kg
1020	A1020-51-00	Manganese	280.00	mg/kg
1020	A1020-51-00	Nickel	6.80	mg/kg
1020	A1020-51-00	Potassium	1800.00	mg/kg
1020	A1020-51-00	Selenium	0.99	mg/kg
1020	A1020-51-00	Silver	0.94	mg/kg
1020	A1020-51-00	Sodium	6300.00	mg/kg
1020	A1020-51-00	Thallium	0.68	mg/kg
1020	A1020-51-00	Vanadium	18.00	mg/kg
1020	A1020-51-00	Zinc	62.00	mg/kg
1020	A1020-51-00	Mercury	0.07	mg/kg
1021	A1021F-51-00	Arsenic	46.00	mg/kg
1021	A1021F-51-00	Lead	690.00	mg/kg
1021	A1021F-51-06	Arsenic	43.00	mg/kg
1021	A1021F-51-06	Lead	1700.00	mg/kg
1021	A1021F-51-12	Arsenic	9.90	mg/kg
1021	A1021F-51-12	Lead	110.00	mg/kg
1022	A1022F-51-00	Arsenic	44.00	mg/kg
1022	A1022F-51-00	Lead	880.00	mg/kg
1022	A1022F-51-06	Arsenic	43.00	mg/kg
1022	A1022F-51-06	Lead	520.00	mg/kg
1022	A1022F-51-12	Arsenic	16.00	mg/kg
1022	A1022F-51-12	Lead	65.00	mg/kg
1022	A1022F-51-18	Arsenic	21.00	mg/kg
1022	A1022F-51-18	Lead	46.00	mg/kg
1022	A1022F-51-24	Arsenic	17.00	mg/kg
1022	A1022F-51-24	Lead	4.90	mg/kg
1023	A1023-51-00	Arsenic	9.30	mg/kg
1023	A1023-51-00	Lead	58.00	mg/kg
1024	A1024-51-00	Arsenic	7.30	mg/kg
1024	A1024-51-00	Lead	43.00	mg/kg
1025	A1025B-51-00	Arsenic	7.50	mg/kg
1025	A1025B-51-00	Lead	120.00	mg/kg
1025	A1025F-51-00	Arsenic	12.00	mg/kg
1025	A1025F-51-00	Lead	110.00	mg/kg

Analytical Maximums and Summary of Sample Locations

LOCATION	SAMPLE ID	ANALYTE	RESULT	UNIT
1026	A1026A-51-00	Arsenic	4.60	mg/kg
1026	A1026A-51-00	Lead	17.00	mg/kg
1026	A1026B-51-00	Arsenic	4.90	mg/kg
1026	A1026B-51-00	Lead	23.00	mg/kg
1026	A1026C-51-00	Arsenic	4.30	mg/kg
1026	A1026C-51-00	Lead	15.00	mg/kg
1027	A1027A-51-00	Arsenic	4.90	mg/kg
1027	A1027A-51-00	Lead	79.00	mg/kg
1027	A1027B-51-00	Arsenic	4.60	mg/kg
1027	A1027B-51-00	Lead	57.00	mg/kg
1028	A1028F-51-00	Aluminum	5700.00	mg/kg
1028	A1028F-51-00	Antimony	2.80	mg/kg
1028	A1028F-51-00	Arsenic	17.00	mg/kg
1028	A1028F-51-00	Barium	180.00	mg/kg
1028	A1028F-51-00	Beryllium	0.46	mg/kg
1028	A1028F-51-00	Cadmium	7.20	mg/kg
1028	A1028F-51-00	Calcium	44000.00	mg/kg
1028	A1028F-51-00	Chromium	21.00	mg/kg
1028	A1028F-51-00	Cobalt	4.60	mg/kg
1028	A1028F-51-00	Copper	340.00	mg/kg
1028	A1028F-51-00	Iron	10000.00	mg/kg
1028	A1028F-51-00	Lead	450.00	mg/kg
1028	A1028F-51-00	Magnesium	8600.00	mg/kg
1028	A1028F-51-00	Manganese	280.00	mg/kg
1028	A1028F-51-00	Nickel	14.00	mg/kg
1028	A1028F-51-00	Potassium	2100.00	mg/kg
1028	A1028F-51-00	Selenium	0.85	mg/kg
1028	A1028F-51-00	Silver	2.80	mg/kg
1028	A1028F-51-00	Sodium	720.00	mg/kg
1028	A1028F-51-00	Thallium	0.95	mg/kg
1028	A1028F-51-00	Vanadium	16.00	mg/kg
1028	A1028F-51-00	Zinc	610.00	mg/kg
1028	A1028F-51-00	Mercury	0.45	mg/kg
1028	A1028F-51-06	Arsenic	24.00	mg/kg
1028	A1028F-51-06	Lead	310.00	mg/kg
1028	A1028F-51-12	Arsenic	14.00	mg/kg
1028	A1028F-51-12	Lead	24.00	mg/kg
1029	A1029A-51-00	Arsenic	12.00	mg/kg
1029	A1029A-51-00	Lead	290.00	mg/kg
1029	A1029A-51-06	Arsenic	12.00	mg/kg
1029	A1029A-51-06	Lead	220.00	mg/kg
1029	A1029A-51-12	Arsenic	6.10	mg/kg
1029	A1029A-51-12	Lead	41.00	mg/kg
1029	A1029A-51-18	Arsenic	4.90	mg/kg
1029	A1029A-51-18	Lead	14.00	mg/kg
1029	A1029A-51-24	Arsenic	8.70	mg/kg
1029	A1029A-51-24	Lead	14.00	mg/kg
1029	A1029B-51-00	Arsenic	13.00	mg/kg
1029	A1029B-51-00	Lead	200.00	mg/kg
1029	A1029B-51-06	Arsenic	14.00	mg/kg
1029	A1029B-51-06	Lead	140.00	mg/kg
1029	A1029B-51-12	Arsenic	9.40	mg/kg
1029	A1029B-51-12	Lead	60.00	mg/kg
1029	A1029B-51-18	Arsenic	3.80	mg/kg
1029	A1029B-51-18	Lead	16.00	mg/kg
1029	A1029B-51-24	Arsenic	3.80	mg/kg
1029	A1029B-51-24	Lead	10.00	mg/kg
1030	A1030A-51-00	Arsenic	3.60	mg/kg
1030	A1030A-51-00	Lead	31.00	mg/kg

Analytical Maximums and Summary of Sample Locations

LOCATION	SAMPLE ID	ANALYTE	RESULT	UNIT
1031	A1031A-51-00	Aluminum	5700.00	mg/kg
1031	A1031A-51-00	Antimony	1.90	mg/kg
1031	A1031A-51-00	Arsenic	9.20	mg/kg
1031	A1031A-51-00	Barium	100.00	mg/kg
1031	A1031A-51-00	Beryllium	0.47	mg/kg
1031	A1031A-51-00	Cadmium	7.10	mg/kg
1031	A1031A-51-00	Calcium	13000.00	mg/kg
1031	A1031A-51-00	Chromium	7.80	mg/kg
1031	A1031A-51-00	Cobalt	4.00	mg/kg
1031	A1031A-51-00	Copper	240.00	mg/kg
1031	A1031A-51-00	Iron	9600.00	mg/kg
1031	A1031A-51-00	Lead	290.00	mg/kg
1031	A1031A-51-00	Magnesium	5200.00	mg/kg
1031	A1031A-51-00	Manganese	260.00	mg/kg
1031	A1031A-51-00	Nickel	7.50	mg/kg
1031	A1031A-51-00	Potassium	2100.00	mg/kg
1031	A1031A-51-00	Selenium	0.64	mg/kg
1031	A1031A-51-00	Silver	1.10	mg/kg
1031	A1031A-51-00	Sodium	380.00	mg/kg
1031	A1031A-51-00	Thallium	1.00	mg/kg
1031	A1031A-51-00	Vanadium	15.00	mg/kg
1031	A1031A-51-00	Zinc	290.00	mg/kg
1031	A1031A-51-00	Mercury	0.17	mg/kg
1032	A1032B-51-00	Arsenic	26.00	mg/kg
1032	A1032B-51-00	Lead	210.00	mg/kg
1032	A1032B-51-06	Arsenic	18.00	mg/kg
1032	A1032B-51-06	Lead	99.00	mg/kg
1032	A1032F-51-00	Arsenic	16.00	mg/kg
1032	A1032F-51-00	Lead	220.00	mg/kg
1032	A1032F-51-06	Arsenic	11.00	mg/kg
1032	A1032F-51-06	Lead	160.00	mg/kg
1033	A1033L-51-00	Arsenic	13.00	mg/kg
1033	A1033L-51-00	Lead	290.00	mg/kg
1033	A1033L-51-06	Arsenic	15.00	mg/kg
1033	A1033L-51-06	Lead	360.00	mg/kg
1033	A1033L-51-12	Arsenic	7.30	mg/kg
1033	A1033L-51-12	Lead	33.00	mg/kg
1034	A1034-51-00	Arsenic	25.00	mg/kg
1034	A1034-51-00	Lead	200.00	mg/kg
1035	A1035A-51-00	Arsenic	17.00	mg/kg
1035	A1035A-51-00	Lead	220.00	mg/kg
1036	A1036-51-00	Arsenic	98.00	mg/kg
1036	A1036-51-00	Lead	500.00	mg/kg
1037	A1037-51-00	Arsenic	51.00	mg/kg
1037	A1037-51-00	Lead	360.00	mg/kg
1038	A1038A-51-00	Arsenic	58.00	mg/kg
1038	A1038A-51-00	Lead	360.00	mg/kg
1038	A1038B-51-00	Arsenic	23.00	mg/kg
1038	A1038B-51-00	Lead	450.00	mg/kg
1039	A1039B-51-00	Arsenic	43.00	mg/kg
1039	A1039B-51-00	Lead	1200.00	mg/kg
1039	A1039B-51-06	Arsenic	26.00	mg/kg
1039	A1039B-51-06	Lead	600.00	mg/kg
1039	A1039B-51-12	Arsenic	7.80	mg/kg
1039	A1039B-51-12	Lead	55.00	mg/kg
1039	A1039F-51-00	Arsenic	46.00	mg/kg
1039	A1039F-51-00	Lead	1200.00	mg/kg
1039	A1039F-51-06	Arsenic	54.00	mg/kg
1039	A1039F-51-06	Lead	1100.00	mg/kg

Analytical Maximums and Summary of Sample Locations

LOCATION	SAMPLE ID	ANALYTE	RESULT	UNIT
1039	A1039F-51-12	Arsenic	6.10	mg/kg
1039	A1039F-51-12	Lead	19.00	mg/kg
1039	A1039F-51-18	Arsenic	10.00	mg/kg
1039	A1039F-51-18	Lead	5.40	mg/kg
1039	A1039F-51-24	Arsenic	15.00	mg/kg
1039	A1039F-51-24	Lead	6.10	mg/kg
1040	A1040B-51-00	Arsenic	20.00	mg/kg
1040	A1040B-51-00	Lead	470.00	mg/kg
1040	A1040B-51-06	Arsenic	12.00	mg/kg
1040	A1040B-51-06	Lead	270.00	mg/kg
1040	A1040B-51-12	Arsenic	6.50	mg/kg
1040	A1040B-51-12	Lead	8.20	mg/kg
1040	A1040F-51-00	Arsenic	22.00	mg/kg
1040	A1040F-51-00	Lead	520.00	mg/kg
1040	A1040F-51-06	Arsenic	21.00	mg/kg
1040	A1040F-51-06	Lead	400.00	mg/kg
1040	A1040F-51-12	Arsenic	12.00	mg/kg
1040	A1040F-51-12	Lead	110.00	mg/kg
1040	A1040F-51-18	Arsenic	11.00	mg/kg
1040	A1040F-51-18	Lead	21.00	mg/kg
1040	A1040F-51-24	Arsenic	7.50	mg/kg
1040	A1040F-51-24	Lead	5.50	mg/kg
1041	A1041B-51-00	Arsenic	22.00	mg/kg
1041	A1041B-51-00	Lead	490.00	mg/kg
1041	A1041B-51-06	Arsenic	17.00	mg/kg
1041	A1041B-51-06	Lead	180.00	mg/kg
1041	A1041B-51-12	Arsenic	15.00	mg/kg
1041	A1041B-51-12	Lead	17.00	mg/kg
1041	A1041F-51-00	Arsenic	20.00	mg/kg
1041	A1041F-51-00	Lead	500.00	mg/kg
1041	A1041F-51-06	Arsenic	12.00	mg/kg
1041	A1041F-51-06	Lead	89.00	mg/kg
1041	A1041F-51-12	Arsenic	11.00	mg/kg
1041	A1041F-51-12	Lead	9.20	mg/kg
1042	A1042B-51-00	Arsenic	10.00	mg/kg
1042	A1042B-51-00	Lead	130.00	mg/kg
1042	A1042B-51-06	Arsenic	17.00	mg/kg
1042	A1042B-51-06	Lead	170.00	mg/kg
1042	A1042B-51-12	Arsenic	2.20	mg/kg
1042	A1042B-51-12	Lead	4.60	mg/kg
1042	A1042F-51-00	Arsenic	8.50	mg/kg
1042	A1042F-51-00	Lead	150.00	mg/kg
1042	A1042F-51-06	Arsenic	4.10	mg/kg
1042	A1042F-51-06	Lead	20.00	mg/kg
1042	A1042F-51-12	Arsenic	4.60	mg/kg
1042	A1042F-51-12	Lead	3.50	mg/kg
1043	A1043F-51-00	Arsenic	13.00	mg/kg
1043	A1043F-51-00	Lead	440.00	mg/kg
1043	A1043F-51-06	Arsenic	8.80	mg/kg
1043	A1043F-51-06	Lead	63.00	mg/kg
1044	A1044A-51-00	Arsenic	10.00	mg/kg
1044	A1044A-51-00	Lead	240.00	mg/kg
1044	A1044A-51-06	Arsenic	7.20	mg/kg
1044	A1044A-51-06	Lead	97.00	mg/kg
1044	A1044B-51-00	Arsenic	14.00	mg/kg
1044	A1044B-51-00	Lead	230.00	mg/kg
1044	A1044B-51-06	Arsenic	10.00	mg/kg
1044	A1044B-51-06	Lead	270.00	mg/kg
1044	A1044B-51-12	Arsenic	2.60	mg/kg

Analytical Maximums and Summary of Sample Locations

LOCATION	SAMPLE ID	ANALYTE	RESULT	UNIT
1044	A1044B-51-12	Lead	12.00	mg/kg
1045	A1045B-51-00	Arsenic	43.00	mg/kg
1045	A1045B-51-00	Lead	220.00	mg/kg
1045	A1045B-51-06	Arsenic	16.00	mg/kg
1045	A1045B-51-06	Lead	96.00	mg/kg
1045	A1045B-51-12	Arsenic	5.40	mg/kg
1045	A1045B-51-12	Lead	16.00	mg/kg
1045	A1045F-51-00	Arsenic	58.00	mg/kg
1045	A1045F-51-00	Lead	310.00	mg/kg
1045	A1045F-51-06	Arsenic	12.00	mg/kg
1045	A1045F-51-06	Lead	120.00	mg/kg
1045	A1045F-51-12	Arsenic	6.70	mg/kg
1045	A1045F-51-12	Lead	85.00	mg/kg
1046	A1046B-51-00	Aluminum	2900.00	mg/kg
1046	A1046B-51-00	Antimony	1.70	mg/kg
1046	A1046B-51-00	Arsenic	2.60	mg/kg
1046	A1046B-51-00	Barium	48.00	mg/kg
1046	A1046B-51-00	Beryllium	0.20	mg/kg
1046	A1046B-51-00	Cadmium	0.14	mg/kg
1046	A1046B-51-00	Calcium	11000.00	mg/kg
1046	A1046B-51-00	Chromium	4.30	mg/kg
1046	A1046B-51-00	Cobalt	1.70	mg/kg
1046	A1046B-51-00	Copper	11.00	mg/kg
1046	A1046B-51-00	Iron	4500.00	mg/kg
1046	A1046B-51-00	Lead	12.00	mg/kg
1046	A1046B-51-00	Magnesium	1500.00	mg/kg
1046	A1046B-51-00	Manganese	78.00	mg/kg
1046	A1046B-51-00	Nickel	5.70	mg/kg
1046	A1046B-51-00	Potassium	930.00	mg/kg
1046	A1046B-51-00	Selenium	0.87	mg/kg
1046	A1046B-51-00	Silver	0.87	mg/kg
1046	A1046B-51-00	Sodium	110.00	mg/kg
1046	A1046B-51-00	Thallium	0.87	mg/kg
1046	A1046B-51-00	Vanadium	8.80	mg/kg
1046	A1046B-51-00	Zinc	36.00	mg/kg
1046	A1046B-51-00	Mercury	0.01	mg/kg
1046	A1046F-51-00	Arsenic	11.00	mg/kg
1046	A1046F-51-00	Lead	190.00	mg/kg
1047	A1047A-51-00	Arsenic	5.30	mg/kg
1047	A1047A-51-00	Lead	44.00	mg/kg
1047	A1047A-51-06	Aluminum	6600.00	mg/kg
1047	A1047A-51-06	Antimony	2.00	mg/kg
1047	A1047A-51-06	Arsenic	3.10	mg/kg
1047	A1047A-51-06	Barium	61.00	mg/kg
1047	A1047A-51-06	Beryllium	0.44	mg/kg
1047	A1047A-51-06	Cadmium	0.49	mg/kg
1047	A1047A-51-06	Calcium	18000.00	mg/kg
1047	A1047A-51-06	Chromium	6.60	mg/kg
1047	A1047A-51-06	Cobalt	3.80	mg/kg
1047	A1047A-51-06	Copper	7.80	mg/kg
1047	A1047A-51-06	Iron	9200.00	mg/kg
1047	A1047A-51-06	Lead	8.00	mg/kg
1047	A1047A-51-06	Magnesium	4000.00	mg/kg
1047	A1047A-51-06	Manganese	220.00	mg/kg
1047	A1047A-51-06	Nickel	6.60	mg/kg
1047	A1047A-51-06	Potassium	2200.00	mg/kg
1047	A1047A-51-06	Selenium	0.98	mg/kg
1047	A1047A-51-06	Silver	0.98	mg/kg
1047	A1047A-51-06	Sodium	360.00	mg/kg

Analytical Maximums and Summary of Sample Locations

LOCATION	SAMPLE ID	ANALYTE	RESULT	UNIT
1047	A1047A-51-06	Thallium	0.98	mg/kg
1047	A1047A-51-06	Vanadium	16.00	mg/kg
1047	A1047A-51-06	Zinc	25.00	mg/kg
1047	A1047A-51-06	Mercury	0.02	mg/kg
1047	A1047A-51-12	Arsenic	1.80	mg/kg
1047	A1047A-51-12	Lead	3.70	mg/kg
1047	A1047A-51-18	Arsenic	3.30	mg/kg
1047	A1047A-51-18	Lead	8.10	mg/kg
1047	A1047A-51-24	Arsenic	3.50	mg/kg
1047	A1047A-51-24	Lead	3.00	mg/kg
1048	A1048A-51-00	Arsenic	12.00	mg/kg
1048	A1048A-51-00	Lead	190.00	mg/kg
1048	A1048A-51-06	Arsenic	15.00	mg/kg
1048	A1048A-51-06	Lead	160.00	mg/kg
1048	A1048A-51-12	Arsenic	6.30	mg/kg
1048	A1048A-51-12	Lead	31.00	mg/kg
1048	A1048A-51-18	Arsenic	3.80	mg/kg
1048	A1048A-51-18	Lead	5.10	mg/kg
1048	A1048A-51-24	Arsenic	2.90	mg/kg
1048	A1048A-51-24	Lead	5.00	mg/kg
1048	A1048B-51-00	Arsenic	8.70	mg/kg
1048	A1048B-51-00	Lead	120.00	mg/kg
1048	A1048B-51-06	Arsenic	14.00	mg/kg
1048	A1048B-51-06	Lead	84.00	mg/kg
1048	A1048B-51-12	Arsenic	12.00	mg/kg
1048	A1048B-51-12	Lead	96.00	mg/kg
1048	A1048B-51-18	Arsenic	15.00	mg/kg
1048	A1048B-51-18	Lead	70.00	mg/kg
1048	A1048B-51-24	Arsenic	9.80	mg/kg
1048	A1048B-51-24	Lead	100.00	mg/kg
1048	A1048C-51-00	Arsenic	4.30	mg/kg
1048	A1048C-51-00	Lead	56.00	mg/kg
1048	A1048C-51-06	Arsenic	16.00	mg/kg
1048	A1048C-51-06	Lead	150.00	mg/kg
1048	A1048C-51-12	Arsenic	16.00	mg/kg
1048	A1048C-51-12	Lead	82.00	mg/kg
1048	A1048C-51-18	Arsenic	2.90	mg/kg
1048	A1048C-51-18	Lead	10.00	mg/kg
1048	A1048C-51-24	Arsenic	0.85	mg/kg
1048	A1048C-51-24	Lead	3.20	mg/kg
1049	A1049F-51-00	Arsenic	12.00	mg/kg
1049	A1049F-51-00	Lead	170.00	mg/kg
1049	A1049F-51-06	Arsenic	17.00	mg/kg
1049	A1049F-51-06	Lead	200.00	mg/kg
1049	A1049F-51-12	Arsenic	8.40	mg/kg
1049	A1049F-51-12	Lead	10.00	mg/kg
1049	A1049R-51-00	Arsenic	16.00	mg/kg
1049	A1049R-51-00	Arsenic	16.00	mg/kg
1049	A1049R-51-00	Lead	240.00	mg/kg
1049	A1049R-51-00	Lead	240.00	mg/kg
1049	A1049R-51-06	Arsenic	19.00	mg/kg
1049	A1049R-51-06	Arsenic	19.00	mg/kg
1049	A1049R-51-06	Lead	100.00	mg/kg
1049	A1049R-51-06	Lead	100.00	mg/kg
1049	A1049R-51-12	Arsenic	8.50	mg/kg
1049	A1049R-51-12	Arsenic	8.50	mg/kg
1049	A1049R-51-12	Lead	6.30	mg/kg
1049	A1049R-51-12	Lead	6.30	mg/kg
1050	A1050B-51-00	Arsenic	17.00	mg/kg

Analytical Maximums and Summary of Sample Locations

LOCATION	SAMPLE ID	ANALYTE	RESULT	UNIT
1050	A1050B-51-00	Lead	200.00	mg/kg
1050	A1050B-51-06	Arsenic	7.30	mg/kg
1050	A1050B-51-06	Lead	59.00	mg/kg
1050	A1050B-51-12	Arsenic	2.90	mg/kg
1050	A1050B-51-12	Lead	12.00	mg/kg
1050	A1050F-51-00	Arsenic	16.00	mg/kg
1050	A1050F-51-00	Lead	240.00	mg/kg
1050	A1050F-51-06	Arsenic	16.00	mg/kg
1050	A1050F-51-06	Lead	260.00	mg/kg
1050	A1050F-51-12	Arsenic	15.00	mg/kg
1050	A1050F-51-12	Lead	17.00	mg/kg
1050	A1050F-51-18	Arsenic	10.00	mg/kg
1050	A1050F-51-18	Lead	5.00	mg/kg
1050	A1050F-51-24	Arsenic	11.00	mg/kg
1050	A1050F-51-24	Lead	0.89	mg/kg
1051	A1051F-51-00	Arsenic	9.70	mg/kg
1051	A1051F-51-00	Lead	200.00	mg/kg
1051	A1051F-51-06	Arsenic	13.00	mg/kg
1051	A1051F-51-06	Lead	240.00	mg/kg
1051	A1051F-51-12	Arsenic	11.00	mg/kg
1051	A1051F-51-12	Lead	32.00	mg/kg
1051	A1051F-51-18	Arsenic	19.00	mg/kg
1051	A1051F-51-18	Lead	4.00	mg/kg
1051	A1051F-51-24	Arsenic	8.70	mg/kg
1051	A1051F-51-24	Lead	2.10	mg/kg
1052	A1052B-51-00	Arsenic	55.00	mg/kg
1052	A1052B-51-00	Lead	440.00	mg/kg
1052	A1052B-51-06	Arsenic	39.00	mg/kg
1052	A1052B-51-06	Lead	210.00	mg/kg
1052	A1052B-51-12	Arsenic	6.70	mg/kg
1052	A1052B-51-12	Lead	17.00	mg/kg
1052	A1052F-51-00	Arsenic	75.00	mg/kg
1052	A1052F-51-00	Lead	800.00	mg/kg
1052	A1052F-51-06	Arsenic	22.00	mg/kg
1052	A1052F-51-06	Lead	270.00	mg/kg
1052	A1052F-51-12	Arsenic	7.80	mg/kg
1052	A1052F-51-12	Lead	2.70	mg/kg
1052	A1052F-51-18	Arsenic	4.00	mg/kg
1052	A1052F-51-18	Lead	2.40	mg/kg
1052	A1052F-51-24	Arsenic	3.90	mg/kg
1052	A1052F-51-24	Lead	2.70	mg/kg
1053	A1053-51-00	Arsenic	29.00	mg/kg
1053	A1053-51-00	Lead	210.00	mg/kg
1054	A1054-51-00	Aluminum	3900.00	mg/kg
1054	A1054-51-00	Antimony	3.70	mg/kg
1054	A1054-51-00	Arsenic	21.00	mg/kg
1054	A1054-51-00	Barium	110.00	mg/kg
1054	A1054-51-00	Beryllium	0.36	mg/kg
1054	A1054-51-00	Cadmium	13.00	mg/kg
1054	A1054-51-00	Calcium	10000.00	mg/kg
1054	A1054-51-00	Chromium	9.60	mg/kg
1054	A1054-51-00	Cobalt	3.10	mg/kg
1054	A1054-51-00	Copper	330.00	mg/kg
1054	A1054-51-00	Iron	6500.00	mg/kg
1054	A1054-51-00	Lead	440.00	mg/kg
1054	A1054-51-00	Magnesium	2500.00	mg/kg
1054	A1054-51-00	Manganese	150.00	mg/kg
1054	A1054-51-00	Nickel	9.00	mg/kg
1054	A1054-51-00	Potassium	1100.00	mg/kg

Analytical Maximums and Summary of Sample Locations

LOCATION	SAMPLE ID	ANALYTE	RESULT	UNIT
1054	A1054-51-00	Selenium	1.10	mg/kg
1054	A1054-51-00	Silver	2.20	mg/kg
1054	A1054-51-00	Sodium	310.00	mg/kg
1054	A1054-51-00	Thallium	0.83	mg/kg
1054	A1054-51-00	Vanadium	19.00	mg/kg
1054	A1054-51-00	Zinc	340.00	mg/kg
1054	A1054-51-00	Mercury	0.12	mg/kg
1055	A1055-51-00	Arsenic	37.00	mg/kg
1055	A1055-51-00	Lead	310.00	mg/kg
1056	A1056F-51-00	Arsenic	31.00	mg/kg
1056	A1056F-51-00	Lead	610.00	mg/kg
1056	A1056F-51-06	Arsenic	23.00	mg/kg
1056	A1056F-51-06	Lead	290.00	mg/kg
1057	A1057B-51-00	Arsenic	32.00	mg/kg
1057	A1057B-51-00	Lead	140.00	mg/kg
1057	A1057B-51-06	Aluminum	5200.00	mg/kg
1057	A1057B-51-06	Antimony	3.60	mg/kg
1057	A1057B-51-06	Arsenic	37.00	mg/kg
1057	A1057B-51-06	Barium	86.00	mg/kg
1057	A1057B-51-06	Beryllium	0.48	mg/kg
1057	A1057B-51-06	Cadmium	11.00	mg/kg
1057	A1057B-51-06	Calcium	9800.00	mg/kg
1057	A1057B-51-06	Chromium	11.00	mg/kg
1057	A1057B-51-06	Cobalt	3.80	mg/kg
1057	A1057B-51-06	Copper	340.00	mg/kg
1057	A1057B-51-06	Iron	9200.00	mg/kg
1057	A1057B-51-06	Lead	430.00	mg/kg
1057	A1057B-51-06	Magnesium	2900.00	mg/kg
1057	A1057B-51-06	Manganese	200.00	mg/kg
1057	A1057B-51-06	Nickel	8.90	mg/kg
1057	A1057B-51-06	Potassium	1500.00	mg/kg
1057	A1057B-51-06	Selenium	1.60	mg/kg
1057	A1057B-51-06	Silver	2.00	mg/kg
1057	A1057B-51-06	Sodium	340.00	mg/kg
1057	A1057B-51-06	Thallium	0.85	mg/kg
1057	A1057B-51-06	Vanadium	14.00	mg/kg
1057	A1057B-51-06	Zinc	370.00	mg/kg
1057	A1057B-51-06	Mercury	0.32	mg/kg
1057	A1057B-51-12	Arsenic	22.00	mg/kg
1057	A1057B-51-12	Lead	14.00	mg/kg
1057	A1057F-51-00	Aluminum	4100.00	mg/kg
1057	A1057F-51-00	Antimony	1.30	mg/kg
1057	A1057F-51-00	Arsenic	17.00	mg/kg
1057	A1057F-51-00	Barium	85.00	mg/kg
1057	A1057F-51-00	Beryllium	0.34	mg/kg
1057	A1057F-51-00	Cadmium	3.40	mg/kg
1057	A1057F-51-00	Calcium	22000.00	mg/kg
1057	A1057F-51-00	Chromium	7.10	mg/kg
1057	A1057F-51-00	Cobalt	3.10	mg/kg
1057	A1057F-51-00	Copper	130.00	mg/kg
1057	A1057F-51-00	Iron	7800.00	mg/kg
1057	A1057F-51-00	Lead	160.00	mg/kg
1057	A1057F-51-00	Magnesium	3300.00	mg/kg
1057	A1057F-51-00	Manganese	210.00	mg/kg
1057	A1057F-51-00	Nickel	6.00	mg/kg
1057	A1057F-51-00	Potassium	1400.00	mg/kg
1057	A1057F-51-00	Selenium	0.65	mg/kg
1057	A1057F-51-00	Silver	0.61	mg/kg
1057	A1057F-51-00	Sodium	320.00	mg/kg

Analytical Maximums and Summary of Sample Locations

LOCATION	SAMPLE ID	ANALYTE	RESULT	UNIT
1057	A1057F-51-00	Thallium	1.00	mg/kg
1057	A1057F-51-00	Vanadium	13.00	mg/kg
1057	A1057F-51-00	Zinc	180.00	mg/kg
1057	A1057F-51-00	Mercury	0.28	mg/kg
1057	A1057F-51-06	Arsenic	21.00	mg/kg
1057	A1057F-51-06	Lead	240.00	mg/kg
1057	A1057F-51-12	Arsenic	26.00	mg/kg
1057	A1057F-51-12	Lead	110.00	mg/kg
1058	A1058F-51-00	Aluminum	6500.00	mg/kg
1058	A1058F-51-00	Antimony	3.90	mg/kg
1058	A1058F-51-00	Arsenic	19.00	mg/kg
1058	A1058F-51-00	Barium	100.00	mg/kg
1058	A1058F-51-00	Beryllium	0.67	mg/kg
1058	A1058F-51-00	Cadmium	11.00	mg/kg
1058	A1058F-51-00	Calcium	27000.00	mg/kg
1058	A1058F-51-00	Chromium	10.00	mg/kg
1058	A1058F-51-00	Cobalt	4.40	mg/kg
1058	A1058F-51-00	Copper	370.00	mg/kg
1058	A1058F-51-00	Iron	9700.00	mg/kg
1058	A1058F-51-00	Lead	390.00	mg/kg
1058	A1058F-51-00	Magnesium	6000.00	mg/kg
1058	A1058F-51-00	Manganese	240.00	mg/kg
1058	A1058F-51-00	Nickel	8.10	mg/kg
1058	A1058F-51-00	Potassium	1900.00	mg/kg
1058	A1058F-51-00	Selenium	1.20	mg/kg
1058	A1058F-51-00	Silver	2.40	mg/kg
1058	A1058F-51-00	Sodium	450.00	mg/kg
1058	A1058F-51-00	Thallium	1.10	mg/kg
1058	A1058F-51-00	Vanadium	16.00	mg/kg
1058	A1058F-51-00	Zinc	340.00	mg/kg
1058	A1058F-51-00	Mercury	0.24	mg/kg
1058	A1058F-51-06	Arsenic	32.00	mg/kg
1058	A1058F-51-06	Lead	470.00	mg/kg
1058	A1058F-51-12	Arsenic	22.00	mg/kg
1058	A1058F-51-12	Lead	53.00	mg/kg
1058	A1058R-51-00	Aluminum	5100.00	mg/kg
1058	A1058R-51-00	Antimony	3.10	mg/kg
1058	A1058R-51-00	Arsenic	20.00	mg/kg
1058	A1058R-51-00	Barium	83.00	mg/kg
1058	A1058R-51-00	Beryllium	0.62	mg/kg
1058	A1058R-51-00	Cadmium	8.90	mg/kg
1058	A1058R-51-00	Calcium	25000.00	mg/kg
1058	A1058R-51-00	Chromium	7.20	mg/kg
1058	A1058R-51-00	Cobalt	3.60	mg/kg
1058	A1058R-51-00	Copper	250.00	mg/kg
1058	A1058R-51-00	Iron	8500.00	mg/kg
1058	A1058R-51-00	Lead	330.00	mg/kg
1058	A1058R-51-00	Magnesium	4900.00	mg/kg
1058	A1058R-51-00	Manganese	200.00	mg/kg
1058	A1058R-51-00	Nickel	6.70	mg/kg
1058	A1058R-51-00	Potassium	1700.00	mg/kg
1058	A1058R-51-00	Selenium	1.00	mg/kg
1058	A1058R-51-00	Silver	1.30	mg/kg
1058	A1058R-51-00	Sodium	1600.00	mg/kg
1058	A1058R-51-00	Thallium	1.30	mg/kg
1058	A1058R-51-00	Vanadium	14.00	mg/kg
1058	A1058R-51-00	Zinc	250.00	mg/kg
1058	A1058R-51-00	Mercury	0.24	mg/kg
1058	A1058R-51-06	Arsenic	43.00	mg/kg

Analytical Maximums and Summary of Sample Locations

LOCATION	SAMPLE ID	ANALYTE	RESULT	UNIT
1058	A1058R-51-06	Lead	590.00	mg/kg
1058	A1058R-51-12	Arsenic	18.00	mg/kg
1058	A1058R-51-12	Lead	32.00	mg/kg
1059	A1059B-51-00	Arsenic	35.00	mg/kg
1059	A1059B-51-00	Lead	380.00	mg/kg
1059	A1059B-51-06	Arsenic	23.00	mg/kg
1059	A1059B-51-06	Lead	210.00	mg/kg
1059	A1059B-51-12	Arsenic	20.00	mg/kg
1059	A1059B-51-12	Lead	27.00	mg/kg
1059	A1059F-51-00	Arsenic	35.00	mg/kg
1059	A1059F-51-00	Lead	610.00	mg/kg
1059	A1059F-51-06	Arsenic	34.00	mg/kg
1059	A1059F-51-06	Lead	200.00	mg/kg
1059	A1059F-51-12	Arsenic	24.00	mg/kg
1059	A1059F-51-12	Lead	38.00	mg/kg
1059	A1059F-51-18	Arsenic	8.30	mg/kg
1059	A1059F-51-18	Lead	5.50	mg/kg
1060	A1060A-51-00	Arsenic	6.20	mg/kg
1060	A1060A-51-00	Lead	100.00	mg/kg
1061	A1061B-51-00	Aluminum	4200.00	mg/kg
1061	A1061B-51-00	Antimony	1.30	mg/kg
1061	A1061B-51-00	Arsenic	7.40	mg/kg
1061	A1061B-51-00	Barium	100.00	mg/kg
1061	A1061B-51-00	Beryllium	0.34	mg/kg
1061	A1061B-51-00	Cadmium	2.90	mg/kg
1061	A1061B-51-00	Calcium	27000.00	mg/kg
1061	A1061B-51-00	Chromium	7.10	mg/kg
1061	A1061B-51-00	Cobalt	2.90	mg/kg
1061	A1061B-51-00	Copper	92.00	mg/kg
1061	A1061B-51-00	Iron	7600.00	mg/kg
1061	A1061B-51-00	Lead	150.00	mg/kg
1061	A1061B-51-00	Magnesium	8100.00	mg/kg
1061	A1061B-51-00	Manganese	170.00	mg/kg
1061	A1061B-51-00	Nickel	6.20	mg/kg
1061	A1061B-51-00	Potassium	1700.00	mg/kg
1061	A1061B-51-00	Selenium	0.42	mg/kg
1061	A1061B-51-00	Silver	0.41	mg/kg
1061	A1061B-51-00	Sodium	260.00	mg/kg
1061	A1061B-51-00	Thallium	0.83	mg/kg
1061	A1061B-51-00	Vanadium	14.00	mg/kg
1061	A1061B-51-00	Zinc	230.00	mg/kg
1061	A1061B-51-00	Mercury	0.07	mg/kg
1061	A1061B-51-06	Arsenic	12.00	mg/kg
1061	A1061B-51-06	Lead	100.00	mg/kg
1061	A1061F-51-00	Aluminum	2800.00	mg/kg
1061	A1061F-51-00	Antimony	0.76	mg/kg
1061	A1061F-51-00	Arsenic	6.40	mg/kg
1061	A1061F-51-00	Barium	67.00	mg/kg
1061	A1061F-51-00	Beryllium	0.22	mg/kg
1061	A1061F-51-00	Cadmium	2.70	mg/kg
1061	A1061F-51-00	Calcium	22000.00	mg/kg
1061	A1061F-51-00	Chromium	4.80	mg/kg
1061	A1061F-51-00	Cobalt	2.20	mg/kg
1061	A1061F-51-00	Copper	110.00	mg/kg
1061	A1061F-51-00	Iron	4200.00	mg/kg
1061	A1061F-51-00	Lead	120.00	mg/kg
1061	A1061F-51-00	Magnesium	8500.00	mg/kg
1061	A1061F-51-00	Manganese	130.00	mg/kg
1061	A1061F-51-00	Nickel	4.10	mg/kg

Analytical Maximums and Summary of Sample Locations

LOCATION	SAMPLE ID	ANALYTE	RESULT	UNIT
1061	A1061F-51-00	Potassium	1300.00	mg/kg
1061	A1061F-51-00	Selenium	0.93	mg/kg
1061	A1061F-51-00	Silver	0.67	mg/kg
1061	A1061F-51-00	Sodium	150.00	mg/kg
1061	A1061F-51-00	Thallium	0.93	mg/kg
1061	A1061F-51-00	Vanadium	7.60	mg/kg
1061	A1061F-51-00	Zinc	140.00	mg/kg
1061	A1061F-51-00	Mercury	0.08	mg/kg
1061	A1061F-51-06	Arsenic	6.40	mg/kg
1061	A1061F-51-06	Lead	120.00	mg/kg
1061	A1061F-51-12	Arsenic	5.90	mg/kg
1061	A1061F-51-12	Lead	54.00	mg/kg
1061	A1061F-51-18	Arsenic	6.40	mg/kg
1061	A1061F-51-18	Lead	4.80	mg/kg
1061	A1061F-51-24	Arsenic	6.00	mg/kg
1061	A1061F-51-24	Lead	4.40	mg/kg
1062	A1062B-51-00	Arsenic	9.20	mg/kg
1062	A1062B-51-00	Lead	130.00	mg/kg
1062	A1062B-51-06	Aluminum	3400.00	mg/kg
1062	A1062B-51-06	Antimony	1.10	mg/kg
1062	A1062B-51-06	Arsenic	8.30	mg/kg
1062	A1062B-51-06	Barium	99.00	mg/kg
1062	A1062B-51-06	Beryllium	0.32	mg/kg
1062	A1062B-51-06	Cadmium	2.90	mg/kg
1062	A1062B-51-06	Calcium	47000.00	mg/kg
1062	A1062B-51-06	Chromium	5.30	mg/kg
1062	A1062B-51-06	Cobalt	2.90	mg/kg
1062	A1062B-51-06	Copper	92.00	mg/kg
1062	A1062B-51-06	Iron	6100.00	mg/kg
1062	A1062B-51-06	Lead	150.00	mg/kg
1062	A1062B-51-06	Magnesium	11000.00	mg/kg
1062	A1062B-51-06	Manganese	190.00	mg/kg
1062	A1062B-51-06	Nickel	15.00	mg/kg
1062	A1062B-51-06	Potassium	1300.00	mg/kg
1062	A1062B-51-06	Selenium	0.97	mg/kg
1062	A1062B-51-06	Silver	0.64	mg/kg
1062	A1062B-51-06	Sodium	150.00	mg/kg
1062	A1062B-51-06	Thallium	0.97	mg/kg
1062	A1062B-51-06	Vanadium	9.90	mg/kg
1062	A1062B-51-06	Zinc	160.00	mg/kg
1062	A1062B-51-06	Mercury	0.13	mg/kg
1062	A1062B-51-12	Arsenic	7.30	mg/kg
1062	A1062B-51-12	Lead	13.00	mg/kg
1062	A1062F-51-00	Arsenic	4.80	mg/kg
1062	A1062F-51-00	Lead	69.00	mg/kg
1062	A1062F-51-06	Aluminum	2900.00	mg/kg
1062	A1062F-51-06	Antimony	0.58	mg/kg
1062	A1062F-51-06	Arsenic	5.90	mg/kg
1062	A1062F-51-06	Barium	70.00	mg/kg
1062	A1062F-51-06	Beryllium	0.31	mg/kg
1062	A1062F-51-06	Cadmium	1.70	mg/kg
1062	A1062F-51-06	Calcium	34000.00	mg/kg
1062	A1062F-51-06	Chromium	3.80	mg/kg
1062	A1062F-51-06	Cobalt	2.60	mg/kg
1062	A1062F-51-06	Copper	67.00	mg/kg
1062	A1062F-51-06	Iron	4800.00	mg/kg
1062	A1062F-51-06	Lead	71.00	mg/kg
1062	A1062F-51-06	Magnesium	9400.00	mg/kg
1062	A1062F-51-06	Manganese	190.00	mg/kg

Analytical Maximums and Summary of Sample Locations

LOCATION	SAMPLE ID	ANALYTE	RESULT	UNIT
1062	A1062F-51-06	Nickel	4.80	mg/kg
1062	A1062F-51-06	Potassium	1200.00	mg/kg
1062	A1062F-51-06	Selenium	0.97	mg/kg
1062	A1062F-51-06	Silver	0.30	mg/kg
1062	A1062F-51-06	Sodium	140.00	mg/kg
1062	A1062F-51-06	Thallium	0.97	mg/kg
1062	A1062F-51-06	Vanadium	9.90	mg/kg
1062	A1062F-51-06	Zinc	76.00	mg/kg
1062	A1062F-51-06	Mercury	0.05	mg/kg
1062	A1062F-51-12	Arsenic	9.30	mg/kg
1062	A1062F-51-12	Lead	50.00	mg/kg
1063	A1063F-51-00	Arsenic	9.60	mg/kg
1063	A1063F-51-00	Lead	190.00	mg/kg
1063	A1063F-51-06	Arsenic	10.00	mg/kg
1063	A1063F-51-06	Lead	140.00	mg/kg
1063	A1063F-51-12	Arsenic	6.10	mg/kg
1063	A1063F-51-12	Lead	46.00	mg/kg
1063	A1063F-51-18	Arsenic	5.70	mg/kg
1063	A1063F-51-18	Lead	26.00	mg/kg
1063	A1063F-51-24	Arsenic	5.40	mg/kg
1063	A1063F-51-24	Lead	4.80	mg/kg
1063	A1063R-51-00	Arsenic	9.80	mg/kg
1063	A1063R-51-00	Lead	150.00	mg/kg
1063	A1063R-51-06	Arsenic	6.40	mg/kg
1063	A1063R-51-06	Lead	72.00	mg/kg
1063	A1063R-51-12	Arsenic	5.70	mg/kg
1063	A1063R-51-12	Lead	29.00	mg/kg
1063	A1063R-51-18	Arsenic	5.60	mg/kg
1063	A1063R-51-18	Lead	23.00	mg/kg
1063	A1063R-51-24	Arsenic	11.00	mg/kg
1063	A1063R-51-24	Lead	18.00	mg/kg
1064	A1064B-51-00	Arsenic	12.00	mg/kg
1064	A1064B-51-00	Lead	230.00	mg/kg
1064	A1064B-51-06	Arsenic	7.00	mg/kg
1064	A1064B-51-06	Lead	45.00	mg/kg
1064	A1064B-51-12	Arsenic	7.50	mg/kg
1064	A1064B-51-12	Lead	13.00	mg/kg
1064	A1064F-51-00	Arsenic	8.80	mg/kg
1064	A1064F-51-00	Lead	190.00	mg/kg
1064	A1064F-51-06	Arsenic	9.90	mg/kg
1064	A1064F-51-06	Lead	100.00	mg/kg
1064	A1064F-51-12	Arsenic	5.30	mg/kg
1064	A1064F-51-12	Lead	36.00	mg/kg
1064	A1064F-51-18	Arsenic	3.00	mg/kg
1064	A1064F-51-18	Lead	10.00	mg/kg
1064	A1064F-51-24	Arsenic	2.60	mg/kg
1064	A1064F-51-24	Lead	4.30	mg/kg
1065	A1065A-51-00	Arsenic	11.00	mg/kg
1065	A1065A-51-00	Lead	82.00	mg/kg
1065	A1065A-51-06	Arsenic	25.00	mg/kg
1065	A1065A-51-06	Lead	71.00	mg/kg
1065	A1065B-51-00	Arsenic	12.00	mg/kg
1065	A1065B-51-00	Lead	100.00	mg/kg
1066	A1066-51-00	Aluminum	4900.00	mg/kg
1066	A1066-51-00	Antimony	2.10	mg/kg
1066	A1066-51-00	Arsenic	6.60	mg/kg
1066	A1066-51-00	Barium	150.00	mg/kg
1066	A1066-51-00	Beryllium	0.25	mg/kg
1066	A1066-51-00	Cadmium	1.30	mg/kg

Analytical Maximums and Summary of Sample Locations

LOCATION	SAMPLE ID	ANALYTE	RESULT	UNIT
1066	A1066-51-00	Calcium	57000.00	mg/kg
1066	A1066-51-00	Chromium	5.70	mg/kg
1066	A1066-51-00	Cobalt	3.30	mg/kg
1066	A1066-51-00	Copper	75.00	mg/kg
1066	A1066-51-00	Iron	8000.00	mg/kg
1066	A1066-51-00	Lead	40.00	mg/kg
1066	A1066-51-00	Magnesium	14000.00	mg/kg
1066	A1066-51-00	Manganese	220.00	mg/kg
1066	A1066-51-00	Nickel	5.10	mg/kg
1066	A1066-51-00	Potassium	1800.00	mg/kg
1066	A1066-51-00	Selenium	0.81	mg/kg
1066	A1066-51-00	Silver	0.23	mg/kg
1066	A1066-51-00	Sodium	250.00	mg/kg
1066	A1066-51-00	Thallium	1.10	mg/kg
1066	A1066-51-00	Vanadium	20.00	mg/kg
1066	A1066-51-00	Zinc	58.00	mg/kg
1066	A1066-51-00	Mercury	0.01	mg/kg
1067	A1067A-51-00	Arsenic	27.00	mg/kg
1067	A1067A-51-00	Lead	140.00	mg/kg
1067	A1067B-51-00	Arsenic	23.00	mg/kg
1067	A1067B-51-00	Lead	190.00	mg/kg
1068	A1068B-51-00	Arsenic	16.00	mg/kg
1068	A1068B-51-00	Lead	330.00	mg/kg
1068	A1068B-51-06	Arsenic	15.00	mg/kg
1068	A1068B-51-06	Lead	140.00	mg/kg
1068	A1068B-51-12	Arsenic	11.00	mg/kg
1068	A1068B-51-12	Lead	19.00	mg/kg
1068	A1068F-51-00	Arsenic	23.00	mg/kg
1068	A1068F-51-00	Lead	580.00	mg/kg
1068	A1068F-51-06	Arsenic	13.00	mg/kg
1068	A1068F-51-06	Lead	210.00	mg/kg
1068	A1068F-51-12	Arsenic	9.30	mg/kg
1068	A1068F-51-12	Lead	19.00	mg/kg
1068	A1068F-51-18	Arsenic	7.30	mg/kg
1068	A1068F-51-18	Lead	2.70	mg/kg
1068	A1068F-51-24	Arsenic	6.50	mg/kg
1068	A1068F-51-24	Lead	2.80	mg/kg
1069	A1069B-51-00	Arsenic	21.00	mg/kg
1069	A1069B-51-00	Lead	300.00	mg/kg
1069	A1069B-51-06	Arsenic	21.00	mg/kg
1069	A1069B-51-06	Lead	170.00	mg/kg
1069	A1069B-51-12	Arsenic	14.00	mg/kg
1069	A1069B-51-12	Lead	19.00	mg/kg
1069	A1069F-51-00	Arsenic	15.00	mg/kg
1069	A1069F-51-00	Lead	260.00	mg/kg
1069	A1069F-51-06	Arsenic	11.00	mg/kg
1069	A1069F-51-06	Lead	150.00	mg/kg
1069	A1069F-51-12	Arsenic	6.20	mg/kg
1069	A1069F-51-12	Lead	13.00	mg/kg
1069	A1069F-51-18	Arsenic	12.00	mg/kg
1069	A1069F-51-18	Lead	18.00	mg/kg
1069	A1069F-51-24	Arsenic	9.60	mg/kg
1069	A1069F-51-24	Lead	31.00	mg/kg
1070	A1070F-51-00	Arsenic	26.00	mg/kg
1070	A1070F-51-00	Lead	680.00	mg/kg
1070	A1070F-51-06	Arsenic	16.00	mg/kg
1070	A1070F-51-06	Lead	250.00	mg/kg
1070	A1070F-51-12	Arsenic	21.00	mg/kg
1070	A1070F-51-12	Lead	18.00	mg/kg

Analytical Maximums and Summary of Sample Locations

LOCATION	SAMPLE ID	ANALYTE	RESULT	UNIT
1071	A1071-51-00	Arsenic	21.00	mg/kg
1071	A1071-51-00	Lead	190.00	mg/kg
1072	A1072-51-00	Arsenic	79.00	mg/kg
1072	A1072-51-00	Lead	640.00	mg/kg
1073	A1073A-51-00	Arsenic	240.00	mg/kg
1073	A1073A-51-00	Lead	2100.00	mg/kg
1074	A1074A-51-00	Arsenic	270.00	mg/kg
1074	A1074A-51-00	Lead	1700.00	mg/kg
1075	A1075B-51-00	Arsenic	14.00	mg/kg
1075	A1075B-51-00	Lead	190.00	mg/kg
1075	A1075B-51-06	Arsenic	22.00	mg/kg
1075	A1075B-51-06	Lead	330.00	mg/kg
1075	A1075B-51-12	Arsenic	13.00	mg/kg
1075	A1075B-51-12	Lead	59.00	mg/kg
1075	A1075F-51-00	Arsenic	35.00	mg/kg
1075	A1075F-51-00	Lead	770.00	mg/kg
1075	A1075F-51-06	Arsenic	23.00	mg/kg
1075	A1075F-51-06	Lead	480.00	mg/kg
1075	A1075F-51-12	Arsenic	8.60	mg/kg
1075	A1075F-51-12	Lead	63.00	mg/kg
1076	A1076B-51-00	Arsenic	8.40	mg/kg
1076	A1076B-51-00	Lead	120.00	mg/kg
1076	A1076B-51-06	Arsenic	3.40	mg/kg
1076	A1076B-51-06	Lead	29.00	mg/kg
1076	A1076B-51-12	Arsenic	3.60	mg/kg
1076	A1076B-51-12	Lead	15.00	mg/kg
1076	A1076F-51-00	Arsenic	26.00	mg/kg
1076	A1076F-51-00	Lead	350.00	mg/kg
1076	A1076F-51-06	Arsenic	13.00	mg/kg
1076	A1076F-51-06	Lead	180.00	mg/kg
1076	A1076F-51-12	Arsenic	19.00	mg/kg
1076	A1076F-51-12	Lead	180.00	mg/kg
1076	A1076F-51-18	Arsenic	12.00	mg/kg
1076	A1076F-51-18	Lead	9.60	mg/kg
1076	A1076F-51-24	Arsenic	9.50	mg/kg
1076	A1076F-51-24	Lead	3.00	mg/kg
1077	A1077B-51-00	Arsenic	20.00	mg/kg
1077	A1077B-51-00	Lead	360.00	mg/kg
1077	A1077B-51-06	Arsenic	18.00	mg/kg
1077	A1077B-51-06	Lead	470.00	mg/kg
1077	A1077B-51-12	Arsenic	15.00	mg/kg
1077	A1077B-51-12	Lead	140.00	mg/kg
1077	A1077F-51-00	Arsenic	33.00	mg/kg
1077	A1077F-51-00	Lead	580.00	mg/kg
1077	A1077F-51-06	Arsenic	25.00	mg/kg
1077	A1077F-51-06	Lead	290.00	mg/kg
1077	A1077F-51-12	Arsenic	15.00	mg/kg
1077	A1077F-51-12	Lead	45.00	mg/kg
1077	A1077F-51-18	Arsenic	16.00	mg/kg
1077	A1077F-51-18	Lead	5.00	mg/kg
1078	A1078B-51-00	Arsenic	9.10	mg/kg
1078	A1078B-51-00	Lead	95.00	mg/kg
1078	A1078B-51-06	Arsenic	24.00	mg/kg
1078	A1078B-51-06	Lead	370.00	mg/kg
1078	A1078B-51-12	Arsenic	11.00	mg/kg
1078	A1078B-51-12	Lead	100.00	mg/kg
1078	A1078F-51-00	Arsenic	11.00	mg/kg
1078	A1078F-51-00	Lead	170.00	mg/kg
1078	A1078F-51-06	Arsenic	13.00	mg/kg

Analytical Maximums and Summary of Sample Locations

LOCATION	SAMPLE ID	ANALYTE	RESULT	UNIT
1078	A1078F-51-06	Lead	240.00	mg/kg
1078	A1078F-51-12	Arsenic	9.70	mg/kg
1078	A1078F-51-12	Lead	230.00	mg/kg
1079	A1079B-51-00	Arsenic	13.00	mg/kg
1079	A1079B-51-00	Lead	310.00	mg/kg
1079	A1079B-51-06	Arsenic	15.00	mg/kg
1079	A1079B-51-06	Lead	180.00	mg/kg
1079	A1079B-51-12	Arsenic	29.00	mg/kg
1079	A1079B-51-12	Lead	5.40	mg/kg
1079	A1079F-51-00	Arsenic	13.00	mg/kg
1079	A1079F-51-00	Lead	340.00	mg/kg
1079	A1079F-51-06	Arsenic	14.00	mg/kg
1079	A1079F-51-06	Lead	370.00	mg/kg
1079	A1079F-51-12	Arsenic	16.00	mg/kg
1079	A1079F-51-12	Lead	170.00	mg/kg
1079	A1079F-51-18	Arsenic	8.60	mg/kg
1079	A1079F-51-18	Lead	30.00	mg/kg
1079	A1079F-51-24	Arsenic	10.00	mg/kg
1079	A1079F-51-24	Lead	1.70	mg/kg
1080	A1080F-51-00	Arsenic	3.20	mg/kg
1080	A1080F-51-00	Lead	19.00	mg/kg
1080	A1080F-51-06	Arsenic	5.40	mg/kg
1080	A1080F-51-06	Lead	36.00	mg/kg
1080	A1080F-51-12	Arsenic	8.20	mg/kg
1080	A1080F-51-12	Lead	16.00	mg/kg
1081	A1081B-51-00	Arsenic	8.70	mg/kg
1081	A1081B-51-00	Lead	190.00	mg/kg
1081	A1081B-51-06	Arsenic	9.10	mg/kg
1081	A1081B-51-06	Lead	110.00	mg/kg
1081	A1081B-51-12	Arsenic	10.00	mg/kg
1081	A1081B-51-12	Lead	7.10	mg/kg
1081	A1081F-51-00	Arsenic	11.00	mg/kg
1081	A1081F-51-00	Lead	230.00	mg/kg
1081	A1081F-51-06	Arsenic	10.00	mg/kg
1081	A1081F-51-06	Lead	93.00	mg/kg
1081	A1081F-51-12	Arsenic	12.00	mg/kg
1081	A1081F-51-12	Lead	23.00	mg/kg
1081	A1081F-51-18	Arsenic	3.40	mg/kg
1081	A1081F-51-18	Lead	8.00	mg/kg
1081	A1081F-51-24	Arsenic	4.60	mg/kg
1081	A1081F-51-24	Lead	13.00	mg/kg
1082	A1082B-51-00	Aluminum	4100.00	mg/kg
1082	A1082B-51-00	Antimony	0.90	mg/kg
1082	A1082B-51-00	Arsenic	5.20	mg/kg
1082	A1082B-51-00	Barium	62.00	mg/kg
1082	A1082B-51-00	Beryllium	0.32	mg/kg
1082	A1082B-51-00	Cadmium	1.10	mg/kg
1082	A1082B-51-00	Calcium	26000.00	mg/kg
1082	A1082B-51-00	Chromium	9.10	mg/kg
1082	A1082B-51-00	Cobalt	2.60	mg/kg
1082	A1082B-51-00	Copper	64.00	mg/kg
1082	A1082B-51-00	Iron	6400.00	mg/kg
1082	A1082B-51-00	Lead	45.00	mg/kg
1082	A1082B-51-00	Magnesium	5700.00	mg/kg
1082	A1082B-51-00	Manganese	150.00	mg/kg
1082	A1082B-51-00	Nickel	6.00	mg/kg
1082	A1082B-51-00	Potassium	1400.00	mg/kg
1082	A1082B-51-00	Selenium	0.93	mg/kg
1082	A1082B-51-00	Silver	1.00	mg/kg

Analytical Maximums and Summary of Sample Locations

LOCATION	SAMPLE ID	ANALYTE	RESULT	UNIT
1082	A1082B-51-00	Sodium	440.00	mg/kg
1082	A1082B-51-00	Thallium	0.55	mg/kg
1082	A1082B-51-00	Vanadium	12.00	mg/kg
1082	A1082B-51-00	Zinc	98.00	mg/kg
1082	A1082B-51-00	Mercury	0.13	mg/kg
1082	A1082B-51-06	Arsenic	5.70	mg/kg
1082	A1082B-51-06	Lead	51.00	mg/kg
1082	A1082F-51-00	Aluminum	3600.00	mg/kg
1082	A1082F-51-00	Antimony	0.92	mg/kg
1082	A1082F-51-00	Arsenic	5.80	mg/kg
1082	A1082F-51-00	Barium	55.00	mg/kg
1082	A1082F-51-00	Beryllium	0.28	mg/kg
1082	A1082F-51-00	Cadmium	1.30	mg/kg
1082	A1082F-51-00	Calcium	14000.00	mg/kg
1082	A1082F-51-00	Chromium	9.40	mg/kg
1082	A1082F-51-00	Cobalt	2.40	mg/kg
1082	A1082F-51-00	Copper	72.00	mg/kg
1082	A1082F-51-00	Iron	5900.00	mg/kg
1082	A1082F-51-00	Lead	57.00	mg/kg
1082	A1082F-51-00	Magnesium	2900.00	mg/kg
1082	A1082F-51-00	Manganese	130.00	mg/kg
1082	A1082F-51-00	Nickel	5.70	mg/kg
1082	A1082F-51-00	Potassium	1200.00	mg/kg
1082	A1082F-51-00	Selenium	0.47	mg/kg
1082	A1082F-51-00	Silver	1.40	mg/kg
1082	A1082F-51-00	Sodium	280.00	mg/kg
1082	A1082F-51-00	Thallium	0.93	mg/kg
1082	A1082F-51-00	Vanadium	11.00	mg/kg
1082	A1082F-51-00	Zinc	100.00	mg/kg
1082	A1082F-51-00	Mercury	0.18	mg/kg
1082	A1082F-51-06	Arsenic	4.10	mg/kg
1082	A1082F-51-06	Lead	32.00	mg/kg
1083	A1083B-51-00	Arsenic	9.10	mg/kg
1083	A1083B-51-00	Lead	120.00	mg/kg
1083	A1083B-51-06	Aluminum	4500.00	mg/kg
1083	A1083B-51-06	Antimony	1.40	mg/kg
1083	A1083B-51-06	Arsenic	9.70	mg/kg
1083	A1083B-51-06	Barium	82.00	mg/kg
1083	A1083B-51-06	Beryllium	0.41	mg/kg
1083	A1083B-51-06	Cadmium	3.00	mg/kg
1083	A1083B-51-06	Calcium	47000.00	mg/kg
1083	A1083B-51-06	Chromium	9.20	mg/kg
1083	A1083B-51-06	Cobalt	3.20	mg/kg
1083	A1083B-51-06	Copper	91.00	mg/kg
1083	A1083B-51-06	Iron	7400.00	mg/kg
1083	A1083B-51-06	Lead	110.00	mg/kg
1083	A1083B-51-06	Magnesium	14000.00	mg/kg
1083	A1083B-51-06	Manganese	180.00	mg/kg
1083	A1083B-51-06	Nickel	7.00	mg/kg
1083	A1083B-51-06	Potassium	1500.00	mg/kg
1083	A1083B-51-06	Selenium	1.10	mg/kg
1083	A1083B-51-06	Silver	0.47	mg/kg
1083	A1083B-51-06	Sodium	260.00	mg/kg
1083	A1083B-51-06	Thallium	1.10	mg/kg
1083	A1083B-51-06	Vanadium	13.00	mg/kg
1083	A1083B-51-06	Zinc	150.00	mg/kg
1083	A1083B-51-06	Mercury	0.11	mg/kg
1083	A1083B-51-12	Arsenic	10.00	mg/kg
1083	A1083B-51-12	Lead	120.00	mg/kg

Analytical Maximums and Summary of Sample Locations

LOCATION	SAMPLE ID	ANALYTE	RESULT	UNIT
1083	A1083F-51-00	Arsenic	6.40	mg/kg
1083	A1083F-51-00	Lead	79.00	mg/kg
1083	A1083F-51-06	Aluminum	4400.00	mg/kg
1083	A1083F-51-06	Antimony	0.77	mg/kg
1083	A1083F-51-06	Arsenic	5.10	mg/kg
1083	A1083F-51-06	Barium	110.00	mg/kg
1083	A1083F-51-06	Beryllium	0.28	mg/kg
1083	A1083F-51-06	Cadmium	1.30	mg/kg
1083	A1083F-51-06	Calcium	18000.00	mg/kg
1083	A1083F-51-06	Chromium	6.50	mg/kg
1083	A1083F-51-06	Cobalt	3.80	mg/kg
1083	A1083F-51-06	Copper	38.00	mg/kg
1083	A1083F-51-06	Iron	6600.00	mg/kg
1083	A1083F-51-06	Lead	46.00	mg/kg
1083	A1083F-51-06	Magnesium	3500.00	mg/kg
1083	A1083F-51-06	Manganese	170.00	mg/kg
1083	A1083F-51-06	Nickel	8.00	mg/kg
1083	A1083F-51-06	Potassium	1300.00	mg/kg
1083	A1083F-51-06	Selenium	1.10	mg/kg
1083	A1083F-51-06	Silver	0.81	mg/kg
1083	A1083F-51-06	Sodium	690.00	mg/kg
1083	A1083F-51-06	Thallium	1.10	mg/kg
1083	A1083F-51-06	Vanadium	12.00	mg/kg
1083	A1083F-51-06	Zinc	360.00	mg/kg
1083	A1083F-51-06	Mercury	0.06	mg/kg
1083	A1083F-51-12	Arsenic	5.40	mg/kg
1083	A1083F-51-12	Lead	8.80	mg/kg
1084	A1084F-51-00	Arsenic	26.00	mg/kg
1084	A1084F-51-00	Lead	530.00	mg/kg
1084	A1084F-51-06	Arsenic	14.00	mg/kg
1084	A1084F-51-06	Lead	240.00	mg/kg
1084	A1084F-51-12	Arsenic	12.00	mg/kg
1084	A1084F-51-12	Lead	22.00	mg/kg
1085	A1085B-51-00	Arsenic	43.00	mg/kg
1085	A1085B-51-00	Lead	1000.00	mg/kg
1085	A1085B-51-06	Arsenic	17.00	mg/kg
1085	A1085B-51-06	Lead	220.00	mg/kg
1085	A1085B-51-12	Arsenic	19.00	mg/kg
1085	A1085B-51-12	Lead	4.80	mg/kg
1085	A1085F-51-00	Aluminum	4900.00	mg/kg
1085	A1085F-51-00	Antimony	4.90	mg/kg
1085	A1085F-51-00	Arsenic	35.00	mg/kg
1085	A1085F-51-00	Barium	160.00	mg/kg
1085	A1085F-51-00	Beryllium	0.38	mg/kg
1085	A1085F-51-00	Cadmium	23.00	mg/kg
1085	A1085F-51-00	Calcium	23000.00	mg/kg
1085	A1085F-51-00	Chromium	9.20	mg/kg
1085	A1085F-51-00	Cobalt	5.40	mg/kg
1085	A1085F-51-00	Copper	700.00	mg/kg
1085	A1085F-51-00	Iron	7800.00	mg/kg
1085	A1085F-51-00	Lead	820.00	mg/kg
1085	A1085F-51-00	Magnesium	5200.00	mg/kg
1085	A1085F-51-00	Manganese	290.00	mg/kg
1085	A1085F-51-00	Nickel	8.40	mg/kg
1085	A1085F-51-00	Potassium	1700.00	mg/kg
1085	A1085F-51-00	Selenium	1.70	mg/kg
1085	A1085F-51-00	Silver	4.00	mg/kg
1085	A1085F-51-00	Sodium	550.00	mg/kg
1085	A1085F-51-00	Thallium	1.10	mg/kg

Analytical Maximums and Summary of Sample Locations

LOCATION	SAMPLE ID	ANALYTE	RESULT	UNIT
1085	A1085F-51-00	Vanadium	12.00	mg/kg
1085	A1085F-51-00	Zinc	690.00	mg/kg
1085	A1085F-51-00	Mercury	0.61	mg/kg
1085	A1085F-51-06	Arsenic	17.00	mg/kg
1085	A1085F-51-06	Lead	370.00	mg/kg
1085	A1085F-51-12	Arsenic	18.00	mg/kg
1085	A1085F-51-12	Lead	25.00	mg/kg
1086	A1086F-51-00	Arsenic	59.00	mg/kg
1086	A1086F-51-00	Lead	1100.00	mg/kg
1086	A1086F-51-06	Arsenic	25.00	mg/kg
1086	A1086F-51-06	Lead	420.00	mg/kg
1086	A1086F-51-12	Arsenic	24.00	mg/kg
1086	A1086F-51-12	Lead	72.00	mg/kg
1086	A1086F-51-18	Arsenic	22.00	mg/kg
1086	A1086F-51-18	Lead	39.00	mg/kg
1087	A1087B-51-00	Arsenic	68.00	mg/kg
1087	A1087B-51-00	Lead	940.00	mg/kg
1087	A1087B-51-06	Arsenic	27.00	mg/kg
1087	A1087B-51-06	Lead	520.00	mg/kg
1087	A1087F-51-00	Arsenic	59.00	mg/kg
1087	A1087F-51-00	Lead	380.00	mg/kg
1087	A1087F-51-06	Arsenic	25.00	mg/kg
1087	A1087F-51-06	Lead	73.00	mg/kg
1087	A1087F-51-12	Arsenic	6.60	mg/kg
1087	A1087F-51-12	Lead	16.00	mg/kg
1087	A1087F-51-18	Arsenic	6.60	mg/kg
1087	A1087F-51-18	Lead	17.00	mg/kg
1087	A1087F-51-24	Arsenic	3.70	mg/kg
1087	A1087F-51-24	Lead	7.10	mg/kg
1088	A1088A-51-00	Arsenic	150.00	mg/kg
1088	A1088A-51-00	Lead	1200.00	mg/kg
1089	A1089A-51-00	Arsenic	280.00	mg/kg
1089	A1089A-51-00	Lead	2300.00	mg/kg
1090	A1090-51-00	Arsenic	190.00	mg/kg
1090	A1090-51-00	Lead	1600.00	mg/kg
1091	A1091-51-00	Arsenic	160.00	mg/kg
1091	A1091-51-00	Lead	1500.00	mg/kg
1092	A1092B-51-00	Arsenic	2.80	mg/kg
1092	A1092B-51-00	Lead	14.00	mg/kg
1092	A1092B-51-06	Arsenic	2.80	mg/kg
1092	A1092B-51-06	Lead	13.00	mg/kg
1092	A1092F-51-00	Arsenic	3.00	mg/kg
1092	A1092F-51-00	Lead	12.00	mg/kg
1092	A1092F-51-06	Arsenic	3.10	mg/kg
1092	A1092F-51-06	Lead	9.20	mg/kg
1092	A1092F-51-12	Arsenic	4.40	mg/kg
1092	A1092F-51-12	Lead	7.70	mg/kg
1093	A1093F-51-00	Arsenic	11.00	mg/kg
1093	A1093F-51-00	Lead	200.00	mg/kg
1093	A1093F-51-06	Arsenic	11.00	mg/kg
1093	A1093F-51-06	Lead	200.00	mg/kg
1093	A1093F-51-12	Arsenic	9.60	mg/kg
1093	A1093F-51-12	Lead	43.00	mg/kg
1094	A1094B-51-00	Arsenic	21.00	mg/kg
1094	A1094B-51-00	Lead	430.00	mg/kg
1094	A1094B-51-06	Arsenic	21.00	mg/kg
1094	A1094B-51-06	Lead	380.00	mg/kg
1094	A1094B-51-12	Arsenic	21.00	mg/kg
1094	A1094B-51-12	Lead	44.00	mg/kg

Analytical Maximums and Summary of Sample Locations

LOCATION	SAMPLE ID	ANALYTE	RESULT	UNIT
1094	A1094F-51-00	Arsenic	35.00	mg/kg
1094	A1094F-51-00	Lead	690.00	mg/kg
1094	A1094F-51-06	Arsenic	25.00	mg/kg
1094	A1094F-51-06	Lead	380.00	mg/kg
1094	A1094F-51-12	Arsenic	12.00	mg/kg
1094	A1094F-51-12	Lead	18.00	mg/kg
1095	A1095B-51-00	Arsenic	29.00	mg/kg
1095	A1095B-51-00	Lead	650.00	mg/kg
1095	A1095B-51-06	Arsenic	17.00	mg/kg
1095	A1095B-51-06	Lead	370.00	mg/kg
1095	A1095B-51-12	Arsenic	7.00	mg/kg
1095	A1095B-51-12	Lead	10.00	mg/kg
1095	A1095F-51-00	Arsenic	26.00	mg/kg
1095	A1095F-51-00	Lead	540.00	mg/kg
1095	A1095F-51-06	Arsenic	16.00	mg/kg
1095	A1095F-51-06	Lead	300.00	mg/kg
1095	A1095F-51-12	Arsenic	8.70	mg/kg
1095	A1095F-51-12	Lead	19.00	mg/kg
1096	A1096B-51-00	Arsenic	5.40	mg/kg
1096	A1096B-51-00	Lead	66.00	mg/kg
1096	A1096B-51-06	Arsenic	6.20	mg/kg
1096	A1096B-51-06	Lead	69.00	mg/kg
1096	A1096F-51-00	Arsenic	14.00	mg/kg
1096	A1096F-51-00	Lead	250.00	mg/kg
1096	A1096F-51-06	Arsenic	13.00	mg/kg
1096	A1096F-51-06	Lead	210.00	mg/kg
1096	A1096F-51-12	Arsenic	12.00	mg/kg
1096	A1096F-51-12	Lead	150.00	mg/kg
1096	A1096F-51-18	Arsenic	14.00	mg/kg
1096	A1096F-51-18	Lead	200.00	mg/kg
1097	A1097B-51-00	Arsenic	31.00	mg/kg
1097	A1097B-51-00	Lead	300.00	mg/kg
1097	A1097B-51-06	Arsenic	20.00	mg/kg
1097	A1097B-51-06	Lead	160.00	mg/kg
1097	A1097B-51-12	Arsenic	12.00	mg/kg
1097	A1097B-51-12	Lead	39.00	mg/kg
1097	A1097F-51-00	Arsenic	41.00	mg/kg
1097	A1097F-51-00	Lead	380.00	mg/kg
1097	A1097F-51-06	Arsenic	17.00	mg/kg
1097	A1097F-51-06	Lead	48.00	mg/kg
1097	A1097F-51-12	Arsenic	27.00	mg/kg
1097	A1097F-51-12	Lead	210.00	mg/kg
1097	A1097F-51-18	Arsenic	17.00	mg/kg
1097	A1097F-51-18	Lead	73.00	mg/kg
1097	A1097F-51-24	Arsenic	5.70	mg/kg
1097	A1097F-51-24	Lead	26.00	mg/kg
1098	A1098B-51-00	Arsenic	34.00	mg/kg
1098	A1098B-51-00	Lead	460.00	mg/kg
1098	A1098B-51-06	Arsenic	14.00	mg/kg
1098	A1098B-51-06	Lead	140.00	mg/kg
1098	A1098B-51-12	Arsenic	19.00	mg/kg
1098	A1098B-51-12	Lead	20.00	mg/kg
1098	A1098F-51-00	Arsenic	26.00	mg/kg
1098	A1098F-51-00	Lead	360.00	mg/kg
1098	A1098F-51-06	Arsenic	12.00	mg/kg
1098	A1098F-51-06	Lead	62.00	mg/kg
1098	A1098F-51-12	Arsenic	10.00	mg/kg
1098	A1098F-51-12	Lead	19.00	mg/kg
1098	A1098F-51-18	Arsenic	19.00	mg/kg

Analytical Maximums and Summary of Sample Locations

LOCATION	SAMPLE ID	ANALYTE	RESULT	UNIT
1098	A1098F-51-18	Lead	41.00	mg/kg
1098	A1098F-51-24	Arsenic	13.00	mg/kg
1098	A1098F-51-24	Lead	52.00	mg/kg
1099	A1099A-51-00	Arsenic	100.00	mg/kg
1099	A1099A-51-00	Lead	800.00	mg/kg
1100	A1100A-51-00	Arsenic	110.00	mg/kg
1100	A1100A-51-00	Lead	850.00	mg/kg
1101	A1101-51-00	Aluminum	4900.00	mg/kg
1101	A1101-51-00	Antimony	23.00	mg/kg
1101	A1101-51-00	Arsenic	220.00	mg/kg
1101	A1101-51-00	Barium	120.00	mg/kg
1101	A1101-51-00	Beryllium	0.25	mg/kg
1101	A1101-51-00	Cadmium	60.00	mg/kg
1101	A1101-51-00	Calcium	18000.00	mg/kg
1101	A1101-51-00	Chromium	11.00	mg/kg
1101	A1101-51-00	Cobalt	11.00	mg/kg
1101	A1101-51-00	Copper	3900.00	mg/kg
1101	A1101-51-00	Iron	17000.00	mg/kg
1101	A1101-51-00	Lead	1500.00	mg/kg
1101	A1101-51-00	Magnesium	6000.00	mg/kg
1101	A1101-51-00	Manganese	290.00	mg/kg
1101	A1101-51-00	Nickel	15.00	mg/kg
1101	A1101-51-00	Potassium	1400.00	mg/kg
1101	A1101-51-00	Selenium	7.10	mg/kg
1101	A1101-51-00	Silver	15.00	mg/kg
1101	A1101-51-00	Sodium	270.00	mg/kg
1101	A1101-51-00	Thallium	3.40	mg/kg
1101	A1101-51-00	Vanadium	19.00	mg/kg
1101	A1101-51-00	Zinc	1800.00	mg/kg
1101	A1101-51-00	Mercury	1.40	mg/kg
1102	A1102-51-00	Arsenic	120.00	mg/kg
1102	A1102-51-00	Lead	1200.00	mg/kg
1103	A1103-51-00	Aluminum	9600.00	mg/kg
1103	A1103-51-00	Antimony	9.30	mg/kg
1103	A1103-51-00	Arsenic	110.00	mg/kg
1103	A1103-51-00	Barium	130.00	mg/kg
1103	A1103-51-00	Beryllium	0.35	mg/kg
1103	A1103-51-00	Cadmium	31.00	mg/kg
1103	A1103-51-00	Calcium	18000.00	mg/kg
1103	A1103-51-00	Chromium	8.30	mg/kg
1103	A1103-51-00	Cobalt	10.00	mg/kg
1103	A1103-51-00	Copper	1400.00	mg/kg
1103	A1103-51-00	Iron	19000.00	mg/kg
1103	A1103-51-00	Lead	920.00	mg/kg
1103	A1103-51-00	Magnesium	5800.00	mg/kg
1103	A1103-51-00	Manganese	340.00	mg/kg
1103	A1103-51-00	Nickel	9.90	mg/kg
1103	A1103-51-00	Potassium	1600.00	mg/kg
1103	A1103-51-00	Selenium	2.50	mg/kg
1103	A1103-51-00	Silver	5.60	mg/kg
1103	A1103-51-00	Sodium	200.00	mg/kg
1103	A1103-51-00	Thallium	1.50	mg/kg
1103	A1103-51-00	Vanadium	26.00	mg/kg
1103	A1103-51-00	Zinc	950.00	mg/kg
1103	A1103-51-00	Mercury	0.71	mg/kg
1103	A1103-52-00	Aluminum	10000.00	mg/kg
1103	A1103-52-00	Antimony	11.00	mg/kg
1103	A1103-52-00	Arsenic	130.00	mg/kg
1103	A1103-52-00	Barium	150.00	mg/kg

Analytical Maximums and Summary of Sample Locations

LOCATION	SAMPLE ID	ANALYTE	RESULT	UNIT
1103	A1103-52-00	Beryllium	0.38	mg/kg
1103	A1103-52-00	Cadmium	36.00	mg/kg
1103	A1103-52-00	Calcium	19000.00	mg/kg
1103	A1103-52-00	Chromium	10.00	mg/kg
1103	A1103-52-00	Cobalt	12.00	mg/kg
1103	A1103-52-00	Copper	1800.00	mg/kg
1103	A1103-52-00	Iron	20000.00	mg/kg
1103	A1103-52-00	Lead	1100.00	mg/kg
1103	A1103-52-00	Magnesium	5700.00	mg/kg
1103	A1103-52-00	Manganese	360.00	mg/kg
1103	A1103-52-00	Nickel	11.00	mg/kg
1103	A1103-52-00	Potassium	1700.00	mg/kg
1103	A1103-52-00	Selenium	3.20	mg/kg
1103	A1103-52-00	Silver	6.90	mg/kg
1103	A1103-52-00	Sodium	200.00	mg/kg
1103	A1103-52-00	Thallium	1.50	mg/kg
1103	A1103-52-00	Vanadium	26.00	mg/kg
1103	A1103-52-00	Zinc	1200.00	mg/kg
1103	A1103-52-00	Mercury	0.61	mg/kg
1104	A1104A-51-00	Arsenic	5.40	mg/kg
1104	A1104A-51-00	Lead	86.00	mg/kg
1104	A1104B-51-00	Arsenic	6.00	mg/kg
1104	A1104B-51-00	Lead	110.00	mg/kg
1104	A1104C-51-00	Arsenic	14.00	mg/kg
1104	A1104C-51-00	Lead	260.00	mg/kg
1104	A1104D-51-00	Arsenic	21.00	mg/kg
1104	A1104D-51-00	Lead	530.00	mg/kg
1105	A1105B-51-00	Arsenic	9.20	mg/kg
1105	A1105B-51-00	Lead	85.00	mg/kg
1105	A1105B-51-06	Arsenic	11.00	mg/kg
1105	A1105B-51-06	Lead	100.00	mg/kg
1105	A1105B-51-12	Arsenic	15.00	mg/kg
1105	A1105B-51-12	Lead	93.00	mg/kg
1105	A1105F-51-00	Arsenic	25.00	mg/kg
1105	A1105F-51-00	Lead	410.00	mg/kg
1105	A1105F-51-06	Arsenic	23.00	mg/kg
1105	A1105F-51-06	Lead	260.00	mg/kg
1105	A1105F-51-12	Arsenic	14.00	mg/kg
1105	A1105F-51-12	Lead	87.00	mg/kg
1105	A1105F-51-18	Arsenic	16.00	mg/kg
1105	A1105F-51-18	Lead	35.00	mg/kg
1105	A1105F-51-24	Arsenic	9.00	mg/kg
1105	A1105F-51-24	Lead	3.30	mg/kg
1106	A1106B-51-00	Arsenic	22.00	mg/kg
1106	A1106B-51-00	Lead	330.00	mg/kg
1106	A1106B-51-06	Arsenic	17.00	mg/kg
1106	A1106B-51-06	Lead	110.00	mg/kg
1106	A1106B-51-12	Arsenic	4.70	mg/kg
1106	A1106B-51-12	Lead	9.10	mg/kg
1106	A1106F-51-00	Arsenic	32.00	mg/kg
1106	A1106F-51-00	Lead	530.00	mg/kg
1106	A1106F-51-06	Arsenic	23.00	mg/kg
1106	A1106F-51-06	Lead	200.00	mg/kg
1106	A1106F-51-12	Arsenic	11.00	mg/kg
1106	A1106F-51-12	Lead	84.00	mg/kg
1106	A1106F-51-18	Arsenic	6.00	mg/kg
1106	A1106F-51-18	Lead	10.00	mg/kg
1106	A1106F-51-24	Arsenic	3.80	mg/kg
1106	A1106F-51-24	Lead	8.40	mg/kg

Analytical Maximums and Summary of Sample Locations

LOCATION	SAMPLE ID	ANALYTE	RESULT	UNIT
1107	A1107B-51-00	Arsenic	9.40	mg/kg
1107	A1107B-51-00	Lead	74.00	mg/kg
1107	A1107B-51-06	Arsenic	9.50	mg/kg
1107	A1107B-51-06	Lead	62.00	mg/kg
1107	A1107B-51-12	Arsenic	12.00	mg/kg
1107	A1107B-51-12	Lead	20.00	mg/kg
1107	A1107F-51-00	Arsenic	16.00	mg/kg
1107	A1107F-51-00	Lead	250.00	mg/kg
1107	A1107F-51-06	Arsenic	7.00	mg/kg
1107	A1107F-51-06	Lead	85.00	mg/kg
1107	A1107F-51-12	Arsenic	6.60	mg/kg
1107	A1107F-51-12	Lead	47.00	mg/kg
1107	A1107F-51-18	Arsenic	2.20	mg/kg
1107	A1107F-51-18	Lead	6.60	mg/kg
1107	A1107F-51-24	Arsenic	2.40	mg/kg
1107	A1107F-51-24	Lead	3.80	mg/kg
1107	A1107L-51-00	Arsenic	9.00	mg/kg
1107	A1107L-51-00	Lead	120.00	mg/kg
1107	A1107L-51-06	Arsenic	11.00	mg/kg
1107	A1107L-51-06	Lead	140.00	mg/kg
1107	A1107L-51-12	Arsenic	6.80	mg/kg
1107	A1107L-51-12	Lead	37.00	mg/kg
1108	A1108B-51-00	Arsenic	16.00	mg/kg
1108	A1108B-51-00	Lead	400.00	mg/kg
1108	A1108B-51-06	Arsenic	9.80	mg/kg
1108	A1108B-51-06	Lead	220.00	mg/kg
1108	A1108B-51-12	Arsenic	11.00	mg/kg
1108	A1108B-51-12	Lead	18.00	mg/kg
1108	A1108F-51-06	Arsenic	13.00	mg/kg
1108	A1108F-51-06	Lead	370.00	mg/kg
1108	A1108F-51-12	Arsenic	11.00	mg/kg
1108	A1108F-51-12	Lead	99.00	mg/kg
1108	A1108F-51-18	Arsenic	7.70	mg/kg
1108	A1108F-51-18	Lead	34.00	mg/kg
1108	A1108F-51-00	Arsenic	19.00	mg/kg
1108	A1108F-51-00	Lead	370.00	mg/kg
1109	A1109B-51-00	Arsenic	8.50	mg/kg
1109	A1109B-51-00	Lead	170.00	mg/kg
1109	A1109B-51-06	Arsenic	10.00	mg/kg
1109	A1109B-51-06	Lead	72.00	mg/kg
1109	A1109B-51-12	Arsenic	6.10	mg/kg
1109	A1109B-51-12	Lead	8.90	mg/kg
1109	A1109F-51-00	Arsenic	9.20	mg/kg
1109	A1109F-51-00	Lead	180.00	mg/kg
1109	A1109F-51-06	Arsenic	9.60	mg/kg
1109	A1109F-51-06	Lead	180.00	mg/kg
1109	A1109F-51-12	Arsenic	10.00	mg/kg
1109	A1109F-51-12	Lead	58.00	mg/kg
1109	A1109F-51-18	Arsenic	4.70	mg/kg
1109	A1109F-51-18	Lead	13.00	mg/kg
1110	A1110B-51-00	Arsenic	15.00	mg/kg
1110	A1110B-51-00	Lead	210.00	mg/kg
1110	A1110B-51-06	Arsenic	8.80	mg/kg
1110	A1110B-51-06	Lead	64.00	mg/kg
1110	A1110F-51-00	Arsenic	14.00	mg/kg
1110	A1110F-51-00	Lead	150.00	mg/kg
1110	A1110F-51-06	Arsenic	11.00	mg/kg
1110	A1110F-51-06	Lead	130.00	mg/kg
1111	A1111B-51-00	Arsenic	4.60	mg/kg

Analytical Maximums and Summary of Sample Locations

LOCATION	SAMPLE ID	ANALYTE	RESULT	UNIT
1111	A1111B-51-00	Lead	43.00	mg/kg
1111	A1111B-51-06	Arsenic	4.50	mg/kg
1111	A1111B-51-06	Lead	26.00	mg/kg
1112	A1112B-51-00	Arsenic	9.50	mg/kg
1112	A1112B-51-00	Lead	41.00	mg/kg
1112	A1112B-51-06	Arsenic	9.90	mg/kg
1112	A1112B-51-06	Lead	35.00	mg/kg
1112	A1112L-51-00	Arsenic	2.90	mg/kg
1112	A1112L-51-00	Lead	10.00	mg/kg
1112	A1112L-51-06	Arsenic	4.30	mg/kg
1112	A1112L-51-06	Lead	21.00	mg/kg
1112	A1112L-51-12	Arsenic	5.60	mg/kg
1112	A1112L-51-12	Lead	10.00	mg/kg
1112	A1112L-51-18	Arsenic	11.00	mg/kg
1112	A1112L-51-18	Lead	36.00	mg/kg
1113	A1113A-51-00	Aluminum	3600.00	mg/kg
1113	A1113A-51-00	Antimony	1.90	mg/kg
1113	A1113A-51-00	Arsenic	2.30	mg/kg
1113	A1113A-51-00	Barium	76.00	mg/kg
1113	A1113A-51-00	Beryllium	0.18	mg/kg
1113	A1113A-51-00	Cadmium	0.10	mg/kg
1113	A1113A-51-00	Calcium	18000.00	mg/kg
1113	A1113A-51-00	Chromium	4.10	mg/kg
1113	A1113A-51-00	Cobalt	1.90	mg/kg
1113	A1113A-51-00	Copper	3.10	mg/kg
1113	A1113A-51-00	Iron	4800.00	mg/kg
1113	A1113A-51-00	Lead	4.10	mg/kg
1113	A1113A-51-00	Magnesium	2000.00	mg/kg
1113	A1113A-51-00	Manganese	76.00	mg/kg
1113	A1113A-51-00	Nickel	4.70	mg/kg
1113	A1113A-51-00	Potassium	860.00	mg/kg
1113	A1113A-51-00	Selenium	0.93	mg/kg
1113	A1113A-51-00	Silver	0.93	mg/kg
1113	A1113A-51-00	Sodium	110.00	mg/kg
1113	A1113A-51-00	Thallium	0.93	mg/kg
1113	A1113A-51-00	Vanadium	11.00	mg/kg
1113	A1113A-51-00	Zinc	12.00	mg/kg
1113	A1113A-51-00	Mercury	0.00	mg/kg
1113	A1113B-51-00	Aluminum	4600.00	mg/kg
1113	A1113B-51-00	Antimony	0.52	mg/kg
1113	A1113B-51-00	Arsenic	4.00	mg/kg
1113	A1113B-51-00	Barium	95.00	mg/kg
1113	A1113B-51-00	Beryllium	0.29	mg/kg
1113	A1113B-51-00	Cadmium	0.25	mg/kg
1113	A1113B-51-00	Calcium	20000.00	mg/kg
1113	A1113B-51-00	Chromium	6.10	mg/kg
1113	A1113B-51-00	Cobalt	2.70	mg/kg
1113	A1113B-51-00	Copper	8.90	mg/kg
1113	A1113B-51-00	Iron	7500.00	mg/kg
1113	A1113B-51-00	Lead	47.00	mg/kg
1113	A1113B-51-00	Magnesium	2700.00	mg/kg
1113	A1113B-51-00	Manganese	120.00	mg/kg
1113	A1113B-51-00	Nickel	6.80	mg/kg
1113	A1113B-51-00	Potassium	1100.00	mg/kg
1113	A1113B-51-00	Selenium	0.93	mg/kg
1113	A1113B-51-00	Silver	0.93	mg/kg
1113	A1113B-51-00	Sodium	100.00	mg/kg
1113	A1113B-51-00	Thallium	0.93	mg/kg
1113	A1113B-51-00	Vanadium	16.00	mg/kg

Analytical Maximums and Summary of Sample Locations

LOCATION	SAMPLE ID	ANALYTE	RESULT	UNIT
1113	A1113B-51-00	Zinc	59.00	mg/kg
1113	A1113B-51-00	Mercury	0.02	mg/kg
1114	A1114B-51-00	Arsenic	7.80	mg/kg
1114	A1114B-51-00	Lead	200.00	mg/kg
1114	A1114B-51-06	Arsenic	7.20	mg/kg
1114	A1114B-51-06	Lead	160.00	mg/kg
1114	A1114B1-51-00	Arsenic	6.20	mg/kg
1114	A1114B1-51-00	Lead	50.00	mg/kg
1114	A1114B1-51-06	Arsenic	8.60	mg/kg
1114	A1114B1-51-06	Lead	180.00	mg/kg
1114	A1114F-51-00	Arsenic	7.40	mg/kg
1114	A1114F-51-00	Lead	150.00	mg/kg
1114	A1114F-51-06	Arsenic	6.40	mg/kg
1114	A1114F-51-06	Lead	190.00	mg/kg
1114	A1114F-51-12	Arsenic	3.90	mg/kg
1114	A1114F-51-12	Lead	51.00	mg/kg
1114	A1114F-51-18	Arsenic	4.00	mg/kg
1114	A1114F-51-18	Lead	6.20	mg/kg
1114	A1114F-51-24	Arsenic	5.80	mg/kg
1114	A1114F-51-24	Lead	3.90	mg/kg
1115	A1115F-51-00	Arsenic	9.50	mg/kg
1115	A1115F-51-00	Lead	230.00	mg/kg
1115	A1115F-51-06	Arsenic	10.00	mg/kg
1115	A1115F-51-06	Lead	120.00	mg/kg
1115	A1115F-51-12	Arsenic	17.00	mg/kg
1115	A1115F-51-12	Lead	36.00	mg/kg
1116	A1116B-51-00	Arsenic	13.00	mg/kg
1116	A1116B-51-00	Lead	170.00	mg/kg
1116	A1116B-51-06	Arsenic	9.20	mg/kg
1116	A1116B-51-06	Lead	150.00	mg/kg
1116	A1116B-51-12	Arsenic	7.80	mg/kg
1116	A1116B-51-12	Lead	120.00	mg/kg
1116	A1116F-51-00	Arsenic	12.00	mg/kg
1116	A1116F-51-00	Lead	200.00	mg/kg
1116	A1116F-51-06	Arsenic	20.00	mg/kg
1116	A1116F-51-06	Lead	190.00	mg/kg
1116	A1116F-51-12	Arsenic	13.00	mg/kg
1116	A1116F-51-12	Lead	36.00	mg/kg
1116	A1116F-51-18	Arsenic	17.00	mg/kg
1116	A1116F-51-18	Lead	23.00	mg/kg
1116	A1116F-51-24	Arsenic	5.20	mg/kg
1116	A1116F-51-24	Lead	18.00	mg/kg
1117	A1117B-51-00	Arsenic	10.00	mg/kg
1117	A1117B-51-00	Lead	140.00	mg/kg
1117	A1117B-51-06	Arsenic	8.00	mg/kg
1117	A1117B-51-06	Lead	79.00	mg/kg
1117	A1117B-51-12	Arsenic	3.80	mg/kg
1117	A1117B-51-12	Lead	3.60	mg/kg
1117	A1117F-51-00	Arsenic	18.00	mg/kg
1117	A1117F-51-00	Lead	310.00	mg/kg
1117	A1117F-51-06	Arsenic	9.90	mg/kg
1117	A1117F-51-06	Lead	110.00	mg/kg
1117	A1117F-51-12	Arsenic	8.30	mg/kg
1117	A1117F-51-12	Lead	34.00	mg/kg
1117	A1117F-51-18	Arsenic	23.00	mg/kg
1117	A1117F-51-18	Lead	89.00	mg/kg
1117	A1117F-51-24	Arsenic	5.60	mg/kg
1117	A1117F-51-24	Lead	29.00	mg/kg
1118	A1118-51-00	Aluminum	2800.00	mg/kg

Analytical Maximums and Summary of Sample Locations

LOCATION	SAMPLE ID	ANALYTE	RESULT	UNIT
1118	A1118-51-00	Antimony	12.00	mg/kg
1118	A1118-51-00	Arsenic	98.00	mg/kg
1118	A1118-51-00	Barium	130.00	mg/kg
1118	A1118-51-00	Beryllium	0.26	mg/kg
1118	A1118-51-00	Cadmium	39.00	mg/kg
1118	A1118-51-00	Calcium	17000.00	mg/kg
1118	A1118-51-00	Chromium	12.00	mg/kg
1118	A1118-51-00	Cobalt	13.00	mg/kg
1118	A1118-51-00	Copper	2600.00	mg/kg
1118	A1118-51-00	Iron	16000.00	mg/kg
1118	A1118-51-00	Lead	730.00	mg/kg
1118	A1118-51-00	Magnesium	2600.00	mg/kg
1118	A1118-51-00	Manganese	300.00	mg/kg
1118	A1118-51-00	Nickel	13.00	mg/kg
1118	A1118-51-00	Potassium	1300.00	mg/kg
1118	A1118-51-00	Selenium	4.80	mg/kg
1118	A1118-51-00	Silver	9.30	mg/kg
1118	A1118-51-00	Sodium	590.00	mg/kg
1118	A1118-51-00	Thallium	0.88	mg/kg
1118	A1118-51-00	Vanadium	8.60	mg/kg
1118	A1118-51-00	Zinc	1500.00	mg/kg
1118	A1118-51-00	Mercury	0.88	mg/kg
1119	A1119-51-00	Arsenic	39.00	mg/kg
1119	A1119-51-00	Lead	190.00	mg/kg
1120	A1120-51-00	Arsenic	25.00	mg/kg
1120	A1120-51-00	Lead	300.00	mg/kg
1121	A1121A-51-00	Arsenic	6.00	mg/kg
1121	A1121A-51-00	Lead	44.00	mg/kg
1121	A1121A-51-06	Arsenic	4.10	mg/kg
1121	A1121A-51-06	Lead	17.00	mg/kg
1121	A1121A-51-12	Arsenic	3.00	mg/kg
1121	A1121A-51-12	Lead	6.60	mg/kg
1121	A1121A-51-18	Arsenic	2.40	mg/kg
1121	A1121A-51-18	Lead	5.60	mg/kg
1122	A1122B-51-00	Aluminum	4400.00	mg/kg
1122	A1122B-51-00	Antimony	0.74	mg/kg
1122	A1122B-51-00	Arsenic	16.00	mg/kg
1122	A1122B-51-00	Barium	110.00	mg/kg
1122	A1122B-51-00	Beryllium	0.63	mg/kg
1122	A1122B-51-00	Cadmium	2.90	mg/kg
1122	A1122B-51-00	Calcium	8700.00	mg/kg
1122	A1122B-51-00	Chromium	11.00	mg/kg
1122	A1122B-51-00	Cobalt	4.00	mg/kg
1122	A1122B-51-00	Copper	110.00	mg/kg
1122	A1122B-51-00	Iron	7700.00	mg/kg
1122	A1122B-51-00	Lead	120.00	mg/kg
1122	A1122B-51-00	Magnesium	2300.00	mg/kg
1122	A1122B-51-00	Manganese	220.00	mg/kg
1122	A1122B-51-00	Nickel	6.70	mg/kg
1122	A1122B-51-00	Potassium	1400.00	mg/kg
1122	A1122B-51-00	Selenium	1.10	mg/kg
1122	A1122B-51-00	Silver	2.30	mg/kg
1122	A1122B-51-00	Sodium	420.00	mg/kg
1122	A1122B-51-00	Thallium	1.10	mg/kg
1122	A1122B-51-00	Vanadium	13.00	mg/kg
1122	A1122B-51-00	Zinc	170.00	mg/kg
1122	A1122B-51-00	Mercury	0.29	mg/kg
1122	A1122B-51-06	Arsenic	3.80	mg/kg
1122	A1122B-51-06	Lead	23.00	mg/kg

Analytical Maximums and Summary of Sample Locations

LOCATION	SAMPLE ID	ANALYTE	RESULT	UNIT
1122	A1122B-51-12	Arsenic	9.70	mg/kg
1122	A1122B-51-12	Lead	60.00	mg/kg
1122	A1122F-51-00	Arsenic	14.00	mg/kg
1122	A1122F-51-00	Lead	55.00	mg/kg
1122	A1122F-51-06	Aluminum	4200.00	mg/kg
1122	A1122F-51-06	Antimony	0.85	mg/kg
1122	A1122F-51-06	Arsenic	9.00	mg/kg
1122	A1122F-51-06	Barium	190.00	mg/kg
1122	A1122F-51-06	Beryllium	0.53	mg/kg
1122	A1122F-51-06	Cadmium	1.20	mg/kg
1122	A1122F-51-06	Calcium	14000.00	mg/kg
1122	A1122F-51-06	Chromium	7.30	mg/kg
1122	A1122F-51-06	Cobalt	3.60	mg/kg
1122	A1122F-51-06	Copper	42.00	mg/kg
1122	A1122F-51-06	Iron	6600.00	mg/kg
1122	A1122F-51-06	Lead	37.00	mg/kg
1122	A1122F-51-06	Magnesium	3500.00	mg/kg
1122	A1122F-51-06	Manganese	220.00	mg/kg
1122	A1122F-51-06	Nickel	6.30	mg/kg
1122	A1122F-51-06	Potassium	1400.00	mg/kg
1122	A1122F-51-06	Selenium	1.10	mg/kg
1122	A1122F-51-06	Silver	1.10	mg/kg
1122	A1122F-51-06	Sodium	680.00	mg/kg
1122	A1122F-51-06	Thallium	1.10	mg/kg
1122	A1122F-51-06	Vanadium	14.00	mg/kg
1122	A1122F-51-06	Zinc	69.00	mg/kg
1122	A1122F-51-06	Mercury	0.10	mg/kg
1122	A1122F-51-12	Arsenic	3.80	mg/kg
1122	A1122F-51-12	Lead	6.40	mg/kg
1122	A1122F-51-18	Arsenic	3.10	mg/kg
1122	A1122F-51-18	Lead	4.70	mg/kg
1122	A1122F-51-24	Arsenic	3.10	mg/kg
1122	A1122F-51-24	Lead	3.80	mg/kg
1123	A1123B-51-00	Arsenic	12.00	mg/kg
1123	A1123B-51-00	Lead	77.00	mg/kg
1123	A1123B-51-06	Arsenic	2.00	mg/kg
1123	A1123B-51-06	Lead	3.40	mg/kg
1123	A1123B-51-12	Arsenic	4.00	mg/kg
1123	A1123B-51-12	Lead	6.80	mg/kg
1123	A1123F-51-00	Arsenic	14.00	mg/kg
1123	A1123F-51-00	Lead	150.00	mg/kg
1123	A1123F-51-06	Arsenic	10.00	mg/kg
1123	A1123F-51-06	Lead	55.00	mg/kg
1123	A1123F-51-12	Arsenic	7.10	mg/kg
1123	A1123F-51-12	Lead	28.00	mg/kg
1123	A1123F-51-18	Arsenic	3.60	mg/kg
1123	A1123F-51-18	Lead	5.80	mg/kg
1123	A1123F-51-24	Arsenic	5.20	mg/kg
1123	A1123F-51-24	Lead	15.00	mg/kg
1124	A1124B-51-00	Arsenic	13.00	mg/kg
1124	A1124B-51-00	Lead	120.00	mg/kg
1124	A1124B-51-06	Aluminum	4500.00	mg/kg
1124	A1124B-51-06	Antimony	2.20	mg/kg
1124	A1124B-51-06	Arsenic	8.40	mg/kg
1124	A1124B-51-06	Barium	120.00	mg/kg
1124	A1124B-51-06	Beryllium	0.58	mg/kg
1124	A1124B-51-06	Cadmium	1.10	mg/kg
1124	A1124B-51-06	Calcium	28000.00	mg/kg
1124	A1124B-51-06	Chromium	6.10	mg/kg

Analytical Maximums and Summary of Sample Locations

LOCATION	SAMPLE ID	ANALYTE	RESULT	UNIT
1124	A1124B-51-06	Cobalt	4.30	mg/kg
1124	A1124B-51-06	Copper	37.00	mg/kg
1124	A1124B-51-06	Iron	6900.00	mg/kg
1124	A1124B-51-06	Lead	41.00	mg/kg
1124	A1124B-51-06	Magnesium	3000.00	mg/kg
1124	A1124B-51-06	Manganese	330.00	mg/kg
1124	A1124B-51-06	Nickel	7.30	mg/kg
1124	A1124B-51-06	Potassium	1200.00	mg/kg
1124	A1124B-51-06	Selenium	1.10	mg/kg
1124	A1124B-51-06	Silver	0.26	mg/kg
1124	A1124B-51-06	Sodium	370.00	mg/kg
1124	A1124B-51-06	Thallium	1.10	mg/kg
1124	A1124B-51-06	Vanadium	13.00	mg/kg
1124	A1124B-51-06	Zinc	64.00	mg/kg
1124	A1124B-51-06	Mercury	0.04	mg/kg
1124	A1124B-51-12	Arsenic	2.30	mg/kg
1124	A1124B-51-12	Lead	5.80	mg/kg
1124	A1124B-51-18	Arsenic	2.10	mg/kg
1124	A1124B-51-18	Lead	3.90	mg/kg
1124	A1124F-51-00	Aluminum	5900.00	mg/kg
1124	A1124F-51-00	Antimony	0.77	mg/kg
1124	A1124F-51-00	Arsenic	9.90	mg/kg
1124	A1124F-51-00	Barium	95.00	mg/kg
1124	A1124F-51-00	Beryllium	0.54	mg/kg
1124	A1124F-51-00	Cadmium	2.80	mg/kg
1124	A1124F-51-00	Calcium	14000.00	mg/kg
1124	A1124F-51-00	Chromium	9.00	mg/kg
1124	A1124F-51-00	Cobalt	4.50	mg/kg
1124	A1124F-51-00	Copper	150.00	mg/kg
1124	A1124F-51-00	Iron	10000.00	mg/kg
1124	A1124F-51-00	Lead	120.00	mg/kg
1124	A1124F-51-00	Magnesium	4800.00	mg/kg
1124	A1124F-51-00	Manganese	250.00	mg/kg
1124	A1124F-51-00	Nickel	7.30	mg/kg
1124	A1124F-51-00	Potassium	2200.00	mg/kg
1124	A1124F-51-00	Selenium	1.20	mg/kg
1124	A1124F-51-00	Silver	0.82	mg/kg
1124	A1124F-51-00	Sodium	530.00	mg/kg
1124	A1124F-51-00	Thallium	1.20	mg/kg
1124	A1124F-51-00	Vanadium	13.00	mg/kg
1124	A1124F-51-00	Zinc	230.00	mg/kg
1124	A1124F-51-00	Mercury	0.11	mg/kg
1124	A1124F-51-06	Arsenic	12.00	mg/kg
1124	A1124F-51-06	Lead	66.00	mg/kg
1124	A1124F-51-12	Arsenic	3.90	mg/kg
1124	A1124F-51-12	Lead	11.00	mg/kg
1124	A1124F-51-18	Arsenic	15.00	mg/kg
1124	A1124F-51-18	Lead	7.30	mg/kg
1124	A1124F-51-24	Arsenic	3.00	mg/kg
1124	A1124F-51-24	Lead	4.70	mg/kg
1125	A1125B-51-00	Arsenic	11.00	mg/kg
1125	A1125B-51-00	Lead	140.00	mg/kg
1125	A1125B-51-06	Aluminum	7100.00	mg/kg
1125	A1125B-51-06	Antimony	2.00	mg/kg
1125	A1125B-51-06	Arsenic	10.00	mg/kg
1125	A1125B-51-06	Barium	150.00	mg/kg
1125	A1125B-51-06	Beryllium	0.59	mg/kg
1125	A1125B-51-06	Cadmium	2.90	mg/kg
1125	A1125B-51-06	Calcium	64000.00	mg/kg

Analytical Maximums and Summary of Sample Locations

LOCATION	SAMPLE ID	ANALYTE	RESULT	UNIT
1125	A1125B-51-06	Chromium	9.80	mg/kg
1125	A1125B-51-06	Cobalt	3.60	mg/kg
1125	A1125B-51-06	Copper	83.00	mg/kg
1125	A1125B-51-06	Iron	9000.00	mg/kg
1125	A1125B-51-06	Lead	74.00	mg/kg
1125	A1125B-51-06	Magnesium	23000.00	mg/kg
1125	A1125B-51-06	Manganese	180.00	mg/kg
1125	A1125B-51-06	Nickel	8.70	mg/kg
1125	A1125B-51-06	Potassium	2400.00	mg/kg
1125	A1125B-51-06	Selenium	0.83	mg/kg
1125	A1125B-51-06	Silver	0.32	mg/kg
1125	A1125B-51-06	Sodium	390.00	mg/kg
1125	A1125B-51-06	Thallium	0.98	mg/kg
1125	A1125B-51-06	Vanadium	16.00	mg/kg
1125	A1125B-51-06	Zinc	130.00	mg/kg
1125	A1125B-51-06	Mercury	0.06	mg/kg
1125	A1125F-51-00	Arsenic	13.00	mg/kg
1125	A1125F-51-00	Lead	170.00	mg/kg
1125	A1125F-51-06	Aluminum	9100.00	mg/kg
1125	A1125F-51-06	Antimony	2.20	mg/kg
1125	A1125F-51-06	Arsenic	8.60	mg/kg
1125	A1125F-51-06	Barium	97.00	mg/kg
1125	A1125F-51-06	Beryllium	1.10	mg/kg
1125	A1125F-51-06	Cadmium	2.80	mg/kg
1125	A1125F-51-06	Calcium	20000.00	mg/kg
1125	A1125F-51-06	Chromium	11.00	mg/kg
1125	A1125F-51-06	Cobalt	4.60	mg/kg
1125	A1125F-51-06	Copper	68.00	mg/kg
1125	A1125F-51-06	Iron	12000.00	mg/kg
1125	A1125F-51-06	Lead	64.00	mg/kg
1125	A1125F-51-06	Magnesium	4200.00	mg/kg
1125	A1125F-51-06	Manganese	320.00	mg/kg
1125	A1125F-51-06	Nickel	8.10	mg/kg
1125	A1125F-51-06	Potassium	2600.00	mg/kg
1125	A1125F-51-06	Selenium	1.10	mg/kg
1125	A1125F-51-06	Silver	0.27	mg/kg
1125	A1125F-51-06	Sodium	300.00	mg/kg
1125	A1125F-51-06	Thallium	0.84	mg/kg
1125	A1125F-51-06	Vanadium	19.00	mg/kg
1125	A1125F-51-06	Zinc	85.00	mg/kg
1125	A1125F-51-12	Arsenic	3.00	mg/kg
1125	A1125F-51-12	Lead	15.00	mg/kg
1125	A1125F-51-18	Arsenic	5.60	mg/kg
1125	A1125F-51-18	Lead	11.00	mg/kg
1125	A1125F-51-24	Arsenic	9.90	mg/kg
1125	A1125F-51-24	Lead	4.50	mg/kg
1125	A1125F-51-12	Arsenic	2.90	mg/kg
1125	A1125F-51-12	Lead	5.20	mg/kg
1126	A1126A-51-00	Aluminum	9500.00	mg/kg
1126	A1126A-51-00	Antimony	2.20	mg/kg
1126	A1126A-51-00	Arsenic	34.00	mg/kg
1126	A1126A-51-00	Barium	130.00	mg/kg
1126	A1126A-51-00	Beryllium	0.46	mg/kg
1126	A1126A-51-00	Cadmium	11.00	mg/kg
1126	A1126A-51-00	Calcium	78000.00	mg/kg
1126	A1126A-51-00	Chromium	8.90	mg/kg
1126	A1126A-51-00	Cobalt	4.60	mg/kg
1126	A1126A-51-00	Copper	360.00	mg/kg
1126	A1126A-51-00	Iron	10000.00	mg/kg

Analytical Maximums and Summary of Sample Locations

LOCATION	SAMPLE ID	ANALYTE	RESULT	UNIT
1126	A1126A-51-00	Lead	440.00	mg/kg
1126	A1126A-51-00	Magnesium	34000.00	mg/kg
1126	A1126A-51-00	Manganese	300.00	mg/kg
1126	A1126A-51-00	Nickel	8.00	mg/kg
1126	A1126A-51-00	Potassium	2300.00	mg/kg
1126	A1126A-51-00	Selenium	0.67	mg/kg
1126	A1126A-51-00	Silver	1.50	mg/kg
1126	A1126A-51-00	Sodium	190.00	mg/kg
1126	A1126A-51-00	Thallium	1.00	mg/kg
1126	A1126A-51-00	Vanadium	18.00	mg/kg
1126	A1126A-51-00	Zinc	270.00	mg/kg
1126	A1126A-51-00	Mercury	0.21	mg/kg
1127	A1127F-51-00	Aluminum	1900.00	mg/kg
1127	A1127F-51-00	Antimony	2.10	mg/kg
1127	A1127F-51-00	Arsenic	1.60	mg/kg
1127	A1127F-51-00	Barium	22.00	mg/kg
1127	A1127F-51-00	Beryllium	0.08	mg/kg
1127	A1127F-51-00	Cadmium	0.52	mg/kg
1127	A1127F-51-00	Calcium	4700.00	mg/kg
1127	A1127F-51-00	Chromium	2.70	mg/kg
1127	A1127F-51-00	Cobalt	1.10	mg/kg
1127	A1127F-51-00	Copper	4.00	mg/kg
1127	A1127F-51-00	Iron	3200.00	mg/kg
1127	A1127F-51-00	Lead	3.90	mg/kg
1127	A1127F-51-00	Magnesium	720.00	mg/kg
1127	A1127F-51-00	Manganese	48.00	mg/kg
1127	A1127F-51-00	Nickel	2.20	mg/kg
1127	A1127F-51-00	Potassium	590.00	mg/kg
1127	A1127F-51-00	Selenium	1.00	mg/kg
1127	A1127F-51-00	Silver	1.00	mg/kg
1127	A1127F-51-00	Sodium	100.00	mg/kg
1127	A1127F-51-00	Thallium	1.00	mg/kg
1127	A1127F-51-00	Vanadium	6.40	mg/kg
1127	A1127F-51-00	Zinc	12.00	mg/kg
1127	A1127F-51-00	Mercury	0.00	mg/kg
1127	A1127F-51-06	Aluminum	2500.00	mg/kg
1127	A1127F-51-06	Antimony	2.10	mg/kg
1127	A1127F-51-06	Arsenic	1.70	mg/kg
1127	A1127F-51-06	Barium	24.00	mg/kg
1127	A1127F-51-06	Beryllium	0.19	mg/kg
1127	A1127F-51-06	Cadmium	0.22	mg/kg
1127	A1127F-51-06	Calcium	4800.00	mg/kg
1127	A1127F-51-06	Chromium	3.40	mg/kg
1127	A1127F-51-06	Cobalt	1.20	mg/kg
1127	A1127F-51-06	Copper	5.20	mg/kg
1127	A1127F-51-06	Iron	3700.00	mg/kg
1127	A1127F-51-06	Lead	5.30	mg/kg
1127	A1127F-51-06	Magnesium	780.00	mg/kg
1127	A1127F-51-06	Manganese	46.00	mg/kg
1127	A1127F-51-06	Nickel	2.40	mg/kg
1127	A1127F-51-06	Potassium	680.00	mg/kg
1127	A1127F-51-06	Selenium	1.00	mg/kg
1127	A1127F-51-06	Silver	1.00	mg/kg
1127	A1127F-51-06	Sodium	110.00	mg/kg
1127	A1127F-51-06	Thallium	1.00	mg/kg
1127	A1127F-51-06	Vanadium	7.20	mg/kg
1127	A1127F-51-06	Zinc	15.00	mg/kg
1127	A1127F-51-06	Mercury	0.01	mg/kg
1127	A1127R-51-00	Aluminum	6200.00	mg/kg

Analytical Maximums and Summary of Sample Locations

LOCATION	SAMPLE ID	ANALYTE	RESULT	UNIT
1127	A1127R-51-00	Antimony	2.10	mg/kg
1127	A1127R-51-00	Arsenic	2.10	mg/kg
1127	A1127R-51-00	Barium	350.00	mg/kg
1127	A1127R-51-00	Beryllium	0.26	mg/kg
1127	A1127R-51-00	Cadmium	0.11	mg/kg
1127	A1127R-51-00	Calcium	18000.00	mg/kg
1127	A1127R-51-00	Chromium	3.70	mg/kg
1127	A1127R-51-00	Cobalt	2.20	mg/kg
1127	A1127R-51-00	Copper	4.60	mg/kg
1127	A1127R-51-00	Iron	5300.00	mg/kg
1127	A1127R-51-00	Lead	4.70	mg/kg
1127	A1127R-51-00	Magnesium	8100.00	mg/kg
1127	A1127R-51-00	Manganese	94.00	mg/kg
1127	A1127R-51-00	Nickel	4.50	mg/kg
1127	A1127R-51-00	Potassium	1300.00	mg/kg
1127	A1127R-51-00	Selenium	1.00	mg/kg
1127	A1127R-51-00	Silver	1.00	mg/kg
1127	A1127R-51-00	Sodium	520.00	mg/kg
1127	A1127R-51-00	Thallium	1.00	mg/kg
1127	A1127R-51-00	Vanadium	12.00	mg/kg
1127	A1127R-51-00	Zinc	16.00	mg/kg
1127	A1127R-51-00	Mercury	0.01	mg/kg
1127	A1127R-51-06	Aluminum	4900.00	mg/kg
1127	A1127R-51-06	Antimony	1.90	mg/kg
1127	A1127R-51-06	Arsenic	3.50	mg/kg
1127	A1127R-51-06	Barium	78.00	mg/kg
1127	A1127R-51-06	Beryllium	0.35	mg/kg
1127	A1127R-51-06	Cadmium	0.64	mg/kg
1127	A1127R-51-06	Calcium	55000.00	mg/kg
1127	A1127R-51-06	Chromium	4.30	mg/kg
1127	A1127R-51-06	Cobalt	2.20	mg/kg
1127	A1127R-51-06	Copper	14.00	mg/kg
1127	A1127R-51-06	Iron	5200.00	mg/kg
1127	A1127R-51-06	Lead	14.00	mg/kg
1127	A1127R-51-06	Magnesium	13000.00	mg/kg
1127	A1127R-51-06	Manganese	97.00	mg/kg
1127	A1127R-51-06	Nickel	4.90	mg/kg
1127	A1127R-51-06	Potassium	1200.00	mg/kg
1127	A1127R-51-06	Selenium	0.96	mg/kg
1127	A1127R-51-06	Silver	0.96	mg/kg
1127	A1127R-51-06	Sodium	200.00	mg/kg
1127	A1127R-51-06	Thallium	0.96	mg/kg
1127	A1127R-51-06	Vanadium	12.00	mg/kg
1127	A1127R-51-06	Zinc	19.00	mg/kg
1127	A1127R-51-06	Mercury	0.05	mg/kg
1127	A1127R-51-12	Arsenic	20.00	mg/kg
1127	A1127R-51-12	Lead	39.00	mg/kg
1128	A1128-51-00	Arsenic	6.20	mg/kg
1128	A1128-51-00	Lead	58.00	mg/kg
1129	A1129B-51-00	Arsenic	16.00	mg/kg
1129	A1129B-51-00	Lead	120.00	mg/kg
1129	A1129B-51-06	Arsenic	18.00	mg/kg
1129	A1129B-51-06	Lead	68.00	mg/kg
1129	A1129B-51-12	Arsenic	5.70	mg/kg
1129	A1129B-51-12	Lead	8.50	mg/kg
1129	A1129F-51-00	Arsenic	23.00	mg/kg
1129	A1129F-51-00	Lead	170.00	mg/kg
1129	A1129F-51-06	Arsenic	23.00	mg/kg
1129	A1129F-51-06	Lead	110.00	mg/kg

Analytical Maximums and Summary of Sample Locations

LOCATION	SAMPLE ID	ANALYTE	RESULT	UNIT
1129	A1129F-51-12	Arsenic	8.40	mg/kg
1129	A1129F-51-12	Lead	22.00	mg/kg
1129	A1129F-51-18	Arsenic	5.30	mg/kg
1129	A1129F-51-18	Lead	6.30	mg/kg
1130	A1130B-51-00	Arsenic	28.00	mg/kg
1130	A1130B-51-00	Lead	220.00	mg/kg
1130	A1130B-51-06	Arsenic	6.70	mg/kg
1130	A1130B-51-06	Lead	19.00	mg/kg
1130	A1130B-51-12	Arsenic	2.50	mg/kg
1130	A1130B-51-12	Lead	5.80	mg/kg
1130	A1130F-51-00	Arsenic	21.00	mg/kg
1130	A1130F-51-00	Lead	180.00	mg/kg
1130	A1130F-51-06	Arsenic	8.00	mg/kg
1130	A1130F-51-06	Lead	38.00	mg/kg
1130	A1130F-51-12	Arsenic	3.80	mg/kg
1130	A1130F-51-12	Lead	7.50	mg/kg
1130	A1130F-51-18	Arsenic	12.00	mg/kg
1130	A1130F-51-18	Lead	3.60	mg/kg
1130	A1130F-51-24	Arsenic	3.70	mg/kg
1130	A1130F-51-24	Lead	2.60	mg/kg
1131	A1131B-51-00	Arsenic	9.50	mg/kg
1131	A1131B-51-00	Lead	130.00	mg/kg
1131	A1131B-51-06	Arsenic	3.30	mg/kg
1131	A1131B-51-06	Lead	33.00	mg/kg
1131	A1131B-51-12	Arsenic	2.90	mg/kg
1131	A1131B-51-12	Lead	7.60	mg/kg
1131	A1131F-51-00	Arsenic	9.00	mg/kg
1131	A1131F-51-00	Lead	94.00	mg/kg
1131	A1131F-51-06	Arsenic	9.40	mg/kg
1131	A1131F-51-06	Lead	63.00	mg/kg
1131	A1131F-51-12	Arsenic	3.70	mg/kg
1131	A1131F-51-12	Lead	12.00	mg/kg
1131	A1131F-51-18	Arsenic	3.80	mg/kg
1131	A1131F-51-18	Lead	6.50	mg/kg
1131	A1131F-51-24	Arsenic	3.20	mg/kg
1131	A1131F-51-24	Lead	4.30	mg/kg
1132	A1132B-51-00	Arsenic	15.00	mg/kg
1132	A1132B-51-00	Lead	200.00	mg/kg
1132	A1132B-51-06	Arsenic	15.00	mg/kg
1132	A1132B-51-06	Lead	69.00	mg/kg
1132	A1132F-51-00	Arsenic	12.00	mg/kg
1132	A1132F-51-00	Lead	160.00	mg/kg
1132	A1132F-51-06	Arsenic	12.00	mg/kg
1132	A1132F-51-06	Lead	72.00	mg/kg
1132	A1132F-51-12	Arsenic	4.70	mg/kg
1132	A1132F-51-12	Lead	8.60	mg/kg
1133	A1133-51-00	Arsenic	50.00	mg/kg
1133	A1133-51-00	Lead	540.00	mg/kg
1134	A1134-51-00	Arsenic	53.00	mg/kg
1134	A1134-51-00	Lead	420.00	mg/kg
1135	A1135A-51-00	Aluminum	9500.00	mg/kg
1135	A1135A-51-00	Antimony	0.80	mg/kg
1135	A1135A-51-00	Arsenic	9.60	mg/kg
1135	A1135A-51-00	Barium	140.00	mg/kg
1135	A1135A-51-00	Beryllium	0.51	mg/kg
1135	A1135A-51-00	Cadmium	1.40	mg/kg
1135	A1135A-51-00	Calcium	110000.00	mg/kg
1135	A1135A-51-00	Chromium	9.50	mg/kg
1135	A1135A-51-00	Cobalt	4.60	mg/kg

Analytical Maximums and Summary of Sample Locations

LOCATION	SAMPLE ID	ANALYTE	RESULT	UNIT
1135	A1135A-51-00	Copper	100.00	mg/kg
1135	A1135A-51-00	Iron	12000.00	mg/kg
1135	A1135A-51-00	Lead	36.00	mg/kg
1135	A1135A-51-00	Magnesium	8600.00	mg/kg
1135	A1135A-51-00	Manganese	260.00	mg/kg
1135	A1135A-51-00	Nickel	9.00	mg/kg
1135	A1135A-51-00	Potassium	2700.00	mg/kg
1135	A1135A-51-00	Selenium	0.74	mg/kg
1135	A1135A-51-00	Silver	0.93	mg/kg
1135	A1135A-51-00	Sodium	1600.00	mg/kg
1135	A1135A-51-00	Thallium	0.68	mg/kg
1135	A1135A-51-00	Vanadium	25.00	mg/kg
1135	A1135A-51-00	Zinc	140.00	mg/kg
1135	A1135A-51-00	Mercury	0.06	mg/kg
1136	A1136-51-00	Arsenic	27.00	mg/kg
1136	A1136-51-00	Lead	86.00	mg/kg
1137	A1137A-51-00	Aluminum	4400.00	mg/kg
1137	A1137A-51-00	Antimony	0.76	mg/kg
1137	A1137A-51-00	Arsenic	8.70	mg/kg
1137	A1137A-51-00	Barium	120.00	mg/kg
1137	A1137A-51-00	Beryllium	0.38	mg/kg
1137	A1137A-51-00	Cadmium	1.30	mg/kg
1137	A1137A-51-00	Calcium	97000.00	mg/kg
1137	A1137A-51-00	Chromium	6.50	mg/kg
1137	A1137A-51-00	Cobalt	3.80	mg/kg
1137	A1137A-51-00	Copper	100.00	mg/kg
1137	A1137A-51-00	Iron	10000.00	mg/kg
1137	A1137A-51-00	Lead	29.00	mg/kg
1137	A1137A-51-00	Magnesium	11000.00	mg/kg
1137	A1137A-51-00	Manganese	190.00	mg/kg
1137	A1137A-51-00	Nickel	5.20	mg/kg
1137	A1137A-51-00	Potassium	1200.00	mg/kg
1137	A1137A-51-00	Selenium	0.76	mg/kg
1137	A1137A-51-00	Silver	0.93	mg/kg
1137	A1137A-51-00	Sodium	440.00	mg/kg
1137	A1137A-51-00	Thallium	0.93	mg/kg
1137	A1137A-51-00	Vanadium	19.00	mg/kg
1137	A1137A-51-00	Zinc	170.00	mg/kg
1137	A1137A-51-00	Mercury	0.02	mg/kg
1138	A1138-51-00	Arsenic	6.20	mg/kg
1138	A1138-51-00	Lead	30.00	mg/kg
1139	A1139-51-00	Arsenic	14.00	mg/kg
1139	A1139-51-00	Lead	96.00	mg/kg
1140	A1140A-51-00	Arsenic	4.10	mg/kg
1140	A1140A-51-00	Lead	28.00	mg/kg
1140	A1140A-51-06	Arsenic	2.90	mg/kg
1140	A1140A-51-06	Lead	16.00	mg/kg
1140	A1140A-51-12	Arsenic	2.20	mg/kg
1140	A1140A-51-12	Lead	6.20	mg/kg
1140	A1140A-51-18	Arsenic	2.20	mg/kg
1140	A1140A-51-18	Lead	5.20	mg/kg
1140	A1140A-51-24	Arsenic	1.80	mg/kg
1140	A1140A-51-24	Lead	4.90	mg/kg
1141	A1141B-51-00	Aluminum	4200.00	mg/kg
1141	A1141B-51-00	Antimony	1.20	mg/kg
1141	A1141B-51-00	Arsenic	8.60	mg/kg
1141	A1141B-51-00	Barium	90.00	mg/kg
1141	A1141B-51-00	Beryllium	0.32	mg/kg
1141	A1141B-51-00	Cadmium	3.00	mg/kg

Analytical Maximums and Summary of Sample Locations

LOCATION	SAMPLE ID	ANALYTE	RESULT	UNIT
1141	A1141B-51-00	Calcium	11000.00	mg/kg
1141	A1141B-51-00	Chromium	11.00	mg/kg
1141	A1141B-51-00	Cobalt	3.80	mg/kg
1141	A1141B-51-00	Copper	130.00	mg/kg
1141	A1141B-51-00	Iron	7200.00	mg/kg
1141	A1141B-51-00	Lead	140.00	mg/kg
1141	A1141B-51-00	Magnesium	2600.00	mg/kg
1141	A1141B-51-00	Manganese	210.00	mg/kg
1141	A1141B-51-00	Nickel	8.20	mg/kg
1141	A1141B-51-00	Potassium	2000.00	mg/kg
1141	A1141B-51-00	Selenium	0.94	mg/kg
1141	A1141B-51-00	Silver	2.30	mg/kg
1141	A1141B-51-00	Sodium	300.00	mg/kg
1141	A1141B-51-00	Thallium	0.94	mg/kg
1141	A1141B-51-00	Vanadium	11.00	mg/kg
1141	A1141B-51-00	Zinc	250.00	mg/kg
1141	A1141B-51-00	Mercury	0.25	mg/kg
1141	A1141B-51-06	Arsenic	10.00	mg/kg
1141	A1141B-51-06	Lead	120.00	mg/kg
1141	A1141B-51-12	Arsenic	12.00	mg/kg
1141	A1141B-51-12	Lead	56.00	mg/kg
1141	A1141F-51-00	Aluminum	8200.00	mg/kg
1141	A1141F-51-00	Antimony	2.00	mg/kg
1141	A1141F-51-00	Arsenic	15.00	mg/kg
1141	A1141F-51-00	Barium	130.00	mg/kg
1141	A1141F-51-00	Beryllium	0.85	mg/kg
1141	A1141F-51-00	Cadmium	1.80	mg/kg
1141	A1141F-51-00	Calcium	38000.00	mg/kg
1141	A1141F-51-00	Chromium	14.00	mg/kg
1141	A1141F-51-00	Cobalt	4.40	mg/kg
1141	A1141F-51-00	Copper	54.00	mg/kg
1141	A1141F-51-00	Iron	9700.00	mg/kg
1141	A1141F-51-00	Lead	86.00	mg/kg
1141	A1141F-51-00	Magnesium	11000.00	mg/kg
1141	A1141F-51-00	Manganese	250.00	mg/kg
1141	A1141F-51-00	Nickel	10.00	mg/kg
1141	A1141F-51-00	Potassium	2300.00	mg/kg
1141	A1141F-51-00	Selenium	0.49	mg/kg
1141	A1141F-51-00	Silver	2.20	mg/kg
1141	A1141F-51-00	Sodium	240.00	mg/kg
1141	A1141F-51-00	Thallium	1.00	mg/kg
1141	A1141F-51-00	Vanadium	15.00	mg/kg
1141	A1141F-51-00	Zinc	100.00	mg/kg
1141	A1141F-51-00	Mercury	0.27	mg/kg
1141	A1141F-51-06	Aluminum	4900.00	mg/kg
1141	A1141F-51-06	Antimony	0.85	mg/kg
1141	A1141F-51-06	Arsenic	20.00	mg/kg
1141	A1141F-51-06	Barium	98.00	mg/kg
1141	A1141F-51-06	Beryllium	0.38	mg/kg
1141	A1141F-51-06	Cadmium	2.40	mg/kg
1141	A1141F-51-06	Calcium	33000.00	mg/kg
1141	A1141F-51-06	Chromium	15.00	mg/kg
1141	A1141F-51-06	Cobalt	3.20	mg/kg
1141	A1141F-51-06	Copper	140.00	mg/kg
1141	A1141F-51-06	Iron	7900.00	mg/kg
1141	A1141F-51-06	Lead	140.00	mg/kg
1141	A1141F-51-06	Magnesium	2900.00	mg/kg
1141	A1141F-51-06	Manganese	170.00	mg/kg
1141	A1141F-51-06	Nickel	7.60	mg/kg

Analytical Maximums and Summary of Sample Locations

LOCATION	SAMPLE ID	ANALYTE	RESULT	UNIT
1141	A1141F-51-06	Potassium	1800.00	mg/kg
1141	A1141F-51-06	Selenium	0.63	mg/kg
1141	A1141F-51-06	Silver	2.20	mg/kg
1141	A1141F-51-06	Sodium	140.00	mg/kg
1141	A1141F-51-06	Thallium	1.00	mg/kg
1141	A1141F-51-06	Vanadium	12.00	mg/kg
1141	A1141F-51-06	Zinc	240.00	mg/kg
1141	A1141F-51-06	Mercury	0.21	mg/kg
1141	A1141F-51-12	Arsenic	9.20	mg/kg
1141	A1141F-51-12	Lead	18.00	mg/kg
1141	A1141F-51-18	Arsenic	13.00	mg/kg
1141	A1141F-51-18	Lead	5.90	mg/kg
1141	A1141F-51-24	Arsenic	14.00	mg/kg
1141	A1141F-51-24	Lead	5.60	mg/kg
1142	A1142B-51-00	Arsenic	12.00	mg/kg
1142	A1142B-51-00	Lead	120.00	mg/kg
1142	A1142B-51-06	Arsenic	7.30	mg/kg
1142	A1142B-51-06	Lead	67.00	mg/kg
1142	A1142B-51-12	Arsenic	5.80	mg/kg
1142	A1142B-51-12	Lead	5.50	mg/kg
1142	A1142F-51-00	Arsenic	5.00	mg/kg
1142	A1142F-51-00	Lead	12.00	mg/kg
1142	A1142F-51-06	Arsenic	5.00	mg/kg
1142	A1142F-51-06	Lead	20.00	mg/kg
1142	A1142F-51-12	Arsenic	4.00	mg/kg
1142	A1142F-51-12	Lead	7.40	mg/kg
1142	A1142F-51-18	Arsenic	3.90	mg/kg
1142	A1142F-51-18	Lead	5.90	mg/kg
1143	A1143B-51-00	Arsenic	14.00	mg/kg
1143	A1143B-51-00	Lead	120.00	mg/kg
1143	A1143B-51-06	Arsenic	17.00	mg/kg
1143	A1143B-51-06	Lead	95.00	mg/kg
1143	A1143B-51-12	Arsenic	3.40	mg/kg
1143	A1143B-51-12	Lead	9.90	mg/kg
1143	A1143F-51-00	Arsenic	9.80	mg/kg
1143	A1143F-51-00	Lead	130.00	mg/kg
1143	A1143F-51-06	Arsenic	9.80	mg/kg
1143	A1143F-51-06	Lead	93.00	mg/kg
1143	A1143F-51-12	Arsenic	2.80	mg/kg
1143	A1143F-51-12	Lead	14.00	mg/kg
1143	A1143F-51-18	Arsenic	2.40	mg/kg
1143	A1143F-51-18	Lead	7.80	mg/kg
1143	A1143F-51-24	Arsenic	2.80	mg/kg
1143	A1143F-51-24	Lead	6.90	mg/kg
1144	A1144B-51-00	Arsenic	8.90	mg/kg
1144	A1144B-51-00	Lead	120.00	mg/kg
1144	A1144B-51-06	Arsenic	8.00	mg/kg
1144	A1144B-51-06	Lead	86.00	mg/kg
1144	A1144B-51-12	Arsenic	2.60	mg/kg
1144	A1144B-51-12	Lead	7.30	mg/kg
1144	A1144F-51-00	Arsenic	9.60	mg/kg
1144	A1144F-51-00	Lead	130.00	mg/kg
1144	A1144F-51-06	Arsenic	8.10	mg/kg
1144	A1144F-51-06	Lead	59.00	mg/kg
1144	A1144F-51-12	Arsenic	5.10	mg/kg
1144	A1144F-51-12	Lead	13.00	mg/kg
1144	A1144F-51-18	Arsenic	6.20	mg/kg
1144	A1144F-51-18	Lead	7.10	mg/kg
1144	A1144F-51-24	Arsenic	7.70	mg/kg

Analytical Maximums and Summary of Sample Locations

LOCATION	SAMPLE ID	ANALYTE	RESULT	UNIT
1144	A1144F-51-24	Lead	13.00	mg/kg
1145	A1145A-51-00	Arsenic	3.10	mg/kg
1145	A1145A-51-00	Lead	16.00	mg/kg
1145	A1145A-51-06	Arsenic	6.70	mg/kg
1145	A1145A-51-06	Lead	15.00	mg/kg
1145	A1145A-51-12	Arsenic	2.20	mg/kg
1145	A1145A-51-12	Lead	4.50	mg/kg
1145	A1145A-51-18	Arsenic	5.50	mg/kg
1145	A1145A-51-18	Lead	15.00	mg/kg
1146	A1146-51-00	Arsenic	21.00	mg/kg
1146	A1146-51-00	Lead	310.00	mg/kg
1147	A1147-51-00	Arsenic	11.00	mg/kg
1147	A1147-51-00	Lead	160.00	mg/kg
1148	A1148-51-00	Arsenic	9.40	mg/kg
1148	A1148-51-00	Lead	72.00	mg/kg
1149	A1149-51-00	Arsenic	7.50	mg/kg
1149	A1149-51-00	Lead	23.00	mg/kg
1150	A1150-51-00	Arsenic	15.00	mg/kg
1150	A1150-51-00	Lead	170.00	mg/kg
1151	A1151-51-00	Arsenic	23.00	mg/kg
1151	A1151-51-00	Lead	310.00	mg/kg
1152	A1152B-51-00	Arsenic	6.50	mg/kg
1152	A1152B-51-00	Lead	76.00	mg/kg
1152	A1152B-51-06	Arsenic	8.50	mg/kg
1152	A1152B-51-06	Lead	54.00	mg/kg
1152	A1152F-51-00	Arsenic	12.00	mg/kg
1152	A1152F-51-00	Lead	190.00	mg/kg
1152	A1152F-51-06	Arsenic	5.30	mg/kg
1152	A1152F-51-06	Lead	32.00	mg/kg
1152	A1152F-51-12	Arsenic	4.50	mg/kg
1152	A1152F-51-12	Lead	21.00	mg/kg
1152	A1152F-51-18	Arsenic	4.40	mg/kg
1152	A1152F-51-18	Lead	8.40	mg/kg
1152	A1152F-51-24	Arsenic	5.10	mg/kg
1152	A1152F-51-24	Lead	7.70	mg/kg
1153	A1153F-51-00	Arsenic	9.80	mg/kg
1153	A1153F-51-00	Lead	150.00	mg/kg
1153	A1153F-51-06	Arsenic	3.70	mg/kg
1153	A1153F-51-06	Lead	6.00	mg/kg
1153	A1153F-51-12	Arsenic	5.00	mg/kg
1153	A1153F-51-12	Lead	13.00	mg/kg
1153	A1153F-51-18	Arsenic	8.80	mg/kg
1153	A1153F-51-18	Lead	46.00	mg/kg
1154	A1154B-51-00	Arsenic	11.00	mg/kg
1154	A1154B-51-00	Lead	93.00	mg/kg
1154	A1154B-51-06	Arsenic	15.00	mg/kg
1154	A1154B-51-06	Lead	75.00	mg/kg
1154	A1154F-51-00	Arsenic	8.50	mg/kg
1154	A1154F-51-00	Lead	69.00	mg/kg
1154	A1154F-51-06	Arsenic	11.00	mg/kg
1154	A1154F-51-06	Lead	44.00	mg/kg
1154	A1154F-51-12	Arsenic	7.50	mg/kg
1154	A1154F-51-12	Lead	13.00	mg/kg
1154	A1154F-51-18	Arsenic	2.50	mg/kg
1154	A1154F-51-18	Lead	3.40	mg/kg
1154	A1154F-51-24	Arsenic	6.60	mg/kg
1154	A1154F-51-24	Lead	5.10	mg/kg
1155	A1155B-51-00	Arsenic	5.50	mg/kg
1155	A1155B-51-00	Lead	66.00	mg/kg

Analytical Maximums and Summary of Sample Locations

LOCATION	SAMPLE ID	ANALYTE	RESULT	UNIT
1155	A1155B-51-06	Arsenic	6.00	mg/kg
1155	A1155B-51-06	Lead	57.00	mg/kg
1155	A1155F-51-00	Arsenic	10.00	mg/kg
1155	A1155F-51-00	Lead	200.00	mg/kg
1155	A1155F-51-06	Arsenic	5.80	mg/kg
1155	A1155F-51-06	Lead	64.00	mg/kg
1155	A1155F-51-12	Arsenic	3.40	mg/kg
1155	A1155F-51-12	Lead	21.00	mg/kg
1155	A1155F-51-18	Arsenic	5.20	mg/kg
1155	A1155F-51-18	Lead	3.90	mg/kg
1155	A1155F-51-24	Arsenic	5.20	mg/kg
1155	A1155F-51-24	Lead	3.20	mg/kg
1156	A1156A-51-00	Arsenic	5.90	mg/kg
1156	A1156A-51-00	Lead	40.00	mg/kg
1157	A1157-51-00	Arsenic	4.30	mg/kg
1157	A1157-51-00	Lead	11.00	mg/kg
1158	A1158-51-00	Arsenic	3.50	mg/kg
1158	A1158-51-00	Lead	12.00	mg/kg
1159	A1159-51-00	Arsenic	3.50	mg/kg
1159	A1159-51-00	Lead	16.00	mg/kg
1160	A1160A-51-00	Aluminum	3800.00	mg/kg
1160	A1160A-51-00	Antimony	1.90	mg/kg
1160	A1160A-51-00	Arsenic	1.90	mg/kg
1160	A1160A-51-00	Barium	92.00	mg/kg
1160	A1160A-51-00	Beryllium	0.28	mg/kg
1160	A1160A-51-00	Cadmium	0.14	mg/kg
1160	A1160A-51-00	Calcium	19000.00	mg/kg
1160	A1160A-51-00	Chromium	6.50	mg/kg
1160	A1160A-51-00	Cobalt	3.70	mg/kg
1160	A1160A-51-00	Copper	6.90	mg/kg
1160	A1160A-51-00	Iron	8500.00	mg/kg
1160	A1160A-51-00	Lead	6.30	mg/kg
1160	A1160A-51-00	Magnesium	3300.00	mg/kg
1160	A1160A-51-00	Manganese	190.00	mg/kg
1160	A1160A-51-00	Nickel	4.10	mg/kg
1160	A1160A-51-00	Potassium	970.00	mg/kg
1160	A1160A-51-00	Selenium	0.93	mg/kg
1160	A1160A-51-00	Silver	0.93	mg/kg
1160	A1160A-51-00	Sodium	910.00	mg/kg
1160	A1160A-51-00	Thallium	0.93	mg/kg
1160	A1160A-51-00	Vanadium	23.00	mg/kg
1160	A1160A-51-00	Zinc	23.00	mg/kg
1160	A1160A-51-00	Mercury	0.01	mg/kg
1161	A1161A-51-00	Aluminum	3600.00	mg/kg
1161	A1161A-51-00	Antimony	1.40	mg/kg
1161	A1161A-51-00	Arsenic	9.80	mg/kg
1161	A1161A-51-00	Barium	73.00	mg/kg
1161	A1161A-51-00	Beryllium	0.38	mg/kg
1161	A1161A-51-00	Cadmium	1.30	mg/kg
1161	A1161A-51-00	Calcium	17000.00	mg/kg
1161	A1161A-51-00	Chromium	5.10	mg/kg
1161	A1161A-51-00	Cobalt	3.40	mg/kg
1161	A1161A-51-00	Copper	80.00	mg/kg
1161	A1161A-51-00	Iron	8800.00	mg/kg
1161	A1161A-51-00	Lead	34.00	mg/kg
1161	A1161A-51-00	Magnesium	7000.00	mg/kg
1161	A1161A-51-00	Manganese	280.00	mg/kg
1161	A1161A-51-00	Nickel	4.90	mg/kg
1161	A1161A-51-00	Potassium	1100.00	mg/kg

Analytical Maximums and Summary of Sample Locations

LOCATION	SAMPLE ID	ANALYTE	RESULT	UNIT
1161	A1161A-51-00	Selenium	0.85	mg/kg
1161	A1161A-51-00	Silver	0.93	mg/kg
1161	A1161A-51-00	Sodium	910.00	mg/kg
1161	A1161A-51-00	Thallium	0.93	mg/kg
1161	A1161A-51-00	Vanadium	16.00	mg/kg
1161	A1161A-51-00	Zinc	150.00	mg/kg
1161	A1161A-51-00	Mercury	0.01	mg/kg
1162	A1162-51-00	Arsenic	14.00	mg/kg
1162	A1162-51-00	Lead	94.00	mg/kg
1163	A1163-51-00	Aluminum	8300.00	mg/kg
1163	A1163-51-00	Antimony	1.20	mg/kg
1163	A1163-51-00	Arsenic	32.00	mg/kg
1163	A1163-51-00	Barium	150.00	mg/kg
1163	A1163-51-00	Beryllium	0.49	mg/kg
1163	A1163-51-00	Cadmium	8.00	mg/kg
1163	A1163-51-00	Calcium	84000.00	mg/kg
1163	A1163-51-00	Chromium	9.00	mg/kg
1163	A1163-51-00	Cobalt	5.00	mg/kg
1163	A1163-51-00	Copper	250.00	mg/kg
1163	A1163-51-00	Iron	9700.00	mg/kg
1163	A1163-51-00	Lead	220.00	mg/kg
1163	A1163-51-00	Magnesium	14000.00	mg/kg
1163	A1163-51-00	Manganese	340.00	mg/kg
1163	A1163-51-00	Nickel	8.40	mg/kg
1163	A1163-51-00	Potassium	2300.00	mg/kg
1163	A1163-51-00	Selenium	0.47	mg/kg
1163	A1163-51-00	Silver	0.71	mg/kg
1163	A1163-51-00	Sodium	7400.00	mg/kg
1163	A1163-51-00	Thallium	1.00	mg/kg
1163	A1163-51-00	Vanadium	19.00	mg/kg
1163	A1163-51-00	Zinc	280.00	mg/kg
1163	A1163-51-00	Mercury	0.09	mg/kg
1164	A1164-51-00	Aluminum	3100.00	mg/kg
1164	A1164-51-00	Antimony	2.10	mg/kg
1164	A1164-51-00	Arsenic	3.20	mg/kg
1164	A1164-51-00	Barium	47.00	mg/kg
1164	A1164-51-00	Beryllium	0.16	mg/kg
1164	A1164-51-00	Cadmium	1.00	mg/kg
1164	A1164-51-00	Calcium	14000.00	mg/kg
1164	A1164-51-00	Chromium	6.10	mg/kg
1164	A1164-51-00	Cobalt	4.00	mg/kg
1164	A1164-51-00	Copper	21.00	mg/kg
1164	A1164-51-00	Iron	8500.00	mg/kg
1164	A1164-51-00	Lead	18.00	mg/kg
1164	A1164-51-00	Magnesium	3100.00	mg/kg
1164	A1164-51-00	Manganese	150.00	mg/kg
1164	A1164-51-00	Nickel	3.90	mg/kg
1164	A1164-51-00	Potassium	820.00	mg/kg
1164	A1164-51-00	Selenium	0.62	mg/kg
1164	A1164-51-00	Silver	1.00	mg/kg
1164	A1164-51-00	Sodium	210.00	mg/kg
1164	A1164-51-00	Thallium	1.00	mg/kg
1164	A1164-51-00	Vanadium	25.00	mg/kg
1164	A1164-51-00	Zinc	34.00	mg/kg
1164	A1164-51-00	Mercury	0.01	mg/kg
1165	A1165A-51-00	Aluminum	2000.00	mg/kg
1165	A1165A-51-00	Antimony	1.90	mg/kg
1165	A1165A-51-00	Arsenic	3.10	mg/kg
1165	A1165A-51-00	Barium	47.00	mg/kg

Analytical Maximums and Summary of Sample Locations

LOCATION	SAMPLE ID	ANALYTE	RESULT	UNIT
1165	A1165A-51-00	Beryllium	0.11	mg/kg
1165	A1165A-51-00	Cadmium	0.50	mg/kg
1165	A1165A-51-00	Calcium	12000.00	mg/kg
1165	A1165A-51-00	Chromium	4.30	mg/kg
1165	A1165A-51-00	Cobalt	2.50	mg/kg
1165	A1165A-51-00	Copper	8.30	mg/kg
1165	A1165A-51-00	Iron	6500.00	mg/kg
1165	A1165A-51-00	Lead	7.50	mg/kg
1165	A1165A-51-00	Magnesium	4000.00	mg/kg
1165	A1165A-51-00	Manganese	100.00	mg/kg
1165	A1165A-51-00	Nickel	3.40	mg/kg
1165	A1165A-51-00	Potassium	510.00	mg/kg
1165	A1165A-51-00	Selenium	0.94	mg/kg
1165	A1165A-51-00	Silver	0.94	mg/kg
1165	A1165A-51-00	Sodium	130.00	mg/kg
1165	A1165A-51-00	Thallium	0.94	mg/kg
1165	A1165A-51-00	Vanadium	18.00	mg/kg
1165	A1165A-51-00	Zinc	19.00	mg/kg
1165	A1165A-51-00	Mercury	0.02	mg/kg
1166	A1166-51-00	Arsenic	3.40	mg/kg
1166	A1166-51-00	Lead	19.00	mg/kg
1167	A1167-51-00	Arsenic	4.80	mg/kg
1167	A1167-51-00	Lead	26.00	mg/kg
1168	A1168-51-00	Arsenic	6.30	mg/kg
1168	A1168-51-00	Lead	45.00	mg/kg
1169	A1169-51-00	Arsenic	19.00	mg/kg
1169	A1169-51-00	Lead	190.00	mg/kg
1170	A1170-51-00	Arsenic	19.00	mg/kg
1170	A1170-51-00	Lead	230.00	mg/kg
1171	A1171A-51-00	Aluminum	2200.00	mg/kg
1171	A1171A-51-00	Antimony	2.10	mg/kg
1171	A1171A-51-00	Arsenic	1.20	mg/kg
1171	A1171A-51-00	Barium	80.00	mg/kg
1171	A1171A-51-00	Beryllium	0.16	mg/kg
1171	A1171A-51-00	Cadmium	0.52	mg/kg
1171	A1171A-51-00	Calcium	9600.00	mg/kg
1171	A1171A-51-00	Chromium	3.00	mg/kg
1171	A1171A-51-00	Cobalt	2.80	mg/kg
1171	A1171A-51-00	Copper	4.20	mg/kg
1171	A1171A-51-00	Iron	5200.00	mg/kg
1171	A1171A-51-00	Lead	4.00	mg/kg
1171	A1171A-51-00	Magnesium	2100.00	mg/kg
1171	A1171A-51-00	Manganese	110.00	mg/kg
1171	A1171A-51-00	Nickel	3.70	mg/kg
1171	A1171A-51-00	Potassium	470.00	mg/kg
1171	A1171A-51-00	Selenium	1.00	mg/kg
1171	A1171A-51-00	Silver	1.00	mg/kg
1171	A1171A-51-00	Sodium	230.00	mg/kg
1171	A1171A-51-00	Thallium	1.00	mg/kg
1171	A1171A-51-00	Vanadium	12.00	mg/kg
1171	A1171A-51-00	Zinc	17.00	mg/kg
1171	A1171A-51-00	Mercury	0.02	mg/kg
1172	A1172B-51-00	Arsenic	31.00	mg/kg
1172	A1172B-51-00	Lead	94.00	mg/kg
1172	A1172B-51-06	Arsenic	5.20	mg/kg
1172	A1172B-51-06	Lead	34.00	mg/kg
1172	A1172F-51-00	Arsenic	9.70	mg/kg
1172	A1172F-51-00	Lead	120.00	mg/kg
1172	A1172F-51-06	Arsenic	6.60	mg/kg

Analytical Maximums and Summary of Sample Locations

LOCATION	SAMPLE ID	ANALYTE	RESULT	UNIT
1172	A1172F-51-06	Lead	64.00	mg/kg
1172	A1172F-51-12	Arsenic	5.80	mg/kg
1172	A1172F-51-12	Lead	3.00	mg/kg
1173	A1173B-51-00	Arsenic	7.20	mg/kg
1173	A1173B-51-00	Lead	59.00	mg/kg
1173	A1173B-51-06	Arsenic	11.00	mg/kg
1173	A1173B-51-06	Lead	73.00	mg/kg
1173	A1173B-51-12	Arsenic	5.10	mg/kg
1173	A1173B-51-12	Lead	8.20	mg/kg
1173	A1173F-51-00	Arsenic	41.00	mg/kg
1173	A1173F-51-00	Lead	110.00	mg/kg
1173	A1173F-51-06	Arsenic	8.20	mg/kg
1173	A1173F-51-06	Lead	25.00	mg/kg
1173	A1173F-51-12	Arsenic	6.90	mg/kg
1173	A1173F-51-12	Lead	12.00	mg/kg
1173	A1173F-51-18	Arsenic	9.90	mg/kg
1173	A1173F-51-18	Lead	12.00	mg/kg
1173	A1173F-51-24	Arsenic	8.90	mg/kg
1173	A1173F-51-24	Lead	8.80	mg/kg
1174	A1174F-51-00	Arsenic	4.50	mg/kg
1174	A1174F-51-00	Lead	44.00	mg/kg
1174	A1174F-51-06	Aluminum	13000.00	mg/kg
1174	A1174F-51-06	Antimony	3.10	mg/kg
1174	A1174F-51-06	Arsenic	11.00	mg/kg
1174	A1174F-51-06	Barium	160.00	mg/kg
1174	A1174F-51-06	Beryllium	1.60	mg/kg
1174	A1174F-51-06	Cadmium	1.70	mg/kg
1174	A1174F-51-06	Calcium	37000.00	mg/kg
1174	A1174F-51-06	Chromium	12.00	mg/kg
1174	A1174F-51-06	Cobalt	6.50	mg/kg
1174	A1174F-51-06	Copper	65.00	mg/kg
1174	A1174F-51-06	Iron	16000.00	mg/kg
1174	A1174F-51-06	Lead	59.00	mg/kg
1174	A1174F-51-06	Magnesium	8400.00	mg/kg
1174	A1174F-51-06	Manganese	680.00	mg/kg
1174	A1174F-51-06	Nickel	13.00	mg/kg
1174	A1174F-51-06	Potassium	4700.00	mg/kg
1174	A1174F-51-06	Selenium	1.50	mg/kg
1174	A1174F-51-06	Silver	0.34	mg/kg
1174	A1174F-51-06	Sodium	480.00	mg/kg
1174	A1174F-51-06	Thallium	1.50	mg/kg
1174	A1174F-51-06	Vanadium	22.00	mg/kg
1174	A1174F-51-06	Zinc	120.00	mg/kg
1174	A1174F-51-06	Mercury	0.06	mg/kg
1174	A1174F-51-12	Arsenic	3.90	mg/kg
1174	A1174F-51-12	Lead	13.00	mg/kg
1174	A1174F-51-18	Arsenic	4.00	mg/kg
1174	A1174F-51-18	Lead	7.30	mg/kg
1175	A1175B-51-00	Arsenic	2.80	mg/kg
1175	A1175B-51-00	Lead	10.00	mg/kg
1175	A1175F-51-00	Arsenic	6.10	mg/kg
1175	A1175F-51-00	Lead	53.00	mg/kg
1175	A1175F-51-06	Arsenic	5.30	mg/kg
1175	A1175F-51-06	Lead	37.00	mg/kg
1175	A1175F-51-12	Arsenic	3.70	mg/kg
1175	A1175F-51-12	Lead	6.70	mg/kg
1175	A1175F-51-18	Arsenic	5.10	mg/kg
1175	A1175F-51-18	Lead	6.60	mg/kg
1175	A1175F-51-24	Arsenic	4.50	mg/kg

Analytical Maximums and Summary of Sample Locations

LOCATION	SAMPLE ID	ANALYTE	RESULT	UNIT
1175	A1175F-51-24	Lead	2.90	mg/kg
1176	A1176-51-00	Arsenic	11.00	mg/kg
1176	A1176-51-00	Lead	160.00	mg/kg
1177	A1177-51-00	Aluminum	14000.00	mg/kg
1177	A1177-51-00	Antimony	1.10	mg/kg
1177	A1177-51-00	Arsenic	20.00	mg/kg
1177	A1177-51-00	Barium	210.00	mg/kg
1177	A1177-51-00	Beryllium	0.78	mg/kg
1177	A1177-51-00	Cadmium	6.70	mg/kg
1177	A1177-51-00	Calcium	140000.00	mg/kg
1177	A1177-51-00	Chromium	14.00	mg/kg
1177	A1177-51-00	Cobalt	7.00	mg/kg
1177	A1177-51-00	Copper	230.00	mg/kg
1177	A1177-51-00	Iron	16000.00	mg/kg
1177	A1177-51-00	Lead	240.00	mg/kg
1177	A1177-51-00	Magnesium	52000.00	mg/kg
1177	A1177-51-00	Manganese	470.00	mg/kg
1177	A1177-51-00	Nickel	13.00	mg/kg
1177	A1177-51-00	Potassium	4100.00	mg/kg
1177	A1177-51-00	Selenium	1.50	mg/kg
1177	A1177-51-00	Silver	0.91	mg/kg
1177	A1177-51-00	Sodium	230.00	mg/kg
1177	A1177-51-00	Thallium	1.80	mg/kg
1177	A1177-51-00	Vanadium	30.00	mg/kg
1177	A1177-51-00	Zinc	200.00	mg/kg
1177	A1177-51-00	Mercury	0.09	mg/kg
1178	A1178-51-00	Aluminum	9300.00	mg/kg
1178	A1178-51-00	Antimony	1.20	mg/kg
1178	A1178-51-00	Arsenic	14.00	mg/kg
1178	A1178-51-00	Barium	110.00	mg/kg
1178	A1178-51-00	Beryllium	0.60	mg/kg
1178	A1178-51-00	Cadmium	3.60	mg/kg
1178	A1178-51-00	Calcium	73000.00	mg/kg
1178	A1178-51-00	Chromium	8.60	mg/kg
1178	A1178-51-00	Cobalt	4.30	mg/kg
1178	A1178-51-00	Copper	120.00	mg/kg
1178	A1178-51-00	Iron	11000.00	mg/kg
1178	A1178-51-00	Lead	140.00	mg/kg
1178	A1178-51-00	Magnesium	37000.00	mg/kg
1178	A1178-51-00	Manganese	290.00	mg/kg
1178	A1178-51-00	Nickel	8.90	mg/kg
1178	A1178-51-00	Potassium	2000.00	mg/kg
1178	A1178-51-00	Selenium	0.83	mg/kg
1178	A1178-51-00	Silver	0.86	mg/kg
1178	A1178-51-00	Sodium	160.00	mg/kg
1178	A1178-51-00	Thallium	1.00	mg/kg
1178	A1178-51-00	Vanadium	20.00	mg/kg
1178	A1178-51-00	Zinc	120.00	mg/kg
1178	A1178-51-00	Mercury	0.06	mg/kg
1179	A1179-51-00	Aluminum	8900.00	mg/kg
1179	A1179-51-00	Antimony	1.00	mg/kg
1179	A1179-51-00	Arsenic	13.00	mg/kg
1179	A1179-51-00	Barium	120.00	mg/kg
1179	A1179-51-00	Beryllium	0.49	mg/kg
1179	A1179-51-00	Cadmium	3.40	mg/kg
1179	A1179-51-00	Calcium	68000.00	mg/kg
1179	A1179-51-00	Chromium	8.50	mg/kg
1179	A1179-51-00	Cobalt	4.20	mg/kg
1179	A1179-51-00	Copper	130.00	mg/kg

Analytical Maximums and Summary of Sample Locations

LOCATION	SAMPLE ID	ANALYTE	RESULT	UNIT
1179	A1179-51-00	Iron	9600.00	mg/kg
1179	A1179-51-00	Lead	130.00	mg/kg
1179	A1179-51-00	Magnesium	23000.00	mg/kg
1179	A1179-51-00	Manganese	260.00	mg/kg
1179	A1179-51-00	Nickel	7.50	mg/kg
1179	A1179-51-00	Potassium	1900.00	mg/kg
1179	A1179-51-00	Selenium	0.69	mg/kg
1179	A1179-51-00	Silver	0.47	mg/kg
1179	A1179-51-00	Sodium	140.00	mg/kg
1179	A1179-51-00	Thallium	1.00	mg/kg
1179	A1179-51-00	Vanadium	19.00	mg/kg
1179	A1179-51-00	Zinc	110.00	mg/kg
1179	A1179-51-00	Mercury	0.06	mg/kg
1180	A1180B-51-00	Arsenic	3.10	mg/kg
1180	A1180B-51-00	Lead	29.00	mg/kg
1180	A1180B-51-06	Aluminum	3900.00	mg/kg
1180	A1180B-51-06	Antimony	1.80	mg/kg
1180	A1180B-51-06	Arsenic	3.30	mg/kg
1180	A1180B-51-06	Barium	44.00	mg/kg
1180	A1180B-51-06	Beryllium	0.24	mg/kg
1180	A1180B-51-06	Cadmium	0.43	mg/kg
1180	A1180B-51-06	Calcium	2300.00	mg/kg
1180	A1180B-51-06	Chromium	6.60	mg/kg
1180	A1180B-51-06	Cobalt	1.80	mg/kg
1180	A1180B-51-06	Copper	26.00	mg/kg
1180	A1180B-51-06	Iron	5300.00	mg/kg
1180	A1180B-51-06	Lead	26.00	mg/kg
1180	A1180B-51-06	Magnesium	1200.00	mg/kg
1180	A1180B-51-06	Manganese	73.00	mg/kg
1180	A1180B-51-06	Nickel	4.10	mg/kg
1180	A1180B-51-06	Potassium	1100.00	mg/kg
1180	A1180B-51-06	Selenium	0.90	mg/kg
1180	A1180B-51-06	Silver	0.41	mg/kg
1180	A1180B-51-06	Sodium	200.00	mg/kg
1180	A1180B-51-06	Thallium	0.90	mg/kg
1180	A1180B-51-06	Vanadium	9.70	mg/kg
1180	A1180B-51-06	Zinc	69.00	mg/kg
1180	A1180B-51-06	Mercury	0.08	mg/kg
1180	A1180B-51-12	Arsenic	4.20	mg/kg
1180	A1180B-51-12	Lead	6.60	mg/kg
1180	A1180F-51-00	Arsenic	4.30	mg/kg
1180	A1180F-51-00	Lead	69.00	mg/kg
1180	A1180F-51-06	Aluminum	4800.00	mg/kg
1180	A1180F-51-06	Antimony	2.20	mg/kg
1180	A1180F-51-06	Arsenic	4.30	mg/kg
1180	A1180F-51-06	Barium	82.00	mg/kg
1180	A1180F-51-06	Beryllium	0.31	mg/kg
1180	A1180F-51-06	Cadmium	1.60	mg/kg
1180	A1180F-51-06	Calcium	3600.00	mg/kg
1180	A1180F-51-06	Chromium	22.00	mg/kg
1180	A1180F-51-06	Cobalt	2.50	mg/kg
1180	A1180F-51-06	Copper	46.00	mg/kg
1180	A1180F-51-06	Iron	6700.00	mg/kg
1180	A1180F-51-06	Lead	67.00	mg/kg
1180	A1180F-51-06	Magnesium	1900.00	mg/kg
1180	A1180F-51-06	Manganese	120.00	mg/kg
1180	A1180F-51-06	Nickel	7.50	mg/kg
1180	A1180F-51-06	Potassium	1200.00	mg/kg
1180	A1180F-51-06	Selenium	1.10	mg/kg

Analytical Maximums and Summary of Sample Locations

LOCATION	SAMPLE ID	ANALYTE	RESULT	UNIT
1180	A1180F-51-06	Silver	4.20	mg/kg
1180	A1180F-51-06	Sodium	250.00	mg/kg
1180	A1180F-51-06	Thallium	1.10	mg/kg
1180	A1180F-51-06	Vanadium	13.00	mg/kg
1180	A1180F-51-06	Zinc	110.00	mg/kg
1180	A1180F-51-06	Mercury	0.50	mg/kg
1180	A1180F-51-12	Arsenic	2.70	mg/kg
1180	A1180F-51-12	Lead	31.00	mg/kg
1180	A1180F-51-18	Arsenic	2.80	mg/kg
1180	A1180F-51-18	Lead	9.50	mg/kg
1180	A1180F-51-24	Arsenic	3.60	mg/kg
1180	A1180F-51-24	Lead	6.10	mg/kg
1181	A1181B-51-00	Arsenic	8.40	mg/kg
1181	A1181B-51-00	Lead	120.00	mg/kg
1181	A1181B-51-06	Aluminum	12000.00	mg/kg
1181	A1181B-51-06	Antimony	0.64	mg/kg
1181	A1181B-51-06	Arsenic	9.10	mg/kg
1181	A1181B-51-06	Barium	120.00	mg/kg
1181	A1181B-51-06	Beryllium	1.10	mg/kg
1181	A1181B-51-06	Cadmium	1.00	mg/kg
1181	A1181B-51-06	Calcium	60000.00	mg/kg
1181	A1181B-51-06	Chromium	10.00	mg/kg
1181	A1181B-51-06	Cobalt	5.10	mg/kg
1181	A1181B-51-06	Copper	39.00	mg/kg
1181	A1181B-51-06	Iron	12000.00	mg/kg
1181	A1181B-51-06	Lead	34.00	mg/kg
1181	A1181B-51-06	Magnesium	18000.00	mg/kg
1181	A1181B-51-06	Manganese	490.00	mg/kg
1181	A1181B-51-06	Nickel	11.00	mg/kg
1181	A1181B-51-06	Potassium	3700.00	mg/kg
1181	A1181B-51-06	Selenium	0.62	mg/kg
1181	A1181B-51-06	Silver	0.21	mg/kg
1181	A1181B-51-06	Sodium	370.00	mg/kg
1181	A1181B-51-06	Thallium	1.00	mg/kg
1181	A1181B-51-06	Vanadium	22.00	mg/kg
1181	A1181B-51-06	Zinc	79.00	mg/kg
1181	A1181B-51-06	Mercury	0.06	mg/kg
1181	A1181F-51-00	Arsenic	4.60	mg/kg
1181	A1181F-51-00	Lead	83.00	mg/kg
1181	A1181F-51-06	Arsenic	5.70	mg/kg
1181	A1181F-51-06	Lead	11.00	mg/kg
1181	A1181F-51-12	Arsenic	3.50	mg/kg
1181	A1181F-51-12	Lead	9.10	mg/kg
1181	A1181F-51-18	Arsenic	2.50	mg/kg
1181	A1181F-51-18	Lead	5.60	mg/kg
1181	A1181F-51-24	Arsenic	3.10	mg/kg
1181	A1181F-51-24	Lead	6.70	mg/kg
1182	A1182B-51-00	Arsenic	7.60	mg/kg
1182	A1182B-51-00	Lead	89.00	mg/kg
1182	A1182B-51-06	Arsenic	7.30	mg/kg
1182	A1182B-51-06	Lead	55.00	mg/kg
1182	A1182B-51-12	Arsenic	3.60	mg/kg
1182	A1182B-51-12	Lead	6.90	mg/kg
1182	A1182F-51-00	Arsenic	11.00	mg/kg
1182	A1182F-51-00	Lead	110.00	mg/kg
1182	A1182F-51-06	Arsenic	18.00	mg/kg
1182	A1182F-51-06	Lead	24.00	mg/kg
1182	A1182F-51-12	Arsenic	11.00	mg/kg
1182	A1182F-51-12	Lead	6.80	mg/kg

Analytical Maximums and Summary of Sample Locations

LOCATION	SAMPLE ID	ANALYTE	RESULT	UNIT
1182	A1182F-51-18	Arsenic	6.10	mg/kg
1182	A1182F-51-18	Lead	0.96	mg/kg
1182	A1182F-51-24	Arsenic	4.70	mg/kg
1182	A1182F-51-24	Lead	0.82	mg/kg
1183	A1183-51-00	Arsenic	13.00	mg/kg
1183	A1183-51-00	Lead	150.00	mg/kg
1184	A1184-51-00	Arsenic	3.90	mg/kg
1184	A1184-51-00	Lead	20.00	mg/kg
1185	A1185-51-00	Arsenic	2.70	mg/kg
1185	A1185-51-00	Lead	10.00	mg/kg
1186	A1186A-51-00	Aluminum	3600.00	mg/kg
1186	A1186A-51-00	Antimony	0.50	mg/kg
1186	A1186A-51-00	Arsenic	3.30	mg/kg
1186	A1186A-51-00	Barium	94.00	mg/kg
1186	A1186A-51-00	Beryllium	0.24	mg/kg
1186	A1186A-51-00	Cadmium	0.23	mg/kg
1186	A1186A-51-00	Calcium	26000.00	mg/kg
1186	A1186A-51-00	Chromium	8.80	mg/kg
1186	A1186A-51-00	Cobalt	3.50	mg/kg
1186	A1186A-51-00	Copper	9.20	mg/kg
1186	A1186A-51-00	Iron	8200.00	mg/kg
1186	A1186A-51-00	Lead	15.00	mg/kg
1186	A1186A-51-00	Magnesium	9300.00	mg/kg
1186	A1186A-51-00	Manganese	150.00	mg/kg
1186	A1186A-51-00	Nickel	3.80	mg/kg
1186	A1186A-51-00	Potassium	1000.00	mg/kg
1186	A1186A-51-00	Selenium	0.44	mg/kg
1186	A1186A-51-00	Silver	0.93	mg/kg
1186	A1186A-51-00	Sodium	350.00	mg/kg
1186	A1186A-51-00	Thallium	0.93	mg/kg
1186	A1186A-51-00	Vanadium	28.00	mg/kg
1186	A1186A-51-00	Zinc	33.00	mg/kg
1186	A1186A-51-00	Mercury	0.00	mg/kg
1187	A1187A-51-00	Aluminum	3500.00	mg/kg
1187	A1187A-51-00	Antimony	1.90	mg/kg
1187	A1187A-51-00	Arsenic	4.60	mg/kg
1187	A1187A-51-00	Barium	96.00	mg/kg
1187	A1187A-51-00	Beryllium	0.14	mg/kg
1187	A1187A-51-00	Cadmium	0.88	mg/kg
1187	A1187A-51-00	Calcium	46000.00	mg/kg
1187	A1187A-51-00	Chromium	5.40	mg/kg
1187	A1187A-51-00	Cobalt	2.60	mg/kg
1187	A1187A-51-00	Copper	36.00	mg/kg
1187	A1187A-51-00	Iron	6300.00	mg/kg
1187	A1187A-51-00	Lead	34.00	mg/kg
1187	A1187A-51-00	Magnesium	7700.00	mg/kg
1187	A1187A-51-00	Manganese	120.00	mg/kg
1187	A1187A-51-00	Nickel	4.30	mg/kg
1187	A1187A-51-00	Potassium	820.00	mg/kg
1187	A1187A-51-00	Selenium	0.68	mg/kg
1187	A1187A-51-00	Silver	0.94	mg/kg
1187	A1187A-51-00	Sodium	150.00	mg/kg
1187	A1187A-51-00	Thallium	0.94	mg/kg
1187	A1187A-51-00	Vanadium	19.00	mg/kg
1187	A1187A-51-00	Zinc	55.00	mg/kg
1187	A1187A-51-00	Mercury	0.01	mg/kg
1188	A1188-51-00	Aluminum	6000.00	mg/kg
1188	A1188-51-00	Antimony	0.98	mg/kg
1188	A1188-51-00	Arsenic	39.00	mg/kg

Analytical Maximums and Summary of Sample Locations

LOCATION	SAMPLE ID	ANALYTE	RESULT	UNIT
1188	A1188-51-00	Barium	140.00	mg/kg
1188	A1188-51-00	Beryllium	0.30	mg/kg
1188	A1188-51-00	Cadmium	9.10	mg/kg
1188	A1188-51-00	Calcium	160000.00	mg/kg
1188	A1188-51-00	Chromium	6.60	mg/kg
1188	A1188-51-00	Cobalt	3.50	mg/kg
1188	A1188-51-00	Copper	330.00	mg/kg
1188	A1188-51-00	Iron	8300.00	mg/kg
1188	A1188-51-00	Lead	390.00	mg/kg
1188	A1188-51-00	Magnesium	5900.00	mg/kg
1188	A1188-51-00	Manganese	320.00	mg/kg
1188	A1188-51-00	Nickel	5.70	mg/kg
1188	A1188-51-00	Potassium	1900.00	mg/kg
1188	A1188-51-00	Selenium	1.20	mg/kg
1188	A1188-51-00	Silver	1.50	mg/kg
1188	A1188-51-00	Sodium	230.00	mg/kg
1188	A1188-51-00	Thallium	1.00	mg/kg
1188	A1188-51-00	Vanadium	19.00	mg/kg
1188	A1188-51-00	Zinc	260.00	mg/kg
1188	A1188-51-00	Mercury	0.16	mg/kg
1189	A1189-51-00	Aluminum	4400.00	mg/kg
1189	A1189-51-00	Antimony	2.10	mg/kg
1189	A1189-51-00	Arsenic	9.60	mg/kg
1189	A1189-51-00	Barium	140.00	mg/kg
1189	A1189-51-00	Beryllium	0.25	mg/kg
1189	A1189-51-00	Cadmium	11.00	mg/kg
1189	A1189-51-00	Calcium	62000.00	mg/kg
1189	A1189-51-00	Chromium	4.60	mg/kg
1189	A1189-51-00	Cobalt	2.70	mg/kg
1189	A1189-51-00	Copper	37.00	mg/kg
1189	A1189-51-00	Iron	5000.00	mg/kg
1189	A1189-51-00	Lead	51.00	mg/kg
1189	A1189-51-00	Magnesium	8500.00	mg/kg
1189	A1189-51-00	Manganese	200.00	mg/kg
1189	A1189-51-00	Nickel	5.10	mg/kg
1189	A1189-51-00	Potassium	1400.00	mg/kg
1189	A1189-51-00	Selenium	0.68	mg/kg
1189	A1189-51-00	Silver	1.00	mg/kg
1189	A1189-51-00	Sodium	1400.00	mg/kg
1189	A1189-51-00	Thallium	1.00	mg/kg
1189	A1189-51-00	Vanadium	11.00	mg/kg
1189	A1189-51-00	Zinc	94.00	mg/kg
1189	A1189-51-00	Mercury	0.67	mg/kg
1190	A1190-51-00	Arsenic	7.40	mg/kg
1190	A1190-51-00	Lead	35.00	mg/kg
1191	A1191-51-00	Arsenic	8.10	mg/kg
1191	A1191-51-00	Lead	32.00	mg/kg
1192	A1192-51-00	Aluminum	3000.00	mg/kg
1192	A1192-51-00	Antimony	2.10	mg/kg
1192	A1192-51-00	Arsenic	7.00	mg/kg
1192	A1192-51-00	Barium	130.00	mg/kg
1192	A1192-51-00	Beryllium	0.12	mg/kg
1192	A1192-51-00	Cadmium	1.60	mg/kg
1192	A1192-51-00	Calcium	37000.00	mg/kg
1192	A1192-51-00	Chromium	3.40	mg/kg
1192	A1192-51-00	Cobalt	2.70	mg/kg
1192	A1192-51-00	Copper	96.00	mg/kg
1192	A1192-51-00	Iron	4500.00	mg/kg
1192	A1192-51-00	Lead	45.00	mg/kg

Analytical Maximums and Summary of Sample Locations

LOCATION	SAMPLE ID	ANALYTE	RESULT	UNIT
1192	A1192-51-00	Magnesium	3500.00	mg/kg
1192	A1192-51-00	Manganese	200.00	mg/kg
1192	A1192-51-00	Nickel	4.40	mg/kg
1192	A1192-51-00	Potassium	860.00	mg/kg
1192	A1192-51-00	Selenium	1.00	mg/kg
1192	A1192-51-00	Silver	0.24	mg/kg
1192	A1192-51-00	Sodium	78.00	mg/kg
1192	A1192-51-00	Thallium	1.00	mg/kg
1192	A1192-51-00	Vanadium	7.70	mg/kg
1192	A1192-51-00	Zinc	69.00	mg/kg
1192	A1192-51-00	Mercury	0.02	mg/kg
1193	A1193-51-00	Aluminum	4000.00	mg/kg
1193	A1193-51-00	Antimony	2.10	mg/kg
1193	A1193-51-00	Arsenic	7.00	mg/kg
1193	A1193-51-00	Barium	170.00	mg/kg
1193	A1193-51-00	Beryllium	0.16	mg/kg
1193	A1193-51-00	Cadmium	0.98	mg/kg
1193	A1193-51-00	Calcium	59000.00	mg/kg
1193	A1193-51-00	Chromium	4.50	mg/kg
1193	A1193-51-00	Cobalt	2.80	mg/kg
1193	A1193-51-00	Copper	64.00	mg/kg
1193	A1193-51-00	Iron	5300.00	mg/kg
1193	A1193-51-00	Lead	30.00	mg/kg
1193	A1193-51-00	Magnesium	5600.00	mg/kg
1193	A1193-51-00	Manganese	380.00	mg/kg
1193	A1193-51-00	Nickel	4.80	mg/kg
1193	A1193-51-00	Potassium	1100.00	mg/kg
1193	A1193-51-00	Selenium	1.00	mg/kg
1193	A1193-51-00	Silver	1.00	mg/kg
1193	A1193-51-00	Sodium	130.00	mg/kg
1193	A1193-51-00	Thallium	1.00	mg/kg
1193	A1193-51-00	Vanadium	11.00	mg/kg
1193	A1193-51-00	Zinc	78.00	mg/kg
1193	A1193-51-00	Mercury	0.02	mg/kg
1194	A1194-51-00	Aluminum	4900.00	mg/kg
1194	A1194-51-00	Antimony	1.10	mg/kg
1194	A1194-51-00	Arsenic	27.00	mg/kg
1194	A1194-51-00	Barium	92.00	mg/kg
1194	A1194-51-00	Beryllium	0.23	mg/kg
1194	A1194-51-00	Cadmium	11.00	mg/kg
1194	A1194-51-00	Calcium	38000.00	mg/kg
1194	A1194-51-00	Chromium	8.50	mg/kg
1194	A1194-51-00	Cobalt	5.10	mg/kg
1194	A1194-51-00	Copper	320.00	mg/kg
1194	A1194-51-00	Iron	11000.00	mg/kg
1194	A1194-51-00	Lead	420.00	mg/kg
1194	A1194-51-00	Magnesium	5500.00	mg/kg
1194	A1194-51-00	Manganese	310.00	mg/kg
1194	A1194-51-00	Nickel	5.80	mg/kg
1194	A1194-51-00	Potassium	1400.00	mg/kg
1194	A1194-51-00	Selenium	1.00	mg/kg
1194	A1194-51-00	Silver	1.60	mg/kg
1194	A1194-51-00	Sodium	130.00	mg/kg
1194	A1194-51-00	Thallium	0.60	mg/kg
1194	A1194-51-00	Vanadium	27.00	mg/kg
1194	A1194-51-00	Zinc	290.00	mg/kg
1194	A1194-51-00	Mercury	0.11	mg/kg
1195	A1195-51-00	Aluminum	3000.00	mg/kg
1195	A1195-51-00	Antimony	2.00	mg/kg

Analytical Maximums and Summary of Sample Locations

LOCATION	SAMPLE ID	ANALYTE	RESULT	UNIT
1195	A1195-51-00	Arsenic	2.20	mg/kg
1195	A1195-51-00	Barium	53.00	mg/kg
1195	A1195-51-00	Beryllium	0.18	mg/kg
1195	A1195-51-00	Cadmium	0.58	mg/kg
1195	A1195-51-00	Calcium	18000.00	mg/kg
1195	A1195-51-00	Chromium	6.50	mg/kg
1195	A1195-51-00	Cobalt	4.00	mg/kg
1195	A1195-51-00	Copper	4.40	mg/kg
1195	A1195-51-00	Iron	9200.00	mg/kg
1195	A1195-51-00	Lead	6.00	mg/kg
1195	A1195-51-00	Magnesium	8200.00	mg/kg
1195	A1195-51-00	Manganese	130.00	mg/kg
1195	A1195-51-00	Nickel	3.80	mg/kg
1195	A1195-51-00	Potassium	870.00	mg/kg
1195	A1195-51-00	Selenium	0.44	mg/kg
1195	A1195-51-00	Silver	1.00	mg/kg
1195	A1195-51-00	Sodium	610.00	mg/kg
1195	A1195-51-00	Thallium	1.00	mg/kg
1195	A1195-51-00	Vanadium	29.00	mg/kg
1195	A1195-51-00	Zinc	18.00	mg/kg
1195	A1195-51-00	Mercury	0.02	mg/kg
1196	A1196A-51-00	Aluminum	2200.00	mg/kg
1196	A1196A-51-00	Antimony	2.00	mg/kg
1196	A1196A-51-00	Arsenic	2.00	mg/kg
1196	A1196A-51-00	Barium	81.00	mg/kg
1196	A1196A-51-00	Beryllium	0.09	mg/kg
1196	A1196A-51-00	Cadmium	0.26	mg/kg
1196	A1196A-51-00	Calcium	54000.00	mg/kg
1196	A1196A-51-00	Chromium	3.50	mg/kg
1196	A1196A-51-00	Cobalt	1.80	mg/kg
1196	A1196A-51-00	Copper	12.00	mg/kg
1196	A1196A-51-00	Iron	3500.00	mg/kg
1196	A1196A-51-00	Lead	16.00	mg/kg
1196	A1196A-51-00	Magnesium	13000.00	mg/kg
1196	A1196A-51-00	Manganese	120.00	mg/kg
1196	A1196A-51-00	Nickel	2.90	mg/kg
1196	A1196A-51-00	Potassium	800.00	mg/kg
1196	A1196A-51-00	Selenium	1.00	mg/kg
1196	A1196A-51-00	Silver	1.00	mg/kg
1196	A1196A-51-00	Sodium	170.00	mg/kg
1196	A1196A-51-00	Thallium	1.00	mg/kg
1196	A1196A-51-00	Vanadium	9.80	mg/kg
1196	A1196A-51-00	Zinc	39.00	mg/kg
1196	A1196A-51-00	Mercury	0.01	mg/kg
1197	A1197A-51-00	Aluminum	2300.00	mg/kg
1197	A1197A-51-00	Antimony	2.00	mg/kg
1197	A1197A-51-00	Arsenic	1.80	mg/kg
1197	A1197A-51-00	Barium	79.00	mg/kg
1197	A1197A-51-00	Beryllium	0.11	mg/kg
1197	A1197A-51-00	Cadmium	0.32	mg/kg
1197	A1197A-51-00	Calcium	18000.00	mg/kg
1197	A1197A-51-00	Chromium	3.10	mg/kg
1197	A1197A-51-00	Cobalt	2.00	mg/kg
1197	A1197A-51-00	Copper	16.00	mg/kg
1197	A1197A-51-00	Iron	3700.00	mg/kg
1197	A1197A-51-00	Lead	12.00	mg/kg
1197	A1197A-51-00	Magnesium	5800.00	mg/kg
1197	A1197A-51-00	Manganese	100.00	mg/kg
1197	A1197A-51-00	Nickel	2.60	mg/kg

Analytical Maximums and Summary of Sample Locations

LOCATION	SAMPLE ID	ANALYTE	RESULT	UNIT
1197	A1197A-51-00	Potassium	920.00	mg/kg
1197	A1197A-51-00	Selenium	1.00	mg/kg
1197	A1197A-51-00	Silver	1.00	mg/kg
1197	A1197A-51-00	Sodium	140.00	mg/kg
1197	A1197A-51-00	Thallium	1.00	mg/kg
1197	A1197A-51-00	Vanadium	11.00	mg/kg
1197	A1197A-51-00	Zinc	24.00	mg/kg
1197	A1197A-51-00	Mercury	0.01	mg/kg
1198	A1198-51-00	Arsenic	28.00	mg/kg
1198	A1198-51-00	Lead	430.00	mg/kg
1199	A1199-51-00	Arsenic	16.00	mg/kg
1199	A1199-51-00	Lead	140.00	mg/kg
1200	A1200-51-00	Arsenic	9.30	mg/kg
1200	A1200-51-00	Lead	86.00	mg/kg
1201	A1201A-51-00	Arsenic	6.70	mg/kg
1201	A1201A-51-00	Lead	69.00	mg/kg
1202	A1202B-51-00	Arsenic	10.00	mg/kg
1202	A1202B-51-00	Lead	70.00	mg/kg
1202	A1202B-51-06	Arsenic	7.50	mg/kg
1202	A1202B-51-06	Lead	29.00	mg/kg
1202	A1202F-51-00	Arsenic	9.60	mg/kg
1202	A1202F-51-00	Lead	91.00	mg/kg
1202	A1202F-51-06	Arsenic	6.10	mg/kg
1202	A1202F-51-06	Lead	74.00	mg/kg
1202	A1202F-51-12	Arsenic	2.00	mg/kg
1202	A1202F-51-12	Lead	5.10	mg/kg
1203	A1203A-51-00	Arsenic	5.30	mg/kg
1203	A1203A-51-00	Lead	62.00	mg/kg
1203	A1203B-51-00	Arsenic	7.60	mg/kg
1203	A1203B-51-00	Lead	31.00	mg/kg
1204	A1204-51-00	Aluminum	7600.00	mg/kg
1204	A1204-51-00	Antimony	1.40	mg/kg
1204	A1204-51-00	Arsenic	15.00	mg/kg
1204	A1204-51-00	Barium	100.00	mg/kg
1204	A1204-51-00	Beryllium	0.56	mg/kg
1204	A1204-51-00	Cadmium	6.00	mg/kg
1204	A1204-51-00	Calcium	84000.00	mg/kg
1204	A1204-51-00	Chromium	7.40	mg/kg
1204	A1204-51-00	Cobalt	3.90	mg/kg
1204	A1204-51-00	Copper	180.00	mg/kg
1204	A1204-51-00	Iron	8500.00	mg/kg
1204	A1204-51-00	Lead	210.00	mg/kg
1204	A1204-51-00	Magnesium	39000.00	mg/kg
1204	A1204-51-00	Manganese	320.00	mg/kg
1204	A1204-51-00	Nickel	7.30	mg/kg
1204	A1204-51-00	Potassium	2100.00	mg/kg
1204	A1204-51-00	Selenium	0.62	mg/kg
1204	A1204-51-00	Silver	0.83	mg/kg
1204	A1204-51-00	Sodium	170.00	mg/kg
1204	A1204-51-00	Thallium	1.00	mg/kg
1204	A1204-51-00	Vanadium	15.00	mg/kg
1204	A1204-51-00	Zinc	190.00	mg/kg
1204	A1204-51-00	Mercury	0.09	mg/kg
1205	A1205-51-00	Aluminum	7400.00	mg/kg
1205	A1205-51-00	Antimony	2.00	mg/kg
1205	A1205-51-00	Arsenic	11.00	mg/kg
1205	A1205-51-00	Barium	110.00	mg/kg
1205	A1205-51-00	Beryllium	0.32	mg/kg
1205	A1205-51-00	Cadmium	3.80	mg/kg

Analytical Maximums and Summary of Sample Locations

LOCATION	SAMPLE ID	ANALYTE	RESULT	UNIT
1205	A1205-51-00	Calcium	41000.00	mg/kg
1205	A1205-51-00	Chromium	5.70	mg/kg
1205	A1205-51-00	Cobalt	3.10	mg/kg
1205	A1205-51-00	Copper	140.00	mg/kg
1205	A1205-51-00	Iron	6000.00	mg/kg
1205	A1205-51-00	Lead	160.00	mg/kg
1205	A1205-51-00	Magnesium	14000.00	mg/kg
1205	A1205-51-00	Manganese	230.00	mg/kg
1205	A1205-51-00	Nickel	6.60	mg/kg
1205	A1205-51-00	Potassium	2000.00	mg/kg
1205	A1205-51-00	Selenium	1.00	mg/kg
1205	A1205-51-00	Silver	0.67	mg/kg
1205	A1205-51-00	Sodium	91.00	mg/kg
1205	A1205-51-00	Thallium	1.00	mg/kg
1205	A1205-51-00	Vanadium	8.40	mg/kg
1205	A1205-51-00	Zinc	110.00	mg/kg
1205	A1205-51-00	Mercury	0.06	mg/kg
1206	A1206-51-00	Arsenic	11.00	mg/kg
1206	A1206-51-00	Lead	140.00	mg/kg
1207	A1207-51-00	Arsenic	4.20	mg/kg
1207	A1207-51-00	Lead	18.00	mg/kg
1208	A1208-51-00	Aluminum	10000.00	mg/kg
1208	A1208-51-00	Antimony	1.40	mg/kg
1208	A1208-51-00	Arsenic	12.00	mg/kg
1208	A1208-51-00	Barium	130.00	mg/kg
1208	A1208-51-00	Beryllium	0.56	mg/kg
1208	A1208-51-00	Cadmium	4.80	mg/kg
1208	A1208-51-00	Calcium	53000.00	mg/kg
1208	A1208-51-00	Chromium	9.30	mg/kg
1208	A1208-51-00	Cobalt	4.60	mg/kg
1208	A1208-51-00	Copper	150.00	mg/kg
1208	A1208-51-00	Iron	10000.00	mg/kg
1208	A1208-51-00	Lead	180.00	mg/kg
1208	A1208-51-00	Magnesium	24000.00	mg/kg
1208	A1208-51-00	Manganese	300.00	mg/kg
1208	A1208-51-00	Nickel	8.60	mg/kg
1208	A1208-51-00	Potassium	2300.00	mg/kg
1208	A1208-51-00	Selenium	0.51	mg/kg
1208	A1208-51-00	Silver	0.66	mg/kg
1208	A1208-51-00	Sodium	140.00	mg/kg
1208	A1208-51-00	Thallium	1.00	mg/kg
1208	A1208-51-00	Vanadium	18.00	mg/kg
1208	A1208-51-00	Zinc	130.00	mg/kg
1208	A1208-51-00	Mercury	0.10	mg/kg
1209	A1209-51-00	Aluminum	9500.00	mg/kg
1209	A1209-51-00	Antimony	1.10	mg/kg
1209	A1209-51-00	Arsenic	14.00	mg/kg
1209	A1209-51-00	Barium	140.00	mg/kg
1209	A1209-51-00	Beryllium	0.55	mg/kg
1209	A1209-51-00	Cadmium	6.40	mg/kg
1209	A1209-51-00	Calcium	68000.00	mg/kg
1209	A1209-51-00	Chromium	8.30	mg/kg
1209	A1209-51-00	Cobalt	4.30	mg/kg
1209	A1209-51-00	Copper	150.00	mg/kg
1209	A1209-51-00	Iron	9500.00	mg/kg
1209	A1209-51-00	Lead	220.00	mg/kg
1209	A1209-51-00	Magnesium	22000.00	mg/kg
1209	A1209-51-00	Manganese	300.00	mg/kg
1209	A1209-51-00	Nickel	8.20	mg/kg

Analytical Maximums and Summary of Sample Locations

LOCATION	SAMPLE ID	ANALYTE	RESULT	UNIT
1209	A1209-51-00	Potassium	2500.00	mg/kg
1209	A1209-51-00	Selenium	0.53	mg/kg
1209	A1209-51-00	Silver	0.70	mg/kg
1209	A1209-51-00	Sodium	140.00	mg/kg
1209	A1209-51-00	Thallium	1.00	mg/kg
1209	A1209-51-00	Vanadium	17.00	mg/kg
1209	A1209-51-00	Zinc	170.00	mg/kg
1209	A1209-51-00	Mercury	0.10	mg/kg
1210	A1210-51-00	Arsenic	9.30	mg/kg
1210	A1210-51-00	Lead	25.00	mg/kg
1211	A1211A-51-00	Arsenic	4.20	mg/kg
1211	A1211A-51-00	Lead	8.20	mg/kg
1212	A1212B-51-00	Arsenic	2.10	mg/kg
1212	A1212B-51-00	Lead	11.00	mg/kg
1212	A1212B-51-06	Arsenic	2.60	mg/kg
1212	A1212B-51-06	Lead	8.00	mg/kg
1212	A1212F-51-00	Arsenic	2.70	mg/kg
1212	A1212F-51-00	Lead	9.60	mg/kg
1212	A1212F-51-06	Arsenic	3.00	mg/kg
1212	A1212F-51-06	Lead	7.10	mg/kg
1212	A1212F-51-12	Arsenic	3.90	mg/kg
1212	A1212F-51-12	Lead	7.50	mg/kg
1212	A1212F-51-18	Arsenic	3.70	mg/kg
1212	A1212F-51-18	Lead	7.60	mg/kg
1212	A1212F-51-24	Arsenic	2.90	mg/kg
1212	A1212F-51-24	Lead	3.80	mg/kg
1213	A1213-51-00	Arsenic	13.00	mg/kg
1213	A1213-51-00	Lead	120.00	mg/kg
1214	A1214A-51-00	Aluminum	6300.00	mg/kg
1214	A1214A-51-00	Antimony	2.30	mg/kg
1214	A1214A-51-00	Arsenic	9.10	mg/kg
1214	A1214A-51-00	Barium	170.00	mg/kg
1214	A1214A-51-00	Beryllium	0.32	mg/kg
1214	A1214A-51-00	Cadmium	4.00	mg/kg
1214	A1214A-51-00	Calcium	48000.00	mg/kg
1214	A1214A-51-00	Chromium	7.50	mg/kg
1214	A1214A-51-00	Cobalt	4.10	mg/kg
1214	A1214A-51-00	Copper	93.00	mg/kg
1214	A1214A-51-00	Iron	9700.00	mg/kg
1214	A1214A-51-00	Lead	110.00	mg/kg
1214	A1214A-51-00	Magnesium	12000.00	mg/kg
1214	A1214A-51-00	Manganese	290.00	mg/kg
1214	A1214A-51-00	Nickel	6.30	mg/kg
1214	A1214A-51-00	Potassium	1900.00	mg/kg
1214	A1214A-51-00	Selenium	1.10	mg/kg
1214	A1214A-51-00	Silver	0.45	mg/kg
1214	A1214A-51-00	Sodium	460.00	mg/kg
1214	A1214A-51-00	Thallium	0.73	mg/kg
1214	A1214A-51-00	Vanadium	24.00	mg/kg
1214	A1214A-51-00	Zinc	100.00	mg/kg
1214	A1214A-51-00	Mercury	0.03	mg/kg
1215	A1215-51-00	Arsenic	16.00	mg/kg
1215	A1215-51-00	Lead	140.00	mg/kg
1216	A1216-51-00	Arsenic	13.00	mg/kg
1216	A1216-51-00	Lead	230.00	mg/kg
1217	A1217-51-00	Arsenic	3.60	mg/kg
1217	A1217-51-00	Lead	36.00	mg/kg
1218	A1218A-51-00	Aluminum	4400.00	mg/kg
1218	A1218A-51-00	Antimony	2.10	mg/kg

Analytical Maximums and Summary of Sample Locations

LOCATION	SAMPLE ID	ANALYTE	RESULT	UNIT
1218	A1218A-51-00	Arsenic	1.90	mg/kg
1218	A1218A-51-00	Barium	42.00	mg/kg
1218	A1218A-51-00	Beryllium	0.37	mg/kg
1218	A1218A-51-00	Cadmium	0.11	mg/kg
1218	A1218A-51-00	Calcium	11000.00	mg/kg
1218	A1218A-51-00	Chromium	4.70	mg/kg
1218	A1218A-51-00	Cobalt	3.00	mg/kg
1218	A1218A-51-00	Copper	11.00	mg/kg
1218	A1218A-51-00	Iron	5400.00	mg/kg
1218	A1218A-51-00	Lead	6.80	mg/kg
1218	A1218A-51-00	Magnesium	3500.00	mg/kg
1218	A1218A-51-00	Manganese	120.00	mg/kg
1218	A1218A-51-00	Nickel	4.10	mg/kg
1218	A1218A-51-00	Potassium	1600.00	mg/kg
1218	A1218A-51-00	Selenium	1.00	mg/kg
1218	A1218A-51-00	Silver	1.00	mg/kg
1218	A1218A-51-00	Sodium	780.00	mg/kg
1218	A1218A-51-00	Thallium	1.00	mg/kg
1218	A1218A-51-00	Vanadium	14.00	mg/kg
1218	A1218A-51-00	Zinc	23.00	mg/kg
1218	A1218A-51-00	Mercury	0.00	mg/kg
1219	A1219-51-00	Aluminum	4700.00	mg/kg
1219	A1219-51-00	Antimony	1.90	mg/kg
1219	A1219-51-00	Arsenic	8.80	mg/kg
1219	A1219-51-00	Barium	110.00	mg/kg
1219	A1219-51-00	Beryllium	0.24	mg/kg
1219	A1219-51-00	Cadmium	3.40	mg/kg
1219	A1219-51-00	Calcium	34000.00	mg/kg
1219	A1219-51-00	Chromium	6.60	mg/kg
1219	A1219-51-00	Cobalt	3.50	mg/kg
1219	A1219-51-00	Copper	120.00	mg/kg
1219	A1219-51-00	Iron	8100.00	mg/kg
1219	A1219-51-00	Lead	110.00	mg/kg
1219	A1219-51-00	Magnesium	8800.00	mg/kg
1219	A1219-51-00	Manganese	230.00	mg/kg
1219	A1219-51-00	Nickel	5.30	mg/kg
1219	A1219-51-00	Potassium	1400.00	mg/kg
1219	A1219-51-00	Selenium	0.52	mg/kg
1219	A1219-51-00	Silver	0.51	mg/kg
1219	A1219-51-00	Sodium	140.00	mg/kg
1219	A1219-51-00	Thallium	0.94	mg/kg
1219	A1219-51-00	Vanadium	19.00	mg/kg
1219	A1219-51-00	Zinc	94.00	mg/kg
1219	A1219-51-00	Mercury	0.04	mg/kg
1220	A1220-51-00	Aluminum	6700.00	mg/kg
1220	A1220-51-00	Antimony	2.00	mg/kg
1220	A1220-51-00	Arsenic	6.00	mg/kg
1220	A1220-51-00	Barium	260.00	mg/kg
1220	A1220-51-00	Beryllium	0.27	mg/kg
1220	A1220-51-00	Cadmium	1.50	mg/kg
1220	A1220-51-00	Calcium	40000.00	mg/kg
1220	A1220-51-00	Chromium	8.60	mg/kg
1220	A1220-51-00	Cobalt	5.70	mg/kg
1220	A1220-51-00	Copper	31.00	mg/kg
1220	A1220-51-00	Iron	12000.00	mg/kg
1220	A1220-51-00	Lead	29.00	mg/kg
1220	A1220-51-00	Magnesium	6300.00	mg/kg
1220	A1220-51-00	Manganese	250.00	mg/kg
1220	A1220-51-00	Nickel	5.50	mg/kg

Analytical Maximums and Summary of Sample Locations

LOCATION	SAMPLE ID	ANALYTE	RESULT	UNIT
1220	A1220-51-00	Potassium	1300.00	mg/kg
1220	A1220-51-00	Selenium	1.00	mg/kg
1220	A1220-51-00	Silver	1.00	mg/kg
1220	A1220-51-00	Sodium	140.00	mg/kg
1220	A1220-51-00	Thallium	1.00	mg/kg
1220	A1220-51-00	Vanadium	37.00	mg/kg
1220	A1220-51-00	Zinc	39.00	mg/kg
1220	A1220-51-00	Mercury	0.01	mg/kg
1221	A1221A-51-00	Aluminum	3100.00	mg/kg
1221	A1221A-51-00	Antimony	2.00	mg/kg
1221	A1221A-51-00	Arsenic	5.10	mg/kg
1221	A1221A-51-00	Barium	85.00	mg/kg
1221	A1221A-51-00	Beryllium	0.11	mg/kg
1221	A1221A-51-00	Cadmium	0.57	mg/kg
1221	A1221A-51-00	Calcium	49000.00	mg/kg
1221	A1221A-51-00	Chromium	3.70	mg/kg
1221	A1221A-51-00	Cobalt	2.90	mg/kg
1221	A1221A-51-00	Copper	28.00	mg/kg
1221	A1221A-51-00	Iron	4800.00	mg/kg
1221	A1221A-51-00	Lead	21.00	mg/kg
1221	A1221A-51-00	Magnesium	4900.00	mg/kg
1221	A1221A-51-00	Manganese	170.00	mg/kg
1221	A1221A-51-00	Nickel	3.90	mg/kg
1221	A1221A-51-00	Potassium	1000.00	mg/kg
1221	A1221A-51-00	Selenium	0.46	mg/kg
1221	A1221A-51-00	Silver	1.00	mg/kg
1221	A1221A-51-00	Sodium	1400.00	mg/kg
1221	A1221A-51-00	Thallium	1.00	mg/kg
1221	A1221A-51-00	Vanadium	12.00	mg/kg
1221	A1221A-51-00	Zinc	40.00	mg/kg
1221	A1221A-51-00	Mercury	0.01	mg/kg
1222	A1222-51-00	Aluminum	4300.00	mg/kg
1222	A1222-51-00	Antimony	2.00	mg/kg
1222	A1222-51-00	Arsenic	12.00	mg/kg
1222	A1222-51-00	Barium	270.00	mg/kg
1222	A1222-51-00	Beryllium	0.21	mg/kg
1222	A1222-51-00	Cadmium	0.92	mg/kg
1222	A1222-51-00	Calcium	60000.00	mg/kg
1222	A1222-51-00	Chromium	4.60	mg/kg
1222	A1222-51-00	Cobalt	3.20	mg/kg
1222	A1222-51-00	Copper	40.00	mg/kg
1222	A1222-51-00	Iron	6700.00	mg/kg
1222	A1222-51-00	Lead	39.00	mg/kg
1222	A1222-51-00	Magnesium	6300.00	mg/kg
1222	A1222-51-00	Manganese	1100.00	mg/kg
1222	A1222-51-00	Nickel	5.10	mg/kg
1222	A1222-51-00	Potassium	1200.00	mg/kg
1222	A1222-51-00	Selenium	0.62	mg/kg
1222	A1222-51-00	Silver	0.32	mg/kg
1222	A1222-51-00	Sodium	130.00	mg/kg
1222	A1222-51-00	Thallium	0.08	mg/kg
1222	A1222-51-00	Vanadium	26.00	mg/kg
1222	A1222-51-00	Zinc	45.00	mg/kg
1222	A1222-51-00	Mercury	0.02	mg/kg
1223	A1223F-51-00	Arsenic	5.50	mg/kg
1223	A1223F-51-00	Lead	26.00	mg/kg
1223	A1223F-51-06	Arsenic	4.70	mg/kg
1223	A1223F-51-06	Lead	22.00	mg/kg
1223	A1223F-51-12	Arsenic	14.00	mg/kg

Analytical Maximums and Summary of Sample Locations

LOCATION	SAMPLE ID	ANALYTE	RESULT	UNIT
1223	A1223F-51-12	Lead	89.00	mg/kg
1224	A1224-51-00	Arsenic	7.80	mg/kg
1224	A1224-51-00	Lead	35.00	mg/kg
1225	A1225B-51-00	Arsenic	38.00	mg/kg
1225	A1225B-51-00	Lead	270.00	mg/kg
1225	A1225B-51-06	Arsenic	21.00	mg/kg
1225	A1225B-51-06	Lead	200.00	mg/kg
1225	A1225B-51-12	Arsenic	44.00	mg/kg
1225	A1225B-51-12	Lead	290.00	mg/kg
1225	A1225F-51-00	Arsenic	41.00	mg/kg
1225	A1225F-51-00	Lead	160.00	mg/kg
1225	A1225F-51-06	Arsenic	22.00	mg/kg
1225	A1225F-51-06	Lead	210.00	mg/kg
1225	A1225F-51-12	Arsenic	3.50	mg/kg
1225	A1225F-51-12	Lead	7.90	mg/kg
1225	A1225F-51-18	Arsenic	1.40	mg/kg
1225	A1225F-51-18	Lead	3.80	mg/kg
1226	A1226F-51-00	Arsenic	5.30	mg/kg
1226	A1226F-51-00	Lead	32.00	mg/kg
1226	A1226F-51-06	Arsenic	13.00	mg/kg
1226	A1226F-51-06	Lead	31.00	mg/kg
1226	A1226F-51-12	Arsenic	4.50	mg/kg
1226	A1226F-51-12	Lead	5.20	mg/kg
1226	A1226F-51-18	Arsenic	11.00	mg/kg
1226	A1226F-51-18	Lead	6.10	mg/kg
1226	A1226F-51-24	Arsenic	12.00	mg/kg
1226	A1226F-51-24	Lead	7.60	mg/kg
1227	A1227A-51-00	Aluminum	10000.00	mg/kg
1227	A1227A-51-00	Antimony	1.90	mg/kg
1227	A1227A-51-00	Arsenic	4.30	mg/kg
1227	A1227A-51-00	Barium	150.00	mg/kg
1227	A1227A-51-00	Beryllium	0.65	mg/kg
1227	A1227A-51-00	Cadmium	1.10	mg/kg
1227	A1227A-51-00	Calcium	29000.00	mg/kg
1227	A1227A-51-00	Chromium	9.90	mg/kg
1227	A1227A-51-00	Cobalt	5.20	mg/kg
1227	A1227A-51-00	Copper	24.00	mg/kg
1227	A1227A-51-00	Iron	13000.00	mg/kg
1227	A1227A-51-00	Lead	15.00	mg/kg
1227	A1227A-51-00	Magnesium	6200.00	mg/kg
1227	A1227A-51-00	Manganese	370.00	mg/kg
1227	A1227A-51-00	Nickel	8.80	mg/kg
1227	A1227A-51-00	Potassium	2100.00	mg/kg
1227	A1227A-51-00	Selenium	0.93	mg/kg
1227	A1227A-51-00	Silver	0.93	mg/kg
1227	A1227A-51-00	Sodium	610.00	mg/kg
1227	A1227A-51-00	Thallium	0.93	mg/kg
1227	A1227A-51-00	Vanadium	28.00	mg/kg
1227	A1227A-51-00	Zinc	37.00	mg/kg
1227	A1227A-51-00	Mercury	0.01	mg/kg
1228	A1228-51-00	Aluminum	4600.00	mg/kg
1228	A1228-51-00	Antimony	2.10	mg/kg
1228	A1228-51-00	Arsenic	13.00	mg/kg
1228	A1228-51-00	Barium	140.00	mg/kg
1228	A1228-51-00	Beryllium	0.18	mg/kg
1228	A1228-51-00	Cadmium	4.40	mg/kg
1228	A1228-51-00	Calcium	58000.00	mg/kg
1228	A1228-51-00	Chromium	4.30	mg/kg
1228	A1228-51-00	Cobalt	3.30	mg/kg

Analytical Maximums and Summary of Sample Locations

LOCATION	SAMPLE ID	ANALYTE	RESULT	UNIT
1228	A1228-51-00	Copper	150.00	mg/kg
1228	A1228-51-00	Iron	4600.00	mg/kg
1228	A1228-51-00	Lead	140.00	mg/kg
1228	A1228-51-00	Magnesium	13000.00	mg/kg
1228	A1228-51-00	Manganese	400.00	mg/kg
1228	A1228-51-00	Nickel	5.00	mg/kg
1228	A1228-51-00	Potassium	1500.00	mg/kg
1228	A1228-51-00	Selenium	0.51	mg/kg
1228	A1228-51-00	Silver	0.66	mg/kg
1228	A1228-51-00	Sodium	1300.00	mg/kg
1228	A1228-51-00	Thallium	0.77	mg/kg
1228	A1228-51-00	Vanadium	11.00	mg/kg
1228	A1228-51-00	Zinc	140.00	mg/kg
1228	A1228-51-00	Mercury	0.03	mg/kg
1229	A1229-51-00	Aluminum	1900.00	mg/kg
1229	A1229-51-00	Antimony	2.10	mg/kg
1229	A1229-51-00	Arsenic	2.20	mg/kg
1229	A1229-51-00	Barium	62.00	mg/kg
1229	A1229-51-00	Beryllium	0.43	mg/kg
1229	A1229-51-00	Cadmium	0.48	mg/kg
1229	A1229-51-00	Calcium	16000.00	mg/kg
1229	A1229-51-00	Chromium	2.60	mg/kg
1229	A1229-51-00	Cobalt	1.80	mg/kg
1229	A1229-51-00	Copper	16.00	mg/kg
1229	A1229-51-00	Iron	3300.00	mg/kg
1229	A1229-51-00	Lead	22.00	mg/kg
1229	A1229-51-00	Magnesium	4500.00	mg/kg
1229	A1229-51-00	Manganese	130.00	mg/kg
1229	A1229-51-00	Nickel	2.60	mg/kg
1229	A1229-51-00	Potassium	770.00	mg/kg
1229	A1229-51-00	Selenium	1.10	mg/kg
1229	A1229-51-00	Silver	1.10	mg/kg
1229	A1229-51-00	Sodium	1100.00	mg/kg
1229	A1229-51-00	Thallium	1.10	mg/kg
1229	A1229-51-00	Vanadium	8.10	mg/kg
1229	A1229-51-00	Zinc	57.00	mg/kg
1229	A1229-51-00	Mercury	0.01	mg/kg
1230	A1230A-51-00	Aluminum	6000.00	mg/kg
1230	A1230A-51-00	Antimony	1.90	mg/kg
1230	A1230A-51-00	Arsenic	5.20	mg/kg
1230	A1230A-51-00	Barium	97.00	mg/kg
1230	A1230A-51-00	Beryllium	0.24	mg/kg
1230	A1230A-51-00	Cadmium	2.00	mg/kg
1230	A1230A-51-00	Calcium	24000.00	mg/kg
1230	A1230A-51-00	Chromium	8.50	mg/kg
1230	A1230A-51-00	Cobalt	5.10	mg/kg
1230	A1230A-51-00	Copper	56.00	mg/kg
1230	A1230A-51-00	Iron	12000.00	mg/kg
1230	A1230A-51-00	Lead	40.00	mg/kg
1230	A1230A-51-00	Magnesium	8400.00	mg/kg
1230	A1230A-51-00	Manganese	250.00	mg/kg
1230	A1230A-51-00	Nickel	5.10	mg/kg
1230	A1230A-51-00	Potassium	1300.00	mg/kg
1230	A1230A-51-00	Selenium	0.94	mg/kg
1230	A1230A-51-00	Silver	0.20	mg/kg
1230	A1230A-51-00	Sodium	110.00	mg/kg
1230	A1230A-51-00	Thallium	0.94	mg/kg
1230	A1230A-51-00	Vanadium	31.00	mg/kg
1230	A1230A-51-00	Zinc	52.00	mg/kg

Analytical Maximums and Summary of Sample Locations

LOCATION	SAMPLE ID	ANALYTE	RESULT	UNIT
1230	A1230A-51-00	Mercury	0.02	mg/kg
1231	A1231-51-00	Aluminum	3900.00	mg/kg
1231	A1231-51-00	Antimony	1.90	mg/kg
1231	A1231-51-00	Arsenic	2.70	mg/kg
1231	A1231-51-00	Barium	120.00	mg/kg
1231	A1231-51-00	Beryllium	0.20	mg/kg
1231	A1231-51-00	Cadmium	1.40	mg/kg
1231	A1231-51-00	Calcium	9800.00	mg/kg
1231	A1231-51-00	Chromium	8.70	mg/kg
1231	A1231-51-00	Cobalt	5.60	mg/kg
1231	A1231-51-00	Copper	28.00	mg/kg
1231	A1231-51-00	Iron	13000.00	mg/kg
1231	A1231-51-00	Lead	26.00	mg/kg
1231	A1231-51-00	Magnesium	2800.00	mg/kg
1231	A1231-51-00	Manganese	200.00	mg/kg
1231	A1231-51-00	Nickel	4.60	mg/kg
1231	A1231-51-00	Potassium	830.00	mg/kg
1231	A1231-51-00	Selenium	0.94	mg/kg
1231	A1231-51-00	Silver	0.94	mg/kg
1231	A1231-51-00	Sodium	100.00	mg/kg
1231	A1231-51-00	Thallium	0.94	mg/kg
1231	A1231-51-00	Vanadium	38.00	mg/kg
1231	A1231-51-00	Zinc	40.00	mg/kg
1231	A1231-51-00	Mercury	0.00	mg/kg
1232	A1232-51-00	Arsenic	13.00	mg/kg
1232	A1232-51-00	Lead	83.00	mg/kg
1233	A1233-51-00	Arsenic	18.00	mg/kg
1233	A1233-51-00	Lead	230.00	mg/kg
1234	A1234-51-00	Arsenic	9.60	mg/kg
1234	A1234-51-00	Lead	58.00	mg/kg
1235	A1235-51-00	Arsenic	6.30	mg/kg
1235	A1235-51-00	Lead	14.00	mg/kg
1236	A1236F-51-00	Arsenic	3.00	mg/kg
1236	A1236F-51-00	Lead	22.00	mg/kg
1236	A1236F-51-06	Arsenic	7.10	mg/kg
1236	A1236F-51-06	Lead	15.00	mg/kg
1236	A1236F-51-12	Arsenic	4.70	mg/kg
1236	A1236F-51-12	Lead	8.30	mg/kg
1236	A1236F-51-18	Arsenic	3.30	mg/kg
1236	A1236F-51-18	Lead	5.40	mg/kg
1236	A1236F-51-24	Arsenic	3.70	mg/kg
1236	A1236F-51-24	Lead	14.00	mg/kg
1237	A1237A-51-00	Arsenic	2.20	mg/kg
1237	A1237A-51-00	Lead	6.90	mg/kg
1238	A1238B-51-00	Arsenic	2.20	mg/kg
1238	A1238B-51-00	Lead	6.60	mg/kg
1238	A1238B-51-06	Arsenic	2.00	mg/kg
1238	A1238B-51-06	Lead	4.60	mg/kg
1238	A1238F-51-00	Arsenic	3.90	mg/kg
1238	A1238F-51-00	Lead	6.80	mg/kg
1238	A1238F-51-06	Arsenic	2.20	mg/kg
1238	A1238F-51-06	Lead	5.40	mg/kg
1238	A1238F-51-12	Arsenic	3.50	mg/kg
1238	A1238F-51-12	Lead	2.90	mg/kg
1238	A1238F-51-18	Arsenic	4.10	mg/kg
1238	A1238F-51-18	Lead	3.40	mg/kg
1239	A1239-51-00	Arsenic	9.30	mg/kg
1239	A1239-51-00	Lead	21.00	mg/kg
1240	A1240-51-00	Arsenic	9.20	mg/kg

Analytical Maximums and Summary of Sample Locations

LOCATION	SAMPLE ID	ANALYTE	RESULT	UNIT
1240	A1240-51-00	Lead	110.00	mg/kg
1241	A1241-51-00	Arsenic	8.60	mg/kg
1241	A1241-51-00	Lead	58.00	mg/kg
1242	A1242-51-00	Aluminum	6800.00	mg/kg
1242	A1242-51-00	Antimony	2.00	mg/kg
1242	A1242-51-00	Arsenic	6.00	mg/kg
1242	A1242-51-00	Barium	100.00	mg/kg
1242	A1242-51-00	Beryllium	0.29	mg/kg
1242	A1242-51-00	Cadmium	2.70	mg/kg
1242	A1242-51-00	Calcium	85000.00	mg/kg
1242	A1242-51-00	Chromium	5.00	mg/kg
1242	A1242-51-00	Cobalt	2.90	mg/kg
1242	A1242-51-00	Copper	90.00	mg/kg
1242	A1242-51-00	Iron	5200.00	mg/kg
1242	A1242-51-00	Lead	98.00	mg/kg
1242	A1242-51-00	Magnesium	39000.00	mg/kg
1242	A1242-51-00	Manganese	230.00	mg/kg
1242	A1242-51-00	Nickel	6.10	mg/kg
1242	A1242-51-00	Potassium	2000.00	mg/kg
1242	A1242-51-00	Selenium	0.67	mg/kg
1242	A1242-51-00	Silver	0.55	mg/kg
1242	A1242-51-00	Sodium	120.00	mg/kg
1242	A1242-51-00	Thallium	1.00	mg/kg
1242	A1242-51-00	Vanadium	8.20	mg/kg
1242	A1242-51-00	Zinc	82.00	mg/kg
1242	A1242-51-00	Mercury	0.05	mg/kg
1243	A1243-51-00	Aluminum	8100.00	mg/kg
1243	A1243-51-00	Antimony	0.49	mg/kg
1243	A1243-51-00	Arsenic	6.70	mg/kg
1243	A1243-51-00	Barium	110.00	mg/kg
1243	A1243-51-00	Beryllium	0.46	mg/kg
1243	A1243-51-00	Cadmium	2.20	mg/kg
1243	A1243-51-00	Calcium	75000.00	mg/kg
1243	A1243-51-00	Chromium	6.80	mg/kg
1243	A1243-51-00	Cobalt	3.30	mg/kg
1243	A1243-51-00	Copper	61.00	mg/kg
1243	A1243-51-00	Iron	8500.00	mg/kg
1243	A1243-51-00	Lead	59.00	mg/kg
1243	A1243-51-00	Magnesium	28000.00	mg/kg
1243	A1243-51-00	Manganese	240.00	mg/kg
1243	A1243-51-00	Nickel	6.70	mg/kg
1243	A1243-51-00	Potassium	2100.00	mg/kg
1243	A1243-51-00	Selenium	0.94	mg/kg
1243	A1243-51-00	Silver	0.23	mg/kg
1243	A1243-51-00	Sodium	130.00	mg/kg
1243	A1243-51-00	Thallium	0.94	mg/kg
1243	A1243-51-00	Vanadium	16.00	mg/kg
1243	A1243-51-00	Zinc	60.00	mg/kg
1243	A1243-51-00	Mercury	0.03	mg/kg
1244	A1244B-51-00	Arsenic	2.10	mg/kg
1244	A1244B-51-00	Lead	27.00	mg/kg
1244	A1244F-51-00	Arsenic	2.80	mg/kg
1244	A1244F-51-00	Lead	37.00	mg/kg
1245	A1245-51-00	Arsenic	8.40	mg/kg
1245	A1245-51-00	Lead	130.00	mg/kg
1246	A1246-51-00	Arsenic	4.60	mg/kg
1246	A1246-51-00	Lead	41.00	mg/kg
1247	A1247-51-00	Arsenic	11.00	mg/kg
1247	A1247-51-00	Lead	100.00	mg/kg

Analytical Maximums and Summary of Sample Locations

LOCATION	SAMPLE ID	ANALYTE	RESULT	UNIT
1248	A1248-51-00	Arsenic	13.00	mg/kg
1248	A1248-51-00	Lead	170.00	mg/kg
1249	A1249A-51-00	Aluminum	7000.00	mg/kg
1249	A1249A-51-00	Antimony	1.20	mg/kg
1249	A1249A-51-00	Arsenic	19.00	mg/kg
1249	A1249A-51-00	Barium	170.00	mg/kg
1249	A1249A-51-00	Beryllium	0.38	mg/kg
1249	A1249A-51-00	Cadmium	8.90	mg/kg
1249	A1249A-51-00	Calcium	51000.00	mg/kg
1249	A1249A-51-00	Chromium	9.10	mg/kg
1249	A1249A-51-00	Cobalt	4.70	mg/kg
1249	A1249A-51-00	Copper	270.00	mg/kg
1249	A1249A-51-00	Iron	11000.00	mg/kg
1249	A1249A-51-00	Lead	360.00	mg/kg
1249	A1249A-51-00	Magnesium	12000.00	mg/kg
1249	A1249A-51-00	Manganese	550.00	mg/kg
1249	A1249A-51-00	Nickel	7.80	mg/kg
1249	A1249A-51-00	Potassium	1900.00	mg/kg
1249	A1249A-51-00	Selenium	1.20	mg/kg
1249	A1249A-51-00	Silver	1.70	mg/kg
1249	A1249A-51-00	Sodium	130.00	mg/kg
1249	A1249A-51-00	Thallium	0.98	mg/kg
1249	A1249A-51-00	Vanadium	22.00	mg/kg
1249	A1249A-51-00	Zinc	250.00	mg/kg
1249	A1249A-51-00	Mercury	0.12	mg/kg
1250	A1250A-51-00	Aluminum	4200.00	mg/kg
1250	A1250A-51-00	Antimony	1.90	mg/kg
1250	A1250A-51-00	Arsenic	7.40	mg/kg
1250	A1250A-51-00	Barium	130.00	mg/kg
1250	A1250A-51-00	Beryllium	0.23	mg/kg
1250	A1250A-51-00	Cadmium	2.80	mg/kg
1250	A1250A-51-00	Calcium	38000.00	mg/kg
1250	A1250A-51-00	Chromium	5.80	mg/kg
1250	A1250A-51-00	Cobalt	3.20	mg/kg
1250	A1250A-51-00	Copper	90.00	mg/kg
1250	A1250A-51-00	Iron	7400.00	mg/kg
1250	A1250A-51-00	Lead	100.00	mg/kg
1250	A1250A-51-00	Magnesium	12000.00	mg/kg
1250	A1250A-51-00	Manganese	290.00	mg/kg
1250	A1250A-51-00	Nickel	5.00	mg/kg
1250	A1250A-51-00	Potassium	1200.00	mg/kg
1250	A1250A-51-00	Selenium	0.94	mg/kg
1250	A1250A-51-00	Silver	0.47	mg/kg
1250	A1250A-51-00	Sodium	110.00	mg/kg
1250	A1250A-51-00	Thallium	0.94	mg/kg
1250	A1250A-51-00	Vanadium	17.00	mg/kg
1250	A1250A-51-00	Zinc	91.00	mg/kg
1250	A1250A-51-00	Mercury	0.03	mg/kg
1251	A1251-51-00	Aluminum	8400.00	mg/kg
1251	A1251-51-00	Antimony	2.30	mg/kg
1251	A1251-51-00	Arsenic	29.00	mg/kg
1251	A1251-51-00	Barium	190.00	mg/kg
1251	A1251-51-00	Beryllium	0.43	mg/kg
1251	A1251-51-00	Cadmium	11.00	mg/kg
1251	A1251-51-00	Calcium	58000.00	mg/kg
1251	A1251-51-00	Chromium	9.80	mg/kg
1251	A1251-51-00	Cobalt	5.20	mg/kg
1251	A1251-51-00	Copper	370.00	mg/kg
1251	A1251-51-00	Iron	11000.00	mg/kg

Analytical Maximums and Summary of Sample Locations

LOCATION	SAMPLE ID	ANALYTE	RESULT	UNIT
1251	A1251-51-00	Lead	460.00	mg/kg
1251	A1251-51-00	Magnesium	14000.00	mg/kg
1251	A1251-51-00	Manganese	750.00	mg/kg
1251	A1251-51-00	Nickel	8.70	mg/kg
1251	A1251-51-00	Potassium	2200.00	mg/kg
1251	A1251-51-00	Selenium	1.20	mg/kg
1251	A1251-51-00	Silver	2.00	mg/kg
1251	A1251-51-00	Sodium	140.00	mg/kg
1251	A1251-51-00	Thallium	1.40	mg/kg
1251	A1251-51-00	Vanadium	22.00	mg/kg
1251	A1251-51-00	Zinc	290.00	mg/kg
1251	A1251-51-00	Mercury	0.18	mg/kg
1252	A1252A-51-00	Arsenic	13.00	mg/kg
1252	A1252A-51-00	Lead	160.00	mg/kg
1253	A1253B-51-00	Arsenic	10.00	mg/kg
1253	A1253B-51-00	Lead	160.00	mg/kg
1253	A1253F-51-00	Arsenic	2.50	mg/kg
1253	A1253F-51-00	Lead	17.00	mg/kg
1253	A1253F-51-06	Arsenic	0.91	mg/kg
1253	A1253F-51-06	Lead	4.20	mg/kg
1253	A1253F-51-12	Arsenic	6.60	mg/kg
1253	A1253F-51-12	Lead	71.00	mg/kg
1253	A1253F-51-18	Arsenic	14.00	mg/kg
1253	A1253F-51-18	Lead	34.00	mg/kg
1253	A1253F-51-24	Arsenic	12.00	mg/kg
1253	A1253F-51-24	Lead	5.20	mg/kg
1254	A1254-51-00	Aluminum	3000.00	mg/kg
1254	A1254-51-00	Antimony	0.72	mg/kg
1254	A1254-51-00	Arsenic	6.10	mg/kg
1254	A1254-51-00	Barium	140.00	mg/kg
1254	A1254-51-00	Beryllium	0.23	mg/kg
1254	A1254-51-00	Cadmium	1.40	mg/kg
1254	A1254-51-00	Calcium	54000.00	mg/kg
1254	A1254-51-00	Chromium	5.80	mg/kg
1254	A1254-51-00	Cobalt	2.60	mg/kg
1254	A1254-51-00	Copper	59.00	mg/kg
1254	A1254-51-00	Iron	6500.00	mg/kg
1254	A1254-51-00	Lead	44.00	mg/kg
1254	A1254-51-00	Magnesium	8800.00	mg/kg
1254	A1254-51-00	Manganese	970.00	mg/kg
1254	A1254-51-00	Nickel	4.60	mg/kg
1254	A1254-51-00	Potassium	1800.00	mg/kg
1254	A1254-51-00	Selenium	0.51	mg/kg
1254	A1254-51-00	Silver	0.45	mg/kg
1254	A1254-51-00	Sodium	130.00	mg/kg
1254	A1254-51-00	Thallium	1.20	mg/kg
1254	A1254-51-00	Vanadium	12.00	mg/kg
1254	A1254-51-00	Zinc	130.00	mg/kg
1254	A1254-51-00	Mercury	0.02	mg/kg
1255	A1255B-51-00	Arsenic	35.00	mg/kg
1255	A1255B-51-00	Lead	430.00	mg/kg
1255	A1255B-51-06	Arsenic	43.00	mg/kg
1255	A1255B-51-06	Lead	430.00	mg/kg
1255	A1255B-51-12	Arsenic	8.90	mg/kg
1255	A1255B-51-12	Lead	44.00	mg/kg
1255	A1255B-51-18	Arsenic	14.00	mg/kg
1255	A1255B-51-18	Lead	6.60	mg/kg
1255	A1255B-51-24	Arsenic	11.00	mg/kg
1255	A1255B-51-24	Lead	3.90	mg/kg

Analytical Maximums and Summary of Sample Locations

LOCATION	SAMPLE ID	ANALYTE	RESULT	UNIT
1255	A1255F-51-00	Arsenic	6.20	mg/kg
1255	A1255F-51-00	Lead	62.00	mg/kg
1255	A1255F-51-06	Arsenic	6.10	mg/kg
1255	A1255F-51-06	Lead	41.00	mg/kg
1255	A1255F-51-12	Arsenic	8.90	mg/kg
1255	A1255F-51-12	Lead	5.00	mg/kg
1255	A1255F-51-18	Arsenic	7.70	mg/kg
1255	A1255F-51-18	Lead	3.90	mg/kg
1256	A1256-51-00	Aluminum	3000.00	mg/kg
1256	A1256-51-00	Antimony	1.90	mg/kg
1256	A1256-51-00	Arsenic	7.30	mg/kg
1256	A1256-51-00	Barium	160.00	mg/kg
1256	A1256-51-00	Beryllium	0.21	mg/kg
1256	A1256-51-00	Cadmium	1.40	mg/kg
1256	A1256-51-00	Calcium	37000.00	mg/kg
1256	A1256-51-00	Chromium	4.50	mg/kg
1256	A1256-51-00	Cobalt	2.90	mg/kg
1256	A1256-51-00	Copper	30.00	mg/kg
1256	A1256-51-00	Iron	6300.00	mg/kg
1256	A1256-51-00	Lead	58.00	mg/kg
1256	A1256-51-00	Magnesium	7500.00	mg/kg
1256	A1256-51-00	Manganese	1200.00	mg/kg
1256	A1256-51-00	Nickel	4.10	mg/kg
1256	A1256-51-00	Potassium	1500.00	mg/kg
1256	A1256-51-00	Selenium	0.73	mg/kg
1256	A1256-51-00	Silver	0.21	mg/kg
1256	A1256-51-00	Sodium	1200.00	mg/kg
1256	A1256-51-00	Thallium	1.90	mg/kg
1256	A1256-51-00	Vanadium	14.00	mg/kg
1256	A1256-51-00	Zinc	62.00	mg/kg
1256	A1256-51-00	Mercury	0.02	mg/kg
1257	A1257-51-00	Aluminum	3500.00	mg/kg
1257	A1257-51-00	Antimony	37.00	mg/kg
1257	A1257-51-00	Arsenic	45.00	mg/kg
1257	A1257-51-00	Barium	4800.00	mg/kg
1257	A1257-51-00	Beryllium	1.80	mg/kg
1257	A1257-51-00	Cadmium	1.30	mg/kg
1257	A1257-51-00	Calcium	13000.00	mg/kg
1257	A1257-51-00	Chromium	12.00	mg/kg
1257	A1257-51-00	Cobalt	12.00	mg/kg
1257	A1257-51-00	Copper	93.00	mg/kg
1257	A1257-51-00	Iron	9900.00	mg/kg
1257	A1257-51-00	Lead	340.00	mg/kg
1257	A1257-51-00	Magnesium	2800.00	mg/kg
1257	A1257-51-00	Manganese	25000.00	mg/kg
1257	A1257-51-00	Nickel	9.00	mg/kg
1257	A1257-51-00	Potassium	880.00	mg/kg
1257	A1257-51-00	Selenium	19.00	mg/kg
1257	A1257-51-00	Silver	19.00	mg/kg
1257	A1257-51-00	Sodium	210.00	mg/kg
1257	A1257-51-00	Thallium	55.00	mg/kg
1257	A1257-51-00	Vanadium	32.00	mg/kg
1257	A1257-51-00	Zinc	100.00	mg/kg
1257	A1257-51-00	Mercury	0.03	mg/kg
1258	A1258-51-00	Aluminum	2400.00	mg/kg
1258	A1258-51-00	Antimony	1.90	mg/kg
1258	A1258-51-00	Arsenic	4.80	mg/kg
1258	A1258-51-00	Barium	96.00	mg/kg
1258	A1258-51-00	Beryllium	0.15	mg/kg

Analytical Maximums and Summary of Sample Locations

LOCATION	SAMPLE ID	ANALYTE	RESULT	UNIT
1258	A1258-51-00	Cadmium	1.30	mg/kg
1258	A1258-51-00	Calcium	33000.00	mg/kg
1258	A1258-51-00	Chromium	4.10	mg/kg
1258	A1258-51-00	Cobalt	2.50	mg/kg
1258	A1258-51-00	Copper	61.00	mg/kg
1258	A1258-51-00	Iron	5400.00	mg/kg
1258	A1258-51-00	Lead	44.00	mg/kg
1258	A1258-51-00	Magnesium	12000.00	mg/kg
1258	A1258-51-00	Manganese	620.00	mg/kg
1258	A1258-51-00	Nickel	3.20	mg/kg
1258	A1258-51-00	Potassium	890.00	mg/kg
1258	A1258-51-00	Selenium	0.94	mg/kg
1258	A1258-51-00	Silver	0.33	mg/kg
1258	A1258-51-00	Sodium	81.00	mg/kg
1258	A1258-51-00	Thallium	1.40	mg/kg
1258	A1258-51-00	Vanadium	13.00	mg/kg
1258	A1258-51-00	Zinc	59.00	mg/kg
1258	A1258-51-00	Mercury	0.02	mg/kg
1259	A1259-51-00	Arsenic	2.70	mg/kg
1259	A1259-51-00	Lead	35.00	mg/kg
1260	A1260-51-00	Arsenic	2.20	mg/kg
1260	A1260-51-00	Lead	11.00	mg/kg
1261	A1261-51-00	Arsenic	4.60	mg/kg
1261	A1261-51-00	Lead	20.00	mg/kg
1262	A1262-51-00	Arsenic	15.00	mg/kg
1262	A1262-51-00	Lead	190.00	mg/kg
1263	A1263-51-00	Arsenic	9.00	mg/kg
1263	A1263-51-00	Lead	120.00	mg/kg
1264	A1264-51-00	Arsenic	10.00	mg/kg
1264	A1264-51-00	Lead	130.00	mg/kg
1265	A1265-51-00	Arsenic	5.40	mg/kg
1265	A1265-51-00	Lead	52.00	mg/kg
1266	A1266-51-00	Aluminum	9400.00	mg/kg
1266	A1266-51-00	Antimony	0.86	mg/kg
1266	A1266-51-00	Arsenic	13.00	mg/kg
1266	A1266-51-00	Barium	150.00	mg/kg
1266	A1266-51-00	Beryllium	0.55	mg/kg
1266	A1266-51-00	Cadmium	5.20	mg/kg
1266	A1266-51-00	Calcium	91000.00	mg/kg
1266	A1266-51-00	Chromium	7.70	mg/kg
1266	A1266-51-00	Cobalt	4.30	mg/kg
1266	A1266-51-00	Copper	120.00	mg/kg
1266	A1266-51-00	Iron	8700.00	mg/kg
1266	A1266-51-00	Lead	190.00	mg/kg
1266	A1266-51-00	Magnesium	37000.00	mg/kg
1266	A1266-51-00	Manganese	310.00	mg/kg
1266	A1266-51-00	Nickel	8.00	mg/kg
1266	A1266-51-00	Potassium	2500.00	mg/kg
1266	A1266-51-00	Selenium	0.95	mg/kg
1266	A1266-51-00	Silver	0.56	mg/kg
1266	A1266-51-00	Sodium	160.00	mg/kg
1266	A1266-51-00	Thallium	0.95	mg/kg
1266	A1266-51-00	Vanadium	17.00	mg/kg
1266	A1266-51-00	Zinc	150.00	mg/kg
1266	A1266-51-00	Mercury	0.09	mg/kg
1267	A1267-51-00	Aluminum	8600.00	mg/kg
1267	A1267-51-00	Antimony	0.67	mg/kg
1267	A1267-51-00	Arsenic	8.90	mg/kg
1267	A1267-51-00	Barium	130.00	mg/kg

Analytical Maximums and Summary of Sample Locations

LOCATION	SAMPLE ID	ANALYTE	RESULT	UNIT
1267	A1267-51-00	Beryllium	0.44	mg/kg
1267	A1267-51-00	Cadmium	2.90	mg/kg
1267	A1267-51-00	Calcium	80000.00	mg/kg
1267	A1267-51-00	Chromium	7.70	mg/kg
1267	A1267-51-00	Cobalt	4.20	mg/kg
1267	A1267-51-00	Copper	91.00	mg/kg
1267	A1267-51-00	Iron	9500.00	mg/kg
1267	A1267-51-00	Lead	110.00	mg/kg
1267	A1267-51-00	Magnesium	34000.00	mg/kg
1267	A1267-51-00	Manganese	250.00	mg/kg
1267	A1267-51-00	Nickel	7.50	mg/kg
1267	A1267-51-00	Potassium	2000.00	mg/kg
1267	A1267-51-00	Selenium	0.49	mg/kg
1267	A1267-51-00	Silver	0.53	mg/kg
1267	A1267-51-00	Sodium	160.00	mg/kg
1267	A1267-51-00	Thallium	0.94	mg/kg
1267	A1267-51-00	Vanadium	18.00	mg/kg
1267	A1267-51-00	Zinc	93.00	mg/kg
1267	A1267-51-00	Mercury	0.03	mg/kg
1268	A1268-51-00	Aluminum	11000.00	mg/kg
1268	A1268-51-00	Antimony	2.10	mg/kg
1268	A1268-51-00	Arsenic	14.00	mg/kg
1268	A1268-51-00	Barium	290.00	mg/kg
1268	A1268-51-00	Beryllium	0.56	mg/kg
1268	A1268-51-00	Cadmium	0.34	mg/kg
1268	A1268-51-00	Calcium	91000.00	mg/kg
1268	A1268-51-00	Chromium	7.20	mg/kg
1268	A1268-51-00	Cobalt	7.60	mg/kg
1268	A1268-51-00	Copper	13.00	mg/kg
1268	A1268-51-00	Iron	13000.00	mg/kg
1268	A1268-51-00	Lead	9.20	mg/kg
1268	A1268-51-00	Magnesium	54000.00	mg/kg
1268	A1268-51-00	Manganese	220.00	mg/kg
1268	A1268-51-00	Nickel	12.00	mg/kg
1268	A1268-51-00	Potassium	1900.00	mg/kg
1268	A1268-51-00	Selenium	0.96	mg/kg
1268	A1268-51-00	Silver	1.00	mg/kg
1268	A1268-51-00	Sodium	280.00	mg/kg
1268	A1268-51-00	Thallium	1.00	mg/kg
1268	A1268-51-00	Vanadium	65.00	mg/kg
1268	A1268-51-00	Zinc	36.00	mg/kg
1268	A1268-51-00	Mercury	0.00	mg/kg
1269	A1269-51-00	Aluminum	11000.00	mg/kg
1269	A1269-51-00	Antimony	0.80	mg/kg
1269	A1269-51-00	Arsenic	14.00	mg/kg
1269	A1269-51-00	Barium	150.00	mg/kg
1269	A1269-51-00	Beryllium	0.60	mg/kg
1269	A1269-51-00	Cadmium	3.60	mg/kg
1269	A1269-51-00	Calcium	77000.00	mg/kg
1269	A1269-51-00	Chromium	9.20	mg/kg
1269	A1269-51-00	Cobalt	4.90	mg/kg
1269	A1269-51-00	Copper	110.00	mg/kg
1269	A1269-51-00	Iron	11000.00	mg/kg
1269	A1269-51-00	Lead	130.00	mg/kg
1269	A1269-51-00	Magnesium	30000.00	mg/kg
1269	A1269-51-00	Manganese	340.00	mg/kg
1269	A1269-51-00	Nickel	8.80	mg/kg
1269	A1269-51-00	Potassium	2600.00	mg/kg
1269	A1269-51-00	Selenium	1.10	mg/kg

Analytical Maximums and Summary of Sample Locations

LOCATION	SAMPLE ID	ANALYTE	RESULT	UNIT
1269	A1269-51-00	Silver	0.46	mg/kg
1269	A1269-51-00	Sodium	160.00	mg/kg
1269	A1269-51-00	Thallium	1.10	mg/kg
1269	A1269-51-00	Vanadium	20.00	mg/kg
1269	A1269-51-00	Zinc	100.00	mg/kg
1269	A1269-51-00	Mercury	0.06	mg/kg
1270	A1270B-51-00	Arsenic	2.90	mg/kg
1270	A1270B-51-00	Lead	12.00	mg/kg
1270	A1270B-51-06	Arsenic	2.10	mg/kg
1270	A1270B-51-06	Lead	6.50	mg/kg
1270	A1270F-51-00	Arsenic	2.70	mg/kg
1270	A1270F-51-00	Lead	12.00	mg/kg
1270	A1270F-51-06	Arsenic	2.50	mg/kg
1270	A1270F-51-06	Lead	10.00	mg/kg
1270	A1270F-51-12	Arsenic	3.90	mg/kg
1270	A1270F-51-12	Lead	7.50	mg/kg
1270	A1270F-51-18	Arsenic	1.90	mg/kg
1270	A1270F-51-18	Lead	4.70	mg/kg
1270	A1270F-51-24	Arsenic	2.80	mg/kg
1270	A1270F-51-24	Lead	2.90	mg/kg
1271	A1271A-51-00	Arsenic	1.90	mg/kg
1271	A1271A-51-00	Lead	11.00	mg/kg
1272	A1272A-51-00	Arsenic	1.80	mg/kg
1272	A1272A-51-00	Lead	9.00	mg/kg
1273	A1273A-51-00	Arsenic	2.30	mg/kg
1273	A1273A-51-00	Lead	14.00	mg/kg
1274	A1274A-51-00	Arsenic	37.00	mg/kg
1274	A1274A-51-00	Lead	42.00	mg/kg
1274	A1274B-51-00	Arsenic	28.00	mg/kg
1274	A1274B-51-00	Lead	49.00	mg/kg
1275	A1275-51-00	Arsenic	4.50	mg/kg
1275	A1275-51-00	Lead	16.00	mg/kg
1276	A1276-51-00	Arsenic	4.00	mg/kg
1276	A1276-51-00	Lead	29.00	mg/kg
1277	A1277-51-00	Arsenic	1.60	mg/kg
1277	A1277-51-00	Lead	8.40	mg/kg
1278	A1278A-51-00	Arsenic	3.00	mg/kg
1278	A1278A-51-00	Lead	10.00	mg/kg
1279	A1279A-51-00	Arsenic	3.10	mg/kg
1279	A1279A-51-00	Lead	46.00	mg/kg
1280	A1280A-51-00	Arsenic	15.00	mg/kg
1280	A1280A-51-00	Lead	77.00	mg/kg
1280	A1280A-51-06	Arsenic	9.90	mg/kg
1280	A1280A-51-06	Lead	43.00	mg/kg
1280	A1280A-51-12	Arsenic	12.00	mg/kg
1280	A1280A-51-12	Lead	25.00	mg/kg
1280	A1280A-51-18	Arsenic	4.70	mg/kg
1280	A1280A-51-18	Lead	2.50	mg/kg
1280	A1280A-51-24	Arsenic	4.90	mg/kg
1280	A1280A-51-24	Lead	2.70	mg/kg
1281	A1281F-51-00	Arsenic	1.60	mg/kg
1281	A1281F-51-00	Lead	20.00	mg/kg
1282	A1282A-51-00	Arsenic	0.79	mg/kg
1282	A1282A-51-00	Lead	10.00	mg/kg
1283	A1283F-51-00	Arsenic	5.40	mg/kg
1283	A1283F-51-00	Lead	82.00	mg/kg
1283	A1283F-51-06	Arsenic	5.40	mg/kg
1283	A1283F-51-06	Lead	6.60	mg/kg
1284	A1284B-51-00	Arsenic	4.10	mg/kg

Analytical Maximums and Summary of Sample Locations

LOCATION	SAMPLE ID	ANALYTE	RESULT	UNIT
1284	A1284B-51-00	Lead	41.00	mg/kg
1284	A1284B-51-06	Arsenic	6.50	mg/kg
1284	A1284B-51-06	Lead	38.00	mg/kg
1284	A1284F-51-00	Arsenic	3.80	mg/kg
1284	A1284F-51-00	Lead	29.00	mg/kg
1284	A1284F-51-06	Arsenic	5.00	mg/kg
1284	A1284F-51-06	Lead	27.00	mg/kg
1284	A1284F-51-12	Arsenic	3.90	mg/kg
1284	A1284F-51-12	Lead	6.60	mg/kg
1284	A1284F-51-18	Arsenic	7.90	mg/kg
1284	A1284F-51-18	Lead	3.00	mg/kg
1284	A1284F-51-24	Arsenic	6.40	mg/kg
1284	A1284F-51-24	Lead	2.80	mg/kg
1285	A1285F-51-00	Arsenic	1.90	mg/kg
1285	A1285F-51-00	Lead	19.00	mg/kg
1285	A1285F-51-06	Arsenic	6.10	mg/kg
1285	A1285F-51-06	Lead	21.00	mg/kg
1285	A1285F-51-12	Arsenic	5.50	mg/kg
1285	A1285F-51-12	Lead	3.80	mg/kg
1285	A1285F-51-18	Arsenic	3.40	mg/kg
1285	A1285F-51-18	Lead	2.30	mg/kg
1285	A1285F-51-24	Arsenic	6.10	mg/kg
1285	A1285F-51-24	Lead	6.10	mg/kg
1286	A1286B-51-00	Arsenic	2.80	mg/kg
1286	A1286B-51-00	Lead	20.00	mg/kg
1286	A1286B-51-06	Arsenic	3.20	mg/kg
1286	A1286B-51-06	Lead	16.00	mg/kg
1286	A1286B-51-12	Arsenic	3.10	mg/kg
1286	A1286B-51-12	Lead	5.90	mg/kg
1286	A1286F-51-12	Arsenic	9.20	mg/kg
1286	A1286F-51-12	Lead	13.00	mg/kg
1286	A1286F-51-18	Arsenic	5.40	mg/kg
1286	A1286F-51-18	Lead	3.50	mg/kg
1286	A1286F-51-24	Arsenic	5.10	mg/kg
1286	A1286F-51-24	Lead	3.20	mg/kg
1286	A1286F-51-00	Arsenic	490.00	mg/kg
1286	A1286F-51-00	Lead	450.00	mg/kg
1286	A1286F-51-06	Arsenic	19.00	mg/kg
1286	A1286F-51-06	Lead	45.00	mg/kg
1287	A1287A-51-00	Arsenic	2.30	mg/kg
1287	A1287A-51-00	Lead	9.30	mg/kg
1288	A1288A-51-00	Arsenic	2.00	mg/kg
1288	A1288A-51-00	Lead	6.30	mg/kg
1289	A1289-51-00	Arsenic	66.00	mg/kg
1289	A1289-51-00	Lead	440.00	mg/kg
1290	A1290-51-00	Arsenic	15.00	mg/kg
1290	A1290-51-00	Lead	75.00	mg/kg
1291	A1291-51-00	Arsenic	220.00	mg/kg
1291	A1291-51-00	Lead	1400.00	mg/kg
1292	A1292-51-00	Arsenic	10.00	mg/kg
1292	A1292-51-00	Lead	28.00	mg/kg
1293	A1293-51-00	Aluminum	9200.00	mg/kg
1293	A1293-51-00	Antimony	13.00	mg/kg
1293	A1293-51-00	Arsenic	280.00	mg/kg
1293	A1293-51-00	Barium	180.00	mg/kg
1293	A1293-51-00	Beryllium	0.41	mg/kg
1293	A1293-51-00	Cadmium	42.00	mg/kg
1293	A1293-51-00	Calcium	6900.00	mg/kg
1293	A1293-51-00	Chromium	10.00	mg/kg

Analytical Maximums and Summary of Sample Locations

LOCATION	SAMPLE ID	ANALYTE	RESULT	UNIT
1293	A1293-51-00	Cobalt	9.80	mg/kg
1293	A1293-51-00	Copper	1800.00	mg/kg
1293	A1293-51-00	Iron	16000.00	mg/kg
1293	A1293-51-00	Lead	1700.00	mg/kg
1293	A1293-51-00	Magnesium	4800.00	mg/kg
1293	A1293-51-00	Manganese	250.00	mg/kg
1293	A1293-51-00	Nickel	12.00	mg/kg
1293	A1293-51-00	Potassium	1400.00	mg/kg
1293	A1293-51-00	Selenium	4.90	mg/kg
1293	A1293-51-00	Silver	9.00	mg/kg
1293	A1293-51-00	Sodium	140.00	mg/kg
1293	A1293-51-00	Thallium	1.10	mg/kg
1293	A1293-51-00	Vanadium	28.00	mg/kg
1293	A1293-51-00	Zinc	980.00	mg/kg
1293	A1293-51-00	Mercury	0.87	mg/kg
1294	A1294-51-00	Arsenic	48.00	mg/kg
1294	A1294-51-00	Lead	310.00	mg/kg
1295	A1295-51-00	Arsenic	48.00	mg/kg
1295	A1295-51-00	Lead	300.00	mg/kg
1296	A1296-51-00	Arsenic	120.00	mg/kg
1296	A1296-51-00	Lead	790.00	mg/kg
1297	A1297-51-00	Arsenic	49.00	mg/kg
1297	A1297-51-00	Lead	280.00	mg/kg
1298	A1298-51-00	Arsenic	14.00	mg/kg
1298	A1298-51-00	Lead	120.00	mg/kg
1299	A1299-51-00	Arsenic	19.00	mg/kg
1299	A1299-51-00	Lead	140.00	mg/kg
1300	A1300-51-00	Arsenic	19.00	mg/kg
1300	A1300-51-00	Lead	230.00	mg/kg
1301	A1301-51-00	Aluminum	8000.00	mg/kg
1301	A1301-51-00	Antimony	1.90	mg/kg
1301	A1301-51-00	Arsenic	18.00	mg/kg
1301	A1301-51-00	Barium	130.00	mg/kg
1301	A1301-51-00	Beryllium	0.43	mg/kg
1301	A1301-51-00	Cadmium	5.40	mg/kg
1301	A1301-51-00	Calcium	13000.00	mg/kg
1301	A1301-51-00	Chromium	8.20	mg/kg
1301	A1301-51-00	Cobalt	5.70	mg/kg
1301	A1301-51-00	Copper	200.00	mg/kg
1301	A1301-51-00	Iron	13000.00	mg/kg
1301	A1301-51-00	Lead	180.00	mg/kg
1301	A1301-51-00	Magnesium	4300.00	mg/kg
1301	A1301-51-00	Manganese	230.00	mg/kg
1301	A1301-51-00	Nickel	7.10	mg/kg
1301	A1301-51-00	Potassium	1900.00	mg/kg
1301	A1301-51-00	Selenium	1.00	mg/kg
1301	A1301-51-00	Silver	0.95	mg/kg
1301	A1301-51-00	Sodium	110.00	mg/kg
1301	A1301-51-00	Thallium	1.00	mg/kg
1301	A1301-51-00	Vanadium	25.00	mg/kg
1301	A1301-51-00	Zinc	140.00	mg/kg
1301	A1301-51-00	Mercury	0.10	mg/kg
1302	A1302-51-00	Aluminum	6300.00	mg/kg
1302	A1302-51-00	Antimony	0.81	mg/kg
1302	A1302-51-00	Arsenic	7.70	mg/kg
1302	A1302-51-00	Barium	120.00	mg/kg
1302	A1302-51-00	Beryllium	0.36	mg/kg
1302	A1302-51-00	Cadmium	2.10	mg/kg
1302	A1302-51-00	Calcium	34000.00	mg/kg

Analytical Maximums and Summary of Sample Locations

LOCATION	SAMPLE ID	ANALYTE	RESULT	UNIT
1302	A1302-51-00	Chromium	7.30	mg/kg
1302	A1302-51-00	Cobalt	5.10	mg/kg
1302	A1302-51-00	Copper	110.00	mg/kg
1302	A1302-51-00	Iron	11000.00	mg/kg
1302	A1302-51-00	Lead	68.00	mg/kg
1302	A1302-51-00	Magnesium	3900.00	mg/kg
1302	A1302-51-00	Manganese	280.00	mg/kg
1302	A1302-51-00	Nickel	5.90	mg/kg
1302	A1302-51-00	Potassium	1400.00	mg/kg
1302	A1302-51-00	Selenium	0.93	mg/kg
1302	A1302-51-00	Silver	0.43	mg/kg
1302	A1302-51-00	Sodium	110.00	mg/kg
1302	A1302-51-00	Thallium	0.93	mg/kg
1302	A1302-51-00	Vanadium	25.00	mg/kg
1302	A1302-51-00	Zinc	76.00	mg/kg
1302	A1302-51-00	Mercury	0.03	mg/kg
1303	A1303-51-00	Arsenic	72.00	mg/kg
1303	A1303-51-00	Lead	490.00	mg/kg
1304	A1304-51-00	Arsenic	59.00	mg/kg
1304	A1304-51-00	Lead	310.00	mg/kg
1305	A1305-51-00	Arsenic	110.00	mg/kg
1305	A1305-51-00	Lead	820.00	mg/kg
1306	A1306-51-00	Arsenic	29.00	mg/kg
1306	A1306-51-00	Lead	110.00	mg/kg
1307	A1307-51-00	Arsenic	50.00	mg/kg
1307	A1307-51-00	Lead	290.00	mg/kg
1308	A1308-51-00	Arsenic	27.00	mg/kg
1308	A1308-51-00	Lead	66.00	mg/kg
1309	A1309-51-00	Arsenic	14.00	mg/kg
1309	A1309-51-00	Lead	58.00	mg/kg
1310	A1310-51-00	Aluminum	5300.00	mg/kg
1310	A1310-51-00	Antimony	3.30	mg/kg
1310	A1310-51-00	Arsenic	45.00	mg/kg
1310	A1310-51-00	Barium	110.00	mg/kg
1310	A1310-51-00	Beryllium	0.33	mg/kg
1310	A1310-51-00	Cadmium	8.30	mg/kg
1310	A1310-51-00	Calcium	52000.00	mg/kg
1310	A1310-51-00	Chromium	8.00	mg/kg
1310	A1310-51-00	Cobalt	5.50	mg/kg
1310	A1310-51-00	Copper	410.00	mg/kg
1310	A1310-51-00	Iron	9700.00	mg/kg
1310	A1310-51-00	Lead	250.00	mg/kg
1310	A1310-51-00	Magnesium	7200.00	mg/kg
1310	A1310-51-00	Manganese	210.00	mg/kg
1310	A1310-51-00	Nickel	7.70	mg/kg
1310	A1310-51-00	Potassium	3000.00	mg/kg
1310	A1310-51-00	Selenium	2.50	mg/kg
1310	A1310-51-00	Silver	2.30	mg/kg
1310	A1310-51-00	Sodium	63000.00	mg/kg
1310	A1310-51-00	Thallium	0.99	mg/kg
1310	A1310-51-00	Vanadium	15.00	mg/kg
1310	A1310-51-00	Zinc	460.00	mg/kg
1310	A1310-51-00	Mercury	0.10	mg/kg
1311	A1311-51-00	Arsenic	50.00	mg/kg
1311	A1311-51-00	Lead	230.00	mg/kg
1312	A1312-51-00	Arsenic	130.00	mg/kg
1312	A1312-51-00	Lead	500.00	mg/kg
1313	A1313-51-00	Arsenic	90.00	mg/kg
1313	A1313-51-00	Lead	290.00	mg/kg

Analytical Maximums and Summary of Sample Locations

LOCATION	SAMPLE ID	ANALYTE	RESULT	UNIT
1314	A1314-51-00	Arsenic	6.70	mg/kg
1314	A1314-51-00	Lead	41.00	mg/kg
1315	A1315-51-00	Arsenic	28.00	mg/kg
1315	A1315-51-00	Lead	170.00	mg/kg
1316	A1316-51-00	Arsenic	28.00	mg/kg
1316	A1316-51-00	Lead	190.00	mg/kg
1317	A1317-51-00	Arsenic	23.00	mg/kg
1317	A1317-51-00	Lead	210.00	mg/kg
1318	A1318-51-00	Arsenic	3.30	mg/kg
1318	A1318-51-00	Lead	43.00	mg/kg
1319	A1319B-51-00	Arsenic	1.50	mg/kg
1319	A1319B-51-00	Lead	8.40	mg/kg
1319	A1319F-51-00	Arsenic	2.50	mg/kg
1319	A1319F-51-00	Lead	13.00	mg/kg
1319	A1319F-51-06	Arsenic	1.60	mg/kg
1319	A1319F-51-06	Lead	4.50	mg/kg
1319	A1319F-51-12	Arsenic	14.00	mg/kg
1319	A1319F-51-12	Lead	48.00	mg/kg
1319	A1319F-51-18	Arsenic	17.00	mg/kg
1319	A1319F-51-18	Lead	79.00	mg/kg
1319	A1319F-51-24	Arsenic	3.00	mg/kg
1319	A1319F-51-24	Lead	10.00	mg/kg
1320	A1320-51-00	Arsenic	74.00	mg/kg
1320	A1320-51-00	Lead	440.00	mg/kg
1321	A1321-51-00	Arsenic	52.00	mg/kg
1321	A1321-51-00	Lead	79.00	mg/kg
1322	A1322-51-00	Arsenic	480.00	mg/kg
1322	A1322-51-00	Lead	3000.00	mg/kg
1323	A1323-51-00	Arsenic	25.00	mg/kg
1323	A1323-51-00	Lead	68.00	mg/kg
1324	A1324-51-00	Arsenic	43.00	mg/kg
1324	A1324-51-00	Lead	150.00	mg/kg
1325	A1325-51-00	Arsenic	78.00	mg/kg
1325	A1325-51-00	Lead	430.00	mg/kg
1326	A1326-51-00	Arsenic	20.00	mg/kg
1326	A1326-51-00	Lead	32.00	mg/kg
1327	A1327-51-00	Arsenic	23.00	mg/kg
1327	A1327-51-00	Lead	64.00	mg/kg
1328	A1328-51-00	Aluminum	8800.00	mg/kg
1328	A1328-51-00	Antimony	1.90	mg/kg
1328	A1328-51-00	Arsenic	18.00	mg/kg
1328	A1328-51-00	Barium	100.00	mg/kg
1328	A1328-51-00	Beryllium	0.49	mg/kg
1328	A1328-51-00	Cadmium	2.60	mg/kg
1328	A1328-51-00	Calcium	33000.00	mg/kg
1328	A1328-51-00	Chromium	8.40	mg/kg
1328	A1328-51-00	Cobalt	5.80	mg/kg
1328	A1328-51-00	Copper	71.00	mg/kg
1328	A1328-51-00	Iron	14000.00	mg/kg
1328	A1328-51-00	Lead	74.00	mg/kg
1328	A1328-51-00	Magnesium	8100.00	mg/kg
1328	A1328-51-00	Manganese	200.00	mg/kg
1328	A1328-51-00	Nickel	9.40	mg/kg
1328	A1328-51-00	Potassium	1300.00	mg/kg
1328	A1328-51-00	Selenium	0.42	mg/kg
1328	A1328-51-00	Silver	0.94	mg/kg
1328	A1328-51-00	Sodium	260.00	mg/kg
1328	A1328-51-00	Thallium	0.94	mg/kg
1328	A1328-51-00	Vanadium	20.00	mg/kg

Analytical Maximums and Summary of Sample Locations

LOCATION	SAMPLE ID	ANALYTE	RESULT	UNIT
1328	A1328-51-00	Zinc	84.00	mg/kg
1328	A1328-51-00	Mercury	0.03	mg/kg
1329	A1329-51-00	Arsenic	39.00	mg/kg
1329	A1329-51-00	Lead	120.00	mg/kg
1330	A1330-51-00	Arsenic	120.00	mg/kg
1330	A1330-51-00	Lead	160.00	mg/kg
1331	A1331F-51-00	Arsenic	3.80	mg/kg
1331	A1331F-51-00	Lead	29.00	mg/kg
1331	A1331F-51-06	Arsenic	3.30	mg/kg
1331	A1331F-51-06	Lead	16.00	mg/kg
1331	A1331F-51-12	Arsenic	4.60	mg/kg
1331	A1331F-51-12	Lead	31.00	mg/kg
1331	A1331F-51-18	Arsenic	1.80	mg/kg
1331	A1331F-51-18	Lead	5.90	mg/kg
1331	A1331F-51-24	Arsenic	1.90	mg/kg
1331	A1331F-51-24	Lead	4.20	mg/kg
1332	A1332-51-00	Aluminum	2500.00	mg/kg
1332	A1332-51-00	Antimony	0.55	mg/kg
1332	A1332-51-00	Arsenic	8.30	mg/kg
1332	A1332-51-00	Barium	74.00	mg/kg
1332	A1332-51-00	Beryllium	0.16	mg/kg
1332	A1332-51-00	Cadmium	1.90	mg/kg
1332	A1332-51-00	Calcium	10000.00	mg/kg
1332	A1332-51-00	Chromium	4.10	mg/kg
1332	A1332-51-00	Cobalt	2.90	mg/kg
1332	A1332-51-00	Copper	98.00	mg/kg
1332	A1332-51-00	Iron	5400.00	mg/kg
1332	A1332-51-00	Lead	50.00	mg/kg
1332	A1332-51-00	Magnesium	2500.00	mg/kg
1332	A1332-51-00	Manganese	150.00	mg/kg
1332	A1332-51-00	Nickel	3.50	mg/kg
1332	A1332-51-00	Potassium	940.00	mg/kg
1332	A1332-51-00	Selenium	0.93	mg/kg
1332	A1332-51-00	Silver	0.19	mg/kg
1332	A1332-51-00	Sodium	2400.00	mg/kg
1332	A1332-51-00	Thallium	0.93	mg/kg
1332	A1332-51-00	Vanadium	10.00	mg/kg
1332	A1332-51-00	Zinc	72.00	mg/kg
1332	A1332-51-00	Mercury	0.02	mg/kg
1333	A1333-51-00	Aluminum	2700.00	mg/kg
1333	A1333-51-00	Antimony	0.57	mg/kg
1333	A1333-51-00	Arsenic	9.30	mg/kg
1333	A1333-51-00	Barium	90.00	mg/kg
1333	A1333-51-00	Beryllium	0.21	mg/kg
1333	A1333-51-00	Cadmium	1.40	mg/kg
1333	A1333-51-00	Calcium	21000.00	mg/kg
1333	A1333-51-00	Chromium	5.00	mg/kg
1333	A1333-51-00	Cobalt	3.60	mg/kg
1333	A1333-51-00	Copper	40.00	mg/kg
1333	A1333-51-00	Iron	7900.00	mg/kg
1333	A1333-51-00	Lead	42.00	mg/kg
1333	A1333-51-00	Magnesium	2800.00	mg/kg
1333	A1333-51-00	Manganese	170.00	mg/kg
1333	A1333-51-00	Nickel	4.30	mg/kg
1333	A1333-51-00	Potassium	960.00	mg/kg
1333	A1333-51-00	Selenium	1.00	mg/kg
1333	A1333-51-00	Silver	1.00	mg/kg
1333	A1333-51-00	Sodium	4800.00	mg/kg
1333	A1333-51-00	Thallium	1.00	mg/kg

Analytical Maximums and Summary of Sample Locations

LOCATION	SAMPLE ID	ANALYTE	RESULT	UNIT
1333	A1333-51-00	Vanadium	16.00	mg/kg
1333	A1333-51-00	Zinc	57.00	mg/kg
1333	A1333-51-00	Mercury	0.01	mg/kg
1334	A1334-51-00	Aluminum	3400.00	mg/kg
1334	A1334-51-00	Antimony	0.80	mg/kg
1334	A1334-51-00	Arsenic	9.30	mg/kg
1334	A1334-51-00	Barium	160.00	mg/kg
1334	A1334-51-00	Beryllium	0.22	mg/kg
1334	A1334-51-00	Cadmium	1.30	mg/kg
1334	A1334-51-00	Calcium	25000.00	mg/kg
1334	A1334-51-00	Chromium	5.10	mg/kg
1334	A1334-51-00	Cobalt	3.80	mg/kg
1334	A1334-51-00	Copper	130.00	mg/kg
1334	A1334-51-00	Iron	7300.00	mg/kg
1334	A1334-51-00	Lead	34.00	mg/kg
1334	A1334-51-00	Magnesium	2400.00	mg/kg
1334	A1334-51-00	Manganese	200.00	mg/kg
1334	A1334-51-00	Nickel	5.00	mg/kg
1334	A1334-51-00	Potassium	750.00	mg/kg
1334	A1334-51-00	Selenium	0.94	mg/kg
1334	A1334-51-00	Silver	0.34	mg/kg
1334	A1334-51-00	Sodium	93.00	mg/kg
1334	A1334-51-00	Thallium	0.94	mg/kg
1334	A1334-51-00	Vanadium	16.00	mg/kg
1334	A1334-51-00	Zinc	79.00	mg/kg
1334	A1334-51-00	Mercury	0.02	mg/kg
1335	A1335-51-00	Arsenic	20.00	mg/kg
1335	A1335-51-00	Lead	23.00	mg/kg
1336	A1336-51-00	Arsenic	6.70	mg/kg
1336	A1336-51-00	Lead	61.00	mg/kg
1337	A1337B-51-00	Arsenic	4.00	mg/kg
1337	A1337B-51-00	Lead	18.00	mg/kg
1337	A1337B-51-06	Arsenic	9.70	mg/kg
1337	A1337B-51-06	Lead	50.00	mg/kg
1337	A1337B-51-12	Arsenic	5.20	mg/kg
1337	A1337B-51-12	Lead	7.40	mg/kg
1337	A1337F-51-00	Arsenic	3.70	mg/kg
1337	A1337F-51-00	Lead	23.00	mg/kg
1337	A1337F-51-06	Arsenic	6.70	mg/kg
1337	A1337F-51-06	Lead	21.00	mg/kg
1337	A1337F-51-12	Arsenic	8.80	mg/kg
1337	A1337F-51-12	Lead	23.00	mg/kg
1337	A1337F-51-18	Arsenic	11.00	mg/kg
1337	A1337F-51-18	Lead	10.00	mg/kg
1337	A1337F-51-24	Arsenic	4.30	mg/kg
1337	A1337F-51-24	Lead	4.10	mg/kg
1338	A1338-51-00	Arsenic	51.00	mg/kg
1338	A1338-51-00	Lead	110.00	mg/kg
1339	A1339-51-00	Arsenic	110.00	mg/kg
1339	A1339-51-00	Lead	50.00	mg/kg
1340	A1340-51-00	Arsenic	6.80	mg/kg
1340	A1340-51-00	Lead	33.00	mg/kg
1341	A1341-51-00	Arsenic	7.20	mg/kg
1341	A1341-51-00	Lead	30.00	mg/kg
1342	A1342-51-00	Aluminum	3500.00	mg/kg
1342	A1342-51-00	Antimony	0.72	mg/kg
1342	A1342-51-00	Arsenic	7.40	mg/kg
1342	A1342-51-00	Barium	100.00	mg/kg
1342	A1342-51-00	Beryllium	0.23	mg/kg

Analytical Maximums and Summary of Sample Locations

LOCATION	SAMPLE ID	ANALYTE	RESULT	UNIT
1342	A1342-51-00	Cadmium	1.10	mg/kg
1342	A1342-51-00	Calcium	14000.00	mg/kg
1342	A1342-51-00	Chromium	6.20	mg/kg
1342	A1342-51-00	Cobalt	3.60	mg/kg
1342	A1342-51-00	Copper	37.00	mg/kg
1342	A1342-51-00	Iron	7800.00	mg/kg
1342	A1342-51-00	Lead	37.00	mg/kg
1342	A1342-51-00	Magnesium	2900.00	mg/kg
1342	A1342-51-00	Manganese	160.00	mg/kg
1342	A1342-51-00	Nickel	4.30	mg/kg
1342	A1342-51-00	Potassium	1100.00	mg/kg
1342	A1342-51-00	Selenium	1.00	mg/kg
1342	A1342-51-00	Silver	1.00	mg/kg
1342	A1342-51-00	Sodium	1000.00	mg/kg
1342	A1342-51-00	Thallium	1.00	mg/kg
1342	A1342-51-00	Vanadium	19.00	mg/kg
1342	A1342-51-00	Zinc	49.00	mg/kg
1342	A1342-51-00	Mercury	0.01	mg/kg
1343	A1343-51-00	Aluminum	4400.00	mg/kg
1343	A1343-51-00	Antimony	1.10	mg/kg
1343	A1343-51-00	Arsenic	14.00	mg/kg
1343	A1343-51-00	Barium	79.00	mg/kg
1343	A1343-51-00	Beryllium	0.32	mg/kg
1343	A1343-51-00	Cadmium	1.80	mg/kg
1343	A1343-51-00	Calcium	27000.00	mg/kg
1343	A1343-51-00	Chromium	6.20	mg/kg
1343	A1343-51-00	Cobalt	3.20	mg/kg
1343	A1343-51-00	Copper	100.00	mg/kg
1343	A1343-51-00	Iron	7000.00	mg/kg
1343	A1343-51-00	Lead	50.00	mg/kg
1343	A1343-51-00	Magnesium	7900.00	mg/kg
1343	A1343-51-00	Manganese	200.00	mg/kg
1343	A1343-51-00	Nickel	5.40	mg/kg
1343	A1343-51-00	Potassium	1700.00	mg/kg
1343	A1343-51-00	Selenium	0.97	mg/kg
1343	A1343-51-00	Silver	0.97	mg/kg
1343	A1343-51-00	Sodium	9700.00	mg/kg
1343	A1343-51-00	Thallium	0.97	mg/kg
1343	A1343-51-00	Vanadium	15.00	mg/kg
1343	A1343-51-00	Zinc	82.00	mg/kg
1343	A1343-51-00	Mercury	0.03	mg/kg
1344	A1344-51-00	Arsenic	57.00	mg/kg
1344	A1344-51-00	Lead	260.00	mg/kg
1345	A1345A-51-00	Arsenic	3.60	mg/kg
1345	A1345A-51-00	Lead	17.00	mg/kg
1346	A1346F-51-00	Arsenic	7.20	mg/kg
1346	A1346F-51-00	Lead	47.00	mg/kg
1346	A1346F-51-06	Arsenic	19.00	mg/kg
1346	A1346F-51-06	Lead	160.00	mg/kg
1346	A1346F-51-12	Arsenic	9.30	mg/kg
1346	A1346F-51-12	Lead	47.00	mg/kg
1347	A1347-51-00	Arsenic	20.00	mg/kg
1347	A1347-51-00	Lead	56.00	mg/kg
1348	A1348-51-00	Arsenic	5.80	mg/kg
1348	A1348-51-00	Lead	22.00	mg/kg
1349	A1349-51-00	Arsenic	13.00	mg/kg
1349	A1349-51-00	Lead	63.00	mg/kg
1350	A1350-51-00	Arsenic	15.00	mg/kg
1350	A1350-51-00	Lead	96.00	mg/kg

Analytical Maximums and Summary of Sample Locations

LOCATION	SAMPLE ID	ANALYTE	RESULT	UNIT
1351	A1351-51-00	Arsenic	10.00	mg/kg
1351	A1351-51-00	Lead	15.00	mg/kg
1352	A1352-51-00	Aluminum	4900.00	mg/kg
1352	A1352-51-00	Antimony	0.53	mg/kg
1352	A1352-51-00	Arsenic	6.40	mg/kg
1352	A1352-51-00	Barium	130.00	mg/kg
1352	A1352-51-00	Beryllium	0.27	mg/kg
1352	A1352-51-00	Cadmium	0.90	mg/kg
1352	A1352-51-00	Calcium	30000.00	mg/kg
1352	A1352-51-00	Chromium	7.70	mg/kg
1352	A1352-51-00	Cobalt	4.20	mg/kg
1352	A1352-51-00	Copper	87.00	mg/kg
1352	A1352-51-00	Iron	9900.00	mg/kg
1352	A1352-51-00	Lead	42.00	mg/kg
1352	A1352-51-00	Magnesium	5600.00	mg/kg
1352	A1352-51-00	Manganese	230.00	mg/kg
1352	A1352-51-00	Nickel	5.80	mg/kg
1352	A1352-51-00	Potassium	1300.00	mg/kg
1352	A1352-51-00	Selenium	1.00	mg/kg
1352	A1352-51-00	Silver	1.00	mg/kg
1352	A1352-51-00	Sodium	1400.00	mg/kg
1352	A1352-51-00	Thallium	1.00	mg/kg
1352	A1352-51-00	Vanadium	19.00	mg/kg
1352	A1352-51-00	Zinc	97.00	mg/kg
1352	A1352-51-00	Mercury	0.02	mg/kg
1353	A1353-51-00	Arsenic	4.00	mg/kg
1353	A1353-51-00	Lead	28.00	mg/kg
1354	A1354-51-00	Arsenic	8.80	mg/kg
1354	A1354-51-00	Lead	40.00	mg/kg
1355	A1355-51-00	Arsenic	15.00	mg/kg
1355	A1355-51-00	Lead	170.00	mg/kg
1356	A1356-51-00	Arsenic	8.90	mg/kg
1356	A1356-51-00	Lead	84.00	mg/kg
1357	A1357A-51-00	Arsenic	4.40	mg/kg
1357	A1357A-51-00	Lead	17.00	mg/kg
1357	A1357B-51-00	Arsenic	4.40	mg/kg
1357	A1357B-51-00	Lead	26.00	mg/kg
1358	A1358-51-00	Arsenic	84.00	mg/kg
1358	A1358-51-00	Lead	290.00	mg/kg
1359	A1359-51-00	Arsenic	120.00	mg/kg
1359	A1359-51-00	Lead	780.00	mg/kg
1360	A1360-51-00	Arsenic	71.00	mg/kg
1360	A1360-51-00	Lead	500.00	mg/kg
1361	A1361-51-00	Arsenic	23.00	mg/kg
1361	A1361-51-00	Lead	87.00	mg/kg
1362	A1362-51-00	Arsenic	69.00	mg/kg
1362	A1362-51-00	Lead	150.00	mg/kg
1363	A1363-51-00	Arsenic	82.00	mg/kg
1363	A1363-51-00	Lead	610.00	mg/kg
1364	A1364-51-00	Aluminum	2000.00	mg/kg
1364	A1364-51-00	Antimony	0.84	mg/kg
1364	A1364-51-00	Arsenic	4.30	mg/kg
1364	A1364-51-00	Barium	53.00	mg/kg
1364	A1364-51-00	Beryllium	0.17	mg/kg
1364	A1364-51-00	Cadmium	0.60	mg/kg
1364	A1364-51-00	Calcium	6800.00	mg/kg
1364	A1364-51-00	Chromium	5.00	mg/kg
1364	A1364-51-00	Cobalt	2.60	mg/kg
1364	A1364-51-00	Copper	29.00	mg/kg

Analytical Maximums and Summary of Sample Locations

LOCATION	SAMPLE ID	ANALYTE	RESULT	UNIT
1364	A1364-51-00	Iron	5700.00	mg/kg
1364	A1364-51-00	Lead	16.00	mg/kg
1364	A1364-51-00	Magnesium	1600.00	mg/kg
1364	A1364-51-00	Manganese	120.00	mg/kg
1364	A1364-51-00	Nickel	3.30	mg/kg
1364	A1364-51-00	Potassium	770.00	mg/kg
1364	A1364-51-00	Selenium	0.93	mg/kg
1364	A1364-51-00	Silver	0.93	mg/kg
1364	A1364-51-00	Sodium	1700.00	mg/kg
1364	A1364-51-00	Thallium	0.93	mg/kg
1364	A1364-51-00	Vanadium	13.00	mg/kg
1364	A1364-51-00	Zinc	32.00	mg/kg
1364	A1364-51-00	Mercury	0.01	mg/kg
1365	A1365A-51-00	Arsenic	4.90	mg/kg
1365	A1365A-51-00	Lead	75.00	mg/kg
1365	A1365B-51-00	Arsenic	4.40	mg/kg
1365	A1365B-51-00	Lead	47.00	mg/kg
1366	A1366F-51-00	Aluminum	2000.00	mg/kg
1366	A1366F-51-00	Antimony	1.90	mg/kg
1366	A1366F-51-00	Arsenic	3.70	mg/kg
1366	A1366F-51-00	Barium	39.00	mg/kg
1366	A1366F-51-00	Beryllium	0.10	mg/kg
1366	A1366F-51-00	Cadmium	0.50	mg/kg
1366	A1366F-51-00	Calcium	63000.00	mg/kg
1366	A1366F-51-00	Chromium	3.80	mg/kg
1366	A1366F-51-00	Cobalt	1.70	mg/kg
1366	A1366F-51-00	Copper	24.00	mg/kg
1366	A1366F-51-00	Iron	4500.00	mg/kg
1366	A1366F-51-00	Lead	24.00	mg/kg
1366	A1366F-51-00	Magnesium	1800.00	mg/kg
1366	A1366F-51-00	Manganese	97.00	mg/kg
1366	A1366F-51-00	Nickel	2.80	mg/kg
1366	A1366F-51-00	Potassium	880.00	mg/kg
1366	A1366F-51-00	Selenium	0.93	mg/kg
1366	A1366F-51-00	Silver	0.18	mg/kg
1366	A1366F-51-00	Sodium	270.00	mg/kg
1366	A1366F-51-00	Thallium	0.93	mg/kg
1366	A1366F-51-00	Vanadium	9.70	mg/kg
1366	A1366F-51-00	Zinc	46.00	mg/kg
1366	A1366F-51-00	Mercury	0.02	mg/kg
1367	A1367F-51-00	Arsenic	4.90	mg/kg
1367	A1367F-51-00	Lead	27.00	mg/kg
1367	A1367F-51-06	Arsenic	6.90	mg/kg
1367	A1367F-51-06	Lead	31.00	mg/kg
1367	A1367F-51-12	Arsenic	4.10	mg/kg
1367	A1367F-51-12	Lead	16.00	mg/kg
1367	A1367F-51-18	Arsenic	7.80	mg/kg
1367	A1367F-51-18	Lead	38.00	mg/kg
1367	A1367F-51-24	Arsenic	17.00	mg/kg
1367	A1367F-51-24	Lead	73.00	mg/kg
1368	A1368A-51-00	Aluminum	2000.00	mg/kg
1368	A1368A-51-00	Antimony	1.90	mg/kg
1368	A1368A-51-00	Arsenic	1.90	mg/kg
1368	A1368A-51-00	Barium	26.00	mg/kg
1368	A1368A-51-00	Beryllium	0.14	mg/kg
1368	A1368A-51-00	Cadmium	0.48	mg/kg
1368	A1368A-51-00	Calcium	3200.00	mg/kg
1368	A1368A-51-00	Chromium	3.50	mg/kg
1368	A1368A-51-00	Cobalt	2.40	mg/kg

Analytical Maximums and Summary of Sample Locations

LOCATION	SAMPLE ID	ANALYTE	RESULT	UNIT
1368	A1368A-51-00	Copper	5.80	mg/kg
1368	A1368A-51-00	Iron	4800.00	mg/kg
1368	A1368A-51-00	Lead	3.80	mg/kg
1368	A1368A-51-00	Magnesium	1300.00	mg/kg
1368	A1368A-51-00	Manganese	86.00	mg/kg
1368	A1368A-51-00	Nickel	3.50	mg/kg
1368	A1368A-51-00	Potassium	490.00	mg/kg
1368	A1368A-51-00	Selenium	0.97	mg/kg
1368	A1368A-51-00	Silver	0.97	mg/kg
1368	A1368A-51-00	Sodium	390.00	mg/kg
1368	A1368A-51-00	Thallium	0.97	mg/kg
1368	A1368A-51-00	Vanadium	9.90	mg/kg
1368	A1368A-51-00	Zinc	14.00	mg/kg
1368	A1368A-51-00	Mercury	0.02	mg/kg
1368	A1368B-51-00	Aluminum	2700.00	mg/kg
1368	A1368B-51-00	Antimony	2.10	mg/kg
1368	A1368B-51-00	Arsenic	1.50	mg/kg
1368	A1368B-51-00	Barium	37.00	mg/kg
1368	A1368B-51-00	Beryllium	0.18	mg/kg
1368	A1368B-51-00	Cadmium	0.52	mg/kg
1368	A1368B-51-00	Calcium	6200.00	mg/kg
1368	A1368B-51-00	Chromium	3.40	mg/kg
1368	A1368B-51-00	Cobalt	2.60	mg/kg
1368	A1368B-51-00	Copper	6.80	mg/kg
1368	A1368B-51-00	Iron	5400.00	mg/kg
1368	A1368B-51-00	Lead	4.10	mg/kg
1368	A1368B-51-00	Magnesium	2000.00	mg/kg
1368	A1368B-51-00	Manganese	91.00	mg/kg
1368	A1368B-51-00	Nickel	3.60	mg/kg
1368	A1368B-51-00	Potassium	630.00	mg/kg
1368	A1368B-51-00	Selenium	1.00	mg/kg
1368	A1368B-51-00	Silver	1.00	mg/kg
1368	A1368B-51-00	Sodium	160.00	mg/kg
1368	A1368B-51-00	Thallium	1.00	mg/kg
1368	A1368B-51-00	Vanadium	12.00	mg/kg
1368	A1368B-51-00	Zinc	46.00	mg/kg
1368	A1368B-51-00	Mercury	0.02	mg/kg
1369	A1369A-51-00	Arsenic	8.40	mg/kg
1369	A1369A-51-00	Lead	89.00	mg/kg
1369	A1369A-51-06	Arsenic	35.00	mg/kg
1369	A1369A-51-06	Lead	470.00	mg/kg
1370	A1370F-51-00	Aluminum	5500.00	mg/kg
1370	A1370F-51-00	Antimony	1.90	mg/kg
1370	A1370F-51-00	Arsenic	16.00	mg/kg
1370	A1370F-51-00	Barium	130.00	mg/kg
1370	A1370F-51-00	Beryllium	0.43	mg/kg
1370	A1370F-51-00	Cadmium	2.00	mg/kg
1370	A1370F-51-00	Calcium	34000.00	mg/kg
1370	A1370F-51-00	Chromium	7.40	mg/kg
1370	A1370F-51-00	Cobalt	4.50	mg/kg
1370	A1370F-51-00	Copper	38.00	mg/kg
1370	A1370F-51-00	Iron	18000.00	mg/kg
1370	A1370F-51-00	Lead	63.00	mg/kg
1370	A1370F-51-00	Magnesium	5000.00	mg/kg
1370	A1370F-51-00	Manganese	200.00	mg/kg
1370	A1370F-51-00	Nickel	7.90	mg/kg
1370	A1370F-51-00	Potassium	1500.00	mg/kg
1370	A1370F-51-00	Selenium	0.80	mg/kg
1370	A1370F-51-00	Silver	0.93	mg/kg

Analytical Maximums and Summary of Sample Locations

LOCATION	SAMPLE ID	ANALYTE	RESULT	UNIT
1370	A1370F-51-00	Sodium	190.00	mg/kg
1370	A1370F-51-00	Thallium	0.93	mg/kg
1370	A1370F-51-00	Vanadium	17.00	mg/kg
1370	A1370F-51-00	Zinc	94.00	mg/kg
1370	A1370F-51-00	Mercury	0.07	mg/kg
1370	A1370F-51-06	Arsenic	3.90	mg/kg
1370	A1370F-51-06	Lead	71.00	mg/kg
1370	A1370F-51-12	Arsenic	4.60	mg/kg
1370	A1370F-51-12	Lead	36.00	mg/kg
1370	A1370F-51-18	Arsenic	3.70	mg/kg
1370	A1370F-51-18	Lead	13.00	mg/kg
1370	A1370F-51-24	Arsenic	6.60	mg/kg
1370	A1370F-51-24	Lead	64.00	mg/kg
1371	A1371A-51-00	Arsenic	2.20	mg/kg
1371	A1371A-51-00	Lead	15.00	mg/kg
1371	A1371A-51-06	Arsenic	2.30	mg/kg
1371	A1371A-51-06	Lead	16.00	mg/kg
1371	A1371A-51-12	Arsenic	3.00	mg/kg
1371	A1371A-51-12	Lead	12.00	mg/kg
1371	A1371A-51-18	Arsenic	2.30	mg/kg
1371	A1371A-51-18	Lead	7.60	mg/kg
1372	A1372B-51-00	Arsenic	4.00	mg/kg
1372	A1372B-51-00	Lead	56.00	mg/kg
1372	A1372B-51-06	Arsenic	3.80	mg/kg
1372	A1372B-51-06	Lead	120.00	mg/kg
1372	A1372B-51-12	Arsenic	2.80	mg/kg
1372	A1372B-51-12	Lead	7.70	mg/kg
1372	A1372F-51-00	Arsenic	5.70	mg/kg
1372	A1372F-51-00	Lead	56.00	mg/kg
1372	A1372F-51-06	Arsenic	7.20	mg/kg
1372	A1372F-51-06	Lead	71.00	mg/kg
1372	A1372F-51-12	Arsenic	3.60	mg/kg
1372	A1372F-51-12	Lead	20.00	mg/kg
1372	A1372F-51-18	Arsenic	4.50	mg/kg
1372	A1372F-51-18	Lead	33.00	mg/kg
1372	A1372F-51-24	Arsenic	37.00	mg/kg
1372	A1372F-51-24	Lead	290.00	mg/kg
1373	A1373B-51-00	Arsenic	4.90	mg/kg
1373	A1373B-51-00	Lead	41.00	mg/kg
1373	A1373B-51-06	Arsenic	3.70	mg/kg
1373	A1373B-51-06	Lead	36.00	mg/kg
1373	A1373F-51-00	Arsenic	5.90	mg/kg
1373	A1373F-51-00	Lead	42.00	mg/kg
1373	A1373F-51-06	Arsenic	9.20	mg/kg
1373	A1373F-51-06	Lead	57.00	mg/kg
1373	A1373F-51-12	Arsenic	6.70	mg/kg
1373	A1373F-51-12	Lead	37.00	mg/kg
1373	A1373F-51-18	Arsenic	7.80	mg/kg
1373	A1373F-51-18	Lead	34.00	mg/kg
1373	A1373F-51-24	Arsenic	3.80	mg/kg
1373	A1373F-51-24	Lead	22.00	mg/kg
1374	A1374A-51-00	Arsenic	3.90	mg/kg
1374	A1374A-51-00	Lead	130.00	mg/kg
1375	A1375B-51-00	Arsenic	1.90	mg/kg
1375	A1375B-51-00	Lead	27.00	mg/kg
1375	A1375F-51-00	Arsenic	4.20	mg/kg
1375	A1375F-51-00	Lead	45.00	mg/kg
1376	A1376A-51-00	Arsenic	8.30	mg/kg
1376	A1376A-51-00	Lead	180.00	mg/kg

Analytical Maximums and Summary of Sample Locations

LOCATION	SAMPLE ID	ANALYTE	RESULT	UNIT
1376	A1376B-51-00	Arsenic	6.70	mg/kg
1376	A1376B-51-00	Lead	110.00	mg/kg
1377	A1377A-51-00	Arsenic	17.00	mg/kg
1377	A1377A-51-00	Lead	230.00	mg/kg
1377	A1377A-51-06	Arsenic	21.00	mg/kg
1377	A1377A-51-06	Lead	370.00	mg/kg
1377	A1377A-51-12	Arsenic	19.00	mg/kg
1377	A1377A-51-12	Lead	14.00	mg/kg
1377	A1377A-51-18	Arsenic	7.80	mg/kg
1377	A1377A-51-18	Lead	3.00	mg/kg
1377	A1377A-51-24	Arsenic	6.80	mg/kg
1377	A1377A-51-24	Lead	3.30	mg/kg
1378	A1378F-51-00	Aluminum	2300.00	mg/kg
1378	A1378F-51-00	Antimony	1.90	mg/kg
1378	A1378F-51-00	Arsenic	1.80	mg/kg
1378	A1378F-51-00	Barium	39.00	mg/kg
1378	A1378F-51-00	Beryllium	0.12	mg/kg
1378	A1378F-51-00	Cadmium	0.48	mg/kg
1378	A1378F-51-00	Calcium	5000.00	mg/kg
1378	A1378F-51-00	Chromium	3.20	mg/kg
1378	A1378F-51-00	Cobalt	1.80	mg/kg
1378	A1378F-51-00	Copper	9.50	mg/kg
1378	A1378F-51-00	Iron	4400.00	mg/kg
1378	A1378F-51-00	Lead	12.00	mg/kg
1378	A1378F-51-00	Magnesium	1200.00	mg/kg
1378	A1378F-51-00	Manganese	75.00	mg/kg
1378	A1378F-51-00	Nickel	3.00	mg/kg
1378	A1378F-51-00	Potassium	990.00	mg/kg
1378	A1378F-51-00	Selenium	0.94	mg/kg
1378	A1378F-51-00	Silver	0.94	mg/kg
1378	A1378F-51-00	Sodium	230.00	mg/kg
1378	A1378F-51-00	Thallium	0.94	mg/kg
1378	A1378F-51-00	Vanadium	9.20	mg/kg
1378	A1378F-51-00	Zinc	47.00	mg/kg
1378	A1378F-51-00	Mercury	0.01	mg/kg
1379	A1379A-51-00	Aluminum	1700.00	mg/kg
1379	A1379A-51-00	Antimony	2.10	mg/kg
1379	A1379A-51-00	Arsenic	1.90	mg/kg
1379	A1379A-51-00	Barium	24.00	mg/kg
1379	A1379A-51-00	Beryllium	0.10	mg/kg
1379	A1379A-51-00	Cadmium	0.21	mg/kg
1379	A1379A-51-00	Calcium	3600.00	mg/kg
1379	A1379A-51-00	Chromium	3.40	mg/kg
1379	A1379A-51-00	Cobalt	2.10	mg/kg
1379	A1379A-51-00	Copper	8.50	mg/kg
1379	A1379A-51-00	Iron	4700.00	mg/kg
1379	A1379A-51-00	Lead	7.60	mg/kg
1379	A1379A-51-00	Magnesium	1600.00	mg/kg
1379	A1379A-51-00	Manganese	82.00	mg/kg
1379	A1379A-51-00	Nickel	3.40	mg/kg
1379	A1379A-51-00	Potassium	460.00	mg/kg
1379	A1379A-51-00	Selenium	1.00	mg/kg
1379	A1379A-51-00	Silver	1.00	mg/kg
1379	A1379A-51-00	Sodium	74.00	mg/kg
1379	A1379A-51-00	Thallium	1.00	mg/kg
1379	A1379A-51-00	Vanadium	9.80	mg/kg
1379	A1379A-51-00	Zinc	37.00	mg/kg
1379	A1379A-51-00	Mercury	0.00	mg/kg
1379	A1379B-51-00	Aluminum	3800.00	mg/kg

Analytical Maximums and Summary of Sample Locations

LOCATION	SAMPLE ID	ANALYTE	RESULT	UNIT
1379	A1379B-51-00	Antimony	2.10	mg/kg
1379	A1379B-51-00	Arsenic	3.60	mg/kg
1379	A1379B-51-00	Barium	46.00	mg/kg
1379	A1379B-51-00	Beryllium	0.23	mg/kg
1379	A1379B-51-00	Cadmium	1.00	mg/kg
1379	A1379B-51-00	Calcium	10000.00	mg/kg
1379	A1379B-51-00	Chromium	5.80	mg/kg
1379	A1379B-51-00	Cobalt	2.20	mg/kg
1379	A1379B-51-00	Copper	51.00	mg/kg
1379	A1379B-51-00	Iron	6000.00	mg/kg
1379	A1379B-51-00	Lead	53.00	mg/kg
1379	A1379B-51-00	Magnesium	2600.00	mg/kg
1379	A1379B-51-00	Manganese	110.00	mg/kg
1379	A1379B-51-00	Nickel	4.30	mg/kg
1379	A1379B-51-00	Potassium	1500.00	mg/kg
1379	A1379B-51-00	Selenium	0.56	mg/kg
1379	A1379B-51-00	Silver	0.37	mg/kg
1379	A1379B-51-00	Sodium	77.00	mg/kg
1379	A1379B-51-00	Thallium	1.00	mg/kg
1379	A1379B-51-00	Vanadium	11.00	mg/kg
1379	A1379B-51-00	Zinc	80.00	mg/kg
1379	A1379B-51-00	Mercury	0.02	mg/kg
1380	A1380A-51-00	Aluminum	9300.00	mg/kg
1380	A1380A-51-00	Antimony	0.60	mg/kg
1380	A1380A-51-00	Arsenic	8.40	mg/kg
1380	A1380A-51-00	Barium	100.00	mg/kg
1380	A1380A-51-00	Beryllium	0.83	mg/kg
1380	A1380A-51-00	Cadmium	4.10	mg/kg
1380	A1380A-51-00	Calcium	23000.00	mg/kg
1380	A1380A-51-00	Chromium	10.00	mg/kg
1380	A1380A-51-00	Cobalt	4.60	mg/kg
1380	A1380A-51-00	Copper	130.00	mg/kg
1380	A1380A-51-00	Iron	12000.00	mg/kg
1380	A1380A-51-00	Lead	260.00	mg/kg
1380	A1380A-51-00	Magnesium	6200.00	mg/kg
1380	A1380A-51-00	Manganese	280.00	mg/kg
1380	A1380A-51-00	Nickel	9.70	mg/kg
1380	A1380A-51-00	Potassium	2800.00	mg/kg
1380	A1380A-51-00	Selenium	0.63	mg/kg
1380	A1380A-51-00	Silver	0.69	mg/kg
1380	A1380A-51-00	Sodium	710.00	mg/kg
1380	A1380A-51-00	Thallium	0.96	mg/kg
1380	A1380A-51-00	Vanadium	16.00	mg/kg
1380	A1380A-51-00	Zinc	260.00	mg/kg
1380	A1380A-51-00	Mercury	0.13	mg/kg
1381	A1381A-51-00	Aluminum	2800.00	mg/kg
1381	A1381A-51-00	Antimony	2.10	mg/kg
1381	A1381A-51-00	Arsenic	2.20	mg/kg
1381	A1381A-51-00	Barium	62.00	mg/kg
1381	A1381A-51-00	Beryllium	0.18	mg/kg
1381	A1381A-51-00	Cadmium	0.26	mg/kg
1381	A1381A-51-00	Calcium	24000.00	mg/kg
1381	A1381A-51-00	Chromium	4.90	mg/kg
1381	A1381A-51-00	Cobalt	2.70	mg/kg
1381	A1381A-51-00	Copper	11.00	mg/kg
1381	A1381A-51-00	Iron	6500.00	mg/kg
1381	A1381A-51-00	Lead	6.60	mg/kg
1381	A1381A-51-00	Magnesium	6000.00	mg/kg
1381	A1381A-51-00	Manganese	130.00	mg/kg

Analytical Maximums and Summary of Sample Locations

LOCATION	SAMPLE ID	ANALYTE	RESULT	UNIT
1381	A1381A-51-00	Nickel	4.30	mg/kg
1381	A1381A-51-00	Potassium	820.00	mg/kg
1381	A1381A-51-00	Selenium	0.47	mg/kg
1381	A1381A-51-00	Silver	1.00	mg/kg
1381	A1381A-51-00	Sodium	95.00	mg/kg
1381	A1381A-51-00	Thallium	1.00	mg/kg
1381	A1381A-51-00	Vanadium	15.00	mg/kg
1381	A1381A-51-00	Zinc	27.00	mg/kg
1381	A1381A-51-00	Mercury	0.00	mg/kg
1382	A1382F-51-00	Arsenic	11.00	mg/kg
1382	A1382F-51-00	Lead	100.00	mg/kg
1383	A1383A-51-00	Aluminum	5300.00	mg/kg
1383	A1383A-51-00	Antimony	2.30	mg/kg
1383	A1383A-51-00	Arsenic	2.00	mg/kg
1383	A1383A-51-00	Barium	110.00	mg/kg
1383	A1383A-51-00	Beryllium	0.29	mg/kg
1383	A1383A-51-00	Cadmium	0.21	mg/kg
1383	A1383A-51-00	Calcium	14000.00	mg/kg
1383	A1383A-51-00	Chromium	6.20	mg/kg
1383	A1383A-51-00	Cobalt	3.90	mg/kg
1383	A1383A-51-00	Copper	9.60	mg/kg
1383	A1383A-51-00	Iron	9000.00	mg/kg
1383	A1383A-51-00	Lead	10.00	mg/kg
1383	A1383A-51-00	Magnesium	2800.00	mg/kg
1383	A1383A-51-00	Manganese	170.00	mg/kg
1383	A1383A-51-00	Nickel	4.70	mg/kg
1383	A1383A-51-00	Potassium	1300.00	mg/kg
1383	A1383A-51-00	Selenium	1.10	mg/kg
1383	A1383A-51-00	Silver	1.10	mg/kg
1383	A1383A-51-00	Sodium	520.00	mg/kg
1383	A1383A-51-00	Thallium	1.10	mg/kg
1383	A1383A-51-00	Vanadium	21.00	mg/kg
1383	A1383A-51-00	Zinc	33.00	mg/kg
1383	A1383A-51-00	Mercury	0.00	mg/kg
1384	A1384A-51-00	Arsenic	12.00	mg/kg
1384	A1384A-51-00	Lead	110.00	mg/kg
1384	A1384B-51-00	Arsenic	6.40	mg/kg
1384	A1384B-51-00	Lead	41.00	mg/kg
1385	A1385B-51-00	Arsenic	2.20	mg/kg
1385	A1385B-51-00	Lead	29.00	mg/kg
1385	A1385F-51-00	Arsenic	3.40	mg/kg
1385	A1385F-51-00	Lead	13.00	mg/kg
1386	A1386F-51-00	Arsenic	3.90	mg/kg
1386	A1386F-51-00	Lead	31.00	mg/kg
1386	A1386F-51-06	Arsenic	11.00	mg/kg
1386	A1386F-51-06	Lead	150.00	mg/kg
1386	A1386F-51-12	Arsenic	6.40	mg/kg
1386	A1386F-51-12	Lead	55.00	mg/kg
1386	A1386F-51-18	Arsenic	7.00	mg/kg
1386	A1386F-51-18	Lead	82.00	mg/kg
1386	A1386F-51-24	Arsenic	3.30	mg/kg
1386	A1386F-51-24	Lead	89.00	mg/kg
1387	A1387A-51-00	Aluminum	5000.00	mg/kg
1387	A1387A-51-00	Antimony	0.69	mg/kg
1387	A1387A-51-00	Arsenic	2.30	mg/kg
1387	A1387A-51-00	Barium	170.00	mg/kg
1387	A1387A-51-00	Beryllium	0.35	mg/kg
1387	A1387A-51-00	Cadmium	0.18	mg/kg
1387	A1387A-51-00	Calcium	12000.00	mg/kg

Analytical Maximums and Summary of Sample Locations

LOCATION	SAMPLE ID	ANALYTE	RESULT	UNIT
1387	A1387A-51-00	Chromium	5.20	mg/kg
1387	A1387A-51-00	Cobalt	3.20	mg/kg
1387	A1387A-51-00	Copper	7.70	mg/kg
1387	A1387A-51-00	Iron	7700.00	mg/kg
1387	A1387A-51-00	Lead	8.10	mg/kg
1387	A1387A-51-00	Magnesium	2600.00	mg/kg
1387	A1387A-51-00	Manganese	170.00	mg/kg
1387	A1387A-51-00	Nickel	4.10	mg/kg
1387	A1387A-51-00	Potassium	1300.00	mg/kg
1387	A1387A-51-00	Selenium	1.10	mg/kg
1387	A1387A-51-00	Silver	1.10	mg/kg
1387	A1387A-51-00	Sodium	270.00	mg/kg
1387	A1387A-51-00	Thallium	1.10	mg/kg
1387	A1387A-51-00	Vanadium	17.00	mg/kg
1387	A1387A-51-00	Zinc	24.00	mg/kg
1387	A1387A-51-00	Mercury	0.00	mg/kg
1387	A1387B-51-00	Aluminum	4200.00	mg/kg
1387	A1387B-51-00	Antimony	0.70	mg/kg
1387	A1387B-51-00	Arsenic	1.70	mg/kg
1387	A1387B-51-00	Barium	130.00	mg/kg
1387	A1387B-51-00	Beryllium	0.28	mg/kg
1387	A1387B-51-00	Cadmium	0.58	mg/kg
1387	A1387B-51-00	Calcium	8900.00	mg/kg
1387	A1387B-51-00	Chromium	5.50	mg/kg
1387	A1387B-51-00	Cobalt	3.30	mg/kg
1387	A1387B-51-00	Copper	5.10	mg/kg
1387	A1387B-51-00	Iron	8300.00	mg/kg
1387	A1387B-51-00	Lead	5.90	mg/kg
1387	A1387B-51-00	Magnesium	2100.00	mg/kg
1387	A1387B-51-00	Manganese	160.00	mg/kg
1387	A1387B-51-00	Nickel	3.70	mg/kg
1387	A1387B-51-00	Potassium	1100.00	mg/kg
1387	A1387B-51-00	Selenium	1.20	mg/kg
1387	A1387B-51-00	Silver	1.20	mg/kg
1387	A1387B-51-00	Sodium	300.00	mg/kg
1387	A1387B-51-00	Thallium	1.20	mg/kg
1387	A1387B-51-00	Vanadium	20.00	mg/kg
1387	A1387B-51-00	Zinc	24.00	mg/kg
1387	A1387B-51-00	Mercury	0.00	mg/kg
1388	A1388A-51-00	Arsenic	10.00	mg/kg
1388	A1388A-51-00	Lead	56.00	mg/kg
1389	A1389B-51-00	Aluminum	5100.00	mg/kg
1389	A1389B-51-00	Antimony	2.40	mg/kg
1389	A1389B-51-00	Arsenic	4.30	mg/kg
1389	A1389B-51-00	Barium	99.00	mg/kg
1389	A1389B-51-00	Beryllium	0.30	mg/kg
1389	A1389B-51-00	Cadmium	1.00	mg/kg
1389	A1389B-51-00	Calcium	16000.00	mg/kg
1389	A1389B-51-00	Chromium	6.80	mg/kg
1389	A1389B-51-00	Cobalt	3.50	mg/kg
1389	A1389B-51-00	Copper	58.00	mg/kg
1389	A1389B-51-00	Iron	7900.00	mg/kg
1389	A1389B-51-00	Lead	34.00	mg/kg
1389	A1389B-51-00	Magnesium	2800.00	mg/kg
1389	A1389B-51-00	Manganese	230.00	mg/kg
1389	A1389B-51-00	Nickel	6.80	mg/kg
1389	A1389B-51-00	Potassium	1600.00	mg/kg
1389	A1389B-51-00	Selenium	1.20	mg/kg
1389	A1389B-51-00	Silver	0.27	mg/kg

Analytical Maximums and Summary of Sample Locations

LOCATION	SAMPLE ID	ANALYTE	RESULT	UNIT
1389	A1389B-51-00	Sodium	580.00	mg/kg
1389	A1389B-51-00	Thallium	1.20	mg/kg
1389	A1389B-51-00	Vanadium	14.00	mg/kg
1389	A1389B-51-00	Zinc	160.00	mg/kg
1389	A1389B-51-00	Mercury	0.03	mg/kg
1389	A1389B-51-06	Arsenic	25.00	mg/kg
1389	A1389B-51-06	Lead	67.00	mg/kg
1389	A1389F-51-00	Aluminum	5400.00	mg/kg
1389	A1389F-51-00	Antimony	0.73	mg/kg
1389	A1389F-51-00	Arsenic	6.10	mg/kg
1389	A1389F-51-00	Barium	120.00	mg/kg
1389	A1389F-51-00	Beryllium	0.34	mg/kg
1389	A1389F-51-00	Cadmium	2.30	mg/kg
1389	A1389F-51-00	Calcium	24000.00	mg/kg
1389	A1389F-51-00	Chromium	8.80	mg/kg
1389	A1389F-51-00	Cobalt	4.00	mg/kg
1389	A1389F-51-00	Copper	91.00	mg/kg
1389	A1389F-51-00	Iron	8300.00	mg/kg
1389	A1389F-51-00	Lead	84.00	mg/kg
1389	A1389F-51-00	Magnesium	4500.00	mg/kg
1389	A1389F-51-00	Manganese	280.00	mg/kg
1389	A1389F-51-00	Nickel	11.00	mg/kg
1389	A1389F-51-00	Potassium	2200.00	mg/kg
1389	A1389F-51-00	Selenium	1.10	mg/kg
1389	A1389F-51-00	Silver	0.34	mg/kg
1389	A1389F-51-00	Sodium	470.00	mg/kg
1389	A1389F-51-00	Thallium	1.10	mg/kg
1389	A1389F-51-00	Vanadium	16.00	mg/kg
1389	A1389F-51-00	Zinc	170.00	mg/kg
1389	A1389F-51-00	Mercury	0.06	mg/kg
1390	A1390B-51-00	Aluminum	6400.00	mg/kg
1390	A1390B-51-00	Antimony	2.10	mg/kg
1390	A1390B-51-00	Arsenic	2.90	mg/kg
1390	A1390B-51-00	Barium	110.00	mg/kg
1390	A1390B-51-00	Beryllium	0.38	mg/kg
1390	A1390B-51-00	Cadmium	0.42	mg/kg
1390	A1390B-51-00	Calcium	24000.00	mg/kg
1390	A1390B-51-00	Chromium	6.60	mg/kg
1390	A1390B-51-00	Cobalt	4.00	mg/kg
1390	A1390B-51-00	Copper	18.00	mg/kg
1390	A1390B-51-00	Iron	8800.00	mg/kg
1390	A1390B-51-00	Lead	15.00	mg/kg
1390	A1390B-51-00	Magnesium	6300.00	mg/kg
1390	A1390B-51-00	Manganese	200.00	mg/kg
1390	A1390B-51-00	Nickel	5.50	mg/kg
1390	A1390B-51-00	Potassium	1900.00	mg/kg
1390	A1390B-51-00	Selenium	1.00	mg/kg
1390	A1390B-51-00	Silver	1.00	mg/kg
1390	A1390B-51-00	Sodium	750.00	mg/kg
1390	A1390B-51-00	Thallium	1.00	mg/kg
1390	A1390B-51-00	Vanadium	21.00	mg/kg
1390	A1390B-51-00	Zinc	53.00	mg/kg
1390	A1390B-51-00	Mercury	0.01	mg/kg
1390	A1390B-51-06	Arsenic	2.60	mg/kg
1390	A1390B-51-06	Lead	10.00	mg/kg
1390	A1390B-51-12	Arsenic	7.80	mg/kg
1390	A1390B-51-12	Lead	22.00	mg/kg
1390	A1390F-51-00	Arsenic	6.70	mg/kg
1390	A1390F-51-00	Lead	54.00	mg/kg

Analytical Maximums and Summary of Sample Locations

LOCATION	SAMPLE ID	ANALYTE	RESULT	UNIT
1390	A1390F-51-06	Aluminum	7900.00	mg/kg
1390	A1390F-51-06	Antimony	2.20	mg/kg
1390	A1390F-51-06	Arsenic	7.10	mg/kg
1390	A1390F-51-06	Barium	190.00	mg/kg
1390	A1390F-51-06	Beryllium	0.46	mg/kg
1390	A1390F-51-06	Cadmium	0.41	mg/kg
1390	A1390F-51-06	Chromium	8.00	mg/kg
1390	A1390F-51-06	Cobalt	4.30	mg/kg
1390	A1390F-51-06	Copper	15.00	mg/kg
1390	A1390F-51-06	Iron	8900.00	mg/kg
1390	A1390F-51-06	Lead	12.00	mg/kg
1390	A1390F-51-06	Magnesium	20000.00	mg/kg
1390	A1390F-51-06	Manganese	150.00	mg/kg
1390	A1390F-51-06	Nickel	6.50	mg/kg
1390	A1390F-51-06	Potassium	2000.00	mg/kg
1390	A1390F-51-06	Selenium	1.10	mg/kg
1390	A1390F-51-06	Silver	1.10	mg/kg
1390	A1390F-51-06	Sodium	440.00	mg/kg
1390	A1390F-51-06	Thallium	1.10	mg/kg
1390	A1390F-51-06	Vanadium	21.00	mg/kg
1390	A1390F-51-06	Zinc	32.00	mg/kg
1390	A1390F-51-06	Calcium	65000.00	mg/kg
1390	A1390F-51-06	Mercury	0.02	mg/kg
1390	A1390F-51-12	Arsenic	7.60	mg/kg
1390	A1390F-51-12	Lead	14.00	mg/kg
1390	A1390F-51-18	Arsenic	4.50	mg/kg
1390	A1390F-51-18	Lead	4.30	mg/kg
1390	A1390F-51-24	Arsenic	5.50	mg/kg
1390	A1390F-51-24	Lead	8.60	mg/kg
1391	A1391A-51-00	Aluminum	1400.00	mg/kg
1391	A1391A-51-00	Antimony	1.90	mg/kg
1391	A1391A-51-00	Arsenic	3.10	mg/kg
1391	A1391A-51-00	Barium	31.00	mg/kg
1391	A1391A-51-00	Beryllium	0.16	mg/kg
1391	A1391A-51-00	Cadmium	0.50	mg/kg
1391	A1391A-51-00	Calcium	290000.00	mg/kg
1391	A1391A-51-00	Chromium	3.00	mg/kg
1391	A1391A-51-00	Cobalt	1.00	mg/kg
1391	A1391A-51-00	Copper	14.00	mg/kg
1391	A1391A-51-00	Iron	4000.00	mg/kg
1391	A1391A-51-00	Lead	8.40	mg/kg
1391	A1391A-51-00	Magnesium	6000.00	mg/kg
1391	A1391A-51-00	Manganese	130.00	mg/kg
1391	A1391A-51-00	Nickel	2.70	mg/kg
1391	A1391A-51-00	Potassium	560.00	mg/kg
1391	A1391A-51-00	Selenium	0.94	mg/kg
1391	A1391A-51-00	Silver	0.94	mg/kg
1391	A1391A-51-00	Sodium	1100.00	mg/kg
1391	A1391A-51-00	Thallium	0.94	mg/kg
1391	A1391A-51-00	Vanadium	6.80	mg/kg
1391	A1391A-51-00	Zinc	18.00	mg/kg
1391	A1391A-51-00	Mercury	0.00	mg/kg
1392	A1392A-51-00	Aluminum	3500.00	mg/kg
1392	A1392A-51-00	Antimony	1.90	mg/kg
1392	A1392A-51-00	Arsenic	2.30	mg/kg
1392	A1392A-51-00	Barium	44.00	mg/kg
1392	A1392A-51-00	Beryllium	0.17	mg/kg
1392	A1392A-51-00	Cadmium	0.23	mg/kg
1392	A1392A-51-00	Calcium	12000.00	mg/kg

Analytical Maximums and Summary of Sample Locations

LOCATION	SAMPLE ID	ANALYTE	RESULT	UNIT
1392	A1392A-51-00	Chromium	14.00	mg/kg
1392	A1392A-51-00	Cobalt	1.80	mg/kg
1392	A1392A-51-00	Copper	13.00	mg/kg
1392	A1392A-51-00	Iron	5100.00	mg/kg
1392	A1392A-51-00	Lead	15.00	mg/kg
1392	A1392A-51-00	Magnesium	4800.00	mg/kg
1392	A1392A-51-00	Manganese	90.00	mg/kg
1392	A1392A-51-00	Nickel	3.60	mg/kg
1392	A1392A-51-00	Potassium	1000.00	mg/kg
1392	A1392A-51-00	Selenium	0.94	mg/kg
1392	A1392A-51-00	Silver	0.94	mg/kg
1392	A1392A-51-00	Sodium	100.00	mg/kg
1392	A1392A-51-00	Thallium	0.94	mg/kg
1392	A1392A-51-00	Vanadium	9.80	mg/kg
1392	A1392A-51-00	Zinc	43.00	mg/kg
1392	A1392A-51-00	Mercury	0.01	mg/kg
1393	A1393A-51-00	Arsenic	2.90	mg/kg
1393	A1393A-51-00	Lead	7.00	mg/kg
1393	A1393B-51-00	Arsenic	1.40	mg/kg
1393	A1393B-51-00	Lead	3.80	mg/kg
1394	A1394A-51-00	Arsenic	2.90	mg/kg
1394	A1394A-51-00	Lead	63.00	mg/kg
1395	A1395A-51-00	Arsenic	2.40	mg/kg
1395	A1395A-51-00	Lead	6.10	mg/kg
1395	A1395B-51-00	Arsenic	4.70	mg/kg
1395	A1395B-51-00	Lead	23.00	mg/kg
1396	A1396B-51-00	Arsenic	3.70	mg/kg
1396	A1396B-51-00	Lead	16.00	mg/kg
1396	A1396F-51-00	Arsenic	15.00	mg/kg
1396	A1396F-51-00	Lead	26.00	mg/kg
1397	A1397B-51-00	Arsenic	29.00	mg/kg
1397	A1397B-51-00	Lead	600.00	mg/kg
1397	A1397F-51-00	Arsenic	40.00	mg/kg
1397	A1397F-51-00	Lead	920.00	mg/kg
1398	A1398A-51-00	Arsenic	23.00	mg/kg
1398	A1398A-51-00	Lead	470.00	mg/kg
1398	A1398A-51-06	Arsenic	31.00	mg/kg
1398	A1398A-51-06	Lead	700.00	mg/kg
1399	A1399A-51-00	Arsenic	3.80	mg/kg
1399	A1399A-51-00	Lead	67.00	mg/kg
1400	A1400A-51-00	Arsenic	9.80	mg/kg
1400	A1400A-51-00	Lead	60.00	mg/kg
1401	A1401A-51-00	Arsenic	25.00	mg/kg
1401	A1401A-51-00	Lead	590.00	mg/kg
1401	A1401A-51-06	Arsenic	29.00	mg/kg
1401	A1401A-51-06	Lead	570.00	mg/kg
1402	A1402A-51-00	Arsenic	5.40	mg/kg
1402	A1402A-51-00	Lead	73.00	mg/kg
1403	A1403A-51-00	Arsenic	4.50	mg/kg
1403	A1403A-51-00	Lead	66.00	mg/kg
1403	A1403A-51-06	Arsenic	4.40	mg/kg
1403	A1403A-51-06	Lead	70.00	mg/kg
1404	A1404A-51-00	Arsenic	9.40	mg/kg
1404	A1404A-51-00	Lead	150.00	mg/kg
1404	A1404B-51-00	Arsenic	3.10	mg/kg
1404	A1404B-51-00	Lead	38.00	mg/kg
1405	A1405R-51-00	Arsenic	6.60	mg/kg
1405	A1405R-51-00	Lead	150.00	mg/kg
1406	A1406A-51-00	Arsenic	2.30	mg/kg

Analytical Maximums and Summary of Sample Locations

LOCATION	SAMPLE ID	ANALYTE	RESULT	UNIT
1406	A1406A-51-00	Lead	20.00	mg/kg
1406	A1406B-51-00	Arsenic	2.80	mg/kg
1406	A1406B-51-00	Lead	35.00	mg/kg
1407	A1407A-51-00	Arsenic	3.80	mg/kg
1407	A1407A-51-00	Lead	21.00	mg/kg
1407	A1407B-51-00	Arsenic	3.70	mg/kg
1407	A1407B-51-00	Lead	20.00	mg/kg
1408	A1408A-51-00	Aluminum	9300.00	mg/kg
1408	A1408A-51-00	Antimony	2.10	mg/kg
1408	A1408A-51-00	Arsenic	6.50	mg/kg
1408	A1408A-51-00	Barium	140.00	mg/kg
1408	A1408A-51-00	Beryllium	0.49	mg/kg
1408	A1408A-51-00	Cadmium	1.20	mg/kg
1408	A1408A-51-00	Calcium	80000.00	mg/kg
1408	A1408A-51-00	Chromium	7.00	mg/kg
1408	A1408A-51-00	Cobalt	4.30	mg/kg
1408	A1408A-51-00	Copper	28.00	mg/kg
1408	A1408A-51-00	Iron	10000.00	mg/kg
1408	A1408A-51-00	Lead	20.00	mg/kg
1408	A1408A-51-00	Magnesium	29000.00	mg/kg
1408	A1408A-51-00	Manganese	320.00	mg/kg
1408	A1408A-51-00	Nickel	7.40	mg/kg
1408	A1408A-51-00	Potassium	2800.00	mg/kg
1408	A1408A-51-00	Selenium	0.69	mg/kg
1408	A1408A-51-00	Silver	0.22	mg/kg
1408	A1408A-51-00	Sodium	1200.00	mg/kg
1408	A1408A-51-00	Thallium	1.00	mg/kg
1408	A1408A-51-00	Vanadium	22.00	mg/kg
1408	A1408A-51-00	Zinc	40.00	mg/kg
1408	A1408A-51-00	Mercury	0.01	mg/kg
1408	A1408A-51-06	Aluminum	9900.00	mg/kg
1408	A1408A-51-06	Antimony	2.20	mg/kg
1408	A1408A-51-06	Arsenic	3.80	mg/kg
1408	A1408A-51-06	Barium	150.00	mg/kg
1408	A1408A-51-06	Beryllium	0.50	mg/kg
1408	A1408A-51-06	Cadmium	0.96	mg/kg
1408	A1408A-51-06	Calcium	46000.00	mg/kg
1408	A1408A-51-06	Chromium	8.00	mg/kg
1408	A1408A-51-06	Cobalt	4.70	mg/kg
1408	A1408A-51-06	Copper	11.00	mg/kg
1408	A1408A-51-06	Iron	12000.00	mg/kg
1408	A1408A-51-06	Lead	8.70	mg/kg
1408	A1408A-51-06	Magnesium	8300.00	mg/kg
1408	A1408A-51-06	Manganese	320.00	mg/kg
1408	A1408A-51-06	Nickel	7.70	mg/kg
1408	A1408A-51-06	Potassium	3200.00	mg/kg
1408	A1408A-51-06	Selenium	0.86	mg/kg
1408	A1408A-51-06	Silver	1.10	mg/kg
1408	A1408A-51-06	Sodium	2800.00	mg/kg
1408	A1408A-51-06	Thallium	1.10	mg/kg
1408	A1408A-51-06	Vanadium	25.00	mg/kg
1408	A1408A-51-06	Zinc	32.00	mg/kg
1408	A1408A-51-06	Mercury	0.00	mg/kg
1409	A1409A-51-00	Arsenic	1.40	mg/kg
1409	A1409A-51-00	Lead	6.40	mg/kg
1409	A1409B-51-00	Arsenic	8.80	mg/kg
1409	A1409B-51-00	Lead	130.00	mg/kg
1409	A1409C-51-00	Arsenic	11.00	mg/kg
1409	A1409C-51-00	Lead	190.00	mg/kg

Analytical Maximums and Summary of Sample Locations

LOCATION	SAMPLE ID	ANALYTE	RESULT	UNIT
1410	A1410B-51-00	Arsenic	21.00	mg/kg
1410	A1410B-51-00	Lead	430.00	mg/kg
1410	A1410B-51-06	Arsenic	17.00	mg/kg
1410	A1410B-51-06	Lead	510.00	mg/kg
1410	A1410B-51-12	Arsenic	5.70	mg/kg
1410	A1410B-51-12	Lead	71.00	mg/kg
1410	A1410L-51-00	Arsenic	24.00	mg/kg
1410	A1410L-51-00	Lead	560.00	mg/kg
1410	A1410L-51-06	Arsenic	21.00	mg/kg
1410	A1410L-51-06	Lead	230.00	mg/kg
1410	A1410L-51-12	Arsenic	19.00	mg/kg
1410	A1410L-51-12	Lead	150.00	mg/kg
1410	A1410L-51-18	Arsenic	14.00	mg/kg
1410	A1410L-51-18	Lead	24.00	mg/kg
1410	A1410L-51-24	Arsenic	13.00	mg/kg
1410	A1410L-51-24	Lead	27.00	mg/kg
1411	A1411B-51-00	Arsenic	18.00	mg/kg
1411	A1411B-51-00	Lead	330.00	mg/kg
1411	A1411B-51-06	Arsenic	18.00	mg/kg
1411	A1411B-51-06	Lead	260.00	mg/kg
1411	A1411B-51-12	Arsenic	12.00	mg/kg
1411	A1411B-51-12	Lead	110.00	mg/kg
1411	A1411F-51-00	Arsenic	38.00	mg/kg
1411	A1411F-51-00	Lead	650.00	mg/kg
1411	A1411F-51-06	Arsenic	40.00	mg/kg
1411	A1411F-51-06	Lead	850.00	mg/kg
1411	A1411F-51-12	Arsenic	35.00	mg/kg
1411	A1411F-51-12	Lead	32.00	mg/kg
1411	A1411F-51-18	Arsenic	12.00	mg/kg
1411	A1411F-51-18	Lead	21.00	mg/kg
1411	A1411F-51-24	Arsenic	6.60	mg/kg
1411	A1411F-51-24	Lead	4.30	mg/kg
1412	A1412-51-00	Arsenic	3.00	mg/kg
1412	A1412-51-00	Lead	15.00	mg/kg
1413	A1413-51-00	Arsenic	16.00	mg/kg
1413	A1413-51-00	Lead	130.00	mg/kg
1414	A1414-51-00	Arsenic	10.00	mg/kg
1414	A1414-51-00	Lead	31.00	mg/kg
1415	A1415B-51-00	Aluminum	7400.00	mg/kg
1415	A1415B-51-00	Antimony	1.80	mg/kg
1415	A1415B-51-00	Arsenic	15.00	mg/kg
1415	A1415B-51-00	Barium	98.00	mg/kg
1415	A1415B-51-00	Beryllium	0.54	mg/kg
1415	A1415B-51-00	Cadmium	7.50	mg/kg
1415	A1415B-51-00	Calcium	24000.00	mg/kg
1415	A1415B-51-00	Chromium	11.00	mg/kg
1415	A1415B-51-00	Cobalt	4.30	mg/kg
1415	A1415B-51-00	Copper	290.00	mg/kg
1415	A1415B-51-00	Iron	10000.00	mg/kg
1415	A1415B-51-00	Lead	260.00	mg/kg
1415	A1415B-51-00	Magnesium	5200.00	mg/kg
1415	A1415B-51-00	Manganese	200.00	mg/kg
1415	A1415B-51-00	Nickel	8.70	mg/kg
1415	A1415B-51-00	Potassium	2400.00	mg/kg
1415	A1415B-51-00	Selenium	0.73	mg/kg
1415	A1415B-51-00	Silver	2.00	mg/kg
1415	A1415B-51-00	Sodium	150.00	mg/kg
1415	A1415B-51-00	Thallium	0.93	mg/kg
1415	A1415B-51-00	Vanadium	16.00	mg/kg

Analytical Maximums and Summary of Sample Locations

LOCATION	SAMPLE ID	ANALYTE	RESULT	UNIT
1415	A1415B-51-00	Zinc	350.00	mg/kg
1415	A1415B-51-00	Mercury	0.17	mg/kg
1415	A1415B-51-06	Aluminum	6300.00	mg/kg
1415	A1415B-51-06	Antimony	1.70	mg/kg
1415	A1415B-51-06	Arsenic	13.00	mg/kg
1415	A1415B-51-06	Barium	72.00	mg/kg
1415	A1415B-51-06	Beryllium	0.52	mg/kg
1415	A1415B-51-06	Cadmium	7.00	mg/kg
1415	A1415B-51-06	Calcium	15000.00	mg/kg
1415	A1415B-51-06	Chromium	12.00	mg/kg
1415	A1415B-51-06	Cobalt	3.50	mg/kg
1415	A1415B-51-06	Copper	210.00	mg/kg
1415	A1415B-51-06	Iron	8500.00	mg/kg
1415	A1415B-51-06	Lead	210.00	mg/kg
1415	A1415B-51-06	Magnesium	3900.00	mg/kg
1415	A1415B-51-06	Manganese	170.00	mg/kg
1415	A1415B-51-06	Nickel	7.60	mg/kg
1415	A1415B-51-06	Potassium	2100.00	mg/kg
1415	A1415B-51-06	Selenium	0.55	mg/kg
1415	A1415B-51-06	Silver	1.20	mg/kg
1415	A1415B-51-06	Sodium	110.00	mg/kg
1415	A1415B-51-06	Thallium	1.10	mg/kg
1415	A1415B-51-06	Vanadium	14.00	mg/kg
1415	A1415B-51-06	Zinc	240.00	mg/kg
1415	A1415B-51-06	Mercury	0.14	mg/kg
1415	A1415F-51-00	Aluminum	6400.00	mg/kg
1415	A1415F-51-00	Antimony	1.70	mg/kg
1415	A1415F-51-00	Arsenic	16.00	mg/kg
1415	A1415F-51-00	Barium	98.00	mg/kg
1415	A1415F-51-00	Beryllium	0.45	mg/kg
1415	A1415F-51-00	Cadmium	9.30	mg/kg
1415	A1415F-51-00	Calcium	19000.00	mg/kg
1415	A1415F-51-00	Chromium	13.00	mg/kg
1415	A1415F-51-00	Cobalt	4.20	mg/kg
1415	A1415F-51-00	Copper	290.00	mg/kg
1415	A1415F-51-00	Iron	11000.00	mg/kg
1415	A1415F-51-00	Lead	350.00	mg/kg
1415	A1415F-51-00	Magnesium	5300.00	mg/kg
1415	A1415F-51-00	Manganese	210.00	mg/kg
1415	A1415F-51-00	Nickel	8.20	mg/kg
1415	A1415F-51-00	Potassium	1800.00	mg/kg
1415	A1415F-51-00	Selenium	1.30	mg/kg
1415	A1415F-51-00	Silver	1.50	mg/kg
1415	A1415F-51-00	Sodium	360.00	mg/kg
1415	A1415F-51-00	Thallium	0.68	mg/kg
1415	A1415F-51-00	Vanadium	16.00	mg/kg
1415	A1415F-51-00	Zinc	350.00	mg/kg
1415	A1415F-51-00	Mercury	0.36	mg/kg
1415	A1415F-51-06	Aluminum	5700.00	mg/kg
1415	A1415F-51-06	Antimony	1.10	mg/kg
1415	A1415F-51-06	Arsenic	9.10	mg/kg
1415	A1415F-51-06	Barium	160.00	mg/kg
1415	A1415F-51-06	Beryllium	0.36	mg/kg
1415	A1415F-51-06	Cadmium	3.90	mg/kg
1415	A1415F-51-06	Calcium	130000.00	mg/kg
1415	A1415F-51-06	Chromium	8.20	mg/kg
1415	A1415F-51-06	Cobalt	3.20	mg/kg
1415	A1415F-51-06	Copper	100.00	mg/kg
1415	A1415F-51-06	Iron	6700.00	mg/kg

Analytical Maximums and Summary of Sample Locations

LOCATION	SAMPLE ID	ANALYTE	RESULT	UNIT
1415	A1415F-51-06	Lead	110.00	mg/kg
1415	A1415F-51-06	Magnesium	17000.00	mg/kg
1415	A1415F-51-06	Manganese	170.00	mg/kg
1415	A1415F-51-06	Nickel	7.20	mg/kg
1415	A1415F-51-06	Potassium	1600.00	mg/kg
1415	A1415F-51-06	Selenium	0.65	mg/kg
1415	A1415F-51-06	Silver	0.31	mg/kg
1415	A1415F-51-06	Sodium	280.00	mg/kg
1415	A1415F-51-06	Thallium	1.00	mg/kg
1415	A1415F-51-06	Vanadium	14.00	mg/kg
1415	A1415F-51-06	Zinc	120.00	mg/kg
1415	A1415F-51-06	Mercury	0.14	mg/kg
1416	A1416-51-00	Aluminum	5800.00	mg/kg
1416	A1416-51-00	Antimony	0.59	mg/kg
1416	A1416-51-00	Arsenic	9.90	mg/kg
1416	A1416-51-00	Barium	150.00	mg/kg
1416	A1416-51-00	Beryllium	0.32	mg/kg
1416	A1416-51-00	Cadmium	4.90	mg/kg
1416	A1416-51-00	Calcium	7900.00	mg/kg
1416	A1416-51-00	Chromium	15.00	mg/kg
1416	A1416-51-00	Cobalt	6.70	mg/kg
1416	A1416-51-00	Copper	39.00	mg/kg
1416	A1416-51-00	Iron	19000.00	mg/kg
1416	A1416-51-00	Lead	17.00	mg/kg
1416	A1416-51-00	Magnesium	4500.00	mg/kg
1416	A1416-51-00	Manganese	260.00	mg/kg
1416	A1416-51-00	Nickel	16.00	mg/kg
1416	A1416-51-00	Potassium	1200.00	mg/kg
1416	A1416-51-00	Selenium	0.93	mg/kg
1416	A1416-51-00	Silver	0.93	mg/kg
1416	A1416-51-00	Sodium	240.00	mg/kg
1416	A1416-51-00	Thallium	0.93	mg/kg
1416	A1416-51-00	Vanadium	24.00	mg/kg
1416	A1416-51-00	Zinc	57.00	mg/kg
1416	A1416-51-00	Mercury	0.02	mg/kg
1417	A1417-51-00	Aluminum	600.00	mg/kg
1417	A1417-51-00	Antimony	1.90	mg/kg
1417	A1417-51-00	Arsenic	2.00	mg/kg
1417	A1417-51-00	Barium	480.00	mg/kg
1417	A1417-51-00	Beryllium	0.16	mg/kg
1417	A1417-51-00	Cadmium	0.29	mg/kg
1417	A1417-51-00	Calcium	360000.00	mg/kg
1417	A1417-51-00	Chromium	2.90	mg/kg
1417	A1417-51-00	Cobalt	0.25	mg/kg
1417	A1417-51-00	Copper	1.40	mg/kg
1417	A1417-51-00	Iron	2400.00	mg/kg
1417	A1417-51-00	Lead	1.90	mg/kg
1417	A1417-51-00	Magnesium	3000.00	mg/kg
1417	A1417-51-00	Manganese	85.00	mg/kg
1417	A1417-51-00	Nickel	1.30	mg/kg
1417	A1417-51-00	Potassium	380.00	mg/kg
1417	A1417-51-00	Selenium	0.93	mg/kg
1417	A1417-51-00	Silver	0.93	mg/kg
1417	A1417-51-00	Sodium	100.00	mg/kg
1417	A1417-51-00	Thallium	0.93	mg/kg
1417	A1417-51-00	Vanadium	6.70	mg/kg
1417	A1417-51-00	Zinc	3.00	mg/kg
1417	A1417-51-00	Mercury	0.00	mg/kg
1418	A1418-51-00	Aluminum	8300.00	mg/kg

Analytical Maximums and Summary of Sample Locations

LOCATION	SAMPLE ID	ANALYTE	RESULT	UNIT
1418	A1418-51-00	Antimony	2.10	mg/kg
1418	A1418-51-00	Arsenic	8.80	mg/kg
1418	A1418-51-00	Barium	89.00	mg/kg
1418	A1418-51-00	Beryllium	0.98	mg/kg
1418	A1418-51-00	Cadmium	2.20	mg/kg
1418	A1418-51-00	Calcium	37000.00	mg/kg
1418	A1418-51-00	Chromium	8.90	mg/kg
1418	A1418-51-00	Cobalt	7.10	mg/kg
1418	A1418-51-00	Copper	22.00	mg/kg
1418	A1418-51-00	Iron	30000.00	mg/kg
1418	A1418-51-00	Lead	23.00	mg/kg
1418	A1418-51-00	Magnesium	4200.00	mg/kg
1418	A1418-51-00	Manganese	510.00	mg/kg
1418	A1418-51-00	Nickel	12.00	mg/kg
1418	A1418-51-00	Potassium	1900.00	mg/kg
1418	A1418-51-00	Selenium	0.48	mg/kg
1418	A1418-51-00	Silver	1.00	mg/kg
1418	A1418-51-00	Sodium	620.00	mg/kg
1418	A1418-51-00	Thallium	1.50	mg/kg
1418	A1418-51-00	Vanadium	12.00	mg/kg
1418	A1418-51-00	Zinc	47.00	mg/kg
1418	A1418-51-00	Mercury	0.02	mg/kg
1419	A1419-51-00	Aluminum	710.00	mg/kg
1419	A1419-51-00	Antimony	2.00	mg/kg
1419	A1419-51-00	Arsenic	13.00	mg/kg
1419	A1419-51-00	Barium	41.00	mg/kg
1419	A1419-51-00	Beryllium	0.21	mg/kg
1419	A1419-51-00	Cadmium	0.46	mg/kg
1419	A1419-51-00	Calcium	9800.00	mg/kg
1419	A1419-51-00	Chromium	2.30	mg/kg
1419	A1419-51-00	Cobalt	0.97	mg/kg
1419	A1419-51-00	Copper	12.00	mg/kg
1419	A1419-51-00	Iron	3400.00	mg/kg
1419	A1419-51-00	Lead	14.00	mg/kg
1419	A1419-51-00	Magnesium	600.00	mg/kg
1419	A1419-51-00	Manganese	82.00	mg/kg
1419	A1419-51-00	Nickel	1.50	mg/kg
1419	A1419-51-00	Potassium	160.00	mg/kg
1419	A1419-51-00	Selenium	1.00	mg/kg
1419	A1419-51-00	Silver	1.00	mg/kg
1419	A1419-51-00	Sodium	51.00	mg/kg
1419	A1419-51-00	Thallium	1.00	mg/kg
1419	A1419-51-00	Vanadium	6.60	mg/kg
1419	A1419-51-00	Zinc	15.00	mg/kg
1419	A1419-51-00	Mercury	0.02	mg/kg

Appendix F

Quality Assurance Sampling Plan (QASP)

**QUALITY ASSURANCE SAMPLING PLAN
AND
RESPONSE PLAN**

FOR

EL PASO COUNTY METALS SURVEY SITE

EL PASO, EL PASO COUNTY, TEXAS

Prepared for

U.S. Environmental Protection Agency Region 6
1445 Ross Avenue
Dallas, Texas 75202

U.S. Army Corps of Engineers
Fort Crook Area, Rapid Response Resident Office

Contract No.: DACA45-98-D-0004
Task Order: 0028

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THIS DOCUMENT WAS PREPARED BY ROY F. WESTON, INC., EXPRESSLY FOR EPA. IT SHALL NOT BE RELEASED OR DISCLOSED IN WHOLE OR IN PART WITHOUT THE EXPRESS, WRITTEN PERMISSION OF EPA AND COE.

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1. INTRODUCTION

Roy F. Weston, Inc. (WESTON[®]) has been tasked by the U.S. Environmental Protection Agency (EPA) Region 6 under U.S. Army Corps of Engineers Rapid Response Contract Number DACA-45-98-D-0004, Task Order 0028 to perform sampling activities at the El Paso Metals Survey Site in El Paso, El Paso County, Texas (Figure 1-1). Weston has prepared this Quality Assurance Sampling Plan (QASP) and Response Plan to describe the technical scope of work to be completed.

1.1 PROJECT OBJECTIVES

The primary objectives for Weston regarding this site are to conduct soil sampling to document the levels of potential contaminants in the surficial and near-surficial soils at the site. Samples are to be used to ascertain contaminant concentrations for comparison to EPA Region 6 Risk-Based values for metals (primarily arsenic and lead based on currently available data).

1.2 PROJECT TEAM

Presently, the plans are for the Project Team to consist of Robert Beck (Project Manager), Chad Conway (Project Team Leader), Jason Wilder (Data Management), Drew Molly (Cost Tracking Engineer), and other Weston personnel as necessary. Weston has available resources in its Houston, Austin, Dallas, San Antonio, and Albuquerque offices as necessary.

Weston personnel will be responsible for performing the sampling activities, and will serve as the liaison to EPA Region 6 personnel and the community in the field during the site activities. For all sample collections, the PTL will determine the sample location in the field, collect samples as necessary, log the activities at each sample location in the field logbook, and verify the sample documentation. Sample documentation and preparation is also the responsibility of Weston. If sample locations identified in this document need to be modified due to physical constraints or access issues, the EPA Site Assessment Manager (SAM) or his designee will be notified.

1.3 QASP FORMAT

This QASP has been organized in a format that is intended to facilitate and effectively meet the objectives of the removal oversight. The QASP is organized in the following sections:

- Section 1 - Introduction
- Section 2 - Site Background
- Section 3 - Sampling Approach and Procedures
- Section 4 - Quality Assurance

All figures and tables are included at the end of each respective section. Appendices are attached with the following information:

- Appendix A - Site Reconnaissance Results
- Appendix B - TRW Recommendations for Sampling and Analysis of Lead (Pb) Sites
US EPA., EPA-540-F-00-010, OSWER 9285.7-38, April 2000.
- Appendix C - Referenced Standard Operating Procedures

Figure 1-1

Site Location Map

2. SITE BACKGROUND

Information about the site location and description, site history and features, and a summary of previous investigations is included in the following subsections.

2.1 SITE LOCATION AND DESCRIPTION

The El Paso County Metals Survey Site is located over approximately a six-mile area centered in the southern portion of El Paso, Texas. The area of concern extends into New Mexico but excludes areas south of the Rio Grande River into Mexico. Sample locations have been determined based on a grid-pattern approach and are presented on Figure 2-1. A 250-meter size grid will be used for sampling within a 3-mile radius of the center of the site. Grid locations that fall in inaccessible areas will not be sampled. Additionally, samples will be collected from potential high-traffic areas which were identified by Weston during site reconnaissance activities conducted during the first week of October. These sites were exclusive of those evaluated during a previous investigations performed in the summer of 2001. Results of the reconnaissance visit identified forty-two potential high-traffic areas to be sampled. The locations include:

- 6 Fire Stations
- 2 Parks
- 14 Private Schools
- 3 Day Care Facilities
- 6 Churches
- 11 Other Potential High Traffic Areas

Specific location names, addresses, and approximate latitude and longitude coordinates are included as Appendix A.

In addition, the Texas Department of Health was contacted and they provided a list of licensed day care facilities in the area. Attempts will also be made to sample those that are within approximately 4 miles of the center of the site.

2.2 SITE HISTORY AND FEATURES

Previous independent investigations of the area of concern have been conducted by students of the University of Texas at El Paso (UTEP). As part of several theses efforts, extensive sampling of surface soils within the site has been completed, and elevated levels of metals, namely arsenic and lead, have been detected. The source of these elevated metals as of the present time, has not been confirmed. As part of the present project activities, sampling activities primarily aimed at identifying the level and extent of current levels of contamination will in essence duplicate these previous sampling efforts.

Additionally, in June 2001, Ecology and Environment collected samples from approximately 100 locations within the site. Lastly, in July 2001, Weston collected approximately 1200 samples from the following locations within the site. Facilities sampled during those investigations include:

- El Paso High School
- Roosevelt High School
- Wiggs School
- Gillian School
- Mesita Elementary
- Vilas Elementary School
- Carlos Cordova Middle School
- Sunset High School
- Highland Elementary Annex Elementary

- Sunland Park Elementary School
- Desert View Elementary School
- University of Texas at El Paso
- Althea Park
- Alamo Park
- Doniphan Park
- Mission Hills Park
- Arroyo Park
- Madeline Park
- Houston Square Park
- Armijo Park
- San Marcos Street (residential area)

Final reports presenting the results of these two investigations were not available at the time this work plan was prepared. However, draft results indicated lower than expected values of arsenic and lead, as compared to the UTEP studies.

2.3 SUMMARY OF PREVIOUS INVESTIGATIONS

As previously mentioned, the site has been the source of several previous studies conducted by students from the University of Texas at El Paso. In addition, a study was conducted by the Texas Air Control Board (TACB).

The Sampling and Analysis Division of the TACB conducted soil sampling within the area of concern on 12 and 13 July 1989. The primary objective of the project was to document levels of

arsenic in the top one-half inch of soils. The highest value of arsenic detected was 1100 micrograms per gram (parts per million (ppm)) of arsenic in soil. It should be noted that this result was from a sample located at the International Boundary and Water Commission which was also located directly across from a brick manufacturing company in Mexico. The TACB study emphasized collection of soils in the vicinity of schools and recreational parks. At each sampling location, twelve samples were taken from evenly spaced locations, on the circumference of a two-foot diameter circle. At each location, an aliquot of soil was obtained by removing an approximately 1-inch by one-half-inch depth core.

In May 1993, Brenda E. Barnes (UTEP graduate student) presented a Master's Thesis titled An Evaluation of Metals Concentrations in Surficial Soils, El Paso County, Texas. The study involved the collection of soil samples from areas surrounding various facilities in El Paso which were potential sources of metals contamination. Potential sources of contamination which were studied included the ASARCO Smelter, Memorial Park in central El Paso where a former smelter was located, and Phelps Dodge Copper Refinery. Soil samples were collected from outlying areas north and east of El Paso in an effort to observe affects of distance from the potential contaminant sources. Concentrations of arsenic, cadmium, copper, lead, and zinc were found at highest concentrations in the area around the ASARCO smelter. Higher concentrations were found in the surface samples (2.5-centimeter depth) than in those samples taken from deeper locations. The metals concentrations did not appear to be affected by sample lithology or soil type.

In December 1993, Emmanuel Chukwuka Ndame (UTEP graduate student) presented a Master's Thesis titled Heavy Metals in Soils in the Vicinity of the University of Texas at El Paso Campus (El Paso County, Texas). The study involved the collection and analysis of seventy-eight soil samples. Areas of interest for the study included the campus of UTEP and parks and public school playgrounds within a 2-kilometer radius of the campus. The samples were analyzed for several metals including arsenic, barium, cadmium, chromium, lead, and selenium. The Ndame thesis concluded that there was no point source or large-scale contamination. Further, it concluded that lead concentrations increased from the west part of the campus to the ASARCO

smelter. Sample results indicated the presence of arsenic in soils ranging from below the instrument detection limit of 51 ppm to 92 ppm. Surface soil concentrations of lead were reported as high as 1500 ppm. Significant concentrations of arsenic and lead were not detected in any of the off-campus public schools or parks with the exception of a surface soil sample collected from Althea Park which had a lead concentration of 840 ppm.

In May 1994, Dilip Kumar Devanahalli (UTEP graduate student) presented a Master's Thesis titled Survey of Heavy Metal Concentrations of Soils in Downtown El Paso, Texas. The thesis study involved the collection of soil samples from a downtown area of El Paso, Texas bounded by Interstate 10 to the north, Rio Grande River to the south, Sun Metro Terminal to the west, and Phelps Dodge Copper Refinery to the east. Fifty-four soil samples were collected from the surface and at a depth of 6 inches in public parks and playgrounds including schools. Arsenic concentrations in samples collected ranged from below the instrument detection limit of 13 ppm to 33 ppm. Lead concentrations ranged from the instrument detection limit of 17 ppm to 560 ppm.

Also in May 1994, Shyam Srinivas (UTEP graduate student) presented a Master's Thesis titled Heavy Metal Contamination of Soils in Public Parks, El Paso, Texas. As part of this study, seventy-two surface and subsurface (6-inch depth) samples were collected from public parks in El Paso. The results of the sample analyses indicated that concentrations of metals were higher in surface soils than in subsurface soils. Arsenic was detected in only one sample, at the instrument detection limit of 55 ppm. Lead concentrations ranged from below the instrument detection limit of 30 ppm to 130 ppm.

Numerous other studies have been conducted, or are in the process of being conducted, by other university and environmental research centers.

Ecology and Environment (E&E) collected samples from approximately 100 locations within the site in June 2001, and Weston collected over 1200 samples in July 2001. Final reports presenting the results of these two investigations were not available at the time this work plan

was prepared. However, draft results indicated lower than expected values of arsenic and lead, as compared to the UTEP studies.

2.4 SITE CONCERNS

The primary concerns associated with the El Paso County Metals Survey Site are the presence of metals, namely lead and arsenic, above the EPA Region 6 health based benchmark of 400 to 500 ppm (for lead) and 20 ppm (for arsenic). The goal of the sampling and analysis for level and extent of contamination, which will be conducted at the various locations will be to evaluate surficial and near surficial soils for the presence of these metals at levels above the established benchmarks.

Figure 2-1

Sample Location Map

3. SAMPLING APPROACH AND PROCEDURES

Samples collected will be used to evaluate the characteristics and to define the extent of affected media at the site. Additionally, sampling will be conducted to confirm historical results and potentially the source(s) of contaminants.

3.1 OVERVIEW OF SAMPLING ACTIVITIES

Grid-based sampling will be completed, based on the EPA-provided grid pattern presented in Figure 2-1, and supplemented by sampling of identified potential high-traffic areas. Grid sample locations will be basically located on a 250-meter grid pattern within a 3-mile radius of the center of the site. Grid locations that fall in inaccessible areas will not be sampled. Sampling of the high-traffic areas will be generally conducted as though they are a grid point (i.e. the unpaved area(s) identified at the areas will be sampled in a similar manner as all other grid points). Sample data management will be done using Forms II Lite software.

3.1.1 Health and Safety Plan Implementation

The Weston field activities will be conducted in accordance with the site-specific health and safety plan (HASP). In general, the HASP specifies that work will proceed in Level D (coveralls and steel-toed boots) in selected sampling areas based on appropriate air monitoring results. The Weston PTL will act as the Site Health and Safety Coordinator (SHSC) and will be responsible for implementation of the HASP during all field investigation activities. In accordance with WESTON's general health and safety operating procedures, the field team will drive the route to the hospital specified in the HASP prior to initiating sampling activities.

3.1.2 Site Reconnaissance

Weston has conducted an initial survey of the site. However, due to the large nature of the site, individual sampling points have been identified on maps, but not specifically on the ground thus far. Weston, with the consultation of the SAM, will establish sampling points that meet the objectives of the investigation at each location identified.

3.1.3 Community Relations

Community relations may be a relatively large issue due to the general nature of the site. It is anticipated that the SAM will be on site at all times. If so, community relations issues will be directed to him. If not, the Weston PTL, under the guidance of WESTON's Project Manager, will manage community relations in the field as directed by the SAM. It is unclear at the present time, if a community relations plan and program will be necessary for this site, although it is likely. If requested, Weston will establish each.

Site access is likely also to be a significant issue. Weston will work as directed by EPA to obtain access to all of the sites designated. A large percentage of the sample locations are associated with residential areas. Therefore, a program for obtaining access will need to be worked out. At the present time, it is anticipated that a door-to-door effort will be made to obtain site access. Weston will work with EPA to attempt to gain access using this mean or other as directed by the SAM.

3.2 SAMPLING/MONITORING APPROACH

All soil samples will be collected in general accordance with the EPA Compendium of Emergency Response Team (ERT) Soil Sampling and Surface Geophysics Procedures and the WESTON standard operating procedures (SOPs) (Appendix D). The specific sampling procedures are described below.

3.2.1 Soil

Soil samples will be collected from grid and high-traffic locations in a consistent manner. Each sample point within a residential or high-traffic area will represent the location of a five-point composite, as well as individual grab samples. Grab samples will be collected and placed immediately into a pre-cleaned, 4-ounce plastic container with a Teflon-lined lid. Composite samples will be composed of five-point aliquots of approximate equal volume. Sampling from residential areas will be generally composed of two, five-point composites; one from the front yard, and one from the back yard of each residence. Samples from the drip lines of the residences may also be collected. If collected, the drip line samples will be held for potential analysis. Similarly, five-point composite samples will be collected within the unpaved area(s) of high traffic areas in an effort to collect a sample representative of the soil concentrations over the given area of concern. Sample aliquots will be placed into a dedicated plastic bag, homogenized, and then placed into the 4-ounce plastic sample containers. Sampling from industrial and undeveloped areas will be generally composed of one five-point composite surface sample, and based on the number of sample locations within each area 10 % will be drilled to a depth of 24 inches.

Deviations from the sample locations identified in Figure 2-1 will be due to new observations made prior to sampling, information obtained in the field that warrant an altered sampling point, difficulty in sample collection, or limited access. The SAM will be notified, and concurrence will be obtained should significant deviations from the planned sampling points be proposed.

Both surface and subsurface samples will be collected from each sampling point. Surface samples from 0 to 1 inch depth will be collected from each node. These samples will be made up of five-point composites as described above. Grab samples will also be collected from each sample point from depths of 6 inches, 12 inches, 18 inches, and 24 inches from ground surface. Samples from depths of 12, 18, and 24 inches will be held pending the results from the 0- to 1-inch and 6-inch samples. This sample scheme will assist with planning for potential subsequent removal activities.

Surface samples (0 to 1 inch in depth) will be collected utilizing dedicated plastic scoops or

stainless steel spoons. These samples may, or may not, be prepared and analyzed in accordance with TRW Recommendations for Sampling and Analysis of Soil at Lead (Pb) Sites US EPA., EPA-540-F-00-010, OSWER 9285.7-38, April 2000 (Appendix B). The sample preparation method described in the guidance document is based on the assumption that incidental ingestion is the primary pathway of exposure to lead in soil and dust. This exposure pathway assumes that ingested soil and dust lead is best represented by the lead concentrations in the particle size fraction that sticks to hands. A reasonable upper bound for this size fraction is 250 microns. This is also the particle size fraction that is most likely to accumulate in the indoor environment as a result of disposition of wind-blown dust. Therefore, a 250-micron filter (No. 60) sieve is recommended and will be utilized to screen the surface soil sample set to arrive at a “fine” fraction (<250 microns). The sample will be collected and submitted to the laboratory following normal chain-of-custody procedures. The laboratory will be instructed to properly dry and sieve the samples so that an un-sieved sample will be analyzed, a sample sieved through the ASTM No. 10 sieve, and lastly through the ASTM No. 60 sieve. Thus three distinct results would be obtained from each surface sample. If the FOSC determines that this method will not be utilized, the analysis of the surface samples will be performed without any sieving process.

Subsurface samples will be collected using slam bars, geoprobe conventional drilling, or grab sample methods. In general, if sample cores are collected, the outside will be shaved, if possible, to remove exterior surfaces and to reduce the possibility of cross-contamination between sampling depths. In addition, dedicated plastic scoops will be used to collect the samples to reduce the potential for cross-contamination between intervals and locations. Subsurface samples will be analyzed without any sieving procedure.

Sample analysis will be conducted at a fixed laboratory. Samples will be analyzed for arsenic and lead. Additionally, 10% of the samples analyzed for arsenic and lead will be analyzed for the full target analyte list (TAL). Analyses will be subcontracted to a qualified fixed laboratory.

3.2.2 Surface Water

No surface water sample activities are planned at this time.

3.2.3 Indoor Dust

No indoor dust sample activities are planned at this time.

3.2.4 Investigation-Derived Waste (IDW)

Attempts will be made to eliminate, or minimize investigation derived waste (IDW) during this investigation. All non-dedicated equipment will be decontaminated using soap and water wash and water rinse. Therefore, attempts will be made to dispose of decontamination fluids on site. Excess soil/sediment and fluids generated as a result of equipment decontamination will be placed in a drum and staged on site. The drum will be labeled on the side with the name of the site, the contents, sampling location, and the date. Grab samples will be collected at the discretion of the SAM from any drummed material for which a potential treatment/disposal determination is needed. The analytical data from collected samples will be reviewed after completion of the field activities, and disposal options will be evaluated accordingly. It is anticipated that minimal amounts of IDW will be generated during this activity.

3.2.5 Sampling and Sample Handling Procedures

Samples will be collected using equipment and procedures appropriate to the matrix, parameters, and sampling objective. The volume of the sample collected must be sufficient to perform the analysis requested. Samples must be stored in the proper types of containers and preserved in a manner appropriate to the analysis to be performed.

All clean, decontaminated sampling equipment and sample containers will be maintained in a clean, segregated area. All soil and samples will be collected with clean decontaminated equipment (SOP 1201.01). All samples collected for laboratory analysis will be placed directly into precleaned, unused glass or plastic containers. Sampling personnel will change gloves between each sample collection/handling. All samples will be assembled and catalogued prior to shipping (refer to SOPs 1101.01 and 1102.01) to the designated laboratory.

Sampling preservation, containers and hold times for analytical methods associated with this site are presented in Subsection 3.5.

3.2.6 Field Quality Control Samples

Field QA/QC samples will be collected so that ten percent of samples per matrix will be collected as blind duplicate sample analysis. If non-dedicated sample equipment is used, then one equipment rinsate blank per day will be submitted for analysis for arsenic and lead.

As part of quality control measures on the laboratory analyses, ten percent of samples submitted to AES laboratory will be split and a duplicate sample will be submitted to a Corps of Engineer's Certified laboratory. The results from the two laboratories will be evaluated for comparability.

3.3 SAMPLE MANAGEMENT

Specific nomenclature that will be used by Weston will provide a consistent means of facilitating the sampling and overall data management for the project (SOP 0110.04). Any deviations from the sample nomenclature proposed below must be approved by Weston's Program Manager.

Sample

As stated in SOP 0110.04, sample nomenclature will follow a general format regardless of the type or location of the sample collected. The general nomenclature consists of the following components:

- Geographic location (e.g. location within a school or park).
- Collection type (composite, grab, etc.).
- QA/QC type (normal, duplicate, etc.).
- Sequence - An additional parameter used to further differentiate samples (e.g., if two samples were taken from the same pond on the same day).

Sample data management will be completed utilizing the EPA-provided Forms II Lite software.

3.4 DECONTAMINATION

The nondisposable sampling equipment (soil samplers, hand trowels, and stainless steel bowls) used during the sample collection process will be thoroughly decontaminated before initial use, between use, and at the end of the field investigation. Equipment decontamination will be completed in the following steps:

- High-pressure water spray or brush, if needed, to remove soil/sediment from the equipment.
- Non phosphate detergent and potable water wash to clean the equipment.
- Final potable water rinse.
- Equipment air-dried.

Personnel decontamination procedures will be described in the site-specific HASP that will be prepared by Weston prior to implementation of activities at the site.

3.5 SAMPLE PRESERVATION, CONTAINERS, AND HOLD TIMES

Once collected, samples will be stored in coolers and kept at approximately 4° C, while at the site and until they are submitted for analysis. The samples will be sent to the designated laboratory by a common carrier on a daily basis.

Weston will require a turnaround (project turnaround) for analytical results based on discussions with the SAM. This turnaround time is initiated when the samples are collected in the field and continues until the analytical results are made available to Weston (either verbally or by providing facsimile copies of the results) for review. Samples that have been analyzed will be disposed of by the designated laboratory in accordance with the laboratory's SOPs.

4. QUALITY ASSURANCE

Quality assurance will be conducted in accordance with Weston's Quality Assurance Project Plan (QAPP), dated 5 December 2000.

4.1 SAMPLE CUSTODY PROCEDURES

Because of the evidentiary nature of sample collection, the possession of samples must be traceable from the time the samples are collected until they are introduced as evidence in legal proceedings. After sample collection and identification, the samples will be maintained under the chain-of-custody procedures. If the sample collected is to be split (such as with the EPA, COE, or laboratory QC), the sample will be allocated into similar sample containers. Sample labels completed with the same information as that on the original sample container will be attached to each of the split samples. All personnel required to package and ship coolers containing potentially hazardous material will be trained accordingly.

The chain-of-custody (COC) procedures are documented in SOP 1101.01, Appendix C, and will be made available to all personnel involved with the sampling. A typical chain-of-custody record included in SOP 1101.01 will be completed each time a sample or group of samples is prepared for shipment to the laboratory. The record will repeat the information on each of the sample labels and will serve as documentation of handling during shipment. A copy of this record will remain with the shipped samples at all times, and another copy will be retained by the member of the sampling team who originally relinquished the samples. Weston personnel will complete a COC form for all samples sent to a Weston designated off-site laboratory.

Samples relinquished to the participating laboratories will be subject to the following procedures for transfer of custody and shipment:

- Samples will be accompanied by the chain-of-custody record. When transferring possession of samples, the individuals relinquishing and receiving the samples will sign, date, and note the time of the sample transfer on the record. This custody record documents transfer of sample custody from the sampler to another person or to the laboratory.

- Samples will be properly packed for shipment and dispatched to the appropriate laboratory for analysis with separate, signed custody records enclosed in each sample box or cooler. Sample shipping containers will be padlocked or custody-sealed for shipment to the laboratory. The preferred procedure includes use of a custody seal wrapped across filament tape that is wrapped around the package at least twice. The custody seal will then be folded over and stuck to itself to ensure that the only access to the package is by cutting the filament tape or breaking the seal to unwrap the tape.
- If sent by common carrier, a bill of lading or airbill will be used. Bill of lading and airbill receipts will be retained in the project file as part of the permanent documentation of sample shipping and transfer.

SOPs 1101.01 and 1102.01 describe these procedures in more detail.

4.2 PROJECT DOCUMENTATION

Field Documentation

Weston will perform field documentation of site activities during all field work. The primary methods of documentation will be completion of a field logbook and photo documentation. All documents will be completed legibly and in ink. Any corrections or revisions will be made by lining through the original entry and initialing the change. The following field documentation will be maintained:

Field Logbook (SOP 1501.01)

The field logbook is a descriptive notebook detailing site activities and observations so that an accurate, factual account of field procedures may be reconstructed. All entries will be signed by the individuals making them. Entries should include, at a minimum, the following:

- Site name and project number.
- Names of personnel on-site.
- Dates and times of all entries.
- Descriptions of all site activities, including site entry and exit times.
- Noteworthy events and discussions.
- Weather conditions.
- Site observations.
- Identification and description of samples and locations.
- Subcontractor information and names of on-site personnel.
- Dates and times of sample collections and chain-of-custody information.
- Records of photographs.

- Site sketches.

Sample Labels

Sample labels will be securely affixed to the sample container. They will clearly identify the particular sample and should include the following information:

- Site name and project number.
- Date and time the sample was collected.
- Sample preservation method.
- Analysis requested.
- Sampling location.

Chain-of-Custody Record (SOP 1101.01)

A chain-of-custody record will be maintained from the time of sample collection until final deposition. Every transfer of custody will be noted and signed, and a copy of the record will be kept by each individual who has signed it. The chain-of-custody is discussed in Subsection 4.1 Sample Custody Procedures.

Custody Seal

Custody seals demonstrate that a sample container has not been opened or tampered with. The individual who has custody of the samples will sign and date the seal and affix it to the container in such a manner that it cannot be opened without breaking the seal.

Photo Documentation

Weston will take photographs to document site conditions and activities as site work progresses. Initial conditions should be well documented by photographing features that define the site-related contamination or special working conditions. Representative photographs should be taken of each type of site activity. The photographs should show typical operations and operating conditions as well as special situations and conditions that may arise during site activities. Site final conditions should also be documented by photograph as a record of how the site appeared at completion of the work.

All photographs should be taken with either a film camera, a digital camera, or a video camera

capable of recording the date on the image. Each photograph should be recorded in the logbook with the location of the photographer, direction the photograph was taken, the subject of the photograph, and its significance (i.e., why the picture was taken). Where appropriate, the photograph location, direction, and subject should also be shown on a site sketch. SOPs 1502.01 and 1502.02 discuss photo documentation in more detail.

APPENDICES

APPENDIX A

SITE RECONNAISSANCE RESULTS

**APPENDIX B/
TRW RECOMMENDATIONS FOR SAMPLING
AND ANALYSIS OF SOIL AT LEAD SITES**

APPENDIX C

REFERENCED STANDARD OPERATING PROCEDURES

Appendix G
Overview Arsenic Isopleth Map
(REDACTED)

Appendix H
Overview Lead Isopleth Map
(REDACTED)

Appendix I

Residential Arsenic Isopleth Map

(REDACTED)

Appendix J
Residential Lead Isopleth Map
(REDACTED)

Appendix K
Industrial/Undeveloped Arsenic Isopleth Map
(REDACTED)

Appendix L

Industrial/Undeveloped Lead Isopleth Map

(REDACTED)

Appendix M
QA/QC Results
(REDACTED)

Appendix N
Data Validation Summary Reports
(REDACTED)

Appendix O
Digital Photographs
(REDACTED)

Appendix P

Copy of WESTON Logbook

(REDACTED)