ASSESSMENT REPORT TITLE PAGE AND SUMMARY

TITLE OF REPORT: **Mt. Milligan Project 2009-10. Assessment Report on the Mitzi Lake Grid, 2009-10 Soil Sampling Program**

TOTAL COST: **$175,944**

AUTHOR(S): **David R. Heberlein**

SIGNATURE(S):

NOTICE OF WORK PERMIT NUMBER(S)/DATE(S): N/A

STATEMENT OF WORK EVENT NUMBER(S)/DATE(S): **4810806**

YEAR OF WORK: **2009-10**

PROPERTY NAME: **Mt. Milligan**

CLAIM NAME(S) (on which work was done): **512884, 512887, 512891 and 595146**

COMMODITIES SOUGHT: **Cu, Au**

MINERAL INVENTORY MINFILE NUMBER(S),IF KNOWN:

MINING DIVISION: **Omineca**

NTS / BCGS: **93N/01, 93K/16**

LATITUDE: **55° 07’ 00"**

LONGITUDE: **-124° 02’ 00"** (at centre of work)

UTM Zone: **10 N** EASTING: **431,000** NORTHING: **6,112,000**

OWNER(S): **Terrane Metals Corp.**

MAILING ADDRESS: **1500-999 West Hastings Street, Vancouver, BC, V6C 2W2**

OPERATOR(S) [who paid for the work]: **Terrane Metals Corp.**

MAILING ADDRESS: **same**

REPORT KEYWORDS: **andesite, monzonite, Triassic-Jurassic, Witch Lake Formation, potassic, propylitic, geotechnical**

REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS:

28712, 28210, 28209, 25299

TYPE OF WORK IN THIS REPORT	EXTENT OF WORK (in metric units)	ON WHICH CLAIMS	PROJECT COSTS APPORTIONED (incl. support)
GEOLOGICAL (scale, area)			
Ground, mapping			
Photo interpretation			
GEOPHYSICAL (line-km)			
Ground			
Magnetic			
Electromagnetic			
Induced Polarization			
Radiometric			
Seismic			
Other			
Airborne			
GEOCHEMICAL (number of samples analysed for)			
Soil	**1305 samples; 88 line-km**	**512884 512891 512887 595146**	**$175,944**
Silt			
Rock			
Other			
DRILLING (total metres, number of holes, size, storage location)			
Core			
Non-core			
RELATED TECHNICAL			
Sampling / Assaying			
Petrographic			
Mineralographic			
Metallurgic			
PROSPECTING (scale/area)			
PREPATORY / PHYSICAL			
Line/grid (km)			
Topo/Photogrammetric (scale, area)			
Legal Surveys (scale, area)			
Road, local access (km)/trail			
Trench (number/metres)			
Underground development (metres)			
Other			
		TOTAL COST	**$175,944**

Mt. Milligan Project 2009-10
Assessment Report on the Mitzi Lake Grid
2009-10 Soil Sampling Program

Omineca Mining Division

(NTS 93N/01, 93K/16)

55°01’ N Latitude / 124°06’ W Longitude

Prepared for Terrane Metals Corp

October 2010

Work performed in claims:

512884, 512887, 512891 and 595146

Dave Heberlein, M.Sc., P. Geo.

Consulting Exploration Geochemist

October, 2010

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Introduction

Geologist Kory Dumas and assistant John Sam of Terrane Metals Corp. carried out a soil sampling program in the Mitzi Lake area of the Mt Milligan property between June 18th and July 28th 2010. The program, which consisted of 605 upper B horizon soil samples, was done to infill a wider spaced soil grid originally sampled in 2009. The 2009 program consisted of 700 samples.

Location and Access

The Mt. Milligan property is located in the Omineca Mining Division of north-central British Columbia (NTS map sheets 94/01 and 93/04). It lies approximately 155 km northwest of Prince George, 95 km west of Mackenzie and 86 km north of Fort St. James (55°6.1′ N, 123°57.12′ W; Fig. 1).

The property is accessible from the east via Mackenzie on the Finlay Philip Forest Service Road (FSR) and the North Philip FSR. There is active logging in the area, and the road is maintained in good condition by Canfor and other forest companies. A western route, completed in 2005, provides shorter access via the North Germansen Road from Fort St. James. This route includes 30 km of FSRs, with the balance on public roads.

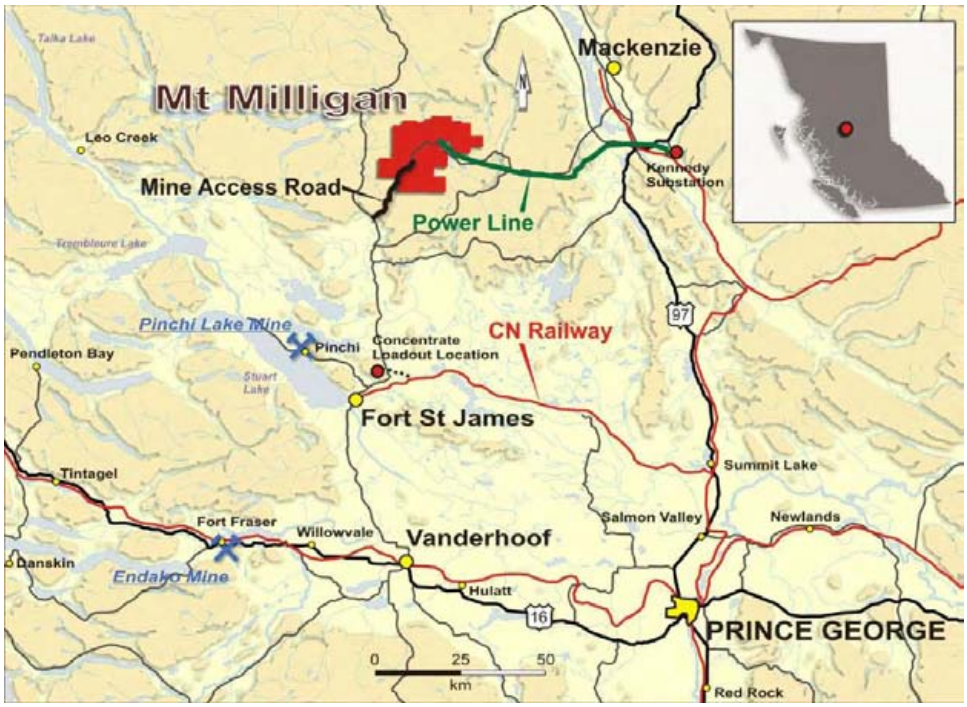

Figure 1 Mt Milligan Location Map

Property Description and Ownership

The Mt. Milligan property consists of 100 contiguous mineral claims and one mining lease with a combined total area of 46,271 ha. Claims status was searched on the British Columbia Energy and Mines, Mineral Titles Online BC (MTO) website. Table 1 is taken directly from the downloaded file generated by MTO. All claims are indicated to be in good standing until at least October 14, 2011.. The claims are listed under Client 248764: Terrane Metals Corp. This report documents work carried out on tenures: 512884, 512887, 512891 and 595146.

Table 1 Mt Milligan Claim Status

Tenure Number	*Claim Name*	*Owner*	*Tenure Type*	*SubType*	*Map Number*	*Expiry Date*	*Area (ha)*
512884		248764 (100%)	Mineral	Claim	093N	2012/dec/29	369.632
512887		248764 (100%)	Mineral	Claim	093N	2012/dec/29	295.844
512888		248764 (100%)	Mineral	Claim	093N	2012/dec/29	369.979
512890		248764 (100%)	Mineral	Claim	093N	2012/sep/10	296.121
512891		248764 (100%)	Mineral	Claim	093N	2012/dec/01	554.449
512897		248764 (100%)	Mineral	Claim	093N	2012/sep/10	444.34
512907		248764 (100%)	Mineral	Claim	093N	2012/dec/01	424.903
512909		248764 (100%)	Mineral	Claim	093N	2012/dec/01	351.094
512913		248764 (100%)	Mineral	Claim	093O	2012/dec/01	665.236
512919		248764 (100%)	Mineral	Claim	093N	2012/sep/10	444.319
512921		248764 (100%)	Mineral	Claim	093O	2012/sep/03	518.369
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512924		248764 (100%)	Mineral	Claim	093O	2012/apr/01	665.165
512925		248764 (100%)	Mineral	Claim	093O	2012/apr/01	73.961
512927		248764 (100%)	Mineral	Claim	093O	2012/apr/01	406.695
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512931		248764 (100%)	Mineral	Claim	093O	2012/apr/03	480.341
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512934		248764 (100%)	Mineral	Claim	093O	2012/apr/03	554.332
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521191	MILL 16	248764 (100%)	Mineral	Claim	093N	2012/oct/14	463.038
521192	MILL 17	248764 (100%)	Mineral	Claim	093N	2012/oct/14	370.431
521193	MILL 18	248764 (100%)	Mineral	Claim	093N	2012/oct/14	370.621
521194	MILL 19	248764 (100%)	Mineral	Claim	093N	2012/oct/14	463.276

Tenure Number	Claim Name	Owner	Tenure Type	SubType	Map Number	Expiry Date	Area (ha)
521195	MILL 20	248764 (100%)	Mineral	Claim	093N	2012/oct/14	463.276
521196	MILL 21	248764 (100%)	Mineral	Claim	093O	2012/oct/14	444.632
521197	MILL 22	248764 (100%)	Mineral	Claim	093O	2012/oct/14	444.635
521198	MILL 23	248764 (100%)	Mineral	Claim	093N	2012/oct/14	463.375
521199	MILL 24	248764 (100%)	Mineral	Claim	093O	2012/oct/14	463.374
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521201	MILL 26	248764 (100%)	Mineral	Claim	093O	2012/oct/14	185.351
521202	MILL 27	248764 (100%)	Mineral	Claim	093N	2012/oct/14	445.045
521203	MILL 28	248764 (100%)	Mineral	Claim	093N	2012/oct/14	445.047
521204	MILL 29	248764 (100%)	Mineral	Claim	093O	2012/oct/14	445.047
521205	MILL 30	248764 (100%)	Mineral	Claim	093O	2012/oct/14	445.049
521206	MILL 31	248764 (100%)	Mineral	Claim	093O	2012/oct/14	463.565
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521209	MILL 34	248764 (100%)	Mineral	Claim	093N	2012/oct/14	445.207
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Property History

Exploration in the study area dates back to 1937 when prospector George Snell discovered gold bearing float with gold values up to 148.8 g/t on the western slopes of Mt. Milligan. The source of the float was never located. Following World War II, there was no exploration activity until 1972 when Pechiney Development Ltd. staked the Mosquito 1-10 two-post claims in the Heidi Lake area. Pechiney carried out an IP survey and soil geochemistry on the slopes north of the lake that resulted in a five hole diamond drilling program. Results were unfavourable and the claims were allowed to expire.

Selection Trust Inc. (Selco) started to explore the area again in 1983 and soon after their merger with BP Resources Canada Limited (BP) in 1984, staked the Phil 1-12 claims over Heidi Lake. At the same time, prospector Richard Haslinger staked the Heidi claims on the adjoining ground to the east to cover two newly discovered copper showings known as the Creek and Boundary zones. BP optioned the Haslinger claims and proceeded to stake a sizable land position, the Phil 21-29 claims, covering the area between Heidi and Mitzi lakes and the plains immediately to the east. Over the course of the 1985 and 1986 field seasons BP carried out an aggressive exploration program that included mapping, grid soil sampling, lithogeochemistry, ground magnetic and IP surveys.

In 1986 BP made a strategic decision to pull out of the mining sector and the property was optioned to Lincoln Resources Inc. In September 1987, Lincoln undertook a diamond drilling program that resulted in the discovery of significant copper-gold mineralization on the slopes southeast of Heidi Lake. This mineralization now forms part of the Southern Star deposit. Low-grade porphyry style mineralization was also discovered at the North Slope and Goldmark zones by the same drilling program. In July 1988, Lincoln reorganized to become United Lincoln Resources Inc. and soon after staked the Milligan, Rainbow 1-4 and Skud claims as well as the MBX 1-13 placer claims. In August 1988 Continental Gold Corp. acquired 64% of the shares of United Lincoln and in March 1989 the two companies merged.

Drilling by the new Continental Gold Corp. in the summer of 1989 discovered further copper and gold mineralization at the Main zone (now MBX and 66 zones). In September 1990, Placer Dome purchased from BP its share of the Phil and Heidi mineral claims and subsequently launched a successful takeover of Continental, thereby consolidating ownership of the Mt. Milligan property. Drilling resumed in November 1990 and by April 1991 had outlined sufficient resources to publish a Stage 1 development report. Unfortunately the low metal prices at the time rendered the low grade mineralization uneconomic and Placer Dome was forced to take a write down on the carried value in the project.

Mt. Milligan lay dormant until 1996 when Placer Dome re-evaluated the project and investigated a variety of mining and development scenarios. A new resource model was developed and test pits excavated to obtain additional geotechnical information. An economic re-evaluation was completed in 1998.

In 2003, Mining Solutions consultants completed an external review of the existing Mt. Milligan data including Placer Dome's proprietary hydrometallurgy process. Recommendations from this

study resulted in a number of activities during the summer of 2004 to further assess the project. These included compilation of all historical data into a GIS, alteration studies on archived pulps using an ASD spectrometer and a 14 hole drilling program to provide samples for additional metallurgical testing. A new 3D geological model was constructed to provide a more robust model for an updated resource estimation.

Over the period of 1984 to 2004, Placer Dome and other companies completed over 900 drill holes totalling over 200,000 metres to define the resources. Following Barrick Gold Corp's takeover of Placer Dome in April 2006 and the acquisition of Placer's Canadian assets by Goldcorp, Atlas Cromwell Corp. purchased a 100% interest in the project. In July 2006, Atlas Cromwell changed its name to Terrane Metals Corp. and immediately initiated a metallurgical drilling program and new feasibility study. A preliminary economic assessment completed in October, 2007 identified 'Mineable Resources' of 317 million tonnes at a grade of 0.22% Cu and 0.43 g/t Au (Terrane news release, October 16th, 2007). In September 2009, Terrane received its mining permit from the British Columbia government and in December Federal government approval of its Environmental Assessment.

Geology

Regional Geology

The Mt Milligan porphyry deposits (Panteleyev, 1995; DeLong, 1996 and Jago, 2008) lies in the northern part of the Quesnellia Terrane, or Quesnel Trough, which consists of a northwest-trending, 1300 km long belt of Late Triassic to Early Jurassic sedimentary, volcanic and coeval intrusive rocks that extend from the US border in the south to the almost Yukon border in the north. Quesnellia is sandwiched between highly deformed Proterozoic and Paleozoic strata of the Slide Mountain Terrane to the east and deformed Upper Paleozoic strata of the Cache Creek Terrane to the west (Garnett, 1978; Fig. 2). In the Mt. Milligan area, these rocks are assigned to the Takla Group, which consists of a lower sedimentary succession comprised of the Inzana and Rainbow Creek Formations; and an upper volcanic and volcaniclastic sequence dominated by augite-phyric basalts and andesites of calc-alkaline to shoshonitic composition comprising the Witch Lake and Chuchi Formations. The reader is referred to Nelson et al. (1991, 1992) and Nelson and Bellafontaine (1996) for detailed descriptions of these units. The Takla Group is interpreted to be part of an island arc assemblage that formed within the Quesnellia-Stikinia oceanic island arc superterrane between 210 and 180 Ma (Jago, 2008). The Mt. Milligan intrusions themselves are dated at 183 to 182 Ma (Ghosh, 1992), which is contemporaneous with the accretion of Quesnellia with ancestral North America (186-181 Ma - Murphy et al., 1995; Nixon, 1993). This makes the Mt. Milligan intrusions the final gasp in the island arc plutonism.

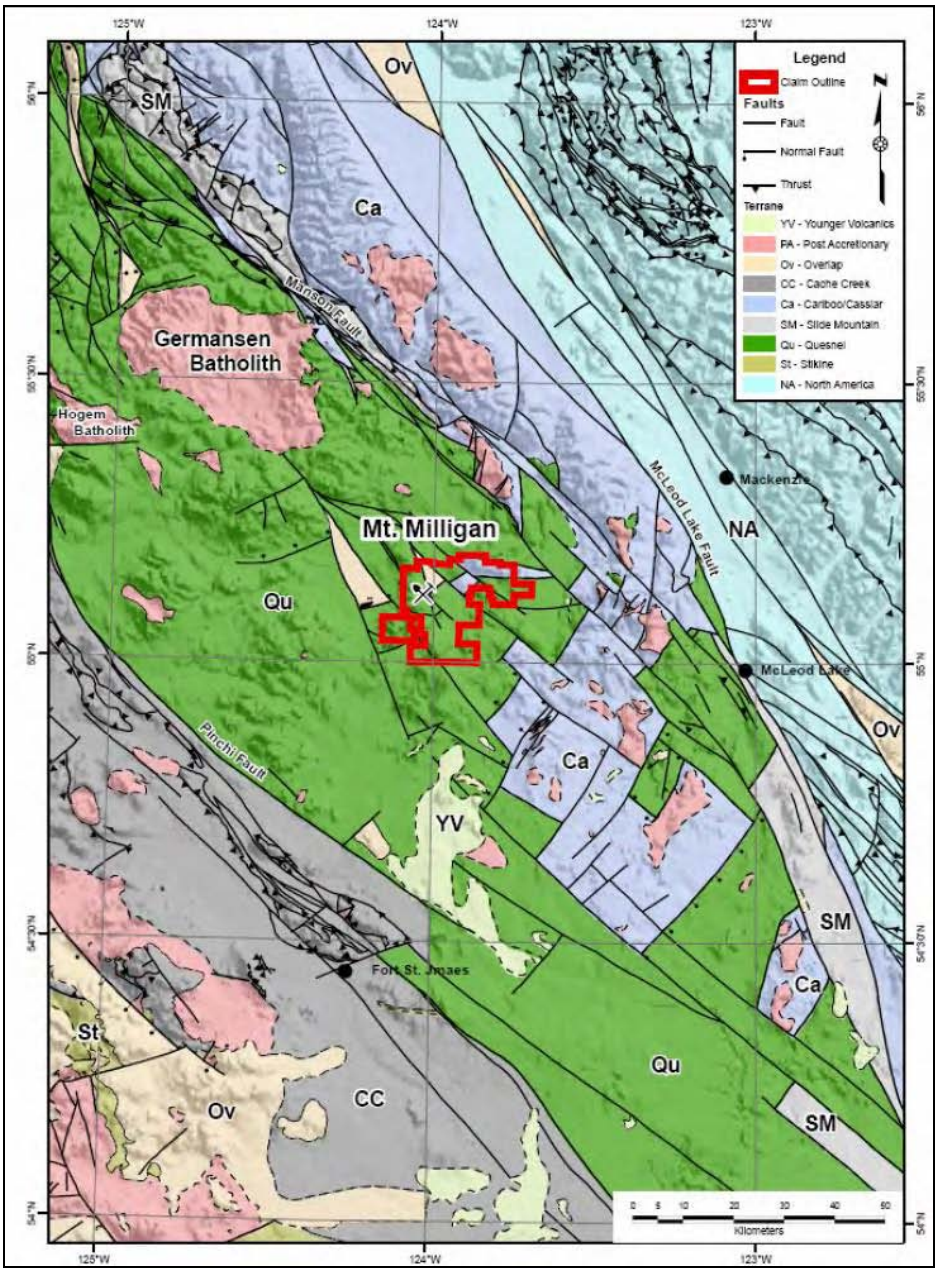

Figure 2 Regional Geological Setting of the Mt Milligan Project

Local Geology

The geology of the Mitzi Lake area is shown in Figure 3. Most of the grid area is underlain by volcanic rocks belonging to the Witch Lake Fm (green). In the Mt Milligan area these consist of a northeast-dipping sequence of inter-layered coherent and fragmental, augite-phyric basaltic-trachyandesites (Jago, 2008). Outcrop is sparse over much of the grid, being prevalent only at higher elevations on the hills near the eastern grid boundary.

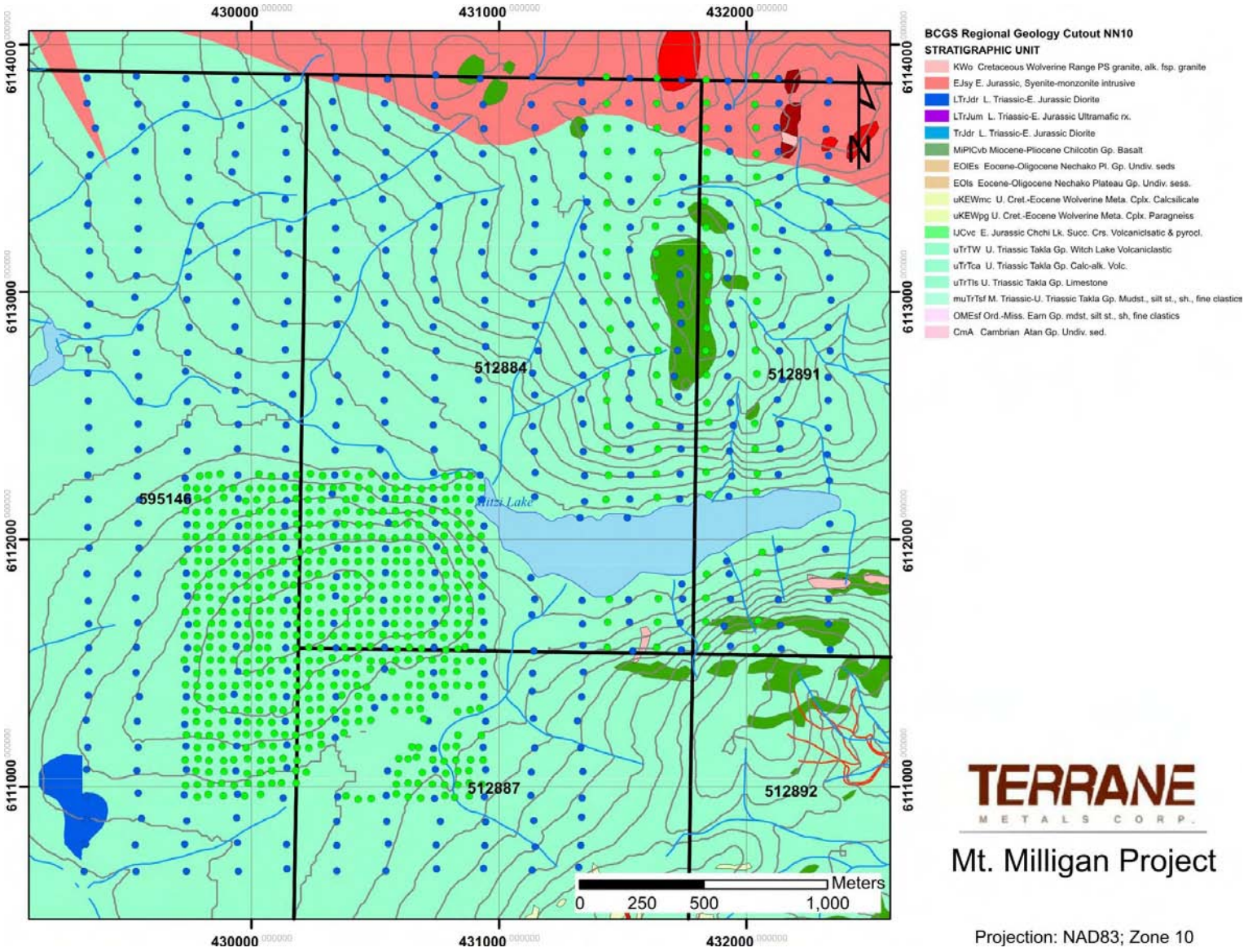

Figure 3 Local Geology of the Mitzi Lake Area showing the locations of 2009 samples (blue) and 2010 samples (green)

Several intrusions are present in the grid area. These include a large syenite-monzonite body along the northern margin of the grid (red – Fig. 3), a small diorite stock at the southwest corner of the grid (dark blue) and some small monzonite dykes near the southeast shore of Mitzi Lake (pink).

2010 Work Program

A 2009 1400 sample soil grid over the Mitzi Lake area identified an 800 by 500 metre As-Sb-Mo-Cd-Pb-Zn soil anomaly centred on the south flank of a small hill located approximately 1,000 metres west-southwest of Mitzi Lake (Heberlein, 2009). The grid covers several prospective magnetic anomalies detected by a 2008 airborne survey. The 2009 samples were taken from a 100 by 200 metre reconnaissance grid with samples collected on north-south lines. The purpose of the 2010 soil sampling program was to infill the 2009 grid to a 50 by 50 metre sample density in order to more accurately define the shape and source of the soil anomaly. A total of 605 samples were collected. Sample locations for both sampling campaigns are shown in Figure 4 and presented in Appendix 2.

Sampling involved the collection of approximately 250g of upper B horizon (usually Bm or Bf horizon) soil at each site. The sample was placed in Kraft-type paper sample bags for shipment to the laboratory. Samples were sent to Actlabs in Ancaster, Ontario, where they were oven dried at 105 °C and then screened to -80 mesh. Analyses were carried out by ICP-MS following a conventional aqua regia digestion. Analytical results are presented in Appendix 1.

At each sample location, systematic observations of several important parameters were made, including: tree cover, contamination sources, slope, soil texture, sample colour, moisture content and sample depth interval. This information was recorded onto field sample description cards and later entered into an Excel spreadsheet. Sample locations were recorded in NAD83 Zone 10 using a handheld GPS device.

Field work was based out of the Mt Milligan exploration camp located at the east end of Heidi Lake, 4km to the southeast.

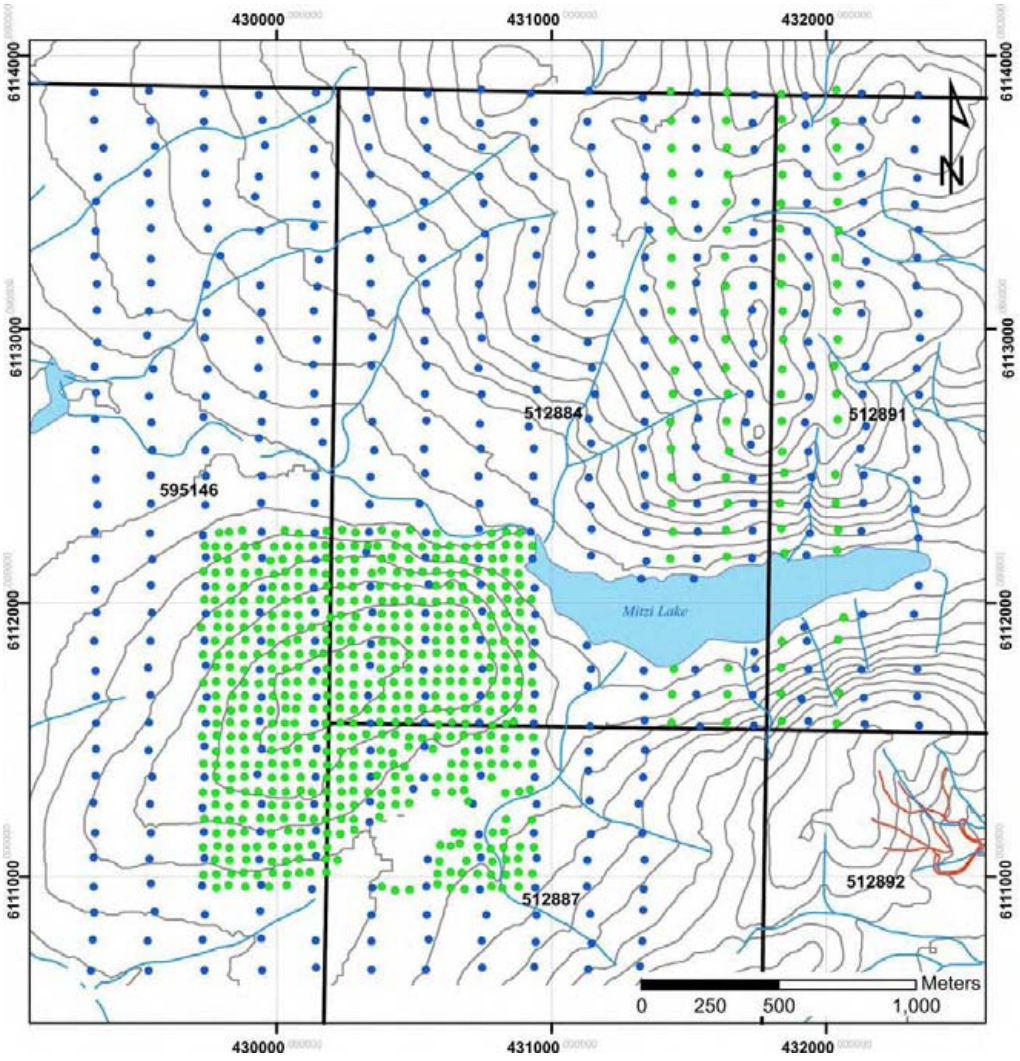

Figure 4 Sample Location Map: blue points - 2009 samples; green points - 2010 samples; black lines – claim boundaries.

Surficial Environment

The Mt Milligan property is dominated by a northwest-trending ridge of hills, which rises 300–500 m above the elevation of the surrounding plains. The highest point at 1,508 m is the summit of Mount Milligan itself, which lies at the northwestern end of the ridge. Drainage patterns along the ridge are dendritic, becoming anastomosing on the surrounding plains where glacially fed, short, meandering streams connect pothole lakes, ponds and swamps (Gravel and Sibbick, 1991). Quaternary geology mapping in the Heidi Lake area by Kerr and Bobrowsky (1991) and Ricker (1991) identified a variety of surficial sediments. Colluvium derived from tills and bedrock dominates the flanks of the hills. Away from the hills, the landscape is blanketed by a veneer of glacial till, which is overlain by a highly variable and complex sequence of glaciofluvial sand and gravel deposits containing cobble and boulder-rich layers.

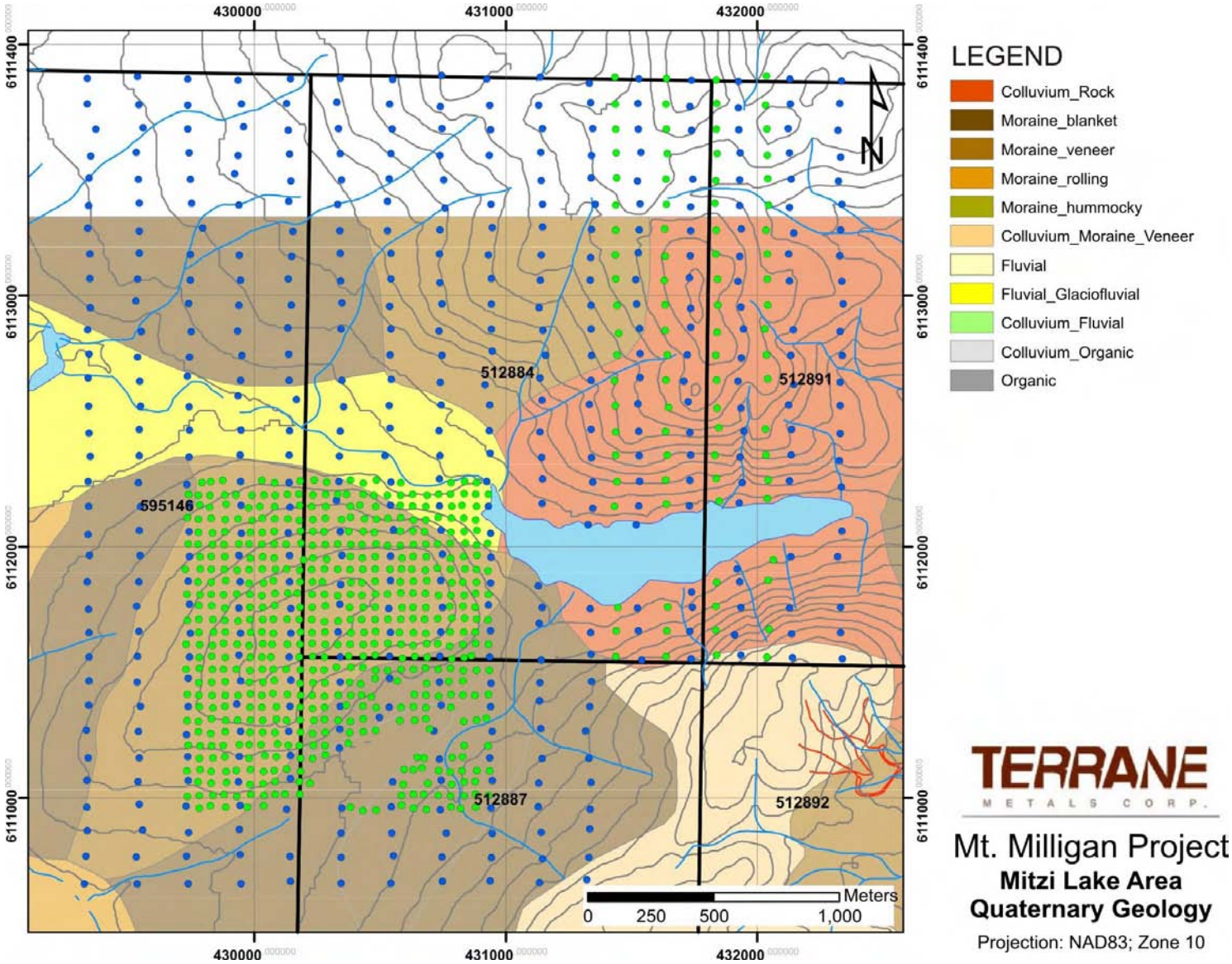

Figure 5 Quaternary Geology of the Mitzi Lake Area

In the Mitzi Lake area (Fig. 5) lower slopes and valley floors are covered by a moraine or till blanket. Flanking hills, these grades into colluvial derived from the tills on the lower slopes and from outcrops and subcrops at higher elevations. Fluvial and glaciofluvial outwash deposits are prominent in the main drainage to the west of Mitzi Lake.

Soils developed on the glaciofluvial and till veneer deposits are predominantly Orthic Humo-Ferric Podzols[1]. They typically have a thin organic layer made up of a 1–2 cm thick LF horizon composed of partially decomposed twigs, needles and mosses, which overlies a thin (0.5–2 cm) Ah horizon comprised of decomposed organic matter. The organic-rich layers sit on top of a sandy-textured, white, grey or pinkish illuviated Ae horizon, which may vary from absent to over 10 cm in thickness. A strongly illuviated, red-orange, iron-rich Bf horizon is commonly found beneath the Ae and in some places exceeds 15 cm in thickness. This horizon, which was the preferred sample medium for this survey, tends to have a fine silty or silty-clay texture. Bf horizon grades downwards over a few centimetres into a medium to olive brown Bm (an undifferentiated, uniform-coloured B horizon) or transitional BC horizon. Depth to the C horizon varies from 25 cm over colluvium to 70 cm on till and glacio-fluvial deposits.

Organic soils and rare brunisol profiles are also present in the survey area. These tend to occur in or adjacent to boggy areas, drainage channels and in valley floors.

White spruce and lodgepole pine are the dominant species on the well drained flats and hills west of Mitzi Lake. In the creek valleys, black spruce, balsam, poplar and trembling aspen are common.

Data Processing

As part of the interpretation process, a rigorous data validation was carried out to verify that the database was free from errors that might affect the interpretation. Steps taken included: loading the field descriptions into Geosoft Target software and merging them with the assay certificates to produce clean working databases. This process eliminates any possibility of cut and paste errors, which are often encountered in Excel spreadsheets. Next, the data from the 2010 sampling program was combined with the 2009 results for produce a final database for interpretation.

Merged field data and analytical results were imported into ioGAS software for statistical analysis. Histograms were generated for all elements and their type of distribution assessed. Trace elements displaying logarithmic distributions (i.e. negative skewed histograms) were log transformed prior to plotting and interpretation. Summary statistics for selected elements are shown in Tables 2 and 3; non log-transformed histograms in presented in Figure 6.

Single element, raw data maps were then plotted for each dataset using range classified symbol plots. Classification was done using the following percentile breaks: 98%, 93%, 87%, 75% and 50%.

[1] Canadian System of Soil Classification

Table 2 Summary Statistics for selected elements - Arithmetic data

1066 rows - Univariate	Ag_ppm	As_ppm	Au_ppb	Bi_ppm	Cd_ppm	Co_ppm	Cu_ppm	Fe_pct	Mn_ppm	Mo_ppm	Pb_ppm	Sb_ppm	Tl_ppm	W_ppm	Zn_ppm
Count Numeric	1064	1066	1066	1066	1066	1066	1066	1066	1066	1066	1066	1066	1066	1066	1066
Count Text	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Count Null	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Count Negative	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Count Zero	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Minimum	0.01	0.05	0.25	0.01	0.01	0.2	0.16	0.06	7	0.01	0.1	0.01	0.01	0.05	0.9
Maximum	2.49	213	1260	0.42	11.7	31.5	260	7.82	5690	17.8	19.6	13.9	0.28	2.7	198
Mean	0.1735	8.2538	3.6593	0.0664	0.2314	8.8467	33.2933	3.3448	333.3874	1.2067	5.4841	0.4047	0.0503	0.1473	53.1182
Median	0.136	4.6	1	0.06	0.16	8.2	24.9	3.32	275	0.88	4.94	0.28	0.05	0.1	44.65
Standard Deviation	0.1547	12.2234	39.4916	0.0341	0.3940	3.5487	28.8711	1.0158	270.7145	1.3103	2.1258	0.6505	0.0293	0.1341	27.4595
Interquartile Range	0.1365	5.9	1.9	0.03	0.15	3.825	17.725	1.27	146	0.7025	2.21	0.27	0.02	0.1	32.9
Range	2.48	212.95	1259.75	0.41	11.69	31.3	259.84	7.76	5683	17.79	19.5	13.89	0.27	2.65	197.1
1 percentile	0.011	0.1	0.25	0.01	0.04	3.3	10.4	1.14	131	0.33	2.65	0.01	0.01	0.05	17.4
5 percentile	0.04	1.2	0.25	0.01	0.06	4.7	13	1.78	160	0.44	3.28	0.01	0.01	0.05	24.1
10 percentile	0.056	1.7	0.25	0.03	0.08	5.3	14.9	2.09	179	0.5	3.52	0.01	0.01	0.05	27
25 percentile	0.081	2.8	0.3	0.04	0.1	6.5	18.6	2.67	219	0.63	4.05	0.16	0.03	0.05	33.2
75 percentile	0.217	8.7	2.1	0.08	0.26	10.3	36.1	3.93	365	1.34	6.25	0.44	0.06	0.1	66.1
90 percentile	0.319	17.8	4.3	0.1	0.44	12.8	56.7	4.63	507	2.09	7.99	0.87	0.07	0.2	92.3
95 percentile	0.414	27.8	6.9	0.12	0.58	15.4	79.5	5.09	675	2.79	9.78	1.29	0.09	0.3	105
99 percentile	0.728	52.7	24.5	0.17	0.88	22.5	173	6.12	1170	5.31	12.8	2.13	0.15	0.5	144

Table 3 Summary Statistics for selected elements - Log-transformed data

1066 rows - Univariate	LOG10_Ag	LOG10_As	LOG10_Au	LOG10_Bi	LOG10_Cd	LOG10_Co	LOG10_Cu	LOG10_Fe	LOG10_Mn	LOG10_Mo	LOG10_Pb	LOG10_Sb	LOG10_Tl	LOG10_W	LOG10_Zn
Count Numeric	1064	1066	1066	1066	1066	1066	1066	1066	1066	1066	1066	1066	1066	1066	1066
Count Text	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Count Null	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Count Negative	1060	32	503	1066	1057	1	1	7	0	614	2	980	1066	1063	1
Count Zero	0	1	31	0	0	0	0	0	0	8	0	2	0	2	0
Minimum	-2	-1.30103	-0.60205999	-2	-2	-0.69897	-0.79588002	-1.2218	0.8451	-2	-1	-2	-2	-1.30103	-0.04575749
Maximum	0.3962	2.3284	3.1004	-0.3768	1.0682	1.4983	2.4150	0.8932	3.7551	1.2504	1.2923	1.1430	-0.5528	0.4314	2.2967
Mean	-0.8742	0.6921	0.0108	-1.2365	-0.7555	0.9160	1.4355	0.5014	2.4654	-0.0154	0.7114	-0.7249	-1.3752	-0.9273	1.6739
Median	-0.8665	0.6628	0.0000	-1.2218	-0.7959	0.9138	1.3962	0.5211	2.4393	-0.0555	0.6937	-0.5528	-1.3010	-1.0000	1.6498
Standard Deviation	0.3153	0.4453	0.5087	0.2431	0.2900	0.1662	0.2535	0.1537	0.2024	0.2613	0.1565	0.6595	0.2810	0.2721	0.2126
Interquartile Range	0.4281	0.4821	0.8653	0.2041	0.3736	0.2010	0.2907	0.1690	0.2211	0.3217	0.1891	0.4130	0.1761	0.3010	0.2984
Range	2.3962	3.6294	3.7024	1.6232	3.0682	2.1973	3.2109	2.1151	2.9100	3.2504	2.2923	3.1430	1.4472	1.7324	2.3424
1 percentile	-1.9586	-1.0000	-0.6021	-2.0000	-1.3979	0.5185	1.0170	0.0569	2.1173	-0.4815	0.4232	-2.0000	-2.0000	-1.3010	1.2405
5 percentile	-1.3979	0.0792	-0.6021	-2.0000	-1.2218	0.6721	1.1139	0.2504	2.2041	-0.3565	0.5159	-2.0000	-2.0000	-1.3010	1.3820
10 percentile	-1.2518	0.2304	-0.6021	-1.5229	-1.0969	0.7243	1.1732	0.3201	2.2529	-0.3010	0.5465	-2.0000	-2.0000	-1.3010	1.4314
25 percentile	-1.0915	0.4472	-0.5229	-1.3979	-1.0000	0.8129	1.2695	0.4265	2.3404	-0.2007	0.6075	-0.7959	-1.5229	-1.3010	1.5211
75 percentile	-0.6635	0.9395	0.3222	-1.0969	-0.5850	1.0128	1.5575	0.5944	2.5623	0.1271	0.7959	-0.3565	-1.2218	-1.0000	1.8202
90 percentile	-0.4962	1.2504	0.6335	-1.0000	-0.3565	1.1072	1.7536	0.6656	2.7050	0.3201	0.9025	-0.0605	-1.1549	-0.6990	1.9652
95 percentile	-0.3830	1.4440	0.8388	-0.9208	-0.2366	1.1875	1.9004	0.7067	2.8293	0.4456	0.9903	0.1106	-1.0458	-0.5229	2.0212
99 percentile	-0.1379	1.7218	1.3892	-0.7696	-0.0555	1.3522	2.2380	0.7868	3.0682	0.7251	1.1072	0.3284	-0.8239	-0.3010	2.1584

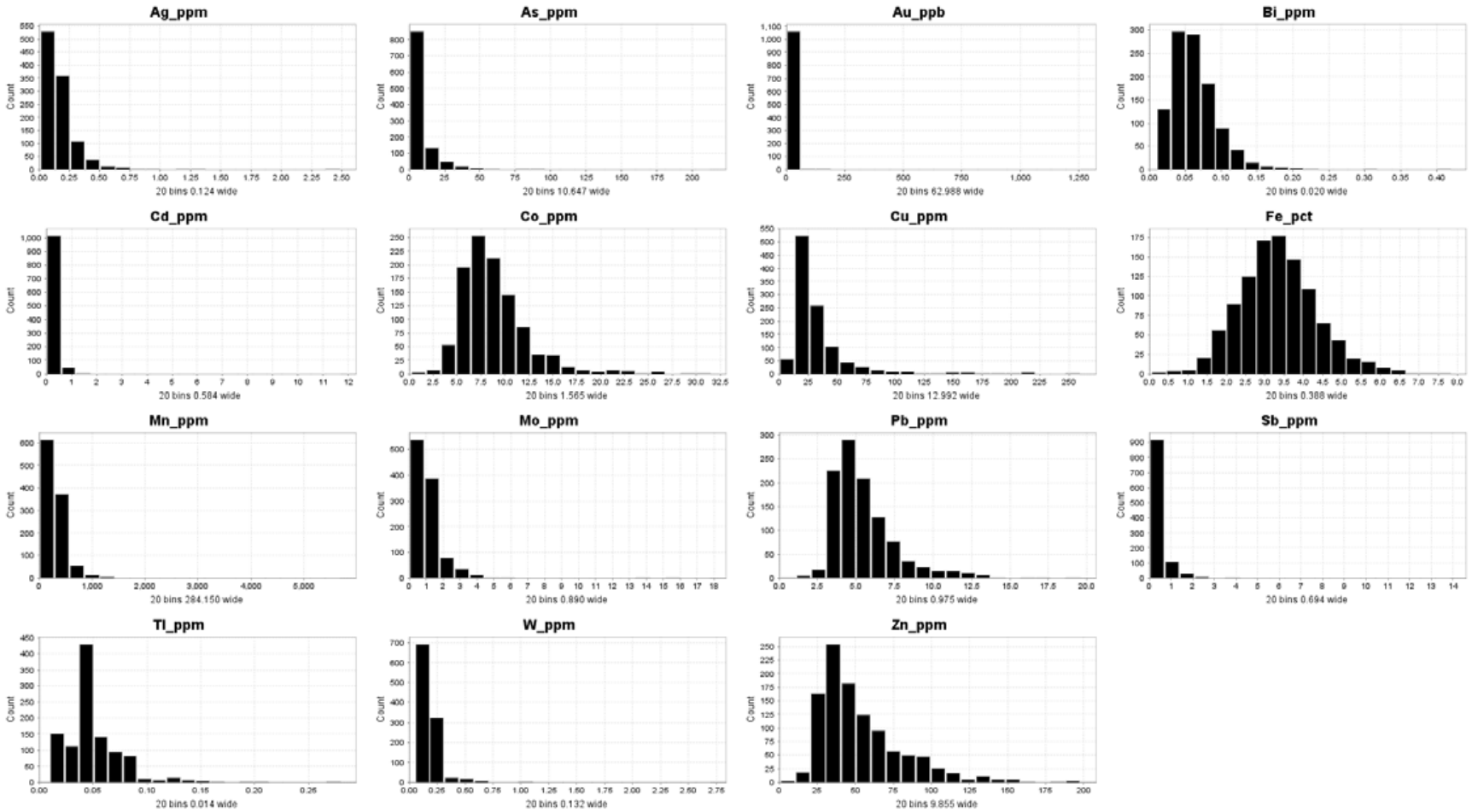

Figure 6 Histograms for selected elements - Arithmetic Data

Quality Control

The soil sampling program did not include any quality control measures (e.g. field duplicates, blanks or standards); therefore a quantitative assessment of data quality could not be carried out. For the purposes of this report, data quality is assumed to be acceptable.

Results

Figures 7 to 20 illustrate the results for selected trace elements. Values are presented as coloured proportional-size dots of the log transformed values: the original untransformed ranges are shown in brackets on the legends.

Silver

Figure 7 shows the results for silver. Several patterns are present in these results. The most conspicuous is a concentration of weakly (orange) to moderately anomalous (red) values located on the northeast flank of the hill immediately to the west of Mitzi Lake. These are interpreted to be indicative of an *in situ* source situated close to the top of the hill. Scattered amongst these and forming a general northeast trend are a number of highly anomalous values (magenta) that extend from the southwestern corner of the grid to the hill top. This trend is parallel to the regional ice-flow direction (towards the northeast) and therefore these values are likely to represent glacially dispersed material derived from a source up-ice to the southwest of the grid.

Scattered anomalous and highly anomalous values also occur at other locations on the grid, most notably about 600 metres to the north of Mitzi Lake and within the main drainage approximately 1,100 metres west-northwest of the lake. Both of these locations are within drainages and therefore it is likely that the elevated silver values are caused by hydromorphic concentration.

Arsenic

Arsenic results are shown in Figure 8. Two anomalous features can be seen in these results. The most conspicuous is a large area of moderately to highly anomalous values covering the hill immediately west of the lake. This feature has very sharp boundaries, suggesting that there has been minimal lateral (colluvial) dispersion from its source.

The other feature of interest is a north-northwest trend of highly anomalous values following the axis of the range of hills along the east side of the grid. A cluster of anomalous values on the southeast shore of the lake occurs in a steep slope environment and may represent colluvial dispersion from a source close to the hill top at the southeast corner of the grid. The two clusters of anomalous values north of the lake correspond with the ridge top, however the northern cluster also appears to fall at the headwaters of a creek draining to the east. The source of these anomalies is likely to be lithological as the anomalous trend closely follows the regional strike direction.

Gold

Gold results (Fig. 9) do not show any coherent patterns. Anomalous to highly anomalous values are scattered over much of the grid area, forming a crude northeast trend southwest of the lake. As seen in the silver results, this parallels the regional ice flow direction suggesting that gold is occurring in the soils as glacially dispersed grains.

Bismuth

This element (Fig. 10) has a similar pattern to arsenic. It forms a large 800 by 600 metre anomaly defined by moderately to highly anomalous values centred on the eastern end of the hill west of the lake. Unlike arsenic however, bismuth displays a distinct annulus or do-nut shape pattern with a conspicuous low in the centre of the anomaly. Maximum values occur on the west and southwest sectors of this feature. The anomaly is interpreted to be *in situ*. Elsewhere on the grid, bismuth values exhibit only background variations with the exception of an isolated highly anomalous value on the northern grid boundary.

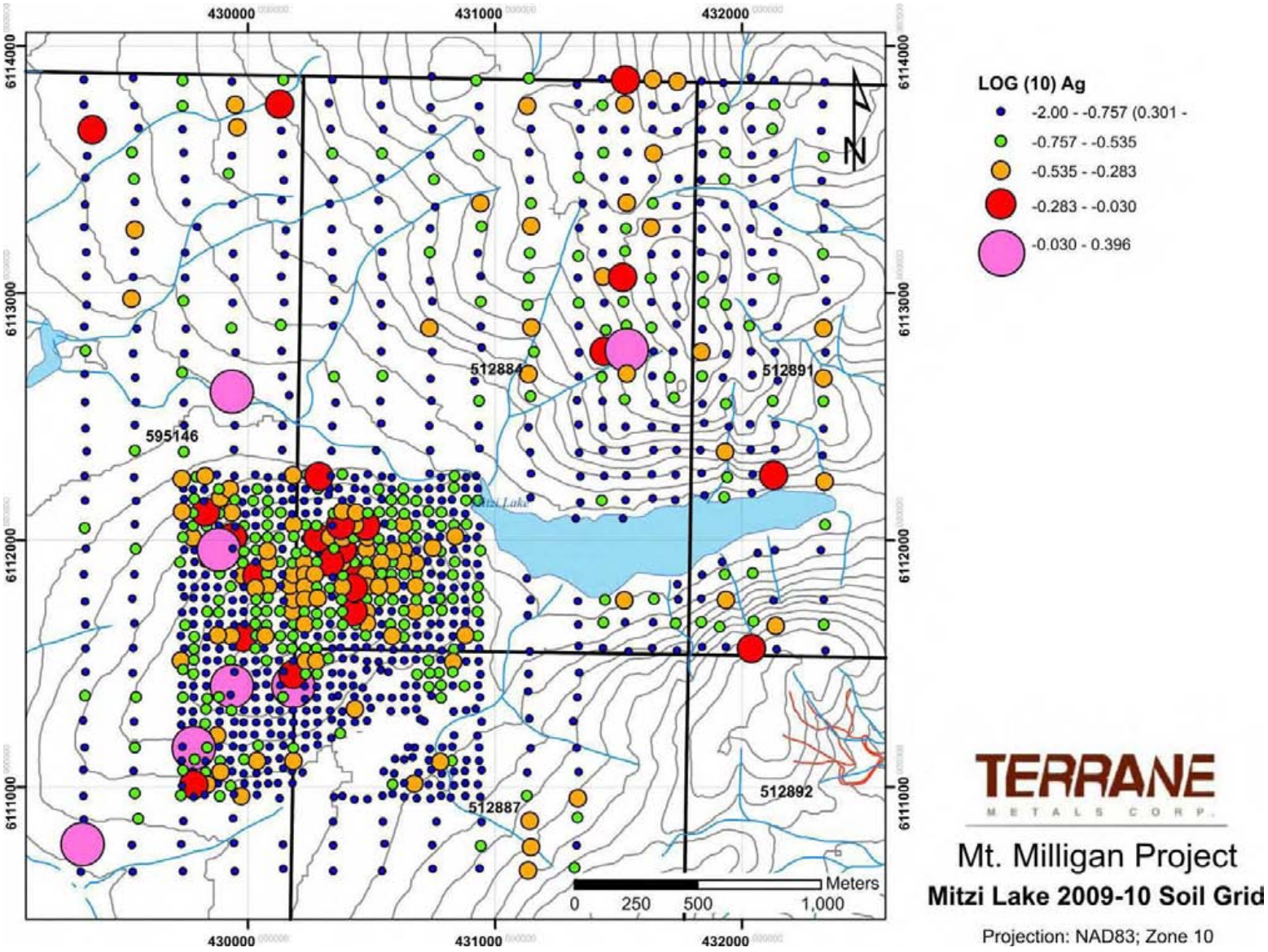

Figure 7 Silver Results.

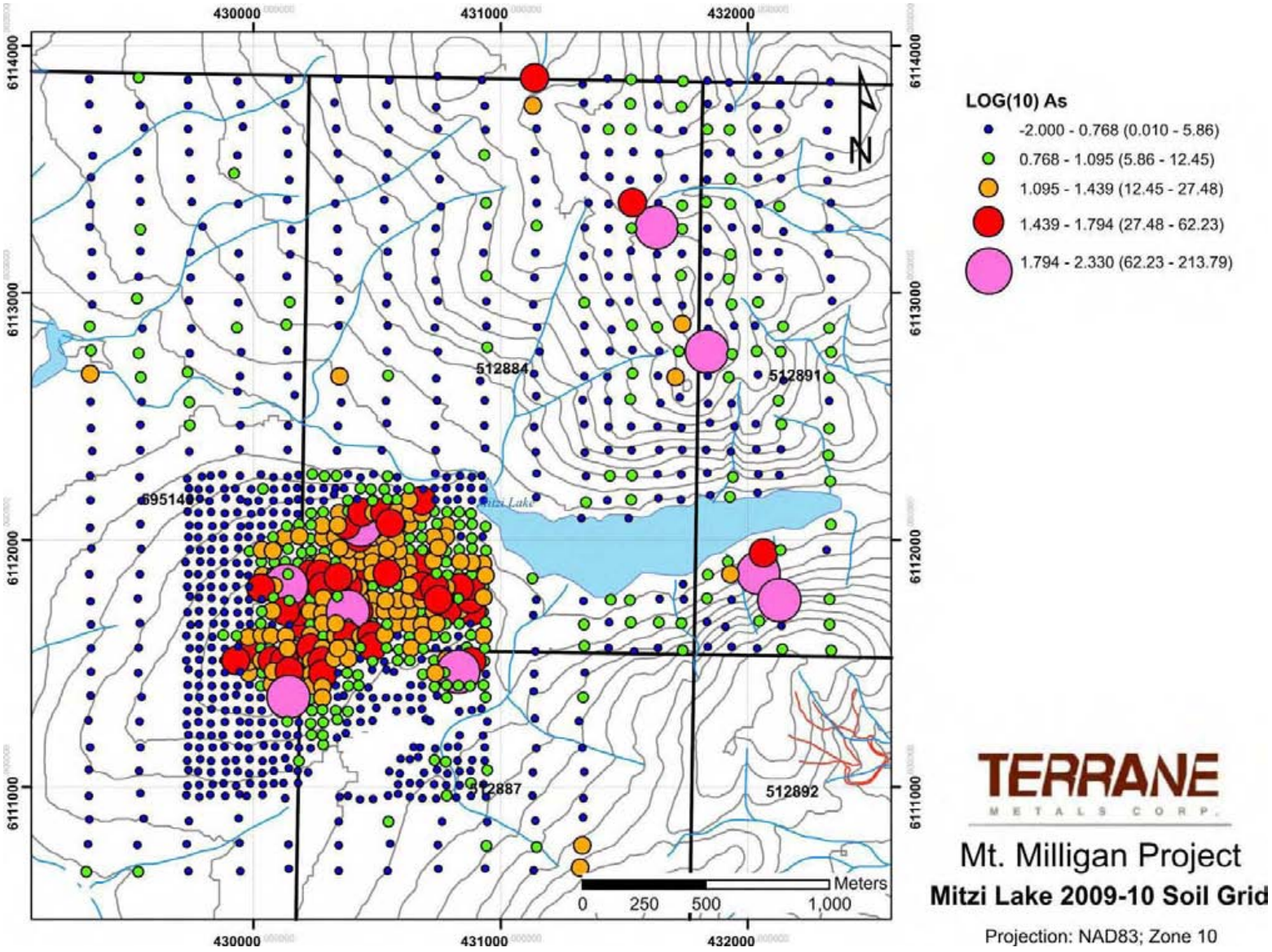

Figure 8 Arsenic Results

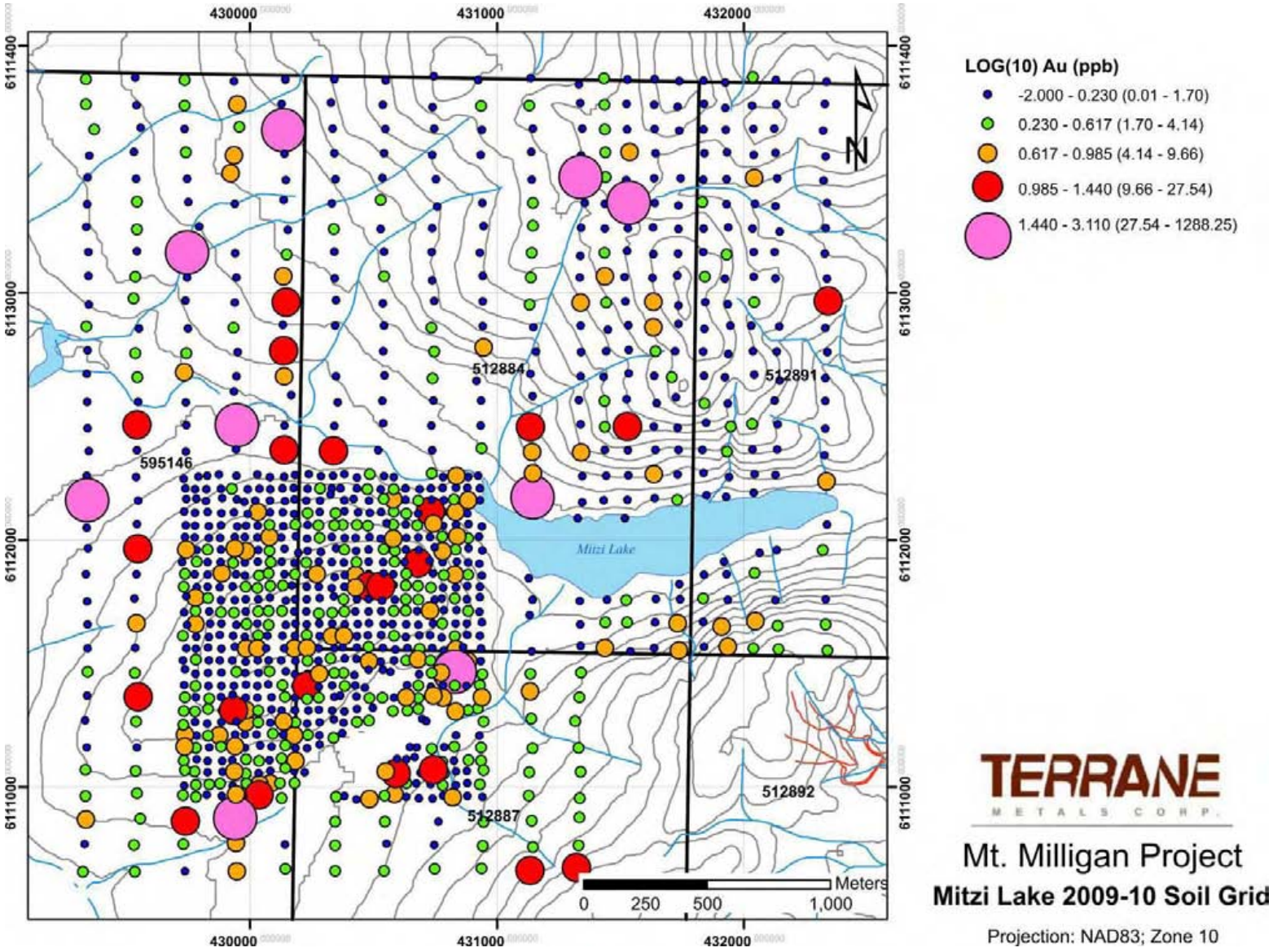

Figure 9 Gold Results

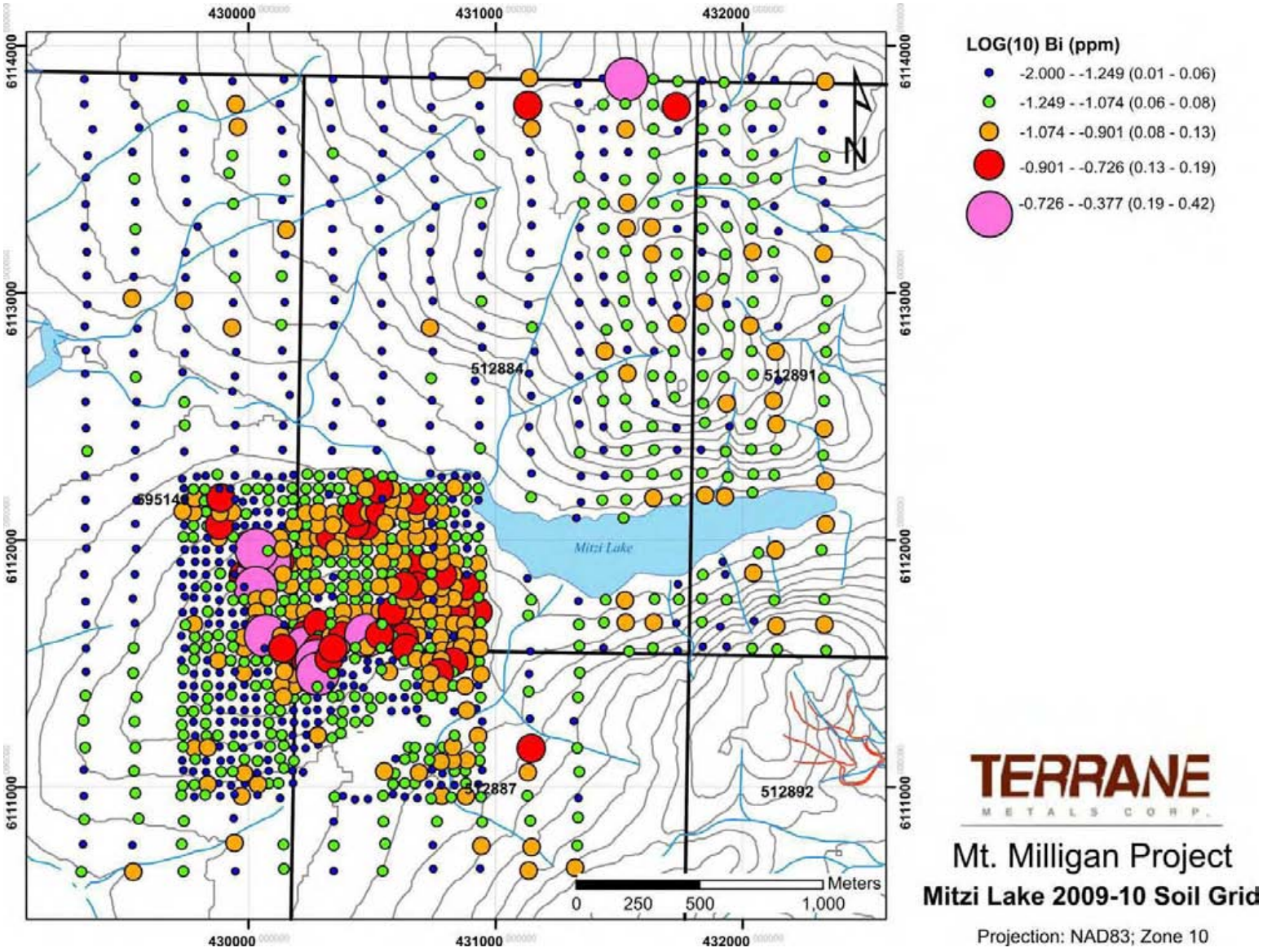

Figure 10 Bismuth Results

Cadmium

Figure 11 illustrates the results for cadmium. As seen for arsenic and bismuth, cadmium defines a moderate to high contrast anomaly centred on the hilltop west of Mitzi Lake. Like bismuth there is a hint of an annular pattern with lower values in the centre of the anomaly and maximum values occurring on the north and southwest sides. A small cluster of highly anomalous values is also present near the break of slope on the northwest flank of the hill. This is interpreted to be a hydromorphic anomaly. Elsewhere on the grid, anomalous values are randomly scattered with no discernable pattern. These are possibly related to glacially dispersed material containing anomalous cadmium concentrations. As such they are considered to be part of the background variation.

Cobalt

This element (Fig. 12) displays quite a different distribution to those of silver, arsenic and bismuth. It defines a strong anomaly located on the steep north-facing slope on the southeast shore of Mitzi Lake. The position of the highest values close to the break in slope suggests that this is a hydromorphic anomaly. The potential source is located up the slope to the south, outside of the area sampled. No other coherent anomalies are present on the grid although the hills on the east side appear to have a slightly higher background than the low-lying areas to the west, suggesting that the slightly elevated cobalt values may be related to a particular lithology such as the augite-phyric andesites, that crop out on the eastern part of the grid.

Copper

A similar pattern is shown by copper (Fig. 13). Anomalous values cluster on the slope southeast of Mitzi Lake but also on the western flank of the ridge to the north. This suggests that elevated copper values are also related to a particular lithology that forms the higher ground.

Scattered anomalies over the rest of the grid appear to be related to drainages or breaks in slope suggesting that they are hydromorphic in nature. Two of the more prominent ones occur at the southwest and northwest corner of the 2010 grid on the flanks of the hill hosting the strong silver, arsenic and bismuth anomalies. A third prominent anomaly occurs along the drainage near the northwest boundary of the 2009 grid.

Manganese

Manganese (Fig. 14) is another element that tends to be concentrated by hydromorphic processes and consequently it has a very similar distribution to cobalt and copper. The main difference to these elements is that manganese also displays a weakly to moderately anomalous pattern around the hill with the strong silver, arsenic and bismuth anomalies. As seen in the bismuth results anomalous manganese values define a do-nut or annular shaped zone around the flanks of the hill. This feature is broader than the annular anomalies for bismuth and cadmium suggesting that some sort of zonation may be present. More widely dispersed manganese values also reflect this element's relatively high mobility under mildly acidic conditions.

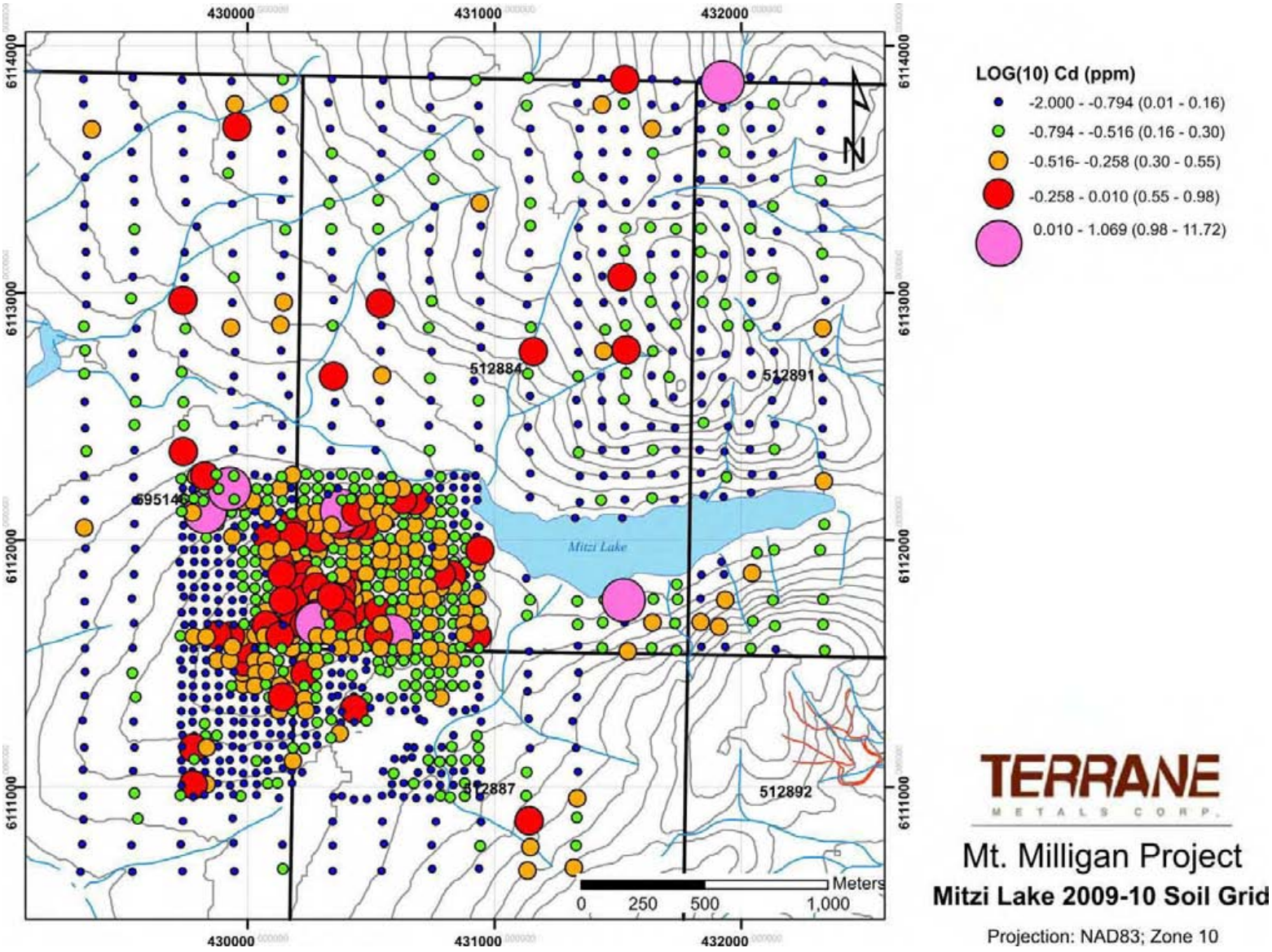

Figure 11 Cadmium Results

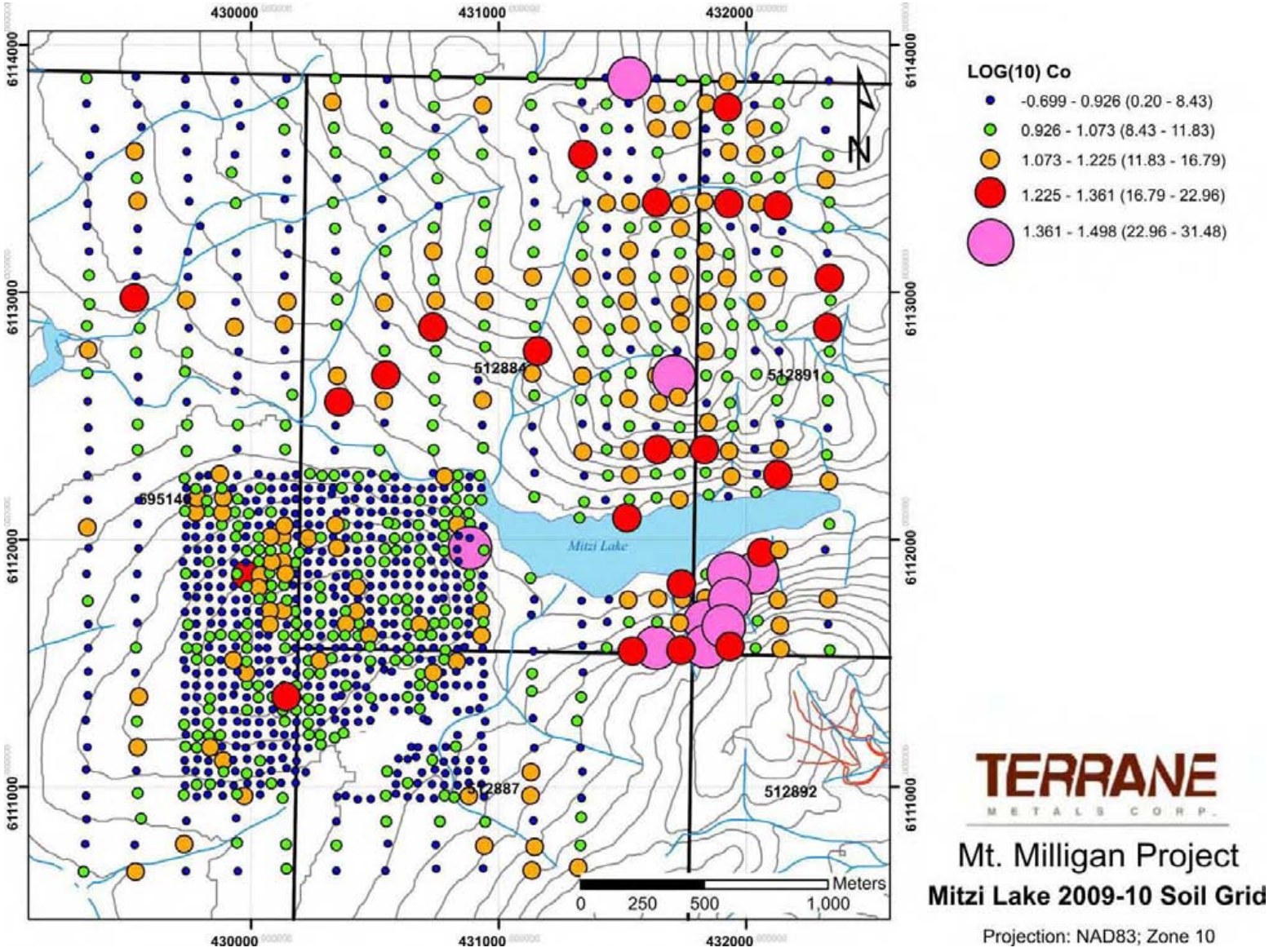

Figure 12 Cobalt Results

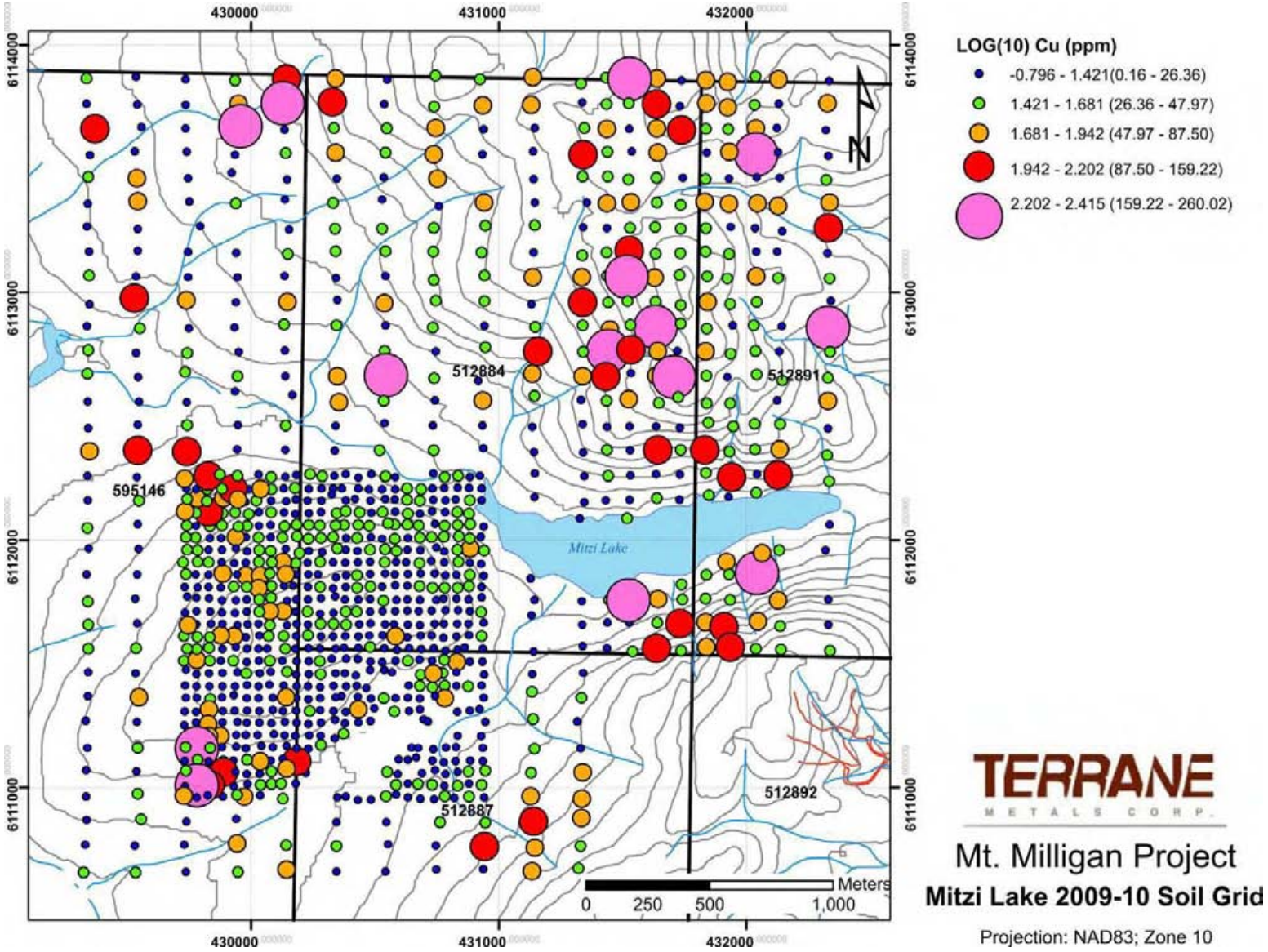

Figure 13 Copper Results

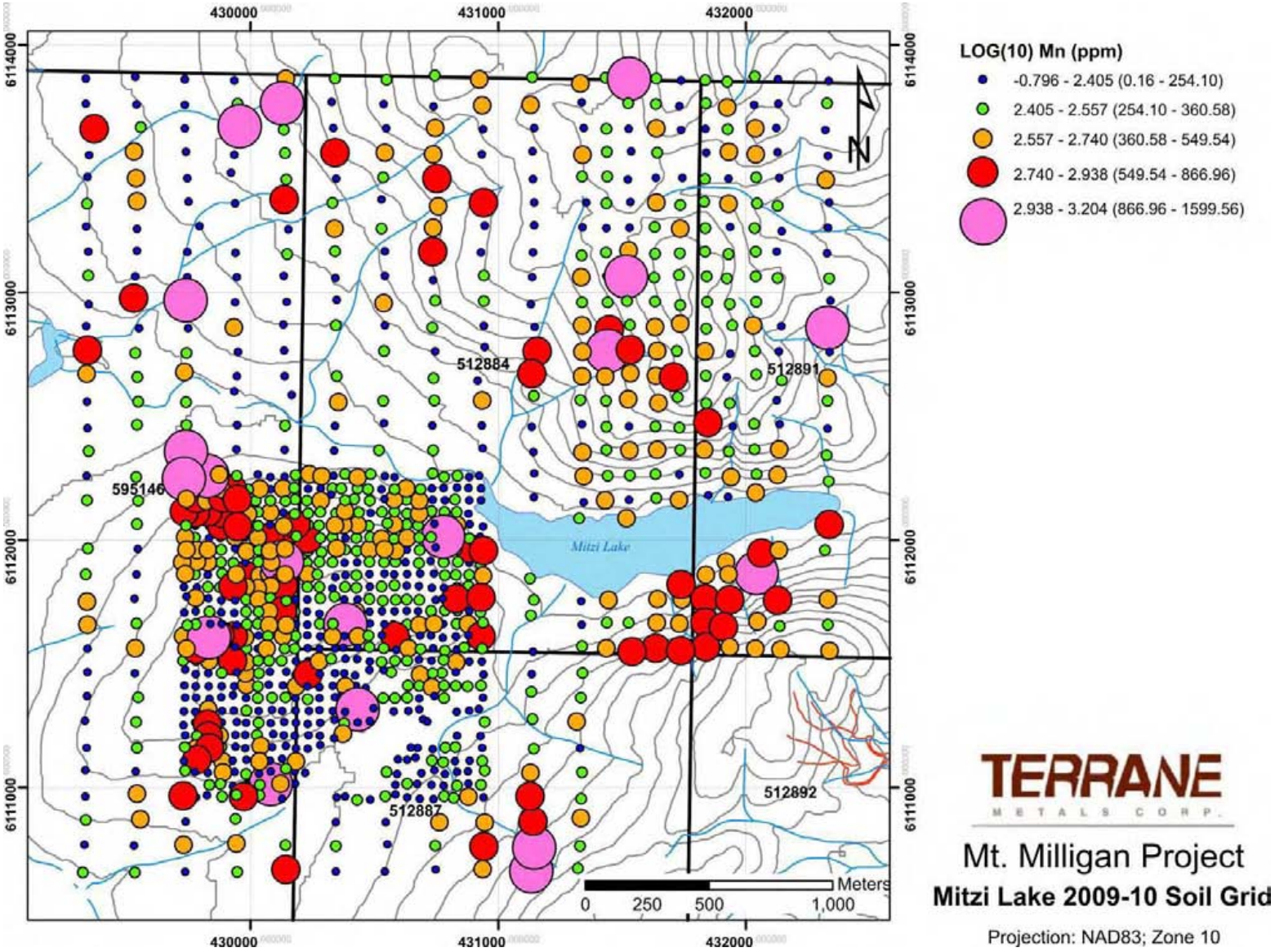

Figure 14 Manganese Results

Molybdenum

Molybdenum results are shown in Figure 15. This element has a similar distribution to silver, arsenic, cadmium and bismuth. It forms a moderate-strength anomaly centred on the hilltop west of Mitzi Lake. Maximum values are concentrated on the western end of the anomaly where a cluster of highly anomalous samples cover a 400 by 200 metres area. A linear trend of moderately anomalous molybdenum values extends off to the northwest from the main anomaly. This feature corresponds with interpreted hydromorphic anomalies in the cobalt, copper and manganese results and could be of similar origin. However as molybdenum is much less mobile than these elements under mildly acidic conditions, an alternative explanation for may be mechanical dispersion down-slope from the strongest part of the main molybdenum anomaly.

Elsewhere on the grid values are very low. Only two small anomalies are noted: one on the southeast shore of Mitzi Lake and a second on the northern grid boundary to the north of the lake.

Lead

Lead is another element that defines a strong do-nut shaped anomaly on the hill to the southwest of the lake (Fig. 16). Its distribution mimics that of bismuth as it displays a pronounced central low surrounded by a ring of moderately to highly anomalous values. The entire lead anomaly covers an area of approximately 1000 by 650 metres. Outside of this zone, only background values are observed over the rest of the grid.

Antimony

Antimony (Fig. 17) is also concentrated into a significant anomaly on the hill southwest of Mitzi Lake. As observed with arsenic, it has sharp borders suggesting that it is an in situ feature. It does not have the annular form shown by bismuth, manganese and lead. Instead highest values are concentrated more or less in the middle of the anomalous area. There are no other significant anomalies elsewhere on the grid although scattered high values do occur along the ridge on the east side of the survey area.

Thallium

An annular shaped anomaly is shown by thallium over the hilltop west of Mitzi Lake (Fig. 18). This element forms a well defined, moderate to strongly anomalous area some 900 by 600 metres in size. Anomalous values are coincident with those of arsenic, bismuth, manganese and lead. Highly anomalous values are also present on the southern shore of the lake where they occur on the steep slope and on the flat ground immediately adjacent to the lake shore. A pair of similar strength anomalous samples is also present on the gentle southwest facing slope north of the 2010 infill grid. Over the remainder of the grid, moderately anomalous values are scattered without forming coherent patterns. This is interpreted to be part of the natural background for this element.

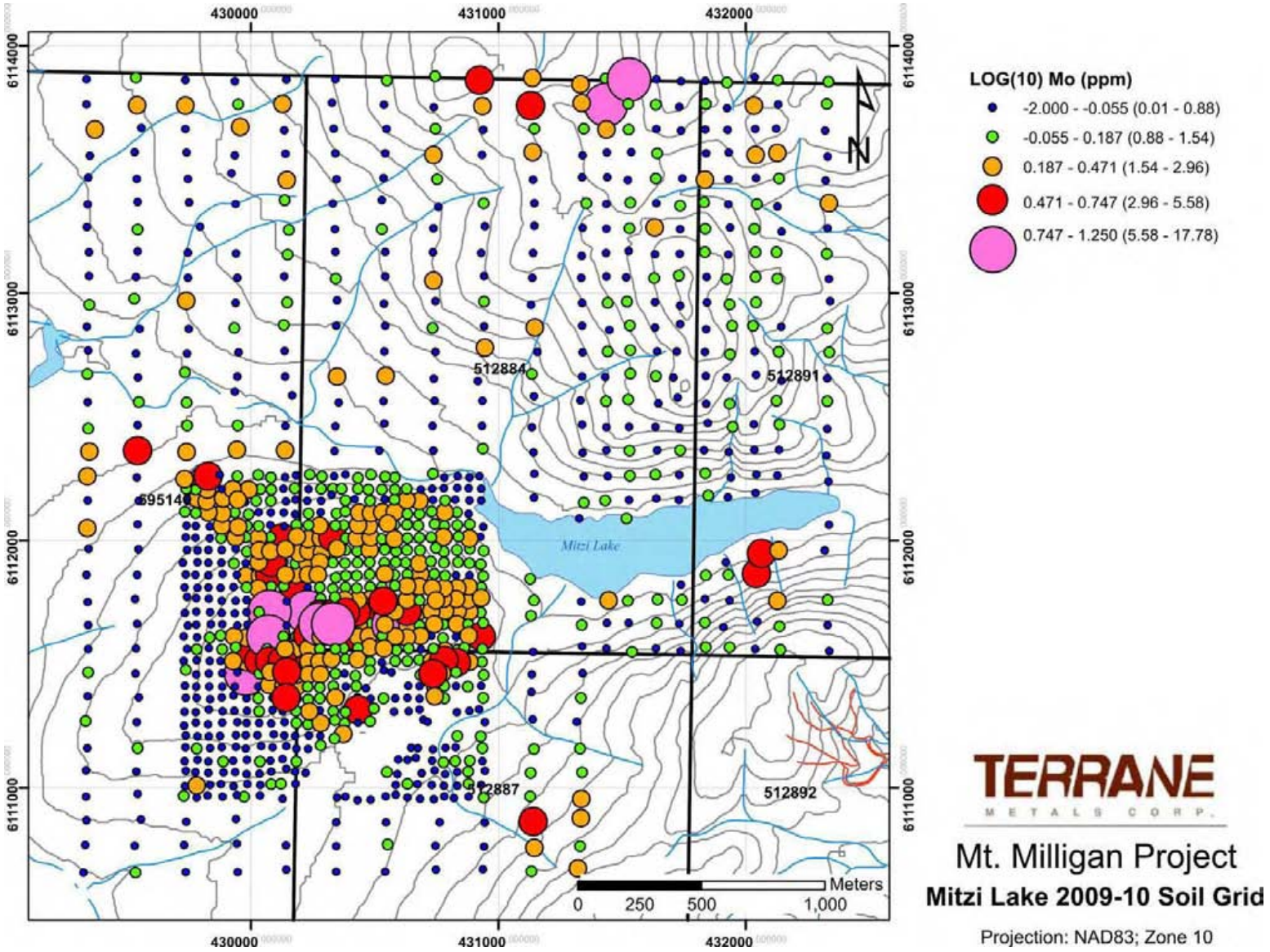

Figure 15 Molybdenum Results

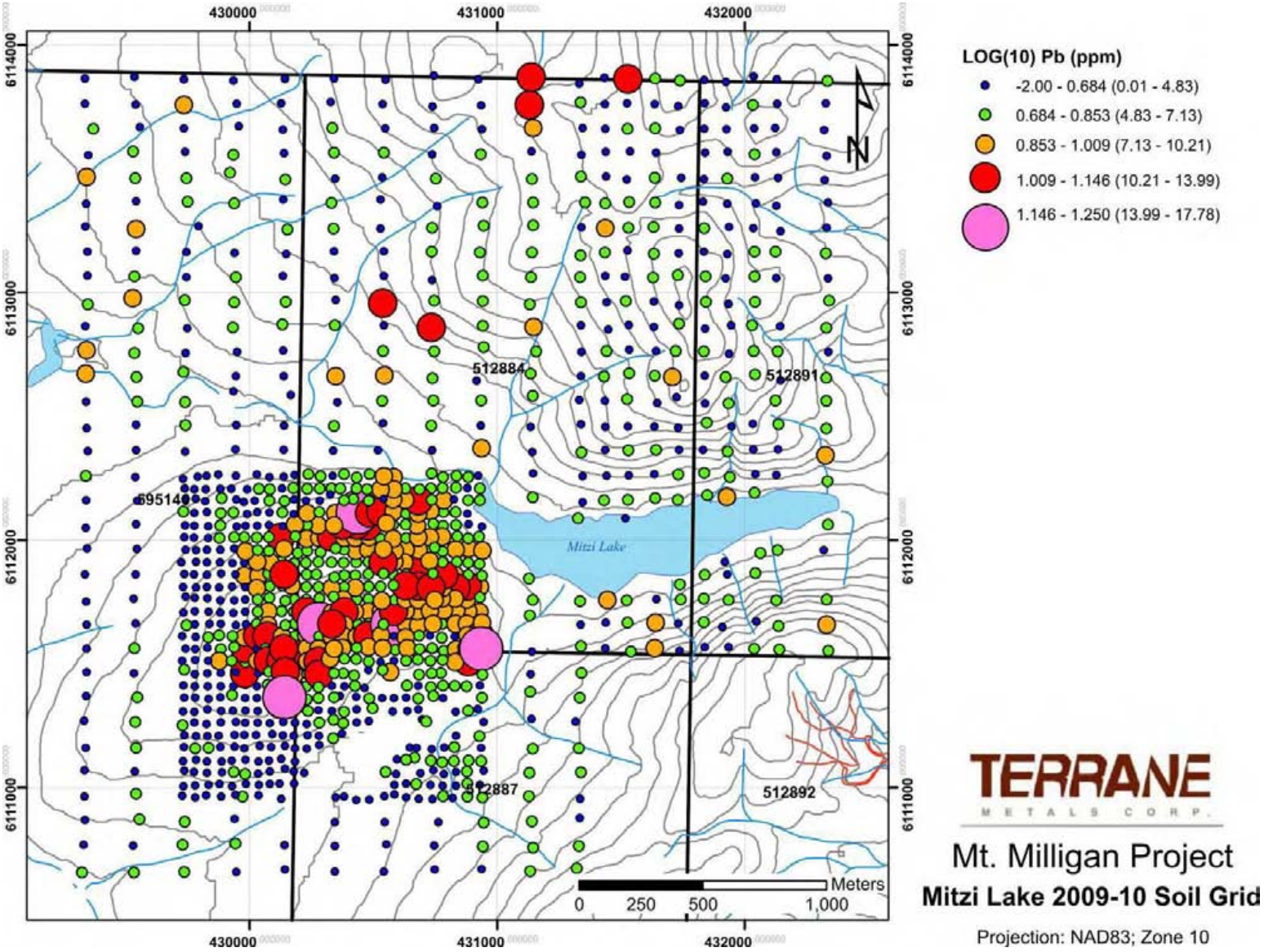

Figure 16 Lead Results

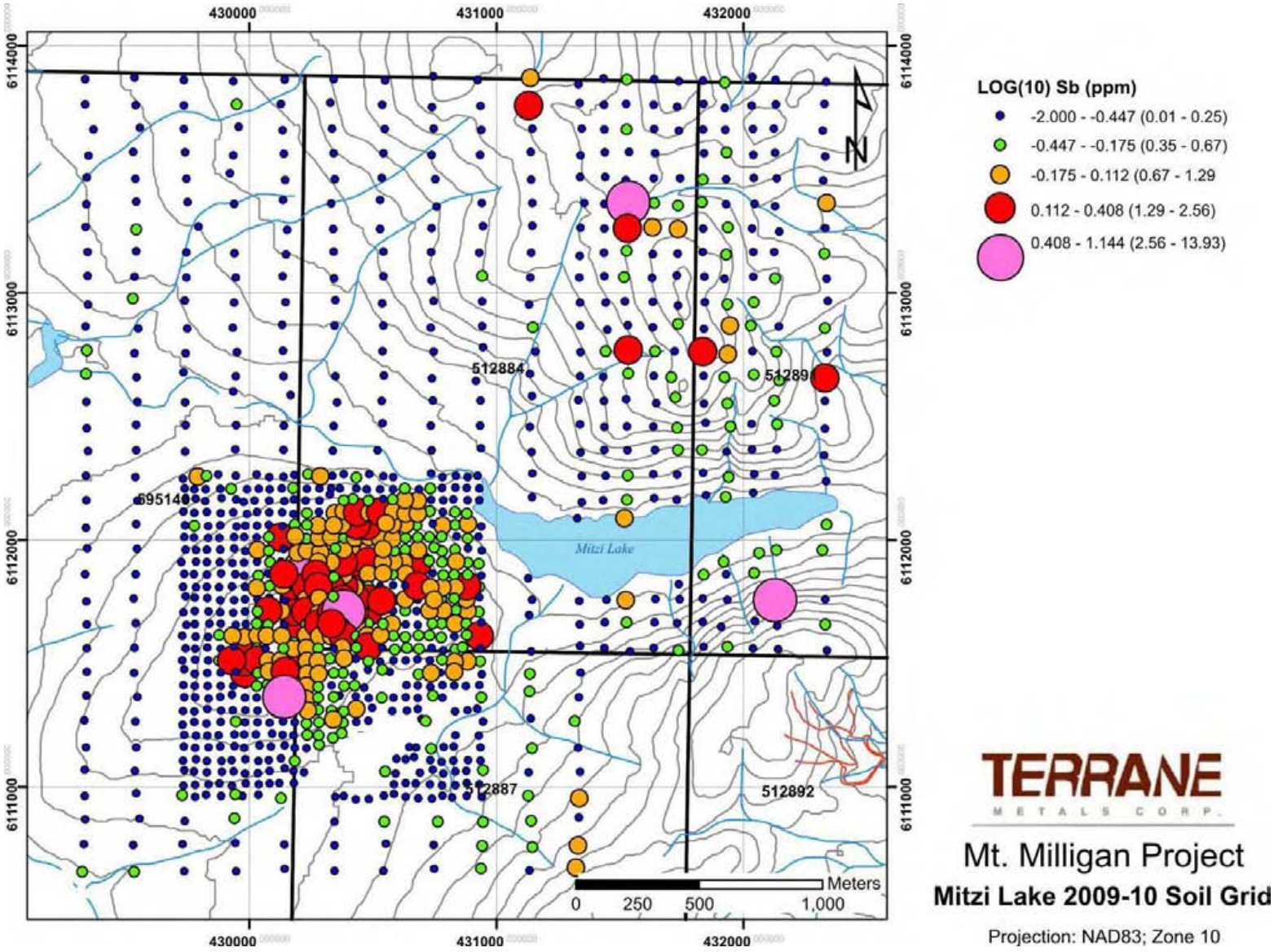

Figure 17 Antimony Results

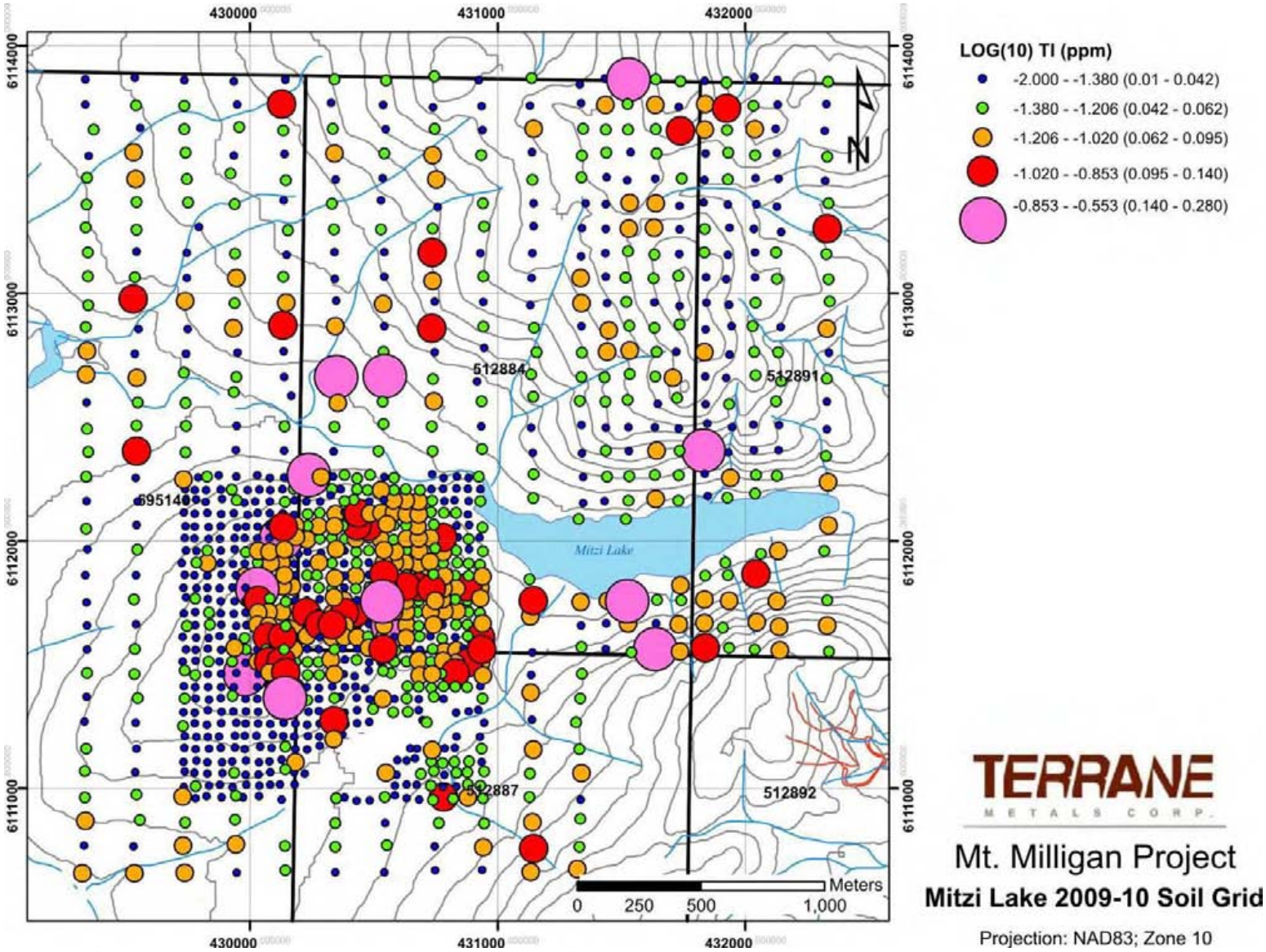

Figure 18 Thallium Results

Zinc

This element also defines a moderate to highly anomalous zone centred on the top of the hill southwest of Mitzi Lake (Fig. 19). While not a clear annular feature, higher values are concentrated near to the edges of the anomaly, particularly at its western edge where the maximum values occur.

A weak anomaly is also present on the southeast shore of Mitzi Lake. Here moderately anomalous values occur on the steep north-facing slope and at the break in slope suggesting that they are probably of colluvial and/or hydromorphic origin. Like cobalt, copper and manganese that are also highly anomalous in this area, the potential source for these metals is probably the lithological unit that forms the high ground along the eastern side of the grid.

Discussion of Results

From the element distributions described above it is apparent that are at least two potential sources of anomalous metals on the Mitzi Lake soil grid. One, referred to as Source A on Figure 20, appears to be related to a bedrock mineralized zone; and the second, Source B, to a lithological unit with elevated background metal contents.

Source A is likely related to a subcropping or blind intrusion, possibly a small porphyry system, as suggested by the association of bismuth, molybdenum and lead. The elevated toxic metals arsenic, antimony and thallium and a lack of a copper anomaly, suggest that the highest levels, perhaps even the epithermal environment may be preserved in this area. The annular form of several of the metal anomalies suggests a zonation of metals around the intrusion, and may indicate a barren core underlying the top of the hill. This anomaly pattern may also be partially caused by mechanical dispersion of anomalous material on the hill sides around a central source located near the top of the hill.

Anomalies attributed to the lithological source occur in the eastern part of the grid on the moderate to steep slopes leading down from the north-south trending height of land. They may not represent an exploration target as such, but rather hydromorphic concentrations of highly mobile metals (cobalt-copper-manganese-zinc) on the hill sides and at the breaks in slope below the slightly elevated in these metals. Anomalies present on the southeast shore of Mitzi Lake may also be related to the presence of small monzonite intrusions that cut the volcanic units in that area (Fig. 3).

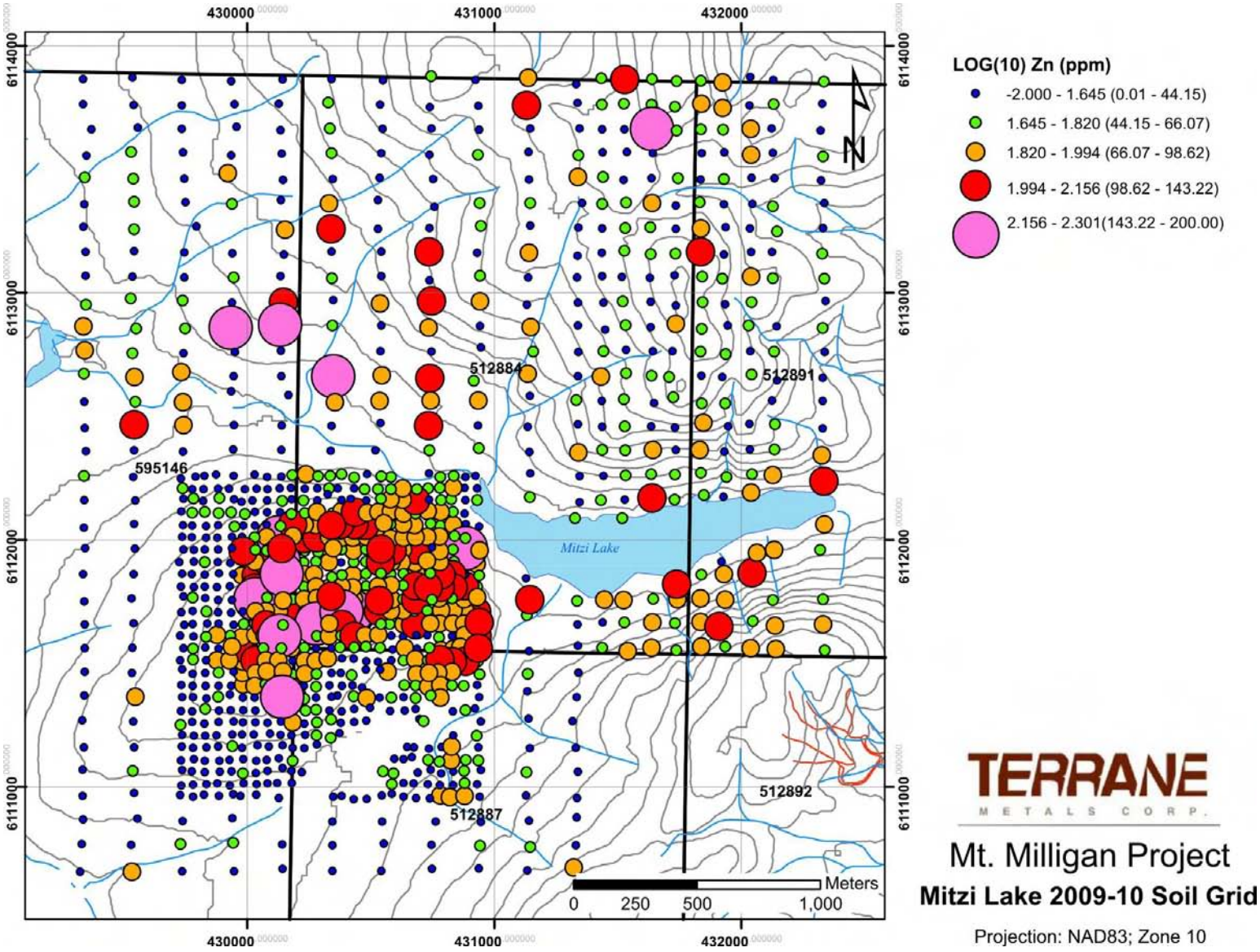

Figure 19 Zinc Results

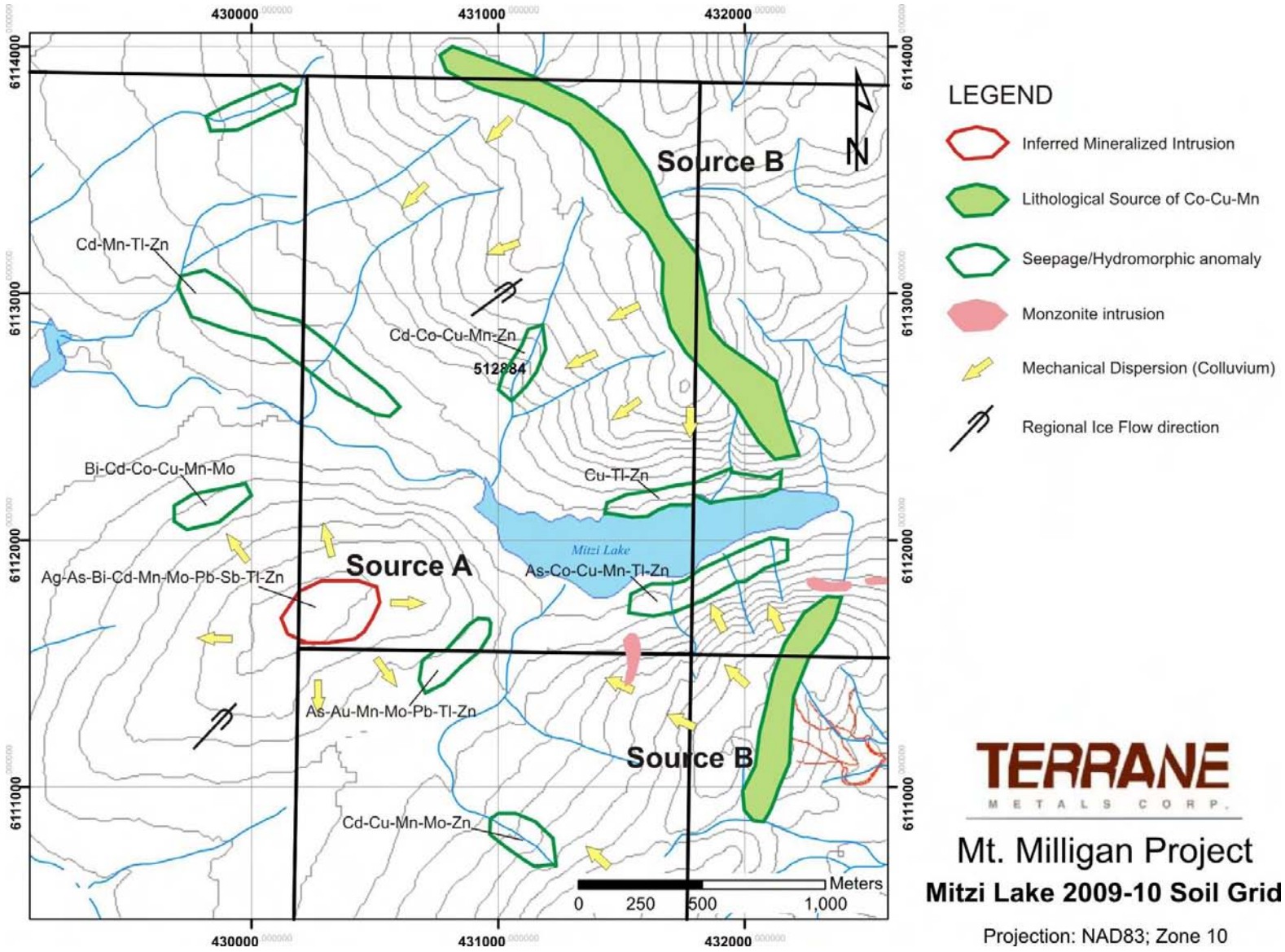

Figure 20 Interpretation

Conclusions and Recommendations

The 2009-10 Mitzi Lake soil sampling program succeeded in identifying an important multi-element soil anomaly situated on a low hill to the west of Mitzi Lake. This feature, which covers an area of approximately 800 by 600 metres, has the geochemical signature of a high-level intrusive source, possibly the upper levels of a blind porphyry system. Previous mapping (Fig. 3) has not identified any intrusions in the area of the anomaly although a diorite body has been mapped approximately one kilometre to the west and three small monzonite bodies identified from one to two kilometers to the east. It is recommended that the 2010 grid area be mapped and prospected at a 1:2500 metre scale and that all outcrops be chip sampled in order to identify the source of the anomalous metals and to confirm the presence of an intrusion. Compilation of existing information including available airborne and ground geophysical data should help to highlight the position of any intrusive bodies present. If this work yields positive results, an induced polarization survey should be considered to develop a drill target.

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Statement of Qualifications

I David Rudi Heberlein of 303-108 West Esplanade Avenue, North Vancouver, in the province of British Columbia, certify that:

I am a graduate of the University of Southampton, UK (1980) and hold a B.Sc. (Hons) degree in Geology and that I am a graduate of The University of British Columbia (1985) and hold a M.Sc. Degree in Geology.

I have worked in my profession as a Geologist and Geochemist since 1980.

I am a registered Professional Geoscientist of the Province of British Columbia in good standing (License # 19756).

I am an independent consultant hired by Terrane Metals Corp. for the purpose of preparation of this report.

I have not visited the site nor was I involved with the collection or analysis of the samples discussed in this report.

Dated this 29th day of October, 20109 at North Vancouver, BC, Canada.

Signed “David Heberlein”

_____

David Heberlein M.Sc. P.Geo.
Consulting Exploration Geochemist

APPENDIX 1

ANALYTICAL RESULTS

Quality Analysis ... *Innovative Technologies*

Date Submitted: 06-Jul-09
Invoice No.: A09-3550
Invoice Date: 21-Aug-09
Your Reference: Mt. Milligan

Terrane Metals Corp
1500-999 West Hastings Street
Vancouver BC V6C 2W2
Canada

ATTN: VP Exploration Darren O'brien

CERTIFICATE OF ANALYSIS

215 Soil samples were submitted for analysis.

The following analytical package was requested: Code UT-1-0.5g Aqua Regia ICP/MS

REPORT **A09-3550**

Notes:
Assays are recommended for values >10,000 for Cu and Au.

CERTIFIED BY :

Emmanuel Eseme , Ph.D.
Quality Control

SCC Accredited LAB 265
LAB 266 Accrédité CCN

ACTIVATION LABORATORIES LTD.

1336 Sandhill Drive, Ancaster, Ontario Canada L9G 4V5 TELEPHONE +1.905.648.9611 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Li	Be	B	Na	Mg	Al	K	Bi	Ca	Sc	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Rb	Sr
Unit Symbol	ppm	ppm	ppm	%	%	%	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.1	0.1	1	0.001	0.01	0.01	0.01	0.02	0.01	0.1	1	0.5	1	0.01	0.1	0.1	0.01	0.1	0.02	0.1	0.1	0.1	0.1	0.5
Analysis Method	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
A300501	10.9	0.3	8	0.024	0.68	1.96	0.06	0.06	0.61	4.7	138	60.1	334	3.97	9.6	23.2	21.2	55.7	9.49	< 0.1	7.9	0.5	14.2	62.6
A300502	14.9	0.3	7	0.026	0.57	2.06	0.05	0.07	0.71	4.5	148	60.3	675	4.22	13.9	21.4	36.4	83.1	10.7	< 0.1	7.0	0.3	9.0	66.6
A300503	26.8	0.4	7	0.032	0.87	2.08	0.06	0.07	1.22	6.3	103	60.4	626	3.48	15.5	40.5	78.0	72.0	6.88	< 0.1	7.9	0.6	12.9	72.6
A300504	6.4	0.2	7	0.025	0.38	1.57	0.08	0.09	0.58	4.3	126	47.4	261	3.37	7.1	14.8	15.9	58.6	9.38	< 0.1	4.5	0.3	23.3	60.5
A300505	20.3	0.4	7	0.029	0.93	2.48	0.08	0.05	0.74	6.6	117	71.1	508	4.06	16.8	38.4	34.5	77.1	8.54	< 0.1	11.3	0.4	13.1	56.5
A300506	13.2	0.3	6	0.036	0.88	1.82	0.07	0.04	0.97	7.4	100	58.1	600	2.96	15.4	26.8	25.9	53.6	6.35	< 0.1	4.4	0.4	9.5	73.5
A300507	9.8	0.4	6	0.033	0.54	1.58	0.06	0.06	1.34	4.4	76	43.7	708	2.45	10.2	21.2	81.3	45.7	5.47	< 0.1	5.1	0.7	9.2	75.1
A300508	13.1	0.3	6	0.030	0.55	1.81	0.05	0.04	0.66	5.2	113	50.2	242	3.54	7.4	19.9	23.1	43.5	6.90	< 0.1	4.9	0.4	9.7	65.1
A300509	16.3	0.6	5	0.042	0.60	2.25	0.07	0.07	1.45	6.6	100	62.4	672	3.39	14.7	36.1	81.9	56.0	6.69	< 0.1	8.2	1.1	9.7	72.6
A300510	21.6	0.3	6	0.029	0.52	1.98	0.06	0.08	0.59	4.9	121	45.9	270	3.38	9.3	19.1	18.5	69.1	9.51	< 0.1	3.9	0.2	11.2	62.5
A300511	8.3	0.2	6	0.025	0.35	1.33	0.06	0.05	0.62	4.0	94	38.4	188	2.26	5.2	12.4	10.2	45.4	7.47	< 0.1	2.0	0.2	9.8	67.2
A300512	8.6	0.2	6	0.028	0.55	1.45	0.05	0.03	0.63	4.5	105	39.1	311	3.17	7.3	15.0	28.7	45.2	6.77	< 0.1	3.3	< 0.1	10.2	65.7
A300513	7.6	0.2	4	0.027	0.36	1.67	0.05	0.06	0.49	4.2	130	40.9	202	3.37	5.5	12.9	19.4	33.2	9.25	< 0.1	3.9	0.2	7.9	70.1
A300514	13.7	0.3	4	0.027	0.36	1.84	0.05	0.06	1.09	4.6	114	40.2	202	2.95	7.0	13.1	31.4	49.9	9.05	< 0.1	2.3	0.3	7.4	66.7
A300515	13.7	0.5	5	0.025	0.41	1.92	0.05	0.07	0.50	3.6	113	40.7	463	3.13	10.6	14.0	27.7	64.7	8.38	< 0.1	2.0	0.2	11.3	54.2
A300516	16.0	0.4	5	0.021	0.58	1.95	0.06	0.08	0.68	4.1	106	49.9	260	3.26	9.3	20.2	31.6	66.9	7.75	< 0.1	8.6	0.3	13.1	57.7
A300517	19.3	0.3	6	0.024	0.45	1.79	0.05	0.05	0.52	4.8	116	39.3	281	3.03	10.9	18.8	25.1	59.6	7.80	< 0.1	2.8	0.2	10.9	56.4
A300518	13.2	0.3	7	0.027	0.48	2.01	0.06	0.05	0.57	4.6	94	42.3	236	3.07	7.6	18.4	20.5	67.5	8.04	< 0.1	6.0	0.3	14.5	61.5
A300519	14.4	0.3	6	0.029	0.59	2.09	0.06	0.03	0.59	5.1	107	48.7	268	3.69	10.2	26.4	28.6	65.9	6.92	< 0.1	8.3	0.2	10.7	61.8
A300520	12.6	0.4	6	0.033	0.69	1.91	0.06	0.05	1.04	5.4	89	51.1	624	2.97	11.2	27.2	37.7	114	6.26	< 0.1	14.6	0.5	10.9	73.0
A300521	17.8	0.4	4	0.023	0.77	2.40	0.04	0.05	0.38	8.8	185	116	669	6.04	17.4	42.4	51.4	125	12.5	< 0.1	37.9	0.3	4.8	34.1
A300522	10.2	0.2	6	0.026	0.35	1.74	0.04	0.08	0.57	4.6	133	37.8	194	3.37	6.0	13.5	13.5	49.8	11.2	< 0.1	5.1	0.4	10.1	58.3
A300523	34.1	0.4	7	0.041	0.80	2.14	0.08	0.07	1.17	9.7	112	72.0	953	3.76	14.8	43.8	91.9	117	6.68	< 0.1	6.8	0.8	14.9	78.6
A300524	13.7	0.3	5	0.025	0.61	1.96	0.08	0.05	0.49	4.9	123	49.1	269	3.83	8.1	19.1	22.5	63.8	8.70	< 0.1	8.9	0.2	21.7	54.0
A300525	14.4	0.4	8	0.029	0.74	2.26	0.07	0.05	0.68	4.6	116	58.5	413	4.04	15.2	40.8	63.2	85.7	8.60	< 0.1	5.2	0.3	11.4	55.3
A300526	18.6	0.2	6	0.029	0.75	1.95	0.06	0.05	0.59	4.6	140	58.2	407	4.44	11.0	24.2	23.0	73.4	8.97	< 0.1	5.1	0.2	15.6	61.9
A300527	15.1	0.2	15	0.025	0.49	1.99	0.05	0.07	0.60	5.1	107	42.6	320	2.55	7.1	15.6	14.4	59.3	11.0	< 0.1	2.2	0.2	7.3	66.2
A300528	8.9	0.2	4	0.027	0.27	1.56	0.07	0.06	0.54	3.5	100	34.5	217	2.85	6.2	19.1	19.7	69.4	8.14	< 0.1	3.7	0.1	8.6	53.4
A300529	9.5	0.4	5	0.039	0.53	1.80	0.08	0.04	1.06	5.0	104	42.2	488	2.90	9.9	24.3	34.8	38.8	6.52	< 0.1	3.6	0.4	10.4	70.8
A300530	10.3	0.4	4	0.036	0.48	1.84	0.08	0.06	1.03	4.7	107	39.2	503	2.61	10.4	21.0	31.5	39.7	7.24	< 0.1	2.6	0.2	10.6	66.9
A300531	5.5	0.3	4	0.032	0.22	1.11	0.05	0.04	0.83	2.8	66	25.8	239	1.79	5.5	11.4	28.0	22.9	4.88	< 0.1	0.9	0.4	7.7	59.5
A300532	8.1	0.3	4	0.039	0.42	1.36	0.06	0.05	1.39	3.9	91	41.4	384	2.53	8.3	19.3	27.9	32.5	5.08	< 0.1	2.3	0.4	9.3	72.1
A300533	7.4	0.3	4	0.039	0.44	1.38	0.06	0.02	1.02	4.3	83	36.3	320	2.25	7.3	19.6	22.9	27.3	5.52	< 0.1	2.1	0.5	7.4	73.5
A300534	11.0	0.4	4	0.034	0.47	2.39	0.09	0.06	0.83	4.4	107	40.7	317	2.96	9.5	25.5	52.9	40.1	9.01	< 0.1	2.6	0.3	10.6	72.1
A300535	7.3	0.2	5	0.031	0.27	1.61	0.06	0.04	0.65	3.9	96	36.7	196	2.74	5.3	13.8	12.6	30.7	7.77	< 0.1	2.6	0.3	13.8	61.9
A300536	5.6	0.3	4	0.026	0.26	1.35	0.07	0.05	0.55	3.4	102	34.7	413	2.72	6.0	12.7	12.4	49.7	7.18	< 0.1	3.5	0.2	10.3	53.5
A300537	11.6	0.3	4	0.024	0.46	1.47	0.11	0.08	0.56	3.2	76	34.6	278	4.09	8.3	32.4	34.8	80.4	6.12	< 0.1	25.1	0.9	11.0	49.9
A300538	6.7	0.2	4	0.024	0.23	1.11	0.07	0.08	0.47	3.2	92	37.3	194	2.88	5.6	14.0	12.1	52.3	6.47	< 0.1	9.9	0.3	12.0	47.9
A300539	11.1	0.3	4	0.026	0.39	1.56	0.07	0.08	0.49	3.7	96	37.1	420	3.57	9.8	16.1	16.4	74.3	6.51	< 0.1	21.4	0.3	13.1	43.4
A300540	16.7	0.3	4	0.027	0.43	1.49	0.08	0.07	0.49	3.9	118	46.7	316	3.78	9.1	18.4	15.5	102	8.18	< 0.1	10.3	0.3	17.3	41.8
A300541	8.7	0.3	4	0.029	0.40	1.49	0.09	0.06	0.64	3.5	83	44.7	346	2.37	7.3	16.3	17.5	55.8	8.05	< 0.1	3.7	0.4	15.4	69.7
A300542	7.0	0.3	4	0.028	0.31	1.39	0.05	0.06	0.54	4.0	113	39.9	190	3.21	5.9	15.1	22.3	35.9	7.01	< 0.1	6.2	0.4	8.0	50.0
A300543	7.2	0.2	5	0.032	0.38	1.33	0.06	0.06	0.64	4.2	125	45.8	295	3.40	7.5	19.2	17.7	42.3	6.69	< 0.1	6.1	0.2	12.0	54.7
A300544	2.3	0.1	3	0.025	0.12	0.86	0.04	0.04	0.42	1.7	53	24.2	90	1.29	2.2	6.4	9.00	15.2	4.94	< 0.1	1.6	0.2	5.0	45.7
A300545	21.7	0.6	5	0.028	0.49	2.39	0.13	0.12	0.40	3.9	86	38.0	294	4.45	7.1	16.2	13.6	118	8.16	< 0.1	10.4	0.3	29.8	48.7
A300546	7.5	0.2	5	0.020	0.22	1.17	0.05	0.08	0.46	3.0	98	35.8	231	2.72	6.1	12.4	12.5	59.7	6.16	< 0.1	5.0	0.2	10.4	39.2
A300547	7.8	0.2	4	0.026	0.38	1.20	0.11	0.08	0.59	4.2	110	34.7	300	3.02	7.1	12.3	11.9	56.0	7.83	< 0.1	9.2	0.4	19.3	46.2
A300548	11.6	0.2	4	0.027	0.25	1.51	0.05	0.14	0.60	3.2	108	35.4	170	2.91	5.7	12.2	8.62	42.0	8.03	< 0.1	17.8	0.2	10.3	53.1
A300549	11.0	0.4	5	0.029	0.42	1.79	0.10	0.13	0.57	4.0	102	41.7	316	3.61	10.0	23.5	28.3	59.7	6.96	< 0.1	19.3	0.3	14.0	52.1
A300550	14.2	0.4	5	0.028	0.44	1.97	0.11	0.09	0.51	4.2	99	43.8	451	5.20	11.9	34.8	52.2	144	6.55	< 0.1	10.4	0.9	14.9	47.1
A300551	8.7	0.3	4	0.028	0.38	1.62	0.08	0.05	0.60	3.9	95	39.2	227	3.15	6.2	16.1	22.6	45.2	6.65	< 0.1	29.6	0.4	15.6	58.8
A300552	7.5	0.3	4	0.026	0.41	1.53	0.11	0.06	0.50	2.8	78	31.8	221	3.05	6.2	15.1	22.6	51.2	5.92	< 0.1	33.1	0.5	15.9	48.0

Analyte Symbol	Li	Be	B	Na	Mg	Al	K	Bi	Ca	Sc	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Rb	Sr
Unit Symbol	ppm	ppm	ppm	%	%	%	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.1	0.1	1	0.001	0.01	0.01	0.01	0.02	0.01	0.1	1	0.5	1	0.01	0.1	0.1	0.01	0.1	0.02	0.1	0.1	0.1	0.1	0.5
Analysis Method	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
A300553	4.5	0.2	4	0.024	0.20	1.14	0.06	0.06	0.46	2.1	70	26.3	149	2.11	3.5	8.2	9.81	50.9	5.85	< 0.1	10.4	0.3	6.4	41.6
A300554	10.9	0.3	6	0.029	0.44	1.61	0.08	0.06	0.54	3.7	91	40.8	533	3.32	8.3	18.7	20.7	55.0	6.03	< 0.1	17.8	0.3	13.2	48.6
A300555	11.8	0.3	4	0.034	0.51	1.89	0.07	0.05	0.63	4.5	180	71.4	261	5.16	9.4	23.7	23.4	38.0	8.56	< 0.1	7.8	0.2	13.6	54.7
A300556	21.8	0.5	3	0.027	0.42	3.31	0.09	0.06	0.39	4.4	100	46.1	352	4.01	7.5	16.3	17.4	111	9.81	< 0.1	5.3	0.2	16.1	36.5
A300557	6.6	0.2	4	0.028	0.28	1.49	0.06	0.05	0.43	3.3	94	39.6	177	2.64	5.3	12.4	14.0	51.4	8.02	< 0.1	5.0	0.2	9.0	48.6
A300558	12.6	0.3	4	0.029	0.42	1.49	0.08	0.07	0.79	3.5	96	37.8	621	3.36	9.0	19.3	26.1	70.4	6.41	< 0.1	14.7	0.4	15.6	68.0
A300559	7.6	0.3	4	0.027	0.44	1.38	0.09	0.05	0.55	3.1	83	36.7	218	3.21	6.4	18.7	22.3	58.8	5.26	< 0.1	28.4	0.4	10.4	48.6
A300560	18.3	0.5	4	0.027	0.59	2.28	0.18	0.05	0.53	4.1	94	29.8	355	4.50	10.1	22.7	38.7	132	7.73	< 0.1	24.6	0.4	22.6	51.9
A300561	14.4	0.4	5	0.031	0.41	1.89	0.08	0.05	0.56	4.4	97	43.8	255	3.51	7.8	19.0	18.1	101	7.08	< 0.1	12.3	0.4	16.3	50.4
A300562	9.0	0.3	4	0.030	0.32	1.53	0.08	0.08	0.61	4.6	101	42.4	338	3.13	9.3	16.8	15.7	93.1	7.74	< 0.1	8.4	0.3	14.9	59.0
A300563	22.1	0.3	3	0.018	0.45	1.73	0.07	0.11	0.58	4.0	86	39.4	530	3.14	10.9	22.4	25.4	136	6.93	< 0.1	8.2	0.2	10.1	41.5
A300564	5.2	0.2	4	0.024	0.26	0.99	0.08	0.04	0.52	2.7	89	35.3	160	2.51	4.8	12.2	11.8	28.5	5.14	< 0.1	3.3	0.2	9.6	45.3
A300565	7.7	0.3	4	0.035	0.38	1.47	0.06	0.03	1.21	2.4	78	32.3	424	1.98	7.8	14.9	31.2	34.4	5.72	< 0.1	1.6	0.4	9.6	80.2
A300566	7.6	0.3	5	0.035	0.41	1.66	0.07	0.04	0.76	2.7	68	32.6	221	1.79	5.7	16.5	25.7	37.8	6.84	< 0.1	1.2	0.3	10.4	67.4
A300567	6.9	0.3	4	0.033	0.41	1.32	0.05	0.02	0.80	3.0	77	34.0	303	1.90	7.0	16.6	23.5	30.8	5.19	< 0.1	1.4	< 0.1	6.9	60.0
A300568	7.0	0.3	5	0.037	0.43	1.28	0.06	0.03	1.00	3.9	83	34.3	322	2.09	7.0	16.9	18.9	29.1	5.10	< 0.1	2.4	0.4	6.6	70.1
A300569	5.7	0.2	5	0.033	0.32	1.28	0.06	0.02	0.67	2.5	57	26.5	162	1.36	4.7	12.3	17.1	23.7	5.43	< 0.1	1.0	0.2	8.2	62.0
A300570	9.6	0.3	5	0.048	0.49	1.54	0.07	0.03	1.03	5.0	102	41.2	427	2.64	8.5	20.7	29.2	33.4	5.28	< 0.1	2.9	0.4	8.5	76.6
A300571	13.2	0.3	5	0.039	0.39	1.70	0.07	0.05	1.08	4.3	96	40.7	447	2.68	8.6	20.0	18.5	43.7	5.82	< 0.1	2.4	0.3	8.8	73.7
A300572	8.3	0.2	4	0.022	0.29	1.32	0.06	0.06	0.57	3.0	85	34.2	188	2.46	5.2	13.5	12.6	30.2	5.60	< 0.1	2.6	0.2	9.9	49.5
A300573	6.6	0.3	6	0.029	0.33	1.46	0.05	0.03	0.63	3.5	77	31.0	185	2.29	6.3	15.8	18.8	31.4	4.89	< 0.1	2.1	0.2	7.0	53.6
A300574	6.6	0.2	4	0.029	0.36	1.37	0.06	0.03	0.94	3.0	54	26.8	180	1.43	5.6	13.6	25.1	24.6	4.84	< 0.1	0.6	0.3	7.2	66.4
A300575	7.8	0.3	4	0.033	0.42	1.38	0.06	0.04	1.15	3.1	71	30.0	396	1.83	8.7	17.2	31.6	32.9	5.55	< 0.1	1.2	0.1	8.8	67.2
A300576	6.0	0.2	3	0.033	0.28	1.05	0.05	< 0.02	0.47	2.2	77	33.0	150	2.14	4.7	10.0	13.2	28.0	5.52	< 0.1	0.7	< 0.1	5.4	48.2
A300577	18.2	0.3	4	0.039	0.64	1.86	0.11	0.07	0.81	5.0	121	43.9	405	3.44	15.8	20.5	25.1	82.9	8.40	< 0.1	3.4	0.2	12.9	70.0
A300578	11.9	0.2	5	0.039	0.27	1.28	0.08	0.04	0.62	3.1	90	37.4	376	2.49	7.1	17.7	15.5	34.8	5.53	< 0.1	3.1	0.2	10.1	54.3
A300579	11.6	0.2	5	0.036	0.46	1.64	0.08	0.04	0.66	3.9	130	49.4	219	3.89	8.5	18.9	20.7	33.1	7.10	< 0.1	6.2	0.2	7.8	54.9
A300580	17.4	0.3	5	0.046	0.58	1.99	0.10	0.05	0.80	5.1	109	42.9	322	3.18	11.0	20.9	21.3	60.5	9.24	< 0.1	1.8	0.2	15.0	61.5
A300581	15.0	0.3	4	0.035	0.39	1.99	0.07	0.06	0.53	4.0	115	45.6	248	3.42	9.4	19.5	20.0	60.5	8.05	< 0.1	3.3	0.2	11.7	46.5
A300582	7.5	0.2	4	0.033	0.29	1.26	0.06	0.04	0.62	3.5	78	31.2	155	1.87	4.7	12.2	9.43	25.8	5.93	< 0.1	2.7	0.1	9.8	58.1
A300583	9.8	0.3	5	0.031	0.28	1.52	0.06	0.04	0.69	3.6	121	46.6	194	3.52	7.1	18.0	14.0	29.2	6.33	< 0.1	3.9	0.2	8.7	56.2
A300584	9.2	0.3	4	0.028	0.23	1.51	0.05	0.04	0.65	3.3	122	44.6	168	3.37	5.9	13.3	7.46	36.8	6.92	< 0.1	2.9	0.2	8.4	54.0
A300585	9.1	0.3	4	0.029	0.29	1.60	0.05	0.04	0.51	3.5	129	48.7	194	3.51	7.2	17.7	14.1	26.8	6.82	< 0.1	3.9	0.2	7.5	49.0
A300586	22.5	0.4	5	0.043	0.52	2.27	0.09	0.08	0.59	4.9	130	53.7	235	4.20	9.8	22.8	26.3	57.6	10.3	< 0.1	3.0	0.4	14.4	46.4
A300587	11.6	0.3	4	0.038	0.40	1.94	0.07	0.04	0.62	4.2	95	44.3	219	2.95	9.5	21.2	19.4	31.4	5.70	< 0.1	4.2	0.3	9.0	55.8
A300588	14.2	0.3	5	0.034	0.54	2.03	0.06	0.04	0.72	4.3	101	41.5	251	2.57	8.0	19.7	19.6	39.8	8.49	< 0.1	2.8	0.2	11.4	54.7
A300589	9.0	0.3	4	0.033	0.42	1.35	0.06	0.06	1.28	3.5	71	33.1	345	1.83	7.4	19.5	48.6	25.2	5.04	< 0.1	1.5	0.3	12.5	81.9
A300590	14.3	0.3	5	0.035	0.43	1.77	0.06	0.05	0.88	4.2	94	37.9	213	2.56	7.3	16.3	23.3	46.2	8.43	< 0.1	3.3	0.3	11.4	62.3
A300591	6.3	0.2	4	0.046	0.40	1.01	0.05	< 0.02	1.01	3.6	91	38.3	312	2.30	6.1	15.0	16.9	24.0	4.15	< 0.1	1.8	0.2	6.1	67.0
A300592	4.5	0.4	4	0.037	0.28	1.18	0.06	< 0.02	1.86	1.3	69	27.7	1940	1.88	16.3	13.3	36.6	29.1	3.21	< 0.1	0.1	0.6	5.1	89.2
A300593	7.9	0.2	4	0.037	0.45	1.50	0.07	< 0.02	0.87	3.4	77	34.6	301	2.07	6.8	18.5	22.2	28.9	5.35	< 0.1	1.5	0.2	8.1	64.9
A300594	7.0	0.3	5	0.037	0.43	1.32	0.06	0.03	0.88	3.6	79	36.4	309	2.03	6.6	18.1	27.6	27.5	4.95	< 0.1	2.6	0.2	7.6	63.5
A300595	7.1	0.2	5	0.046	0.41	1.23	0.05	< 0.02	0.97	3.0	75	31.3	263	1.87	6.2	14.9	25.1	25.7	4.56	< 0.1	1.5	0.2	6.1	64.0
A300596	1.0	0.7	4	0.026	0.28	1.17	0.02	0.02	3.84	1.4	34	21.4	5690	2.11	9.7	21.6	92.5	5.3	0.65	< 0.1	1.7	0.8	1.5	169
A300597	19.3	0.2	4	0.033	0.55	1.53	0.07	0.04	0.75	4.3	121	46.4	287	3.27	10.5	19.3	19.8	100	8.06	< 0.1	2.4	0.2	19.2	55.0
A300598	17.5	0.4	4	0.030	0.52	2.24	0.07	0.08	0.54	5.0	149	49.1	270	4.34	8.5	22.0	26.5	86.6	10.4	< 0.1	7.3	0.1	14.9	45.2
A300599	4.9	0.6	3	0.032	0.28	1.36	0.04	< 0.02	3.08	1.4	57	26.9	997	1.28	8.7	22.7	137	21.2	3.79	< 0.1	0.9	1.1	8.4	122
A300600	1.2	0.5	4	0.024	0.14	0.87	0.02	0.03	3.89	0.6	32	19.7	896	1.04	11.4	12.3	58.4	9.2	1.07	< 0.1	< 0.1	0.7	2.2	145
A300601	6.2	0.3	4	0.033	0.34	1.25	0.05	0.02	1.47	2.3	70	31.3	434	1.86	7.3	18.8	45.5	25.0	4.34	< 0.1	1.3	0.5	8.6	80.9
A300602	7.6	0.3	5	0.039	0.46	1.52	0.07	< 0.02	1.00	4.2	89	41.0	285	2.37	7.5	21.5	33.7	31.1	5.61	< 0.1	2.8	0.3	8.0	72.0
A300603	19.5	0.4	4	0.044	0.54	3.06	0.08	< 0.02	0.56	5.6	137	47.9	222	4.24	11.1	17.9	18.6	48.0	9.82	< 0.1	2.1	0.2	15.7	52.7
A300604	8.5	0.3	3	0.025	0.30	1.63	0.05	0.04	0.46	3.4	92	36.7	155	2.78	5.4	13.0	16.5	32.1	5.61	< 0.1	7.8	< 0.1	9.5	41.0

Analyte Symbol	Li	Be	B	Na	Mg	Al	K	Bi	Ca	Sc	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Rb	Sr
Unit Symbol	ppm	ppm	ppm	%	%	%	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.1	0.1	1	0.001	0.01	0.01	0.01	0.02	0.01	0.1	1	0.5	1	0.01	0.1	0.1	0.01	0.1	0.02	0.1	0.1	0.1	0.1	0.5
Analysis Method	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
A300605	12.1	0.4	4	0.030	0.45	1.53	0.07	0.06	1.01	3.7	83	37.7	631	2.71	9.6	20.9	46.4	67.8	5.71	< 0.1	12.1	0.4	10.6	72.3
A300606	7.1	0.3	4	0.031	0.37	1.34	0.06	0.05	0.60	3.3	100	40.8	252	3.23	8.2	19.8	22.2	41.0	5.06	< 0.1	17.6	0.4	8.8	49.7
A300607	10.6	0.2	3	0.021	0.36	1.22	0.06	0.03	0.37	2.9	78	33.1	236	2.79	5.7	12.7	15.0	53.0	5.24	< 0.1	11.0	0.2	9.3	32.6
A300608	5.4	0.2	3	0.027	0.29	1.61	0.05	0.06	0.41	4.0	101	37.7	147	2.35	3.7	9.8	12.5	30.5	9.00	< 0.1	4.5	0.3	7.5	45.1
A300609	8.9	0.3	4	0.032	0.34	1.85	0.06	0.04	0.62	3.8	163	54.4	276	3.82	7.2	16.0	16.0	27.5	8.32	< 0.1	4.3	0.2	8.7	52.2
A300610	19.9	0.3	4	0.036	0.58	2.48	0.09	0.05	0.63	4.9	118	45.9	265	4.16	10.5	22.8	29.2	62.5	8.81	< 0.1	3.7	0.3	11.9	56.6
A300611	18.8	0.4	4	0.032	0.47	2.65	0.07	0.04	0.50	4.6	103	49.3	234	3.84	11.3	26.0	25.2	133	7.57	< 0.1	3.3	0.2	8.6	44.7
A300612	14.3	0.4	4	0.041	0.63	2.36	0.09	0.04	0.70	4.5	120	57.6	257	3.86	9.8	29.6	38.4	45.5	7.97	< 0.1	4.2	0.4	10.9	54.5
A300613	7.1	0.3	4	0.044	0.53	1.74	0.06	< 0.02	0.73	3.9	101	55.2	240	2.91	9.3	25.8	39.5	26.5	4.99	< 0.1	2.9	0.2	5.9	58.4
A300614	19.7	0.2	3	0.046	0.43	1.34	0.07	0.03	1.01	4.4	86	40.4	372	2.13	7.8	19.8	63.5	39.9	4.32	< 0.1	1.9	0.5	11.4	57.4
A300615	10.0	0.3	5	0.047	0.47	1.38	0.08	0.02	1.46	4.9	95	43.1	466	2.51	8.8	23.9	75.1	32.4	4.73	< 0.1	3.9	0.5	11.2	81.2
A300616	11.3	0.4	5	0.043	0.52	1.93	0.11	0.04	1.31	7.2	98	51.4	836	3.04	11.0	31.8	50.1	42.2	6.13	< 0.1	3.8	0.6	10.6	84.6
A300617	7.8	0.3	5	0.043	0.44	1.29	0.07	0.02	1.05	4.1	77	33.3	419	2.12	7.9	21.3	25.8	34.4	4.50	< 0.1	2.5	0.2	7.7	68.6
A300618	10.4	0.3	5	0.035	0.63	1.36	0.08	0.05	0.86	4.9	80	55.9	386	2.55	9.4	33.2	28.4	43.4	4.79	< 0.1	4.1	0.2	10.3	68.6
A300619	22.3	0.3	3	0.040	0.61	2.21	0.08	0.04	0.63	4.2	85	44.6	775	2.83	12.6	27.8	38.4	113	7.64	< 0.1	1.1	< 0.1	16.1	46.7
A300620	17.2	0.1	2	0.052	1.03	1.70	0.24	0.05	1.01	3.8	128	69.0	252	3.62	10.1	16.2	28.9	33.3	10.1	< 0.1	< 0.1	0.3	14.0	44.6
A300621	17.4	0.4	4	0.046	0.50	2.34	0.08	0.04	0.63	4.5	107	48.2	305	3.71	13.3	23.5	30.5	109	8.84	< 0.1	2.1	0.2	10.4	43.1
A300622	27.3	1.1	3	0.051	0.93	5.03	0.17	0.09	0.77	4.5	101	70.1	360	4.56	19.5	62.7	45.2	85.7	13.1	< 0.1	2.3	0.3	23.6	91.1
A300623	15.8	0.3	3	0.038	0.44	1.98	0.06	0.03	0.70	4.3	120	42.6	214	3.60	10.0	19.2	22.6	39.7	8.01	< 0.1	2.2	0.2	7.2	50.1
A300624	12.4	0.4	4	0.040	0.45	2.10	0.05	0.02	0.86	4.4	116	53.4	237	3.48	9.0	25.4	20.5	36.4	6.28	< 0.1	3.5	0.4	6.7	61.9
A300625	11.3	0.2	4	0.031	0.27	1.27	0.04	0.04	0.66	3.4	155	46.5	195	4.11	5.9	13.8	13.2	35.4	7.90	< 0.1	4.6	0.2	7.3	50.7
A300626	7.3	0.2	4	0.045	0.35	1.11	0.06	0.05	1.47	3.9	87	40.8	329	2.54	7.2	18.0	38.4	28.7	3.88	< 0.1	3.1	0.6	6.8	70.7
A300627	10.8	0.4	4	0.040	0.48	1.46	0.09	0.03	1.59	4.1	89	45.2	835	2.72	9.1	25.0	67.3	40.5	4.49	< 0.1	3.4	0.9	10.5	72.3
A300628	11.4	0.2	5	0.050	0.57	1.62	0.09	0.04	1.36	5.1	117	59.2	633	3.55	11.7	24.9	31.1	46.3	5.60	< 0.1	3.5	0.6	10.3	75.6
A300629	36.1	0.3	4	0.052	0.75	1.90	0.25	0.05	1.34	5.5	135	45.4	469	3.99	12.1	24.3	31.2	61.7	6.59	< 0.1	9.0	0.6	15.7	80.9
A300630	7.9	0.3	4	0.024	0.28	1.53	0.06	0.06	0.50	3.4	95	37.4	289	2.80	5.8	14.1	17.2	44.4	6.85	< 0.1	2.8	0.2	12.4	41.2
A300631	8.4	0.3	4	0.025	0.21	1.38	0.05	0.04	0.54	3.1	93	37.8	179	2.64	4.6	10.6	11.2	39.7	5.59	< 0.1	2.2	0.2	8.1	43.2
A300632	13.6	0.3	5	0.041	0.41	2.30	0.05	0.04	0.74	4.7	135	47.1	223	3.70	8.5	20.9	18.8	31.5	6.33	< 0.1	4.8	0.3	5.7	55.1
A300633	12.3	0.3	4	0.046	0.54	1.85	0.06	0.02	0.96	4.7	94	47.5	287	2.81	9.3	31.2	35.0	36.2	5.37	< 0.1	2.9	0.3	6.6	61.1
A300634	12.7	0.2	4	0.040	0.44	1.51	0.06	0.03	0.79	3.6	87	38.6	318	2.35	8.4	17.5	23.7	37.9	6.06	< 0.1	1.4	0.2	11.0	63.7
A300635	8.6	0.2	4	0.043	0.39	1.55	0.05	0.04	0.64	4.0	102	42.3	187	2.61	6.2	17.6	15.3	36.0	7.77	< 0.1	1.4	0.3	7.6	49.6
A300636	13.3	0.2	4	0.034	0.51	1.74	0.09	0.03	0.70	4.2	108	50.0	210	3.37	8.7	23.7	29.6	42.9	6.90	< 0.1	3.0	0.2	12.1	56.6
A300637	16.1	0.4	6	0.042	0.53	1.70	0.09	0.02	1.00	5.3	96	43.0	388	2.70	9.4	21.6	43.4	40.5	5.18	< 0.1	3.5	0.2	13.5	67.1
A300638	8.0	0.2	4	0.041	0.44	1.23	0.07	0.02	0.96	4.5	78	39.7	314	2.27	6.8	20.6	26.1	31.4	4.12	< 0.1	3.2	0.2	6.8	62.3
A300639	5.5	0.1	4	0.029	0.26	1.05	0.05	0.03	0.61	3.0	111	42.1	179	2.94	5.1	15.0	12.5	32.5	5.22	< 0.1	2.7	0.1	5.8	50.8
A300640	9.0	0.3	5	0.036	0.39	1.43	0.07	0.02	1.31	3.6	64	33.5	325	1.83	5.9	23.2	39.6	35.2	4.05	< 0.1	1.9	0.4	8.8	74.4
A300641	7.9	0.4	4	0.041	0.45	1.83	0.07	< 0.02	0.75	4.1	104	49.7	245	3.18	9.5	26.8	33.6	31.2	5.16	< 0.1	3.2	0.2	7.0	59.9
A300642	5.4	0.1	4	0.034	0.29	1.06	0.05	< 0.02	0.69	3.1	66	26.1	179	1.62	4.5	10.2	11.0	25.0	4.70	< 0.1	0.4	< 0.1	10.0	63.2
A300643	11.2	0.2	3	0.062	1.09	2.58	0.33	0.02	0.81	5.7	129	43.6	447	4.23	15.7	25.0	72.7	96.8	11.5	< 0.1	0.3	0.2	39.0	117
A300644	9.2	0.3	4	0.035	0.31	1.51	0.06	0.03	0.71	3.7	99	40.7	230	2.95	8.4	17.2	14.3	37.3	5.85	< 0.1	2.2	0.2	10.7	57.9
A300645	13.4	0.3	5	0.036	0.39	1.83	0.07	0.05	1.25	4.9	104	43.8	279	2.98	10.4	23.0	35.6	37.6	5.84	< 0.1	2.9	0.3	7.9	61.2
A300646	47.5	0.6	5	0.070	0.81	2.57	0.12	0.04	1.41	9.9	132	51.7	2130	4.22	21.8	50.0	173	70.3	7.95	< 0.1	7.7	0.6	16.8	79.4
A300647	25.1	0.6	3	0.044	0.73	4.00	0.08	0.03	0.52	6.5	144	59.8	308	5.10	14.3	29.2	38.7	91.6	9.59	< 0.1	4.6	0.3	9.6	56.8
A300651	9.6	0.3	5	0.052	0.54	1.35	0.07	< 0.02	1.05	4.1	101	53.8	376	2.85	9.1	26.8	28.7	32.2	4.57	< 0.1	3.4	0.3	6.3	71.2
A300652	4.8	0.2	4	0.030	0.26	1.21	0.05	0.03	0.51	2.5	100	48.0	191	2.59	4.0	12.8	18.8	29.9	6.42	< 0.1	1.9	< 0.1	12.2	45.9
A300653	11.0	0.4	4	0.033	0.40	2.62	0.06	0.03	0.52	4.9	102	47.6	211	3.43	7.6	22.5	28.3	39.5	6.25	< 0.1	4.8	0.3	8.7	43.7
A300654	21.9	0.4	2	0.081	1.64	3.44	0.14	< 0.02	0.82	6.5	143	76.0	395	4.89	21.1	49.9	157	65.9	9.78	< 0.1	< 0.1	0.2	9.9	46.0
A300655	21.8	0.5	4	0.034	0.62	2.59	0.08	0.06	0.59	5.5	155	72.4	255	5.64	10.5	27.8	38.8	85.9	9.04	< 0.1	4.6	0.4	14.4	38.1
A300656	7.1	0.2	4	0.029	0.29	1.39	0.04	0.06	0.83	3.3	79	36.2	144	1.89	4.9	15.5	19.6	19.2	6.36	< 0.1	1.3	0.2	6.9	57.1
A300657	16.2	0.3	5	0.045	0.57	2.16	0.06	0.04	0.75	5.1	118	52.1	234	3.58	9.1	19.9	19.3	43.5	7.25	< 0.1	3.0	< 0.1	11.8	55.0
A300658	15.7	0.4	9	0.055	0.72	2.39	0.06	0.03	0.89	6.6	145	72.0	265	4.43	10.8	25.1	30.6	37.8	8.94	< 0.1	5.3	0.4	7.9	55.5
A300659	21.7	0.3	6	0.060	0.78	2.34	0.08	0.04	1.21	6.4	102	63.0	372	3.10	13.1	43.5	79.5	39.8	6.34	< 0.1	2.9	0.2	10.3	80.0

Analyte Symbol	Li	Be	B	Na	Mg	Al	K	Bi	Ca	Sc	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Rb	Sr
Unit Symbol	ppm	ppm	ppm	%	%	%	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.1	0.1	1	0.001	0.01	0.01	0.01	0.02	0.01	0.1	1	0.5	1	0.01	0.1	0.1	0.01	0.1	0.02	0.1	0.1	0.1	0.1	0.5
Analysis Method	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
A300660	14.9	0.3	5	0.050	0.68	1.87	0.07	0.05	1.09	5.1	82	48.6	334	2.62	11.2	39.3	102	42.4	5.49	< 0.1	8.3	0.3	9.6	70.9
A300661	13.7	0.2	4	0.047	0.73	1.76	0.07	0.05	1.14	4.5	93	44.1	446	2.77	12.3	23.4	40.4	36.8	6.35	< 0.1	1.6	0.1	9.4	52.5
A300662	13.7	0.3	4	0.033	0.53	1.86	0.08	0.05	0.98	4.5	95	39.2	405	2.76	10.4	20.9	44.0	41.3	6.34	< 0.1	3.1	0.3	9.9	60.8
A300663	20.4	0.3	4	0.050	0.73	2.26	0.10	0.03	1.06	4.6	106	47.9	406	3.27	12.9	25.1	50.4	43.2	7.44	< 0.1	0.8	0.2	13.0	62.9
A300664	12.0	0.3	5	0.034	0.50	1.61	0.07	0.04	0.83	3.9	82	43.8	294	2.38	8.8	21.1	24.8	46.8	5.54	< 0.1	1.5	0.2	11.7	56.2
A300665	21.1	0.4	4	0.043	0.47	1.88	0.07	0.04	1.01	4.5	133	39.2	337	2.55	8.5	19.9	51.3	33.5	5.55	< 0.1	2.3	0.2	9.7	71.8
A300666	20.6	0.2	3	0.034	1.08	2.29	0.19	< 0.02	0.79	2.5	87	149	249	3.80	13.5	49.3	123	63.3	8.42	< 0.1	0.2	0.3	26.4	107
A300667	16.8	0.4	5	0.035	0.55	2.12	0.08	0.04	0.62	3.7	104	66.9	215	3.55	8.9	28.1	47.0	58.7	8.17	< 0.1	3.0	0.3	16.5	49.8
A300668	17.1	0.3	5	0.039	0.41	2.02	0.08	0.07	1.03	3.7	88	41.2	857	2.47	11.1	23.2	48.1	59.7	6.39	< 0.1	1.3	0.2	14.5	57.0
A300669	4.8	0.2	3	0.028	0.24	1.07	0.06	0.03	0.70	2.5	78	29.8	146	1.84	3.7	9.4	11.8	24.9	6.05	< 0.1	1.1	< 0.1	10.6	54.0
A300670	17.1	0.4	4	0.036	0.47	2.12	0.07	0.03	0.83	4.7	143	51.5	284	4.77	10.2	19.8	28.1	76.5	8.75	< 0.1	4.7	0.3	9.2	55.9
A300671	21.8	0.4	4	0.037	0.57	2.76	0.07	0.04	0.56	4.6	124	48.2	380	4.41	11.4	23.4	33.7	105	8.96	< 0.1	4.9	< 0.1	11.2	39.2
A300672	6.9	0.3	5	0.041	0.44	1.28	0.06	0.02	1.03	4.2	85	43.0	288	2.22	6.7	20.9	37.2	27.5	4.40	< 0.1	2.6	0.3	6.7	68.5
A300673	12.3	0.5	5	0.035	0.44	2.44	0.07	0.04	0.63	4.9	129	51.6	224	4.25	9.5	24.7	24.7	48.1	7.44	< 0.1	5.6	0.3	10.1	49.3
A300674	9.5	0.3	4	0.034	0.40	1.87	0.06	< 0.02	0.71	4.0	116	45.5	221	3.43	10.8	23.8	23.7	33.1	5.47	< 0.1	3.2	0.2	7.0	51.9
A300675	11.7	0.3	4	0.043	0.61	1.82	0.13	0.02	0.75	4.7	110	49.9	257	3.29	11.7	31.1	43.4	52.8	5.72	< 0.1	5.3	0.1	12.0	91.8
A300676	22.0	0.5	4	0.043	0.88	3.41	0.12	0.04	0.70	7.8	169	70.1	294	4.38	15.7	47.0	62.5	182	9.71	< 0.1	14.1	0.9	13.2	83.0
A300677	28.8	0.4	4	0.087	1.12	2.98	0.12	0.03	1.39	7.3	155	56.1	415	4.46	19.8	36.0	75.1	96.7	9.59	< 0.1	5.5	0.4	9.1	107
A300678	22.2	0.5	4	0.032	0.62	3.06	0.07	0.06	0.59	5.6	144	59.0	290	5.12	11.7	26.4	31.9	114	9.28	< 0.1	4.6	0.3	10.3	53.2
A300679	21.4	0.4	8	0.036	0.53	2.56	0.07	0.05	0.56	4.9	109	45.5	263	3.89	11.4	22.3	22.5	95.7	9.28	< 0.1	3.1	0.2	13.2	51.4
A300680	10.1	0.3	5	0.032	0.34	1.93	0.05	0.05	0.62	4.3	106	47.6	187	3.04	8.4	19.8	18.2	42.3	6.33	< 0.1	4.1	0.4	8.9	56.6
A300681	9.7	0.2	4	0.034	0.55	1.70	0.07	0.03	0.81	4.2	113	50.6	284	3.30	9.6	27.9	34.7	39.2	4.72	< 0.1	4.8	0.2	6.2	82.8
A300682	8.2	0.3	4	0.030	0.27	2.03	0.05	0.04	0.47	4.5	96	48.9	160	2.80	5.7	14.8	11.3	40.8	6.76	< 0.1	3.7	0.3	8.8	51.1
A300683	7.3	0.3	4	0.027	0.26	1.48	0.04	0.02	0.53	3.4	98	43.1	164	2.72	5.4	14.7	11.4	28.4	4.99	< 0.1	3.5	0.2	5.4	43.9
A300684	11.5	0.4	4	0.035	0.36	1.52	0.08	0.04	1.35	5.5	83	36.6	406	2.19	8.4	26.9	114	26.9	4.84	< 0.1	1.6	0.5	9.8	79.4
A300685	5.2	1.0	4	0.027	0.30	1.28	0.05	0.05	3.58	2.1	95	25.6	1080	1.85	9.8	24.2	260	20.5	3.11	0.1	3.6	1.8	6.5	161
A300686	9.4	0.2	3	0.048	0.73	1.54	0.09	0.05	1.13	4.4	100	34.2	278	2.33	8.6	16.1	17.8	41.5	7.90	< 0.1	0.6	0.1	14.2	67.8
A300687	7.8	0.3	3	0.030	0.32	1.01	0.04	0.03	0.95	2.8	80	34.7	259	1.85	6.2	13.5	42.4	25.4	4.14	< 0.1	1.7	0.2	6.3	68.5
A300688	15.8	0.3	3	0.038	0.50	1.82	0.07	0.07	1.00	4.3	161	40.2	293	3.40	8.3	15.9	20.5	37.0	12.7	< 0.1	3.6	0.3	10.3	76.7
A300689	17.0	0.2	4	0.039	0.47	1.46	0.07	0.05	0.94	4.3	88	41.6	826	2.61	7.5	19.7	17.5	32.1	6.20	< 0.1	2.7	< 0.1	9.3	64.7
A300690	14.1	0.3	3	0.027	0.46	2.10	0.05	0.10	0.42	4.1	161	41.3	245	4.35	8.1	17.5	21.1	74.5	12.7	< 0.1	4.3	0.4	7.9	30.7
A300691	6.3	0.2	4	0.029	0.42	1.02	0.05	0.04	0.86	3.5	84	36.9	329	2.01	7.2	15.2	31.9	25.2	4.33	< 0.1	2.4	0.4	7.3	52.5
A300692	11.0	0.2	3	0.031	0.44	1.32	0.06	0.06	0.65	3.1	71	33.2	200	1.72	7.3	18.0	22.0	37.9	5.55	< 0.1	1.4	0.2	9.4	44.9
A300693	23.0	0.5	4	0.032	0.58	3.42	0.11	0.05	0.62	5.6	154	60.3	231	5.41	14.3	28.9	65.0	109	8.61	< 0.1	6.1	0.4	10.4	57.7
A300694	23.9	0.5	3	0.035	0.67	3.05	0.08	0.08	0.55	5.3	128	63.2	248	4.28	12.6	30.6	40.1	158	8.42	< 0.1	6.2	0.6	11.4	48.8
A300695	7.0	0.2	3	0.024	0.30	1.13	0.04	0.04	0.58	3.1	98	38.5	141	2.32	5.3	15.7	11.1	24.8	4.15	< 0.1	3.2	0.2	5.2	44.0
A300696	9.9	0.3	4	0.026	0.34	1.75	0.04	0.05	0.50	3.3	85	40.2	162	2.43	7.6	21.0	21.4	31.8	4.91	< 0.1	3.0	0.2	6.7	37.2
A300697	8.7	0.3	3	0.027	0.37	1.53	0.04	0.03	0.64	3.6	99	50.6	216	2.99	9.2	25.3	17.3	41.5	4.65	< 0.1	4.7	0.3	6.4	46.0
A300698	7.9	0.3	3	0.030	0.40	1.52	0.04	0.03	0.65	3.1	67	33.4	193	1.74	6.3	18.7	27.1	32.4	4.56	< 0.1	2.0	0.3	5.9	44.9
A300699	0.7	0.3	8	0.021	0.21	0.86	0.03	0.12	4.91	0.9	14	12.0	352	0.69	2.9	16.1	73.8	18.9	0.27	0.3	1.2	1.3	1.2	201
A300700	5.5	0.8	5	0.021	0.32	1.82	0.07	0.09	4.09	1.5	55	33.5	914	2.00	6.9	34.9	205	39.9	3.01	< 0.1	3.1	1.5	6.9	178
A300701	9.5	0.2	3	0.025	0.20	1.35	0.03	0.07	0.54	2.2	64	24.6	92	1.40	3.6	9.7	11.7	16.1	6.39	< 0.1	1.2	0.3	2.8	42.6
A300702	25.1	0.4	4	0.026	0.51	2.26	0.07	0.08	0.57	3.9	132	44.8	238	4.50	9.7	21.9	25.0	75.8	9.80	< 0.1	6.3	0.2	13.0	36.3
A300703	14.0	0.3	5	0.028	0.55	2.19	0.05	0.06	0.58	4.7	87	41.8	248	2.90	9.7	27.1	31.0	64.1	6.46	< 0.1	4.7	0.4	9.8	45.9
A300704	8.2	0.2	4	0.025	0.37	1.36	0.04	0.03	0.57	3.1	71	33.0	171	1.84	6.5	20.6	19.2	28.8	4.42	< 0.1	2.6	0.1	7.1	42.3
A300705	10.5	0.2	3	0.025	0.48	1.66	0.05	0.07	0.59	3.0	77	36.9	226	2.14	8.0	22.4	23.8	49.0	6.24	< 0.1	1.8	< 0.1	12.6	44.7
A300706	9.2	0.2	2	0.027	0.36	1.32	0.05	0.05	0.65	3.5	67	31.8	188	1.61	5.5	17.2	16.0	42.3	5.34	< 0.1	1.6	0.2	9.9	53.6
A300707	21.2	0.6	4	0.027	0.48	2.63	0.07	0.10	0.51	4.4	114	51.1	537	4.25	14.8	27.9	25.0	144	7.29	< 0.1	7.4	0.4	14.8	40.2
A300708	8.0	0.2	3	0.024	0.26	1.29	0.04	0.03	0.43	2.8	104	43.2	143	2.73	5.7	16.3	13.1	25.9	4.53	< 0.1	3.7	0.2	6.0	39.0
A300709	8.9	0.2	3	0.034	0.41	1.33	0.04	0.05	0.78	3.2	85	35.5	218	2.12	8.0	18.5	29.2	27.2	5.02	< 0.1	2.2	0.2	6.4	52.3
A300710	7.5	0.2	5	0.031	0.40	1.10	0.04	0.02	0.71	3.2	70	36.0	205	1.71	7.0	20.5	20.0	25.2	3.80	< 0.1	1.7	< 0.1	4.7	47.5
A300711	14.4	0.5	3	0.024	0.38	2.33	0.05	0.07	0.51	4.3	172	62.4	230	5.34	8.6	21.3	32.5	54.8	8.96	< 0.1	8.8	0.2	8.9	36.4

Analyte Symbol	Li	Be	B	Na	Mg	Al	K	Bi	Ca	Sc	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Rb	Sr
Unit Symbol	ppm	ppm	ppm	%	%	%	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.1	0.1	1	0.001	0.01	0.01	0.01	0.02	0.01	0.1	1	0.5	1	0.01	0.1	0.1	0.01	0.1	0.02	0.1	0.1	0.1	0.1	0.5
Analysis Method	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
A300712	8.8	0.3	3	0.018	0.34	1.35	0.04	0.04	0.51	3.1	105	42.2	187	3.12	8.4	22.9	21.0	53.7	4.08	< 0.1	7.5	0.1	5.3	32.5
A300713	13.7	0.3	3	0.022	0.49	1.53	0.08	0.09	0.40	3.6	90	37.7	267	3.76	8.7	20.0	27.0	95.1	6.34	< 0.1	28.6	0.4	14.4	33.5
A300714	13.6	0.4	4	0.024	0.63	1.74	0.11	0.07	0.63	4.4	91	48.9	474	3.49	11.1	25.7	36.6	99.7	5.65	< 0.1	18.8	0.5	12.6	54.8
A300715	13.4	0.4	3	0.026	0.70	1.91	0.10	0.10	0.78	3.6	102	56.6	484	3.53	12.0	27.2	38.1	94.1	7.13	< 0.1	17.7	0.3	15.2	54.3
A300716	14.9	0.3	4	0.036	0.57	1.28	0.11	0.11	1.40	4.4	69	39.4	382	2.71	12.8	27.5	29.7	134	4.14	< 0.1	14.8	1.4	12.0	67.6
A300717	10.3	0.3	3	0.022	0.29	1.71	0.05	0.03	0.50	3.2	104	40.5	171	3.07	6.2	15.7	17.6	40.2	5.50	< 0.1	5.4	0.1	7.6	36.6
A300718	11.3	0.3	3	0.026	0.35	1.65	0.04	0.03	0.53	3.5	119	48.4	239	3.69	9.1	19.8	20.3	54.3	5.73	< 0.1	7.4	0.2	9.2	38.8

Analyte Symbol	Y	Zr	Nb	Mo	Ag	Cd	In	Sn	Sb	Te	Cs	Ba	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.01	0.1	0.1	0.01	0.002	0.01	0.02	0.05	0.02	0.02	0.02	0.5	0.5	0.01	0.1	0.02	0.1	0.1	0.1	0.1	0.001	0.1	0.1	0.1
Analysis Method	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
A300501	4.30	0.9	0.9	0.94	0.110	0.18	0.03	1.02	0.37	0.05	1.26	94.6	7.4	14.8	1.7	6.30	1.2	0.3	1.1	0.2	0.816	0.2	0.4	< 0.1
A300502	6.11	0.6	0.5	1.82	0.234	0.43	0.03	0.29	0.19	0.05	0.81	157	8.0	16.2	1.9	7.30	1.4	0.4	1.4	0.2	1.10	0.2	0.6	< 0.1
A300503	9.89	0.8	0.5	1.63	0.198	0.36	0.03	0.16	0.18	0.02	1.10	71.5	9.1	17.2	2.4	9.23	2.0	0.5	2.0	0.3	1.70	0.3	0.9	0.1
A300504	4.47	0.7	0.6	0.87	0.119	0.15	0.02	0.69	0.17	0.08	1.36	129	8.7	16.8	2.0	7.18	1.3	0.3	1.2	0.2	0.841	0.2	0.4	< 0.1
A300505	5.78	1.1	0.8	0.92	0.041	0.25	0.03	0.35	0.29	0.02	0.89	108	9.3	21.6	2.3	8.28	1.6	0.4	1.5	0.2	1.14	0.2	0.6	< 0.1
A300506	8.31	1.0	0.6	0.81	0.126	0.15	0.02	0.47	0.03	< 0.02	0.85	87.9	10.1	19.3	2.4	9.06	1.8	0.5	1.8	0.3	1.44	0.3	0.8	0.1
A300507	11.4	0.6	0.6	0.76	0.383	0.69	0.02	0.30	< 0.02	0.03	1.10	86.2	11.7	20.6	2.9	11.1	2.3	0.6	2.4	0.3	1.92	0.4	1.0	0.1
A300508	5.57	1.0	0.9	0.72	0.160	0.20	0.02	0.53	0.04	0.04	1.02	86.3	9.7	18.6	2.2	7.97	1.5	0.4	1.4	0.2	1.03	0.2	0.5	< 0.1
A300509	17.6	0.6	0.7	1.12	0.461	0.64	0.02	0.16	0.14	< 0.02	1.12	133	16.6	27.4	4.2	16.3	3.5	0.9	3.6	0.5	2.81	0.6	1.5	0.2
A300510	4.87	1.0	1.2	1.49	0.097	0.20	0.02	0.44	< 0.02	< 0.02	1.49	81.4	10.1	19.7	2.3	8.52	1.6	0.4	1.4	0.2	0.926	0.2	0.5	< 0.1
A300511	4.79	0.9	0.9	0.58	0.101	0.19	< 0.02	1.06	< 0.02	< 0.02	0.92	81.2	9.2	18.2	2.2	8.02	1.5	0.4	1.3	0.2	0.887	0.2	0.5	< 0.1
A300512	4.64	0.5	0.4	0.73	0.109	0.20	< 0.02	0.24	< 0.02	< 0.02	1.28	63.8	7.4	14.6	1.7	6.23	1.2	0.3	1.2	0.2	0.873	0.2	0.4	< 0.1
A300513	3.56	0.8	0.9	1.26	0.167	0.19	0.02	0.36	< 0.02	0.04	0.92	120	7.8	15.2	1.8	6.37	1.2	0.3	1.0	0.1	0.684	0.1	0.3	< 0.1
A300514	4.48	0.7	1.0	0.86	0.219	0.60	0.02	0.40	0.13	0.03	2.01	118	7.9	16.0	1.8	6.68	1.3	0.3	1.1	0.2	0.812	0.2	0.4	< 0.1
A300515	6.91	0.5	0.5	1.40	0.210	0.29	0.02	0.43	< 0.02	0.03	2.07	76.0	11.3	22.2	2.6	9.73	1.9	0.5	1.7	0.2	1.24	0.2	0.6	< 0.1
A300516	5.71	0.8	1.0	1.06	0.200	0.26	0.03	0.38	0.26	< 0.02	1.37	69.5	10.2	20.0	2.5	8.99	1.7	0.4	1.6	0.2	1.14	0.2	0.6	< 0.1
A300517	4.12	1.1	0.8	1.82	0.115	0.25	0.02	0.27	0.03	< 0.02	3.36	70.1	7.8	16.6	1.8	6.59	1.2	0.3	1.1	0.2	0.781	0.2	0.4	< 0.1
A300518	4.33	0.7	0.8	0.74	0.093	0.36	0.02	0.22	0.08	< 0.02	1.46	74.5	8.6	16.6	2.0	6.85	1.3	0.3	1.1	0.2	0.805	0.2	0.4	< 0.1
A300519	5.03	1.6	0.8	0.67	0.134	0.34	0.02	0.22	0.14	< 0.02	1.16	89.1	8.3	16.2	1.9	6.88	1.4	0.3	1.2	0.2	0.919	0.2	0.5	< 0.1
A300520	10.4	0.6	0.5	1.07	0.158	0.62	< 0.02	0.21	0.24	0.03	1.01	84.4	13.8	26.9	3.3	12.1	2.4	0.6	2.4	0.3	1.78	0.4	0.9	0.1
A300521	4.28	0.9	0.3	2.52	0.424	0.50	0.04	0.31	4.47	< 0.02	0.64	110	5.5	11.5	1.3	4.86	1.0	0.3	1.0	0.1	0.796	0.2	0.4	< 0.1
A300522	4.22	1.6	1.2	0.73	0.055	0.11	0.02	1.17	0.86	0.03	1.19	78.0	9.4	18.6	2.2	7.75	1.4	0.3	1.1	0.2	0.753	0.1	0.4	< 0.1
A300523	11.7	1.0	1.0	1.13	0.251	0.91	0.03	1.05	0.65	< 0.02	3.34	102	12.6	27.2	3.1	11.3	2.4	0.6	2.3	0.3	1.87	0.4	1.0	0.1
A300524	4.29	0.5	0.6	1.11	0.140	0.21	0.02	0.23	0.35	0.03	1.38	82.7	8.2	15.8	1.9	6.80	1.3	0.3	1.2	0.2	0.792	0.2	0.4	< 0.1
A300525	5.70	0.7	0.7	2.01	0.157	0.52	0.03	0.59	0.37	< 0.02	1.33	77.5	8.4	16.9	1.9	7.03	1.4	0.4	1.3	0.2	1.06	0.2	0.5	< 0.1
A300526	4.53	0.4	0.4	0.86	0.077	0.17	0.02	0.56	0.18	< 0.02	3.07	97.9	9.1	17.9	2.1	7.47	1.4	0.4	1.2	0.2	0.861	0.2	0.4	< 0.1
A300527	4.76	0.6	0.5	0.62	0.119	0.24	0.02	0.71	< 0.02	< 0.02	0.82	96.7	9.8	19.4	2.3	8.35	1.6	0.4	1.3	0.2	0.893	0.2	0.4	< 0.1
A300528	3.53	0.7	0.7	1.26	0.066	0.38	< 0.02	0.22	< 0.02	< 0.02	0.76	92.0	7.3	14.3	1.7	5.81	1.1	0.3	0.9	0.1	0.649	0.1	0.3	< 0.1
A300529	7.53	0.8	0.7	0.81	0.130	0.15	0.02	0.53	< 0.02	0.02	0.94	142	10.4	20.5	2.4	8.93	1.8	0.5	1.8	0.2	1.35	0.3	0.7	< 0.1
A300530	5.97	1.2	0.9	0.76	0.110	0.12	0.02	0.51	< 0.02	0.03	0.66	130	8.7	16.1	2.0	7.43	1.5	0.4	1.4	0.2	1.04	0.2	0.6	< 0.1
A300531	7.19	0.7	0.8	0.54	0.137	0.13	< 0.02	0.24	< 0.02	0.03	0.40	136	10.1	18.5	2.3	8.34	1.7	0.5	1.6	0.2	1.27	0.3	0.7	< 0.1
A300532	6.91	1.1	1.2	0.53	0.090	0.15	< 0.02	1.03	< 0.02	0.03	0.67	109	9.7	17.9	2.2	8.09	1.6	0.4	1.5	0.2	1.19	0.2	0.6	< 0.1
A300533	7.13	1.1	0.9	0.52	0.078	0.09	< 0.02	0.24	< 0.02	0.07	0.61	107	9.2	17.4	2.1	7.80	1.6	0.4	1.5	0.2	1.20	0.2	0.6	< 0.1
A300534	7.03	0.5	0.7	0.86	0.231	0.13	0.02	0.69	< 0.02	0.02	0.74	181	10.9	20.5	2.5	8.92	1.8	0.5	1.7	0.2	1.31	0.3	0.7	< 0.1
A300535	4.37	1.1	0.9	0.64	0.075	0.14	< 0.02	0.33	< 0.02	0.02	0.61	99.0	7.5	14.9	1.7	6.05	1.1	0.3	1.0	0.2	0.788	0.2	0.4	< 0.1
A300536	3.61	0.8	0.6	0.62	0.038	0.15	< 0.02	0.32	< 0.02	< 0.02	0.63	93.1	6.1	12.3	1.4	4.91	1.0	0.3	0.9	0.1	0.681	0.1	0.3	< 0.1
A300537	6.13	0.5	0.6	12.3	0.077	0.27	0.02	0.15	1.42	0.04	0.53	93.4	9.4	17.3	2.1	7.39	1.4	0.4	1.3	0.2	0.976	0.2	0.5	< 0.1
A300538	4.04	0.7	0.8	1.76	0.086	0.41	< 0.02	0.51	0.38	0.07	0.72	77.5	9.1	17.8	2.1	7.27	1.3	0.3	1.1	0.1	0.726	0.1	0.4	< 0.1
A300539	4.08	0.8	0.7	1.57	0.050	0.42	0.02	0.31	0.55	0.04	0.73	125	7.4	14.3	1.7	5.89	1.1	0.3	1.0	0.1	0.747	0.1	0.4	< 0.1
A300540	3.76	1.4	0.8	1.23	0.123	0.31	0.02	0.57	0.18	0.06	0.96	94.0	9.8	19.2	2.3	7.91	1.4	0.3	1.2	0.1	0.743	0.1	0.4	< 0.1
A300541	4.28	0.5	0.5	0.99	0.085	0.19	< 0.02	0.40	< 0.02	0.05	0.90	124	9.2	18.6	2.2	7.50	1.4	0.3	1.2	0.2	0.801	0.2	0.4	< 0.1
A300542	5.23	1.7	1.4	0.93	0.071	0.19	< 0.02	0.61	0.02	0.07	0.64	76.5	8.6	17.2	2.0	6.88	1.3	0.3	1.2	0.2	0.934	0.2	0.5	< 0.1
A300543	4.82	1.4	1.0	0.71	0.085	0.12	< 0.02	0.43	< 0.02	< 0.02	0.78	107	8.0	15.9	1.8	6.56	1.3	0.3	1.2	0.2	0.904	0.2	0.5	< 0.1
A300544	2.96	0.7	0.8	0.51	0.033	0.10	< 0.02	0.38	< 0.02	0.04	0.37	61.7	5.7	11.5	1.3	4.61	0.9	0.2	0.8	0.1	0.542	0.1	0.3	< 0.1
A300545	5.29	0.7	1.5	1.27	0.138	0.20	0.03	0.94	0.15	< 0.02	1.77	100	14.8	28.2	3.4	11.4	2.0	0.5	1.6	0.2	1.03	0.2	0.5	< 0.1
A300546	3.56	1.5	1.0	0.99	0.062	0.50	< 0.02	0.93	0.08	0.03	0.68	76.9	6.4	12.9	1.5	5.32	1.0	0.3	0.9	0.1	0.653	0.1	0.3	< 0.1
A300547	4.70	1.5	1.2	1.66	0.082	0.31	< 0.02	0.67	0.33	0.04	0.52	95.9	7.2	14.4	1.7	6.14	1.2	0.3	1.1	0.2	0.841	0.2	0.4	< 0.1
A300548	3.75	0.5	0.9	1.45	0.052	0.16	< 0.02	0.53	0.27	0.03	0.49	66.9	8.6	16.6	2.0	6.87	1.3	0.3	1.0	0.1	0.687	0.1	0.3	< 0.1
A300549	4.64	0.6	0.6	1.88	0.240	0.26	0.02	0.58	0.50	0.04	0.94	79.4	9.1	17.5	2.0	7.14	1.4	0.3	1.2	0.2	0.883	0.2	0.4	< 0.1
A300550	6.03	0.8	0.4	2.86	0.117	0.58	0.03	0.29	1.34	0.06	1.16	94.6	8.1	14.9	1.9	6.66	1.3	0.4	1.3	0.2	1.04	0.2	0.6	< 0.1
A300551	4.08	0.5	0.5	1.08	0.095	0.17	0.02	0.30	0.61	< 0.02	0.79	92.3	7.6	14.8	1.7	6.05	1.2	0.3	1.0	0.1	0.749	0.1	0.4	< 0.1
A300552	4.16	0.3	0.6	1.87	0.199	0.19	< 0.02	0.30	1.02	0.05	0.86	85.6	8.9	17.2	2.0	7.13	1.3	0.3	1.1	0.2	0.756	0.1	0.4	< 0.1

Analyte Symbol	Y	Zr	Nb	Mo	Ag	Cd	In	Sn	Sb	Te	Cs	Ba	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.01	0.1	0.1	0.01	0.002	0.01	0.02	0.05	0.02	0.02	0.02	0.5	0.5	0.01	0.1	0.02	0.1	0.1	0.1	0.1	0.001	0.1	0.1	0.1
Analysis Method	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
A300553	3.14	0.3	0.7	1.05	0.138	0.24	< 0.02	0.32	0.13	0.05	0.31	85.3	9.6	18.7	2.2	7.42	1.3	0.3	1.1	0.1	0.590	0.1	0.3	< 0.1
A300554	4.78	0.7	0.7	1.31	0.128	0.23	0.02	0.24	0.33	0.05	0.78	85.2	8.4	16.5	1.9	6.69	1.3	0.3	1.2	0.2	0.836	0.2	0.4	< 0.1
A300555	4.40	0.6	0.4	0.94	0.062	0.15	0.02	0.17	0.07	< 0.02	0.88	98.3	6.5	12.8	1.5	5.46	1.1	0.3	1.0	0.2	0.805	0.2	0.4	< 0.1
A300556	3.90	0.6	1.0	0.96	0.056	0.18	0.03	0.28	< 0.02	< 0.02	1.43	99.8	10.2	20.1	2.3	8.35	1.5	0.3	1.3	0.2	0.788	0.1	0.3	< 0.1
A300557	3.43	0.5	0.6	0.74	0.089	0.17	< 0.02	0.17	< 0.02	0.03	0.61	77.8	7.6	15.3	1.8	6.19	1.2	0.3	0.9	0.1	0.658	0.1	0.3	< 0.1
A300558	6.56	0.8	0.7	1.68	0.285	0.34	0.02	0.25	0.21	< 0.02	0.74	124	9.6	18.3	2.3	8.09	1.6	0.4	1.5	0.2	1.14	0.2	0.6	< 0.1
A300559	4.46	0.6	0.5	1.87	0.087	0.36	< 0.02	0.17	0.82	< 0.02	0.61	87.0	8.0	17.1	1.9	6.58	1.2	0.3	1.1	0.2	0.793	0.2	0.4	< 0.1
A300560	4.84	0.5	0.7	4.14	0.184	0.27	0.03	0.18	1.32	< 0.02	1.18	148	7.5	15.3	1.8	6.48	1.2	0.3	1.2	0.2	0.904	0.2	0.4	< 0.1
A300561	4.80	1.0	0.6	1.44	0.124	0.87	0.02	0.29	0.39	0.04	0.94	97.0	10.1	19.5	2.3	8.11	1.5	0.4	1.2	0.2	0.851	0.2	0.4	< 0.1
A300562	5.30	1.2	0.7	0.81	0.103	0.92	< 0.02	0.74	0.25	0.06	0.86	82.6	9.2	18.2	2.2	7.63	1.5	0.4	1.3	0.2	0.956	0.2	0.5	< 0.1
A300563	4.28	1.1	1.2	1.85	0.120	0.45	0.02	0.50	0.34	0.04	0.80	112	6.5	13.4	1.6	5.56	1.1	0.3	1.0	0.2	0.820	0.2	0.4	< 0.1
A300564	3.25	0.7	0.6	0.62	0.062	0.13	< 0.02	0.16	< 0.02	0.03	0.43	63.2	5.1	10.2	1.1	3.98	0.8	0.2	0.7	0.1	0.553	0.1	0.3	< 0.1
A300565	5.91	0.4	0.4	0.86	0.174	0.12	< 0.02	0.28	< 0.02	< 0.02	0.62	127	8.1	14.8	1.9	6.84	1.4	0.4	1.4	0.2	1.01	0.2	0.5	< 0.1
A300566	5.46	0.5	0.6	0.80	0.238	0.09	< 0.02	0.46	< 0.02	< 0.02	0.56	117	8.4	16.3	1.9	6.80	1.3	0.4	1.2	0.2	0.882	0.2	0.5	< 0.1
A300567	6.18	0.4	0.3	0.52	0.079	0.10	< 0.02	0.07	< 0.02	< 0.02	0.62	96.7	8.4	16.2	1.9	7.07	1.4	0.4	1.4	0.2	1.04	0.2	0.6	< 0.1
A300568	7.07	1.0	0.8	0.51	0.068	0.08	< 0.02	0.55	< 0.02	< 0.02	0.61	92.8	10.2	19.6	2.4	8.56	1.7	0.4	1.6	0.2	1.25	0.3	0.7	< 0.1
A300569	5.39	0.6	0.6	0.42	0.133	0.06	< 0.02	0.19	< 0.02	0.04	0.47	95.2	7.4	14.6	1.7	6.12	1.2	0.3	1.1	0.2	0.893	0.2	0.5	< 0.1
A300570	9.58	1.0	0.7	0.52	0.059	0.08	< 0.02	0.38	< 0.02	< 0.02	0.70	133	10.5	20.2	2.5	9.35	2.0	0.5	2.0	0.3	1.56	0.3	0.8	0.1
A300571	5.90	1.7	1.0	0.68	0.094	0.16	< 0.02	0.45	< 0.02	< 0.02	0.58	121	8.0	17.2	2.0	6.97	1.4	0.4	1.3	0.2	1.01	0.2	0.6	< 0.1
A300572	4.31	1.5	1.1	0.43	0.089	0.11	< 0.02	0.56	< 0.02	0.04	0.56	88.1	7.2	14.4	1.7	5.98	1.2	0.3	1.1	0.1	0.779	0.2	0.4	< 0.1
A300573	7.21	1.2	1.1	0.55	0.087	0.09	< 0.02	0.30	< 0.02	< 0.02	0.55	110	9.6	18.6	2.3	8.09	1.7	0.4	1.6	0.2	1.28	0.3	0.7	< 0.1
A300574	6.60	0.7	1.0	0.37	0.126	0.09	< 0.02	0.27	< 0.02	< 0.02	0.59	113	8.1	15.4	1.9	6.91	1.4	0.4	1.4	0.2	1.11	0.2	0.6	< 0.1
A300575	5.63	0.6	0.7	0.53	0.076	0.16	< 0.02	0.21	< 0.02	< 0.02	0.77	114	7.5	14.8	1.8	6.54	1.3	0.4	1.3	0.2	0.989	0.2	0.5	< 0.1
A300576	3.37	0.7	0.7	0.31	0.066	0.09	< 0.02	0.24	< 0.02	< 0.02	0.56	101	4.7	9.71	1.1	3.90	0.8	0.2	0.7	0.1	0.575	0.1	0.3	< 0.1
A300577	5.23	1.3	0.7	0.59	0.115	0.29	< 0.02	0.30	< 0.02	0.04	1.36	115	7.0	14.3	1.7	6.34	1.3	0.3	1.2	0.2	0.941	0.2	0.5	< 0.1
A300578	4.40	0.8	0.8	0.63	0.076	0.12	< 0.02	0.22	< 0.02	< 0.02	0.52	105	8.1	15.8	1.9	6.41	1.3	0.3	1.1	0.2	0.791	0.2	0.4	< 0.1
A300579	4.12	1.9	0.8	1.50	0.018	0.09	0.02	0.28	< 0.02	0.03	0.75	102	6.4	12.4	1.4	4.96	1.0	0.3	0.9	0.1	0.712	0.1	0.4	< 0.1
A300580	5.74	1.8	0.6	0.66	0.088	0.15	< 0.02	0.28	< 0.02	0.03	0.87	123	7.7	15.3	1.8	6.59	1.4	0.4	1.3	0.2	1.01	0.2	0.5	< 0.1
A300581	4.39	1.6	0.6	0.79	0.153	0.16	0.02	0.65	< 0.02	< 0.02	0.87	97.4	8.9	17.8	2.1	7.54	1.5	0.3	1.2	0.2	0.857	0.2	0.4	< 0.1
A300582	4.71	1.1	0.8	0.63	0.054	0.05	< 0.02	0.45	< 0.02	< 0.02	0.56	81.2	8.2	16.2	1.9	6.83	1.3	0.3	1.2	0.2	0.865	0.2	0.4	< 0.1
A300583	4.93	1.1	0.7	0.56	0.041	0.10	< 0.02	0.34	< 0.02	< 0.02	0.56	76.5	8.2	16.0	1.9	6.35	1.2	0.3	1.1	0.2	0.859	0.2	0.4	< 0.1
A300584	4.36	1.7	1.0	0.65	0.031	0.10	< 0.02	0.28	< 0.02	0.02	0.59	76.6	8.1	15.5	1.8	6.23	1.2	0.3	1.0	0.1	0.750	0.1	0.4	< 0.1
A300585	4.01	2.2	0.4	0.55	0.054	0.04	< 0.02	1.36	< 0.02	< 0.02	0.64	67.1	7.1	14.2	1.6	5.48	1.0	0.3	0.9	0.1	0.741	0.1	0.4	< 0.1
A300586	5.24	2.5	1.2	0.94	0.144	0.14	0.02	0.80	< 0.02	< 0.02	1.14	106	10.0	20.2	2.5	8.38	1.6	0.4	1.3	0.2	0.973	0.2	0.5	< 0.1
A300587	5.11	1.7	1.0	0.61	0.030	0.11	0.02	0.19	< 0.02	< 0.02	0.65	107	9.0	17.5	2.1	7.42	1.5	0.4	1.2	0.2	0.946	0.2	0.5	< 0.1
A300588	5.38	0.7	0.6	1.05	0.057	0.12	< 0.02	0.93	< 0.02	< 0.02	1.13	118	7.9	15.3	1.8	6.29	1.3	0.3	1.1	0.2	0.897	0.2	0.5	< 0.1
A300589	6.03	0.6	1.0	1.56	0.082	0.28	< 0.02	0.30	< 0.02	0.02	0.94	135	8.1	15.2	1.9	6.72	1.3	0.4	1.3	0.2	1.04	0.2	0.6	< 0.1
A300590	5.95	1.4	1.2	1.71	0.059	0.13	0.02	0.57	< 0.02	0.02	1.03	119	9.6	18.4	2.3	8.26	1.6	0.4	1.3	0.2	1.02	0.2	0.5	< 0.1
A300591	6.99	0.7	0.6	0.80	0.043	0.08	< 0.02	0.47	< 0.02	< 0.02	0.48	74.4	8.6	16.3	2.0	7.39	1.5	0.4	1.4	0.2	1.17	0.2	0.6	< 0.1
A300592	9.10	0.2	0.3	1.65	0.211	0.44	< 0.02	0.12	< 0.02	< 0.02	0.47	140	8.6	16.8	2.1	7.61	1.6	0.4	1.6	0.2	1.37	0.3	0.7	0.1
A300593	6.26	0.4	0.5	0.49	0.116	0.07	< 0.02	0.37	< 0.02	0.04	0.66	107	8.6	16.2	2.0	6.99	1.4	0.3	1.3	0.2	1.04	0.2	0.5	< 0.1
A300594	7.09	0.7	0.6	0.50	0.079	0.09	< 0.02	0.70	< 0.02	< 0.02	0.68	99.6	9.3	18.0	2.2	7.99	1.6	0.4	1.5	0.2	1.18	0.2	0.6	< 0.1
A300595	6.69	0.6	0.4	0.58	0.068	0.08	< 0.02	0.14	< 0.02	< 0.02	0.55	98.5	8.6	16.2	2.0	7.24	1.4	0.4	1.4	0.2	1.11	0.2	0.6	< 0.1
A300596	23.9	0.6	< 0.1	3.45	0.275	0.13	< 0.02	0.16	< 0.02	< 0.02	0.32	246	14.3	15.4	3.7	14.1	3.2	0.9	3.4	0.5	3.05	0.7	1.7	0.2
A300597	4.84	2.6	0.6	0.69	0.069	0.20	< 0.02	1.46	< 0.02	< 0.02	1.12	104	8.3	16.6	2.0	6.93	1.3	0.3	1.1	0.2	0.831	0.2	0.4	< 0.1
A300598	4.76	1.8	1.0	0.95	0.080	0.24	0.02	0.51	0.04	< 0.02	1.23	112	8.1	15.9	1.9	6.64	1.3	0.3	1.1	0.2	0.843	0.2	0.4	< 0.1
A300599	15.6	0.1	< 0.1	2.84	0.243	0.56	< 0.02	< 0.05	< 0.02	< 0.02	0.80	158	12.8	16.5	3.1	11.9	2.5	0.6	2.7	0.4	2.28	0.5	1.2	0.2
A300600	14.4	0.4	0.2	2.69	0.302	0.23	< 0.02	0.23	< 0.02	< 0.02	0.36	166	11.7	17.5	2.8	10.8	2.3	0.6	2.5	0.4	1.99	0.4	1.1	0.1
A300601	8.34	0.3	0.3	0.68	0.172	0.21	< 0.02	0.08	< 0.02	< 0.02	0.64	117	9.2	17.3	2.3	8.34	1.7	0.5	1.7	0.2	1.39	0.3	0.8	0.1
A300602	8.08	0.5	0.4	0.44	0.057	0.08	< 0.02	0.11	< 0.02	< 0.02	0.69	114	9.9	18.3	2.3	8.36	1.7	0.4	1.6	0.2	1.32	0.3	0.7	< 0.1
A300603	4.49	1.3	0.5	0.57	0.182	0.12	0.02	0.22	< 0.02	< 0.02	1.19	168	5.8	11.3	1.3	4.80	1.0	0.3	0.9	0.1	0.821	0.2	0.4	< 0.1
A300604	4.04	1.3	0.6	0.65	0.081	0.13	< 0.02	0.26	< 0.02	< 0.02	0.60	89.2	7.5	14.6	1.7	5.95	1.2	0.3	1.0	0.1	0.748	0.1	0.4	< 0.1

Analyte Symbol	Y	Zr	Nb	Mo	Ag	Cd	In	Sn	Sb	Te	Cs	Ba	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.01	0.1	0.1	0.01	0.002	0.01	0.02	0.05	0.02	0.02	0.02	0.5	0.5	0.01	0.1	0.02	0.1	0.1	0.1	0.1	0.001	0.1	0.1	0.1
Analysis Method	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
A300605	7.16	0.7	0.7	1.53	0.236	0.68	0.02	0.34	0.08	< 0.02	0.80	131	10.0	18.8	2.4	8.74	1.7	0.5	1.6	0.2	1.23	0.2	0.6	< 0.1
A300606	4.65	0.9	0.6	1.07	0.402	0.15	< 0.02	0.17	0.37	< 0.02	0.59	71.5	7.6	15.1	1.8	6.31	1.2	0.3	1.1	0.2	0.865	0.2	0.5	< 0.1
A300607	3.47	0.6	0.5	0.92	0.102	0.19	< 0.02	0.08	< 0.02	< 0.02	0.69	76.5	7.4	14.4	1.7	5.99	1.1	0.3	0.9	0.1	0.652	0.1	0.3	< 0.1
A300608	4.53	1.7	1.2	0.77	0.169	0.15	< 0.02	0.46	< 0.02	0.04	0.56	88.5	10.1	19.6	2.4	8.14	1.5	0.3	1.2	0.2	0.832	0.2	0.4	< 0.1
A300609	4.06	1.5	0.6	1.21	0.034	0.12	0.02	0.21	< 0.02	< 0.02	0.57	74.0	6.0	11.9	1.4	4.82	1.0	0.3	0.9	0.1	0.736	0.2	0.4	< 0.1
A300610	5.10	1.3	0.8	0.76	0.108	0.18	0.02	0.20	< 0.02	< 0.02	1.03	138	8.1	16.1	2.0	6.88	1.4	0.3	1.2	0.2	0.930	0.2	0.5	< 0.1
A300611	4.80	0.9	0.7	0.65	0.053	0.13	0.02	0.13	< 0.02	< 0.02	0.85	119	9.8	19.5	2.4	8.37	1.6	0.4	1.3	0.2	0.965	0.2	0.5	< 0.1
A300612	5.61	1.8	0.9	1.01	0.065	0.10	0.02	0.23	< 0.02	< 0.02	1.23	102	8.8	17.3	2.1	7.22	1.4	0.3	1.2	0.2	1.01	0.2	0.5	< 0.1
A300613	5.52	0.6	0.5	0.38	0.043	0.07	< 0.02	0.12	< 0.02	< 0.02	0.73	107	7.6	15.9	1.7	6.15	1.2	0.3	1.1	0.2	0.968	0.2	0.5	< 0.1
A300614	6.28	0.6	0.6	1.09	0.138	0.10	< 0.02	0.10	< 0.02	< 0.02	0.84	85.4	9.2	17.7	2.1	7.70	1.5	0.4	1.4	0.2	1.06	0.2	0.6	< 0.1
A300615	10.7	0.5	0.3	1.59	0.127	0.21	< 0.02	< 0.05	< 0.02	< 0.02	0.89	112	9.6	17.1	2.4	8.67	1.8	0.5	1.8	0.3	1.61	0.3	0.9	0.1
A300616	13.6	0.6	0.4	1.23	0.178	0.21	0.02	0.07	< 0.02	< 0.02	1.01	170	13.5	24.6	3.4	12.4	2.6	0.6	2.5	0.4	2.15	0.5	1.2	0.2
A300617	7.58	0.6	0.5	0.74	0.060	0.13	< 0.02	0.10	< 0.02	< 0.02	0.58	121	9.4	18.1	2.2	7.98	1.6	0.4	1.5	0.2	1.27	0.3	0.7	< 0.1
A300618	8.65	0.8	0.7	0.84	0.027	0.11	< 0.02	0.21	< 0.02	< 0.02	0.76	152	14.3	27.5	3.4	12.0	2.3	0.5	2.0	0.3	1.54	0.3	0.8	0.1
A300619	5.57	0.5	0.3	0.68	0.195	0.15	< 0.02	0.24	< 0.02	< 0.02	1.25	120	10.6	21.1	2.6	9.05	1.7	0.4	1.5	0.2	1.06	0.2	0.5	< 0.1
A300620	8.87	1.6	1.0	1.75	0.079	0.05	< 0.02	0.26	< 0.02	< 0.02	1.95	134	5.7	12.4	1.6	6.25	1.4	0.5	1.5	0.2	1.53	0.3	0.8	0.1
A300621	6.18	2.7	0.6	0.69	0.065	0.21	0.02	0.12	< 0.02	< 0.02	1.27	91.9	7.7	15.6	1.9	7.08	1.5	0.4	1.4	0.2	1.19	0.2	0.6	< 0.1
A300622	7.23	3.6	2.9	1.50	0.423	0.29	0.03	0.36	< 0.02	< 0.02	2.65	142	10.0	20.5	2.5	8.64	1.8	0.5	1.6	0.2	1.35	0.3	0.7	< 0.1
A300623	5.03	1.8	0.8	0.49	0.021	0.08	0.02	0.20	< 0.02	< 0.02	0.71	94.8	7.3	14.5	1.7	6.21	1.2	0.3	1.1	0.2	0.931	0.2	0.5	< 0.1
A300624	6.86	1.8	0.9	1.02	0.064	0.12	0.02	0.19	< 0.02	0.03	0.79	111	9.3	18.4	2.2	7.87	1.6	0.4	1.4	0.2	1.18	0.2	0.6	< 0.1
A300625	4.39	3.2	1.1	1.67	0.022	0.10	0.02	0.31	< 0.02	< 0.02	0.59	86.3	6.4	14.7	1.5	5.47	1.1	0.3	1.0	0.1	0.802	0.2	0.4	< 0.1
A300626	6.88	0.9	0.6	1.19	0.053	0.20	< 0.02	0.08	< 0.02	< 0.02	0.59	93.0	9.9	19.9	2.4	8.55	1.7	0.4	1.5	0.2	1.22	0.2	0.7	< 0.1
A300627	13.9	0.7	0.5	2.33	0.193	0.29	< 0.02	< 0.05	< 0.02	< 0.02	0.71	134	13.4	21.6	3.2	11.9	2.5	0.6	2.4	0.3	2.04	0.4	1.1	0.2
A300628	8.13	1.3	0.8	1.84	0.085	0.14	< 0.02	0.21	< 0.02	< 0.02	0.75	119	9.9	19.3	2.4	8.70	1.8	0.4	1.6	0.2	1.37	0.3	0.7	0.1
A300629	11.2	1.8	1.3	0.75	0.138	0.25	< 0.02	0.33	< 0.02	< 0.02	1.72	125	11.4	23.7	2.9	10.8	2.3	0.6	2.2	0.3	1.99	0.4	1.1	0.2
A300630	3.61	0.9	0.9	0.79	0.139	0.19	< 0.02	0.31	< 0.02	< 0.02	0.80	105	7.8	15.6	1.8	6.26	1.2	0.3	0.9	0.1	0.732	0.1	0.4	< 0.1
A300631	4.42	1.0	0.9	0.58	0.065	0.23	< 0.02	0.21	< 0.02	< 0.02	0.61	86.0	8.9	17.6	2.1	7.12	1.3	0.3	1.1	0.2	0.874	0.2	0.5	< 0.1
A300632	6.38	5.6	1.3	2.15	0.042	0.11	0.02	0.28	< 0.02	< 0.02	0.77	96.1	8.7	17.3	2.1	7.56	1.5	0.4	1.4	0.2	1.23	0.2	0.7	< 0.1
A300633	8.06	1.2	0.3	0.67	0.103	0.10	0.02	0.06	< 0.02	< 0.02	0.72	120	10.5	21.5	2.7	9.66	1.9	0.5	1.8	0.3	1.52	0.3	0.8	0.1
A300634	4.91	1.3	0.7	1.36	0.119	0.11	< 0.02	0.25	< 0.02	< 0.02	0.82	98.5	8.4	17.1	2.0	7.16	1.4	0.3	1.2	0.2	0.949	0.2	0.5	< 0.1
A300635	4.91	1.7	0.6	0.50	0.061	0.16	< 0.02	0.31	< 0.02	< 0.02	0.72	80.6	6.8	13.5	1.6	5.66	1.2	0.3	1.0	0.1	0.888	0.2	0.5	< 0.1
A300636	5.02	1.9	0.9	0.50	0.075	0.09	< 0.02	0.19	< 0.02	< 0.02	1.02	86.8	7.5	14.8	1.8	6.26	1.3	0.3	1.1	0.2	0.927	0.2	0.5	< 0.1
A300637	7.51	1.5	0.7	0.60	0.182	0.10	< 0.02	0.24	< 0.02	< 0.02	0.96	78.0	10.0	17.8	2.4	8.35	1.7	0.4	1.5	0.2	1.31	0.3	0.7	< 0.1
A300638	8.22	0.9	0.5	0.79	0.050	0.10	< 0.02	0.11	< 0.02	< 0.02	0.79	90.7	12.3	24.1	3.0	10.9	2.1	0.5	1.9	0.3	1.52	0.3	0.8	0.1
A300639	4.44	1.7	0.8	0.67	0.022	0.18	< 0.02	0.19	< 0.02	< 0.02	0.38	85.4	8.3	16.5	1.9	6.47	1.2	0.3	1.0	0.1	0.819	0.2	0.4	< 0.1
A300640	10.2	0.4	0.3	0.94	0.156	0.17	< 0.02	< 0.05	< 0.02	< 0.02	0.68	143	10.1	17.0	2.5	8.96	1.9	0.5	1.8	0.3	1.61	0.3	0.9	0.1
A300641	6.00	0.8	0.7	0.55	0.058	0.10	< 0.02	0.14	< 0.02	< 0.02	0.59	107	7.5	15.0	1.8	6.18	1.3	0.3	1.1	0.2	1.02	0.2	0.5	< 0.1
A300642	5.26	1.8	0.9	0.29	0.113	0.07	< 0.02	0.28	< 0.02	< 0.02	0.38	53.6	6.4	12.8	1.6	5.67	1.1	0.3	1.1	0.2	0.872	0.2	0.5	< 0.1
A300643	6.93	1.4	1.0	0.68	0.106	0.61	< 0.02	0.15	< 0.02	< 0.02	1.31	130	5.2	11.0	1.4	5.21	1.2	0.3	1.2	0.2	1.23	0.2	0.6	< 0.1
A300644	5.09	1.3	1.0	0.52	0.045	0.10	< 0.02	0.32	< 0.02	< 0.02	0.60	93.3	8.9	16.9	2.0	6.76	1.3	0.3	1.1	0.2	0.911	0.2	0.5	< 0.1
A300645	9.32	2.2	1.6	0.66	0.162	0.16	< 0.02	0.35	< 0.02	< 0.02	0.64	95.9	11.2	25.3	2.8	10.1	2.1	0.5	2.0	0.3	1.67	0.3	0.9	0.1
A300646	17.1	1.1	0.5	2.11	0.295	0.54	0.03	0.10	< 0.02	< 0.02	1.13	138	12.4	29.5	3.3	12.9	2.9	0.8	3.0	0.5	2.81	0.6	1.6	0.2
A300647	5.07	1.5	0.7	0.78	0.094	0.14	0.03	0.21	< 0.02	< 0.02	1.22	141	7.0	14.1	1.7	6.08	1.3	0.3	1.1	0.2	1.00	0.2	0.5	< 0.1
A300651	7.72	0.5	0.5	2.57	0.040	0.09	< 0.02	0.14	< 0.02	< 0.02	0.61	103	8.7	19.4	2.1	7.64	1.6	0.4	1.5	0.2	1.32	0.3	0.7	0.1
A300652	3.66	0.4	0.6	1.61	0.029	0.15	< 0.02	0.19	< 0.02	< 0.02	1.19	88.5	7.7	15.6	1.8	6.26	1.2	0.3	0.9	0.1	0.710	0.1	0.4	< 0.1
A300653	5.51	1.0	0.7	0.92	0.042	0.11	0.02	0.20	< 0.02	< 0.02	1.02	101	8.9	17.4	2.1	7.38	1.5	0.4	1.3	0.2	1.08	0.2	0.5	< 0.1
A300654	4.69	1.0	0.2	0.35	0.132	0.12	0.02	0.10	< 0.02	< 0.02	2.31	149	5.8	11.2	1.3	4.72	1.0	0.3	1.0	0.2	0.890	0.2	0.5	< 0.1
A300655	5.24	0.8	0.5	0.63	0.228	0.19	0.03	0.18	< 0.02	< 0.02	1.59	111	10.5	20.3	2.4	8.55	1.6	0.4	1.4	0.2	1.04	0.2	0.5	< 0.1
A300656	5.76	1.6	1.6	0.99	0.089	0.11	< 0.02	0.40	< 0.02	< 0.02	0.66	84.4	8.5	16.8	2.1	7.37	1.5	0.4	1.3	0.2	1.06	0.2	0.5	< 0.1
A300657	4.59	1.1	0.7	0.63	0.038	0.11	0.02	0.19	< 0.02	< 0.02	1.14	102	7.9	15.7	1.8	6.49	1.3	0.3	1.1	0.2	0.880	0.2	0.4	< 0.1
A300658	6.85	1.6	0.7	0.84	0.183	0.13	0.02	0.23	< 0.02	< 0.02	1.02	97.4	6.3	13.0	1.6	5.92	1.3	0.4	1.3	0.2	1.20	0.2	0.6	< 0.1
A300659	10.4	1.3	0.8	0.56	0.152	0.09	< 0.02	0.18	< 0.02	< 0.02	1.33	191	10.1	20.5	2.5	9.49	2.0	0.5	2.0	0.3	1.70	0.4	0.9	0.1

Analyte Symbol	Y	Zr	Nb	Mo	Ag	Cd	In	Sn	Sb	Te	Cs	Ba	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.01	0.1	0.1	0.01	0.002	0.01	0.02	0.05	0.02	0.02	0.02	0.5	0.5	0.01	0.1	0.02	0.1	0.1	0.1	0.1	0.001	0.1	0.1	0.1
Analysis Method	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
A300660	7.86	0.8	0.8	0.63	0.198	0.06	< 0.02	0.20	< 0.02	< 0.02	1.70	85.4	11.8	21.9	2.8	9.69	1.9	0.5	1.7	0.2	1.34	0.3	0.7	0.1
A300661	6.92	1.6	1.5	0.60	0.146	0.15	< 0.02	0.34	< 0.02	< 0.02	0.68	108	7.0	13.0	1.7	6.53	1.4	0.4	1.3	0.2	1.16	0.2	0.6	< 0.1
A300662	6.66	0.8	1.0	0.70	0.141	0.10	< 0.02	0.31	< 0.02	< 0.02	0.94	106	9.5	18.1	2.3	8.22	1.6	0.4	1.5	0.2	1.22	0.2	0.6	< 0.1
A300663	6.56	1.8	1.0	0.48	0.085	0.21	< 0.02	0.30	< 0.02	< 0.02	0.92	124	7.7	15.3	1.9	6.71	1.4	0.4	1.3	0.2	1.15	0.2	0.6	< 0.1
A300664	5.79	1.4	1.0	0.55	0.089	0.07	< 0.02	0.49	< 0.02	< 0.02	0.94	97.1	11.7	22.5	2.8	9.46	1.8	0.4	1.5	0.2	1.08	0.2	0.5	< 0.1
A300665	8.30	0.7	0.8	0.49	0.156	0.08	< 0.02	0.20	< 0.02	< 0.02	0.89	115	10.3	21.3	2.5	9.00	1.9	0.5	1.7	0.3	1.45	0.3	0.8	0.1
A300666	3.67	0.2	0.5	0.43	0.063	0.08	< 0.02	0.11	< 0.02	< 0.02	2.88	147	5.4	10.5	1.2	4.25	0.8	0.2	0.8	0.1	0.622	0.1	0.3	< 0.1
A300667	5.03	1.7	1.9	0.57	0.091	0.14	< 0.02	0.33	< 0.02	< 0.02	1.36	78.6	9.4	18.1	2.2	7.47	1.4	0.3	1.2	0.2	0.932	0.2	0.5	< 0.1
A300668	7.35	0.9	1.3	0.81	0.250	0.17	< 0.02	0.36	< 0.02	< 0.02	1.32	146	11.1	19.8	2.7	9.65	2.0	0.5	1.7	0.2	1.30	0.3	0.7	< 0.1
A300669	4.71	0.9	0.8	0.54	0.102	0.09	< 0.02	0.25	< 0.02	< 0.02	0.56	67.5	7.5	14.2	1.7	5.91	1.2	0.3	1.0	0.1	0.818	0.2	0.4	< 0.1
A300670	5.30	1.2	0.8	0.73	0.078	0.22	0.02	0.13	< 0.02	< 0.02	1.00	209	7.7	15.4	1.9	6.51	1.3	0.3	1.2	0.2	0.977	0.2	0.5	< 0.1
A300671	4.72	1.1	0.6	0.84	0.087	0.18	0.02	0.14	< 0.02	< 0.02	1.25	136	8.0	15.8	1.9	6.63	1.3	0.3	1.1	0.2	0.873	0.2	0.4	< 0.1
A300672	8.44	0.6	0.6	0.76	0.063	0.07	< 0.02	0.09	< 0.02	< 0.02	0.63	102	11.7	21.5	2.8	10.0	2.0	0.5	1.8	0.3	1.52	0.3	0.8	0.1
A300673	5.66	1.1	0.8	0.95	0.044	0.09	0.02	0.20	< 0.02	< 0.02	0.83	118	7.8	15.1	1.8	6.36	1.3	0.3	1.2	0.2	1.00	0.2	0.5	< 0.1
A300674	4.34	1.1	0.6	0.44	0.030	0.09	< 0.02	0.16	< 0.02	< 0.02	0.57	136	6.2	12.1	1.4	4.96	1.0	0.3	0.9	0.1	0.786	0.2	0.4	< 0.1
A300675	6.01	0.7	0.5	0.61	0.109	0.18	< 0.02	0.12	< 0.02	< 0.02	0.97	139	7.3	15.0	1.8	6.64	1.3	0.3	1.3	0.2	1.08	0.2	0.6	< 0.1
A300676	7.08	1.7	0.8	2.27	0.177	0.62	0.03	0.23	0.30	0.03	1.28	214	8.3	15.2	2.0	6.93	1.4	0.4	1.3	0.2	1.21	0.3	0.7	< 0.1
A300677	10.2	2.8	0.5	0.70	0.124	0.14	0.02	0.31	< 0.02	0.03	1.21	150	7.4	13.3	1.9	7.30	1.6	0.5	1.8	0.3	1.66	0.3	0.9	0.1
A300678	5.66	1.9	1.4	0.75	0.162	0.19	0.03	0.30	< 0.02	< 0.02	1.10	127	8.9	17.5	2.1	7.45	1.5	0.3	1.4	0.2	1.08	0.2	0.5	< 0.1
A300679	5.18	1.5	1.0	0.64	0.134	0.12	0.02	0.28	< 0.02	< 0.02	1.11	125	10.0	19.5	2.4	8.18	1.6	0.4	1.3	0.2	0.983	0.2	0.5	< 0.1
A300680	5.70	1.2	1.1	0.56	0.025	0.09	0.02	0.32	< 0.02	0.03	0.76	104	9.5	18.7	2.2	7.60	1.5	0.4	1.3	0.2	1.03	0.2	0.5	< 0.1
A300681	6.61	1.9	0.7	0.48	0.010	0.08	< 0.02	0.23	< 0.02	< 0.02	0.68	183	8.2	16.6	1.9	7.05	1.4	0.4	1.4	0.2	1.19	0.2	0.6	< 0.1
A300682	4.26	1.0	0.5	0.53	0.100	0.08	0.02	0.34	< 0.02	< 0.02	0.74	96.2	8.7	17.1	2.0	6.86	1.3	0.3	1.1	0.1	0.801	0.2	0.4	< 0.1
A300683	4.37	2.2	0.9	0.53	0.012	0.12	< 0.02	0.23	< 0.02	< 0.02	0.46	69.3	7.1	13.9	1.6	5.52	1.1	0.3	1.0	0.1	0.773	0.2	0.4	< 0.1
A300684	14.3	0.5	0.4	0.86	0.250	0.20	< 0.02	0.06	< 0.02	< 0.02	0.73	172	16.5	21.3	4.0	14.1	2.8	0.6	2.6	0.4	2.27	0.5	1.3	0.2
A300685	40.6	0.7	0.5	1.66	0.894	0.49	< 0.02	0.05	0.08	< 0.02	0.51	116	29.9	14.1	6.7	25.6	5.4	1.5	6.0	0.8	4.93	1.1	2.8	0.4
A300686	6.00	3.0	1.6	0.47	0.069	0.10	< 0.02	0.46	< 0.02	< 0.02	0.66	92.4	6.1	12.0	1.5	5.58	1.2	0.3	1.2	0.2	1.04	0.2	0.6	< 0.1
A300687	6.62	0.9	1.0	0.48	0.083	0.15	< 0.02	0.25	< 0.02	< 0.02	0.53	68.1	8.1	14.4	2.0	7.11	1.4	0.4	1.3	0.2	1.12	0.2	0.6	< 0.1
A300688	5.79	2.5	1.4	1.84	0.071	0.11	0.02	0.35	< 0.02	< 0.02	1.00	103	7.5	14.9	1.9	6.52	1.3	0.3	1.2	0.2	0.994	0.2	0.5	< 0.1
A300689	6.32	1.1	0.9	1.19	0.019	0.08	< 0.02	0.34	< 0.02	< 0.02	0.87	124	7.1	13.9	1.7	6.16	1.3	0.3	1.2	0.2	1.06	0.2	0.6	< 0.1
A300690	3.88	2.6	2.2	1.14	0.086	0.18	0.02	0.65	< 0.02	< 0.02	0.60	112	8.5	16.8	2.0	6.67	1.3	0.3	1.1	0.1	0.787	0.1	0.4	< 0.1
A300691	7.45	1.1	1.0	1.08	0.018	0.04	< 0.02	0.24	< 0.02	< 0.02	0.54	85.0	9.2	15.8	2.2	7.54	1.5	0.4	1.5	0.2	1.19	0.2	0.6	< 0.1
A300692	4.93	2.0	1.4	0.57	0.076	0.08	< 0.02	0.36	< 0.02	< 0.02	0.85	109	8.0	16.1	1.9	6.79	1.3	0.3	1.2	0.2	0.911	0.2	0.5	< 0.1
A300693	4.32	1.8	1.2	0.94	0.151	0.34	0.03	0.21	< 0.02	< 0.02	1.00	204	5.6	11.4	1.3	4.70	0.9	0.3	0.9	0.1	0.788	0.2	0.4	< 0.1
A300694	5.57	2.0	1.5	1.42	0.287	0.46	0.03	0.31	0.03	< 0.02	1.25	161	7.1	13.9	1.7	6.17	1.3	0.3	1.2	0.2	1.02	0.2	0.5	< 0.1
A300695	5.14	1.8	1.2	0.57	0.017	0.07	< 0.02	0.26	< 0.02	< 0.02	0.46	83.0	7.5	14.7	1.8	6.34	1.3	0.3	1.2	0.2	0.937	0.2	0.5	< 0.1
A300696	4.18	1.6	1.3	0.65	0.023	0.08	< 0.02	0.31	< 0.02	< 0.02	0.68	83.0	7.1	14.2	1.7	5.73	1.1	0.3	1.0	0.1	0.776	0.2	0.4	< 0.1
A300697	4.67	1.6	1.0	0.68	0.022	0.12	< 0.02	0.23	< 0.02	< 0.02	0.56	88.3	7.8	15.1	1.7	5.87	1.1	0.3	1.0	0.1	0.820	0.2	0.4	< 0.1
A300698	6.44	1.0	0.9	0.35	0.018	0.06	< 0.02	0.23	< 0.02	< 0.02	0.63	94.1	9.1	17.9	2.1	7.45	1.5	0.4	1.4	0.2	1.13	0.2	0.5	< 0.1
A300699	17.3	2.3	0.4	1.31	0.458	0.55	< 0.02	0.07	0.62	< 0.02	0.14	177	13.1	14.0	3.4	13.4	3.0	0.7	3.1	0.4	2.49	0.5	1.3	0.2
A300700	25.3	1.2	0.6	1.80	0.408	0.70	< 0.02	0.14	0.11	< 0.02	0.67	195	15.1	19.5	4.1	15.7	3.6	1.0	4.0	0.6	3.67	0.8	2.1	0.3
A300701	3.35	0.9	1.4	0.69	0.101	0.07	< 0.02	0.37	< 0.02	< 0.02	0.31	110	6.5	12.1	1.4	4.94	1.0	0.3	0.9	0.1	0.641	0.1	0.3	< 0.1
A300702	5.00	1.5	1.4	0.84	0.199	0.20	0.02	0.38	0.08	< 0.02	1.08	135	7.8	15.6	1.9	6.44	1.3	0.3	1.1	0.2	0.913	0.2	0.5	< 0.1
A300703	6.46	1.9	1.3	0.84	0.114	0.13	0.02	0.38	0.06	< 0.02	1.01	140	9.1	17.9	2.2	7.55	1.5	0.4	1.4	0.2	1.16	0.2	0.6	< 0.1
A300704	4.96	1.7	1.1	0.45	0.035	0.05	< 0.02	0.27	< 0.02	< 0.02	0.69	106	7.2	13.9	1.7	5.77	1.1	0.3	1.1	0.2	0.859	0.2	0.4	< 0.1
A300705	6.31	0.7	0.9	0.52	0.062	0.18	< 0.02	0.38	< 0.02	< 0.02	1.02	124	10.8	20.8	2.6	8.74	1.7	0.4	1.5	0.2	1.18	0.2	0.6	< 0.1
A300706	5.06	0.9	1.0	0.39	0.072	0.09	< 0.02	0.37	< 0.02	< 0.02	0.67	172	10.5	20.4	2.4	8.14	1.5	0.4	1.3	0.2	0.939	0.2	0.4	< 0.1
A300707	4.88	1.6	1.5	0.98	0.232	0.52	0.03	0.31	0.09	< 0.02	1.19	126	9.0	17.2	2.0	6.65	1.3	0.3	1.1	0.2	0.901	0.2	0.4	< 0.1
A300708	3.50	3.5	1.3	0.75	0.037	0.12	< 0.02	0.31	< 0.02	< 0.02	0.47	69.3	5.1	9.85	1.1	3.86	0.8	0.2	0.7	0.1	0.593	0.1	0.3	< 0.1
A300709	5.75	1.3	1.2	0.68	0.050	0.05	< 0.02	0.30	< 0.02	0.03	0.66	105	7.2	13.8	1.7	6.05	1.3	0.3	1.2	0.2	0.973	0.2	0.5	< 0.1
A300710	6.39	1.6	0.8	0.48	0.004	0.04	< 0.02	0.23	< 0.02	< 0.02	0.50	105	9.0	17.6	2.1	7.62	1.5	0.4	1.4	0.2	1.11	0.2	0.5	< 0.1
A300711	5.09	3.7	1.4	1.21	0.057	0.16	0.02	0.36	< 0.02	< 0.02	1.15	90.0	7.7	14.8	1.8	6.01	1.2	0.3	1.1	0.2	0.903	0.2	0.4	< 0.1

Analyte Symbol	Y	Zr	Nb	Mo	Ag	Cd	In	Sn	Sb	Te	Cs	Ba	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.01	0.1	0.1	0.01	0.002	0.01	0.02	0.05	0.02	0.02	0.02	0.5	0.5	0.01	0.1	0.02	0.1	0.1	0.1	0.1	0.001	0.1	0.1	0.1
Analysis Method	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
A300712	5.19	1.6	1.0	0.71	0.041	0.29	< 0.02	0.19	0.11	< 0.02	0.45	66.8	7.0	13.7	1.6	5.64	1.1	0.3	1.1	0.2	0.927	0.2	0.5	< 0.1
A300713	4.45	1.3	1.3	2.09	0.123	0.37	0.02	0.30	1.29	< 0.02	0.77	97.8	8.7	16.4	2.0	6.94	1.3	0.3	1.2	0.2	0.838	0.2	0.4	< 0.1
A300714	5.60	0.6	0.7	1.50	0.259	0.39	0.02	0.19	0.72	< 0.02	0.74	106	8.6	16.7	2.0	7.06	1.4	0.4	1.3	0.2	0.975	0.2	0.5	< 0.1
A300715	5.54	1.1	1.1	1.96	0.200	0.28	< 0.02	0.35	0.45	< 0.02	0.91	137	8.2	16.5	1.9	6.73	1.3	0.4	1.2	0.2	1.00	0.2	0.5	< 0.1
A300716	9.56	2.0	1.4	1.12	0.131	0.43	< 0.02	0.24	1.19	< 0.02	0.99	88.9	13.2	26.6	3.3	11.5	2.3	0.6	2.2	0.3	1.72	0.3	0.8	0.1
A300717	4.46	1.5	1.1	0.75	0.046	0.14	< 0.02	0.28	< 0.02	< 0.02	0.64	69.1	7.4	14.3	1.7	5.73	1.1	0.3	1.0	0.1	0.785	0.2	0.4	< 0.1
A300718	4.67	1.1	0.8	0.82	0.075	0.16	< 0.02	0.20	< 0.02	< 0.02	0.74	70.7	6.9	13.5	1.6	5.48	1.1	0.3	1.0	0.2	0.839	0.2	0.4	< 0.1

Analyte Symbol	Yb	Lu	Hf	Ta	W	Re	Au	Tl	Pb	Th	U
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm
Detection Limit	0.1	0.1	0.1	0.05	0.1	0.001	0.5	0.02	0.01	0.1	0.1
Analysis Method	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
A300501	0.4	< 0.1	< 0.1	< 0.05	0.2	0.001	7.3	0.06	8.17	0.5	0.4
A300502	0.5	< 0.1	< 0.1	< 0.05	0.2	< 0.001	3.3	0.04	8.13	0.3	0.4
A300503	0.8	0.1	< 0.1	< 0.05	0.2	< 0.001	3.7	0.05	6.91	0.5	1.2
A300504	0.3	< 0.1	< 0.1	< 0.05	0.2	0.001	5.6	0.07	7.37	0.6	0.4
A300505	0.5	< 0.1	< 0.1	< 0.05	0.1	< 0.001	4.7	0.06	8.88	1.0	0.5
A300506	0.7	0.1	< 0.1	< 0.05	0.1	0.001	5.4	0.07	5.54	0.9	0.8
A300507	0.9	0.1	< 0.1	< 0.05	0.2	0.001	3.0	0.04	5.45	0.3	1.1
A300508	0.4	< 0.1	< 0.1	< 0.05	0.2	0.001	2.2	0.04	4.69	1.2	0.5
A300509	1.2	0.2	< 0.1	< 0.05	< 0.1	< 0.001	5.0	0.06	9.55	0.5	1.6
A300510	0.4	< 0.1	< 0.1	< 0.05	0.1	< 0.001	0.7	0.05	8.25	0.8	0.4
A300511	0.4	< 0.1	< 0.1	< 0.05	0.1	< 0.001	< 0.5	0.05	6.82	0.6	0.4
A300512	0.4	< 0.1	< 0.1	< 0.05	0.1	< 0.001	0.5	0.04	4.60	0.8	0.4
A300513	0.3	< 0.1	< 0.1	< 0.05	0.2	< 0.001	14.4	0.04	6.81	0.9	0.4
A300514	0.4	< 0.1	< 0.1	< 0.05	0.6	0.001	0.5	0.02	6.43	0.5	0.4
A300515	0.5	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 0.5	0.04	7.26	0.5	0.5
A300516	0.5	< 0.1	< 0.1	< 0.05	0.2	< 0.001	0.7	0.06	6.61	0.5	0.5
A300517	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 0.5	0.04	6.29	0.9	0.3
A300518	0.3	< 0.1	< 0.1	< 0.05	0.1	< 0.001	3.3	0.05	7.20	0.9	0.4
A300519	0.4	< 0.1	< 0.1	< 0.05	0.1	< 0.001	0.6	0.04	4.73	1.4	0.4
A300520	0.8	0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 0.5	0.05	4.71	0.7	1.3
A300521	0.4	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 0.5	0.11	12.9	0.4	0.6
A300522	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 0.5	0.06	9.07	1.1	0.3
A300523	0.9	0.1	< 0.1	< 0.05	< 0.1	0.001	< 0.5	0.07	8.03	1.0	0.7
A300524	0.3	< 0.1	< 0.1	< 0.05	0.1	< 0.001	< 0.5	0.09	6.45	0.7	0.3
A300525	0.4	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 0.5	0.06	10.9	0.3	0.3
A300526	0.4	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	12.7	0.05	7.94	0.9	0.4
A300527	0.4	< 0.1	< 0.1	< 0.05	< 0.1	0.001	< 0.5	0.05	8.47	0.8	0.4
A300528	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 0.5	0.07	6.10	0.8	0.3
A300529	0.6	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 0.5	0.04	4.24	1.0	0.6
A300530	0.5	< 0.1	< 0.1	< 0.05	< 0.1	0.001	< 0.5	0.06	5.30	1.0	0.5
A300531	0.5	< 0.1	< 0.1	< 0.05	< 0.1	0.002	< 0.5	0.03	3.78	0.3	0.7
A300532	0.6	< 0.1	< 0.1	< 0.05	0.1	0.001	< 0.5	0.04	3.87	0.6	0.8
A300533	0.6	< 0.1	< 0.1	< 0.05	< 0.1	0.001	6.7	0.03	3.07	0.7	0.5
A300534	0.6	< 0.1	< 0.1	< 0.05	< 0.1	0.001	0.9	0.05	6.25	0.5	0.8
A300535	0.3	< 0.1	< 0.1	< 0.05	0.1	< 0.001	< 0.5	0.04	4.55	1.0	0.4
A300536	0.3	< 0.1	< 0.1	< 0.05	< 0.1	0.001	< 0.5	0.06	5.27	0.8	0.3
A300537	0.4	< 0.1	< 0.1	< 0.05	0.2	0.001	< 0.5	0.10	12.8	1.0	0.4
A300538	0.3	< 0.1	< 0.1	< 0.05	0.1	0.001	< 0.5	0.08	6.04	1.1	0.3
A300539	0.3	< 0.1	< 0.1	< 0.05	0.2	0.001	1.6	0.08	7.67	1.2	0.3
A300540	0.3	< 0.1	< 0.1	< 0.05	0.1	0.002	< 0.5	0.07	7.23	1.7	0.4
A300541	0.3	< 0.1	< 0.1	< 0.05	< 0.1	0.002	1.0	0.08	6.09	0.8	0.4
A300542	0.4	< 0.1	< 0.1	< 0.05	0.1	0.001	1.5	0.04	4.79	1.1	0.5
A300543	0.4	< 0.1	< 0.1	< 0.05	0.1	0.001	< 0.5	0.05	5.14	1.2	0.4
A300544	0.2	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 0.5	0.03	3.84	0.2	0.3
A300545	0.4	< 0.1	< 0.1	< 0.05	0.1	0.001	0.7	0.14	14.0	3.1	0.7
A300546	0.3	< 0.1	< 0.1	< 0.05	0.1	< 0.001	< 0.5	0.06	4.92	1.1	0.3
A300547	0.4	< 0.1	< 0.1	< 0.05	0.2	< 0.001	< 0.5	0.13	7.35	0.8	0.3
A300548	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 0.5	0.05	7.95	0.7	0.3
A300549	0.4	< 0.1	< 0.1	< 0.05	0.1	0.001	1.6	0.06	12.7	1.3	0.4
A300550	0.5	< 0.1	< 0.1	< 0.05	0.1	0.001	0.9	0.07	12.6	1.2	0.4
A300551	0.3	< 0.1	< 0.1	< 0.05	0.1	0.001	< 0.5	0.08	5.69	0.9	0.4
A300552	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	1.5	0.10	6.71	0.3	0.4

Analyte Symbol	Yb	Lu	Hf	Ta	W	Re	Au	Tl	Pb	Th	U
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm
Detection Limit	0.1	0.1	0.1	0.05	0.1	0.001	0.5	0.02	0.01	0.1	0.1
Analysis Method	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
A300553	0.2	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 0.5	0.06	5.93	0.3	0.3
A300554	0.4	< 0.1	< 0.1	< 0.05	0.1	< 0.001	< 0.5	0.07	6.63	1.1	0.4
A300555	0.4	< 0.1	< 0.1	< 0.05	0.2	0.001	0.7	0.06	5.81	1.1	0.4
A300556	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 0.5	0.11	6.57	2.0	0.4
A300557	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 0.5	0.08	5.53	0.8	0.4
A300558	0.5	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 0.5	0.07	6.56	0.7	0.5
A300559	0.4	< 0.1	< 0.1	< 0.05	< 0.1	0.001	0.8	0.08	8.33	0.8	0.4
A300560	0.4	< 0.1	< 0.1	< 0.05	< 0.1	0.002	0.7	0.21	7.72	0.8	0.4
A300561	0.3	< 0.1	< 0.1	< 0.05	0.1	< 0.001	< 0.5	0.07	6.48	1.6	0.4
A300562	0.4	< 0.1	< 0.1	< 0.05	< 0.1	0.001	< 0.5	0.06	6.76	1.4	0.4
A300563	0.3	< 0.1	< 0.1	< 0.05	0.2	0.001	< 0.5	0.09	8.54	0.9	0.4
A300564	0.3	< 0.1	< 0.1	< 0.05	< 0.1	0.001	7.5	0.03	3.37	0.5	0.3
A300565	0.4	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	7.5	0.04	3.53	0.2	0.6
A300566	0.4	< 0.1	< 0.1	< 0.05	< 0.1	0.001	9.9	0.05	4.40	0.2	0.5
A300567	0.5	< 0.1	< 0.1	< 0.05	< 0.1	0.001	1.3	0.04	3.29	0.4	0.5
A300568	0.6	< 0.1	< 0.1	< 0.05	< 0.1	0.001	0.7	0.04	3.62	1.1	0.6
A300569	0.4	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 0.5	0.04	3.50	0.2	0.5
A300570	0.7	0.1	< 0.1	< 0.05	< 0.1	< 0.001	3.1	0.03	3.53	0.9	1.3
A300571	0.5	< 0.1	< 0.1	< 0.05	< 0.1	0.001	< 0.5	0.04	4.45	1.1	0.6
A300572	0.4	< 0.1	< 0.1	< 0.05	0.1	< 0.001	1.3	0.04	4.05	0.7	0.4
A300573	0.5	< 0.1	< 0.1	< 0.05	0.2	< 0.001	1.2	0.04	3.19	0.5	0.5
A300574	0.5	< 0.1	< 0.1	< 0.05	< 0.1	0.001	< 0.5	0.05	3.44	0.2	0.6
A300575	0.4	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 0.5	0.03	4.04	0.3	0.5
A300576	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 0.5	0.03	3.36	0.5	0.2
A300577	0.4	< 0.1	< 0.1	< 0.05	0.1	< 0.001	4.5	0.04	5.59	1.0	0.3
A300578	0.4	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 0.5	0.04	4.72	0.9	0.4
A300579	0.3	< 0.1	< 0.1	< 0.05	0.1	< 0.001	< 0.5	0.04	4.28	1.1	0.3
A300580	0.4	< 0.1	< 0.1	< 0.05	0.1	< 0.001	< 0.5	0.06	6.02	1.2	0.4
A300581	0.4	< 0.1	< 0.1	< 0.05	0.1	< 0.001	1260	0.06	5.95	1.7	0.4
A300582	0.4	< 0.1	< 0.1	< 0.05	< 0.1	0.001	5.4	0.05	4.44	0.9	0.4
A300583	0.4	< 0.1	< 0.1	< 0.05	0.1	0.001	7.7	0.04	4.25	1.1	0.4
A300584	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	14.4	0.04	4.16	1.2	0.4
A300585	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 0.5	0.04	4.64	1.2	0.3
A300586	0.4	< 0.1	< 0.1	< 0.05	0.2	< 0.001	2.9	0.06	7.17	2.0	0.4
A300587	0.4	< 0.1	< 0.1	< 0.05	0.1	0.001	1.3	0.05	4.60	1.5	0.4
A300588	0.4	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 0.5	0.06	4.33	0.7	0.4
A300589	0.5	< 0.1	< 0.1	< 0.05	0.1	0.001	< 0.5	0.05	3.81	0.4	1.5
A300590	0.4	< 0.1	< 0.1	< 0.05	< 0.1	0.001	< 0.5	0.05	5.11	1.1	0.8
A300591	0.5	< 0.1	< 0.1	< 0.05	< 0.1	0.001	137	0.03	2.76	0.9	0.9
A300592	0.6	< 0.1	< 0.1	< 0.05	< 0.1	0.001	< 0.5	0.05	3.53	< 0.1	0.5
A300593	0.5	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 0.5	0.04	3.02	0.4	0.5
A300594	0.5	< 0.1	< 0.1	< 0.05	< 0.1	0.001	< 0.5	0.04	3.49	0.6	0.6
A300595	0.5	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 0.5	0.04	2.87	0.4	0.6
A300596	1.5	0.2	< 0.1	< 0.05	< 0.1	0.005	< 0.5	0.12	2.46	0.1	3.5
A300597	0.4	< 0.1	< 0.1	< 0.05	< 0.1	0.002	11.4	0.06	4.82	1.3	0.4
A300598	0.4	< 0.1	< 0.1	< 0.05	0.2	< 0.001	< 0.5	0.06	5.89	1.4	0.4
A300599	1.0	0.2	< 0.1	< 0.05	< 0.1	0.001	< 0.5	0.05	3.91	< 0.1	3.4
A300600	0.9	0.1	< 0.1	< 0.05	0.4	0.001	< 0.5	0.07	3.97	< 0.1	0.7
A300601	0.6	< 0.1	< 0.1	< 0.05	< 0.1	0.001	< 0.5	0.04	3.41	0.2	0.8
A300602	0.6	< 0.1	< 0.1	< 0.05	< 0.1	0.001	1.6	0.04	3.47	0.6	0.5
A300603	0.3	< 0.1	< 0.1	< 0.05	0.1	< 0.001	< 0.5	0.06	4.94	0.9	0.3
A300604	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 0.5	0.06	4.80	1.2	0.4

Analyte Symbol	Yb	Lu	Hf	Ta	W	Re	Au	Tl	Pb	Th	U
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm
Detection Limit	0.1	0.1	0.1	0.05	0.1	0.001	0.5	0.02	0.01	0.1	0.1
Analysis Method	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
A300605	0.5	< 0.1	< 0.1	< 0.05	< 0.1	0.001	< 0.5	0.06	7.42	0.6	0.9
A300606	0.4	< 0.1	< 0.1	< 0.05	< 0.1	0.001	0.8	0.06	6.16	0.8	0.4
A300607	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	7.2	0.05	5.20	1.1	0.3
A300608	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 0.5	0.06	6.74	1.4	0.4
A300609	0.3	< 0.1	< 0.1	< 0.05	0.1	< 0.001	4.1	0.04	5.38	1.1	0.4
A300610	0.4	< 0.1	< 0.1	< 0.05	0.2	< 0.001	1.2	0.06	4.78	1.4	0.4
A300611	0.4	< 0.1	< 0.1	< 0.05	0.1	< 0.001	< 0.5	0.05	5.68	1.9	0.4
A300612	0.4	< 0.1	< 0.1	< 0.05	0.2	0.001	< 0.5	0.05	4.53	1.4	0.4
A300613	0.4	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 0.5	0.03	3.11	1.0	0.4
A300614	0.5	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 0.5	0.05	3.99	1.0	0.7
A300615	0.8	0.1	< 0.1	< 0.05	< 0.1	0.001	< 0.5	0.07	3.90	0.5	0.9
A300616	1.0	0.2	< 0.1	< 0.05	< 0.1	0.001	< 0.5	0.07	4.84	0.9	0.8
A300617	0.6	< 0.1	< 0.1	< 0.05	< 0.1	0.001	< 0.5	0.04	3.28	0.6	0.6
A300618	0.6	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 0.5	0.06	4.96	1.7	0.8
A300619	0.4	< 0.1	< 0.1	< 0.05	< 0.1	0.001	< 0.5	0.10	4.87	1.0	0.4
A300620	0.7	< 0.1	< 0.1	< 0.05	< 0.1	0.001	< 0.5	0.07	4.24	0.7	0.4
A300621	0.5	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 0.5	0.04	6.26	1.3	0.4
A300622	0.5	< 0.1	< 0.1	< 0.05	0.2	< 0.001	3.5	0.12	13.0	3.2	0.6
A300623	0.4	< 0.1	< 0.1	< 0.05	0.1	< 0.001	2.7	0.04	5.03	1.1	0.3
A300624	0.5	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	103	0.04	3.85	1.1	0.5
A300625	0.4	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	1.2	0.04	4.79	1.1	0.4
A300626	0.5	< 0.1	< 0.1	< 0.05	0.1	0.001	0.9	0.03	4.49	0.7	1.0
A300627	0.9	0.1	< 0.1	< 0.05	0.1	0.002	1.5	0.05	4.15	0.4	0.9
A300628	0.6	< 0.1	< 0.1	< 0.05	< 0.1	0.001	< 0.5	0.04	4.53	0.8	0.8
A300629	0.8	0.1	< 0.1	< 0.05	0.1	< 0.001	< 0.5	0.10	4.36	1.2	0.6
A300630	0.3	< 0.1	< 0.1	< 0.05	0.1	0.001	< 0.5	0.05	5.84	1.0	0.4
A300631	0.3	< 0.1	< 0.1	< 0.05	< 0.1	0.001	< 0.5	0.04	4.40	1.1	0.4
A300632	0.5	< 0.1	0.1	< 0.05	< 0.1	0.001	26.0	0.04	3.98	1.5	0.5
A300633	0.7	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	0.8	0.05	4.17	1.5	0.7
A300634	0.4	< 0.1	< 0.1	< 0.05	< 0.1	0.001	< 0.5	0.05	4.50	1.0	0.4
A300635	0.4	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 0.5	0.03	4.67	1.0	0.3
A300636	0.4	< 0.1	< 0.1	< 0.05	0.2	< 0.001	< 0.5	0.04	4.45	1.2	0.4
A300637	0.5	< 0.1	< 0.1	< 0.05	0.1	< 0.001	< 0.5	0.06	4.98	1.2	0.7
A300638	0.6	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 0.5	0.04	3.78	1.3	0.6
A300639	0.4	< 0.1	< 0.1	< 0.05	< 0.1	0.001	2.8	0.03	3.93	1.1	0.5
A300640	0.7	0.1	< 0.1	< 0.05	< 0.1	0.001	< 0.5	0.05	3.34	0.3	0.9
A300641	0.4	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 0.5	0.04	4.06	0.9	0.4
A300642	0.4	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	2.6	0.03	2.66	0.7	0.3
A300643	0.5	< 0.1	< 0.1	< 0.05	0.1	< 0.001	< 0.5	0.09	11.6	0.6	0.4
A300644	0.4	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 0.5	0.04	4.10	1.1	0.4
A300645	0.7	< 0.1	< 0.1	< 0.05	< 0.1	0.001	< 0.5	0.05	5.28	1.0	0.7
A300646	1.4	0.2	< 0.1	< 0.05	< 0.1	< 0.001	< 0.5	0.15	8.88	1.3	1.0
A300647	0.4	< 0.1	< 0.1	< 0.05	0.2	< 0.001	< 0.5	0.06	5.16	1.5	0.4
A300651	0.6	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 0.5	0.03	3.21	0.8	0.5
A300652	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 0.5	0.04	4.99	0.5	0.4
A300653	0.4	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 0.5	0.05	4.58	1.4	0.5
A300654	0.4	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 0.5	0.05	3.63	0.7	0.3
A300655	0.4	< 0.1	< 0.1	< 0.05	0.2	0.001	90.6	0.06	5.97	2.1	0.5
A300656	0.4	< 0.1	< 0.1	< 0.05	0.1	< 0.001	< 0.5	0.03	4.88	0.8	0.5
A300657	0.3	< 0.1	< 0.1	< 0.05	0.1	< 0.001	< 0.5	0.04	4.39	1.3	0.3
A300658	0.5	< 0.1	< 0.1	< 0.05	0.1	< 0.001	< 0.5	0.03	5.47	1.0	0.4
A300659	0.8	0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 0.5	0.07	4.91	1.2	0.6

Analyte Symbol	Yb	Lu	Hf	Ta	W	Re	Au	Tl	Pb	Th	U
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm
Detection Limit	0.1	0.1	0.1	0.05	0.1	0.001	0.5	0.02	0.01	0.1	0.1
Analysis Method	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
A300660	0.6	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	7.1	0.09	4.84	1.1	0.7
A300661	0.5	< 0.1	< 0.1	< 0.05	0.1	0.001	< 0.5	0.04	4.38	0.8	0.5
A300662	0.5	< 0.1	< 0.1	< 0.05	0.1	< 0.001	< 0.5	0.05	4.61	0.8	0.6
A300663	0.5	< 0.1	< 0.1	< 0.05	< 0.1	0.001	< 0.5	0.06	4.74	1.2	0.5
A300664	0.4	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 0.5	0.06	4.39	1.6	0.5
A300665	0.7	< 0.1	< 0.1	< 0.05	0.1	< 0.001	< 0.5	0.05	4.32	1.1	0.7
A300666	0.3	< 0.1	< 0.1	< 0.05	0.1	0.001	< 0.5	0.04	4.00	1.0	0.3
A300667	0.4	< 0.1	< 0.1	< 0.05	0.1	< 0.001	< 0.5	0.05	5.30	1.5	0.5
A300668	0.5	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 0.5	0.07	5.47	0.8	0.7
A300669	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 0.5	0.03	3.94	0.5	0.4
A300670	0.4	< 0.1	< 0.1	< 0.05	0.1	< 0.001	< 0.5	0.05	6.09	1.3	0.4
A300671	0.3	< 0.1	< 0.1	< 0.05	0.1	< 0.001	2.4	0.06	5.30	1.7	0.4
A300672	0.6	< 0.1	< 0.1	< 0.05	< 0.1	0.001	< 0.5	0.04	3.48	0.9	0.7
A300673	0.4	< 0.1	< 0.1	< 0.05	0.1	< 0.001	< 0.5	0.04	4.68	1.1	0.4
A300674	0.3	< 0.1	< 0.1	< 0.05	0.1	< 0.001	< 0.5	0.04	3.53	1.2	0.4
A300675	0.5	< 0.1	< 0.1	< 0.05	0.1	0.001	0.7	0.09	4.91	1.0	0.4
A300676	0.5	< 0.1	< 0.1	< 0.05	0.2	< 0.001	< 0.5	0.15	10.1	1.5	0.5
A300677	0.7	0.1	< 0.1	< 0.05	0.1	< 0.001	< 0.5	0.08	4.18	1.0	0.4
A300678	0.4	< 0.1	< 0.1	< 0.05	0.2	< 0.001	3.3	0.06	5.30	2.1	0.4
A300679	0.4	< 0.1	< 0.1	< 0.05	0.1	< 0.001	< 0.5	0.07	5.51	1.8	0.4
A300680	0.4	< 0.1	< 0.1	< 0.05	< 0.1	0.001	< 0.5	0.05	4.74	1.2	0.4
A300681	0.5	< 0.1	< 0.1	< 0.05	0.1	< 0.001	< 0.5	0.05	4.09	1.3	0.4
A300682	0.4	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 0.5	0.05	5.50	1.6	0.4
A300683	0.4	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	18.9	0.03	3.48	1.2	0.4
A300684	1.1	0.2	< 0.1	< 0.05	< 0.1	< 0.001	< 0.5	0.03	4.22	0.4	1.2
A300685	2.5	0.5	< 0.1	< 0.05	< 0.1	0.001	< 0.5	0.13	4.82	0.2	2.2
A300686	0.5	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	27.9	0.05	3.70	0.7	0.4
A300687	0.5	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 0.5	0.02	3.04	0.4	0.6
A300688	0.5	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 0.5	0.06	6.55	1.1	0.5
A300689	0.5	< 0.1	< 0.1	< 0.05	< 0.1	0.001	< 0.5	0.04	3.65	0.5	0.5
A300690	0.3	< 0.1	< 0.1	< 0.05	0.2	0.001	0.9	0.06	6.99	1.4	0.4
A300691	0.5	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	3.1	0.03	3.42	0.9	0.6
A300692	0.4	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	4.2	0.05	4.49	1.2	0.4
A300693	0.3	< 0.1	< 0.1	< 0.05	0.2	< 0.001	15.0	0.07	6.21	1.4	0.3
A300694	0.4	< 0.1	< 0.1	< 0.05	0.2	< 0.001	0.8	0.11	6.98	1.5	0.4
A300695	0.4	< 0.1	< 0.1	< 0.05	0.2	< 0.001	11.1	0.04	3.56	1.2	0.4
A300696	0.4	< 0.1	< 0.1	< 0.05	0.1	< 0.001	4.4	0.04	4.07	1.3	0.4
A300697	0.3	< 0.1	< 0.1	< 0.05	0.1	0.001	< 0.5	0.04	3.98	1.7	0.4
A300698	0.4	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	0.7	0.04	3.68	0.7	0.5
A300699	1.1	0.2	< 0.1	< 0.05	0.4	< 0.001	6.9	0.04	1.69	0.5	1.0
A300700	1.9	0.3	< 0.1	< 0.05	0.2	0.001	3.3	0.06	3.77	0.2	2.4
A300701	0.3	< 0.1	< 0.1	< 0.05	0.1	< 0.001	4.4	0.04	5.24	0.4	0.5
A300702	0.4	< 0.1	< 0.1	< 0.05	0.2	< 0.001	5.0	0.06	6.91	1.8	0.5
A300703	0.5	< 0.1	< 0.1	< 0.05	0.2	< 0.001	1.5	0.06	4.99	1.7	0.5
A300704	0.4	< 0.1	< 0.1	< 0.05	0.1	< 0.001	< 0.5	0.05	3.38	1.1	0.4
A300705	0.5	< 0.1	< 0.1	< 0.05	0.1	< 0.001	0.6	0.08	6.26	1.6	0.7
A300706	0.4	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 0.5	0.06	5.80	1.2	0.4
A300707	0.3	< 0.1	< 0.1	< 0.05	0.3	< 0.001	3.3	0.08	5.98	2.1	0.4
A300708	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 0.5	0.04	3.40	1.1	0.3
A300709	0.4	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	0.9	0.05	3.58	0.7	0.5
A300710	0.5	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 0.5	0.05	3.29	1.3	0.4
A300711	0.4	< 0.1	< 0.1	< 0.05	0.2	< 0.001	< 0.5	0.04	7.24	1.9	0.5

Analyte Symbol	Yb	Lu	Hf	Ta	W	Re	Au	Tl	Pb	Th	U
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm
Detection Limit	0.1	0.1	0.1	0.05	0.1	0.001	0.5	0.02	0.01	0.1	0.1
Analysis Method	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
A300712	0.4	< 0.1	< 0.1	< 0.05	0.1	0.001	2.1	0.03	4.18	1.3	0.4
A300713	0.3	< 0.1	< 0.1	< 0.05	0.1	< 0.001	< 0.5	0.09	9.57	1.4	0.4
A300714	0.4	< 0.1	< 0.1	< 0.05	0.1	0.001	3.8	0.08	7.65	1.2	0.5
A300715	0.4	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 0.5	0.08	6.33	0.3	0.5
A300716	0.7	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	3.0	0.09	8.69	1.5	1.1
A300717	0.3	< 0.1	< 0.1	< 0.05	0.2	< 0.001	< 0.5	0.04	4.38	1.1	0.4
A300718	0.3	< 0.1	< 0.1	< 0.05	0.1	< 0.001	< 0.5	0.04	4.64	1.4	0.4

Quality Control

Analyte Symbol	Li	Be	B	Na	Mg	Al	K	Bi	Ca	Sc	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Rb	Sr
Unit Symbol	ppm	ppm	ppm	%	%	%	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.1	0.1	1	0.001	0.01	0.01	0.01	0.02	0.01	0.1	1	0.5	1	0.01	0.1	0.1	0.01	0.1	0.02	0.1	0.1	0.1	0.1	0.5
Analysis Method	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
GXR-1 Meas	5.1	0.7	12	0.050	0.13	0.36	0.03	1390	0.93	1.1	79	8.2	906	24.9	8.2	44.9	1110	728	4.74		425	16.2	2.6	195
GXR-1 Cert	8.20	1.22	15.0	0.0520	0.217	3.52	0.0500	1380	0.960	1.58	80.0	12.0	852	23.6	8.20	41.0	1110	760	13.8		427	16.6	14.0	275
DH-1a Meas																								
DH-1a Cert																								
GXR-4 Meas	9.4	1.4	5	0.144	1.57	2.82	1.67	17.9	0.99	7.4	85	60.9	147	3.15	15.0	46.4	6450	77.7	12.9		114	6.2	103	79.1
GXR-4 Cert	11.1	1.90	4.50	0.564	1.66	7.20	4.01	19.0	1.01	7.70	87.0	64.0	155	3.09	14.6	42.0	6520	73.0	20.0		98.0	5.60	160	221
GXR-2 Meas	43.0	0.9	22	0.161	0.43	3.14	0.55	0.23	0.74	4.2	43	23.8	919	1.63	7.9	18.3	77.5	481	11.3		10.3	0.3	52.4	90.7
GXR-2 Cert	54.0	1.70	42.0	0.556	0.850	16.5	1.37	0.690	0.930	6.88	52.0	36.0	1010	1.86	8.60	21.0	76.0	530	37.0		25.0	0.610	78.0	160
GXR-6 Meas	25.7	0.8	6	0.080	0.37	7.08	1.10	0.13	0.18	23.8	170	80.0	1060	5.55	13.7	26.8	71.2	126	17.3		238	0.4	72.2	35.6
GXR-6 Cert	32.0	1.40	9.80	0.104	0.609	17.7	1.87	0.290	0.180	27.6	186	96.0	1010	5.58	13.8	27.0	66.0	118	35.0		330	0.940	90.0	35.0
OREAS 13P Meas														5.43		2290	2460							
OREAS 13P Cert														7.58		2260	2500							
A300513 Orig	7.7	0.3	4	0.028	0.36	1.69	0.05	0.06	0.50	4.3	133	41.7	209	3.50	5.6	13.1	19.4	34.6	9.31	< 0.1	4.1	0.3	8.2	71.5
A300513 Dup	7.5	0.2	4	0.027	0.36	1.65	0.04	0.06	0.47	4.1	127	40.0	194	3.24	5.3	12.7	19.3	31.8	9.19	< 0.1	3.7	0.1	7.6	68.7
A300527 Orig	20.1	0.2	23	0.026	0.47	1.92	0.05	0.08	0.57	4.9	104	41.5	308	2.45	6.8	14.8	14.0	57.5	10.7	< 0.1	2.1	0.2	6.9	63.0
A300527 Dup	10.2	0.2	6	0.025	0.50	2.07	0.05	0.07	0.62	5.3	110	43.7	332	2.65	7.3	16.3	14.8	61.0	11.3	< 0.1	2.3	0.2	7.6	69.4
A300540 Orig	16.3	0.3	4	0.026	0.42	1.45	0.08	0.07	0.48	3.7	115	44.5	307	3.62	8.9	17.6	14.9	98.8	7.89	< 0.1	10.2	0.3	16.7	40.2
A300540 Dup	17.2	0.3	4	0.027	0.44	1.53	0.08	0.07	0.51	4.0	122	48.8	325	3.94	9.4	19.2	16.0	105	8.48	< 0.1	10.5	0.4	17.8	43.4
A300554 Orig	10.8	0.4	5	0.029	0.44	1.63	0.08	0.06	0.53	3.6	90	40.4	540	3.33	8.4	18.7	20.8	55.1	6.19	< 0.1	18.1	0.3	13.2	48.2
A300554 Dup	11.0	0.3	6	0.029	0.44	1.60	0.08	0.06	0.54	3.7	91	41.2	526	3.31	8.3	18.7	20.6	54.8	5.87	< 0.1	17.6	0.4	13.2	48.9
A300577 Orig	18.6	0.3	4	0.040	0.65	1.89	0.11	0.06	0.83	5.1	121	44.4	418	3.46	16.0	20.9	26.2	85.5	8.53	< 0.1	3.3	0.2	13.2	71.4
A300577 Dup	17.8	0.3	4	0.039	0.64	1.83	0.10	0.07	0.78	4.8	120	43.3	392	3.41	15.5	20.0	24.0	80.2	8.28	< 0.1	3.4	0.1	12.7	68.7
A300591 Orig	6.3	0.2	4	0.046	0.40	1.02	0.05	< 0.02	1.00	3.6	88	38.0	312	2.24	6.0	14.9	16.7	23.6	4.14	< 0.1	1.8	0.2	6.1	66.1
A300591 Dup	6.3	0.2	5	0.047	0.40	1.01	0.05	0.02	1.02	3.7	95	38.5	312	2.35	6.2	15.1	17.2	24.4	4.15	< 0.1	1.9	0.2	6.2	68.0
A300604 Orig	8.5	0.3	4	0.024	0.31	1.64	0.05	0.04	0.47	3.4	94	38.4	161	2.86	5.6	13.6	16.9	32.0	5.65	< 0.1	7.8	< 0.1	9.5	41.1
A300604 Dup	8.6	0.3	3	0.026	0.29	1.62	0.05	0.04	0.45	3.4	90	35.0	148	2.70	5.2	12.4	16.0	32.2	5.58	< 0.1	7.8	0.1	9.5	40.8
A300618 Orig	10.3	0.3	4	0.035	0.63	1.37	0.08	0.05	0.86	4.9	80	56.4	388	2.55	9.5	33.5	28.0	43.1	4.88	< 0.1	4.1	0.3	10.3	68.6
A300618 Dup	10.4	0.3	6	0.035	0.63	1.36	0.08	0.06	0.87	5.0	80	55.4	384	2.55	9.3	32.9	28.7	43.7	4.69	< 0.1	4.1	0.2	10.3	68.6
A300635 Orig	8.7	0.2	4	0.041	0.37	1.51	0.05	0.03	0.63	4.0	100	41.9	182	2.57	6.1	17.4	15.6	35.9	7.55	< 0.1	1.5	0.3	7.7	48.4
A300635 Dup	8.6	0.2	4	0.045	0.40	1.58	0.05	0.04	0.65	4.1	103	42.7	193	2.65	6.2	17.7	15.1	36.1	7.99	< 0.1	1.3	0.2	7.6	50.8
A300652 Orig	4.8	0.2	4	0.032	0.25	1.21	0.05	0.04	0.52	2.5	101	48.5	189	2.60	4.0	12.7	18.4	29.5	6.44	< 0.1	2.0	0.2	12.0	46.3
A300652 Dup	4.8	0.2	4	0.028	0.26	1.22	0.05	0.03	0.51	2.5	99	47.5	193	2.58	4.1	12.9	19.3	30.4	6.39	< 0.1	1.9	< 0.1	12.4	45.4
A300665 Orig	20.5	0.4	3	0.042	0.46	1.83	0.07	0.04	0.97	4.3	131	38.4	331	2.49	8.2	19.4	49.9	32.6	5.43	< 0.1	2.2	0.2	9.3	69.5
A300665 Dup	21.7	0.4	4	0.045	0.48	1.93	0.08	0.04	1.04	4.6	136	40.0	343	2.61	8.8	20.4	52.6	34.4	5.66	< 0.1	2.4	0.3	10.0	74.2
A300679 Orig	20.6	0.4	4	0.034	0.52	2.51	0.07	0.05	0.55	4.8	107	44.7	258	3.80	11.2	21.7	22.1	93.3	9.20	< 0.1	3.1	0.2	12.8	50.2
A300679 Dup	22.1	0.4	12	0.039	0.54	2.61	0.08	0.06	0.57	5.0	111	46.4	268	3.97	11.6	22.9	22.9	98.1	9.36	< 0.1	3.2	0.3	13.5	52.5
A300702 Orig	26.2	0.4	4	0.026	0.54	2.37	0.07	0.07	0.60	4.1	137	47.5	251	4.76	10.3	23.1	26.1	79.1	10.2	< 0.1	6.8	0.3	13.8	38.1
A300702 Dup	23.9	0.4	4	0.026	0.49	2.14	0.06	0.08	0.54	3.7	126	42.1	225	4.24	9.1	20.8	23.8	72.6	9.38	< 0.1	5.7	0.2	12.2	34.5
A300716 Orig	14.8	0.4	4	0.037	0.57	1.27	0.11	0.11	1.39	4.4	69	39.5	382	2.71	12.8	27.4	29.7	136	4.13	< 0.1	14.9	1.3	11.9	67.7
A300716 Dup	15.0	0.3	4	0.036	0.57	1.28	0.11	0.11	1.41	4.4	68	39.3	383	2.72	12.8	27.7	29.7	131	4.15	< 0.1	14.6	1.4	12.1	67.5
Method Blank Method Blank	< 0.1	< 0.1	< 1	< 0.001	< 0.01	< 0.01	< 0.01	< 0.02	< 0.01	< 0.1	< 1	< 0.5	< 1	< 0.01	< 0.1	< 0.1	< 0.01	< 0.1	< 0.02	< 0.1	< 0.1	< 0.1	< 0.1	< 0.5

Quality Control

Analyte Symbol	Y	Zr	Nb	Mo	Ag	Cd	In	Sn	Sb	Te	Cs	Ba	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.01	0.1	0.1	0.01	0.002	0.01	0.02	0.05	0.02	0.02	0.02	0.5	0.5	0.01	0.1	0.02	0.1	0.1	0.1	0.1	0.001	0.1	0.1	0.1
Analysis Method	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
GXR-1 Meas	31.2	10.8	< 0.1	18.6	20.1	2.37	0.74	26.6	73.9	13.7	2.75	295	5.7	11.7		6.19	2.2	0.5	3.4	0.7	4.35			0.4
GXR-1 Cert	32.0	38.0	0.800	18.0	31.0	3.30	0.770	54.0	122	13.0	3.00	750	7.50	17.0		18.0	2.70	0.690	4.20	0.830	4.30			0.430
DH-1a Meas																								
DH-1a Cert																								
GXR-4 Meas	14.5	8.2	< 0.1	316	2.40	0.09	0.21	5.81	2.56	0.86	2.53	25.3	47.4	85.9		36.3	5.7	1.3	4.3	0.5	2.58			0.2
GXR-4 Cert	14.0	186	10.0	310	4.00	0.860	0.270	5.60	4.80	0.970	2.80	1640	64.5	102		45.0	6.60	1.63	5.25	0.360	2.60			0.210
GXR-2 Meas	11.6	9.3	1.6	0.75	10.5	3.21	0.04	0.80	19.5	0.23	3.96	1280	19.5	38.9		15.6	2.8	0.5	2.5	0.3	1.87			0.1
GXR-2 Cert	17.0	269	11.0	2.10	17.0	4.10	0.252	1.70	49.0	0.690	5.20	2240	25.6	51.4		19.0	3.50	0.810	3.30	0.480	3.30			0.300
GXR-6 Meas	8.06	7.3	< 0.1	1.25	0.185	0.08	0.06	0.96	0.86	< 0.02	3.53	1000	11.4	31.7		10.8	2.2	0.5	1.9	0.3	1.50			0.1
GXR-6 Cert	14.0	110	7.50	2.40	1.30	1.00	0.260	1.70	3.60	0.0180	4.20	1300	13.9	36.0		13.0	2.67	0.760	2.97	0.415	2.80			0.0320
OREAS 13P Meas																								
OREAS 13P Cert																								
A300513 Orig	3.68	0.9	1.0	1.32	0.173	0.20	0.02	0.49	< 0.02	0.05	0.94	119	8.0	15.4	1.8	6.35	1.2	0.3	1.0	0.1	0.685	0.1	0.3	< 0.1
A300513 Dup	3.45	0.7	0.7	1.21	0.160	0.19	0.02	0.22	< 0.02	0.04	0.90	120	7.7	15.1	1.8	6.40	1.2	0.3	1.0	0.1	0.683	0.1	0.3	< 0.1
A300527 Orig	4.64	0.5	0.5	0.60	0.115	0.24	0.02	0.72	< 0.02	< 0.02	0.81	94.2	9.6	19.1	2.3	8.27	1.5	0.4	1.3	0.2	0.879	0.2	0.4	< 0.1
A300527 Dup	4.89	0.6	0.5	0.64	0.124	0.23	0.02	0.70	< 0.02	< 0.02	0.83	99.3	10.0	19.6	2.4	8.43	1.6	0.4	1.3	0.2	0.906	0.2	0.4	< 0.1
A300540 Orig	3.66	1.4	0.9	1.19	0.117	0.30	0.02	0.45	0.18	0.06	0.94	91.5	9.4	18.4	2.2	7.67	1.4	0.3	1.1	0.1	0.725	0.1	0.3	< 0.1
A300540 Dup	3.86	1.4	0.8	1.26	0.130	0.32	0.02	0.69	0.19	0.05	0.98	96.6	10.3	20.1	2.4	8.16	1.4	0.3	1.2	0.2	0.762	0.1	0.4	< 0.1
A300554 Orig	4.73	0.7	0.7	1.32	0.132	0.24	0.02	0.24	0.34	0.05	0.78	85.4	8.4	16.6	1.9	6.69	1.3	0.3	1.1	0.2	0.827	0.2	0.4	< 0.1
A300554 Dup	4.82	0.7	0.7	1.30	0.125	0.22	0.02	0.23	0.32	0.06	0.77	85.0	8.4	16.5	1.9	6.69	1.3	0.3	1.2	0.2	0.844	0.2	0.4	< 0.1
A300577 Orig	5.27	1.3	0.6	0.57	0.118	0.31	0.02	0.24	< 0.02	0.03	1.39	119	7.3	14.8	1.8	6.61	1.3	0.4	1.2	0.2	0.950	0.2	0.5	< 0.1
A300577 Dup	5.19	1.3	0.7	0.60	0.112	0.28	< 0.02	0.36	< 0.02	0.04	1.33	111	6.7	13.8	1.7	6.08	1.2	0.3	1.2	0.2	0.931	0.2	0.5	< 0.1
A300591 Orig	7.02	0.8	0.6	0.79	0.040	0.08	< 0.02	0.35	< 0.02	< 0.02	0.48	73.7	9.1	16.7	2.1	7.46	1.5	0.4	1.4	0.2	1.15	0.2	0.6	< 0.1
A300591 Dup	6.95	0.7	0.6	0.81	0.047	0.09	< 0.02	0.59	< 0.02	0.02	0.49	75.1	8.1	15.8	2.0	7.33	1.5	0.4	1.4	0.2	1.18	0.2	0.6	< 0.1
A300604 Orig	4.14	1.3	0.6	0.67	0.077	0.13	< 0.02	0.26	0.08	< 0.02	0.60	85.7	7.7	14.8	1.7	6.10	1.2	0.3	1.0	0.1	0.744	0.1	0.4	< 0.1
A300604 Dup	3.95	1.3	0.6	0.63	0.085	0.12	< 0.02	0.25	< 0.02	< 0.02	0.60	92.7	7.3	14.3	1.7	5.80	1.1	0.3	1.0	0.1	0.753	0.2	0.4	< 0.1
A300618 Orig	8.54	0.8	0.5	0.81	0.032	0.12	< 0.02	0.14	< 0.02	< 0.02	0.73	151	14.1	27.0	3.3	11.6	2.2	0.5	2.0	0.3	1.53	0.3	0.8	0.1
A300618 Dup	8.75	0.9	0.8	0.87	0.022	0.11	< 0.02	0.28	< 0.02	< 0.02	0.79	153	14.5	28.0	3.5	12.4	2.4	0.5	2.1	0.3	1.55	0.3	0.8	0.1
A300635 Orig	4.76	1.6	0.5	0.49	0.053	0.16	< 0.02	0.28	< 0.02	0.03	0.71	79.1	7.1	13.8	1.6	5.62	1.1	0.3	1.0	0.1	0.856	0.2	0.5	< 0.1
A300635 Dup	5.07	1.8	0.6	0.51	0.069	0.15	< 0.02	0.34	< 0.02	< 0.02	0.74	82.1	6.5	13.2	1.6	5.70	1.2	0.3	1.1	0.2	0.919	0.2	0.5	< 0.1
A300652 Orig	3.69	0.4	0.6	1.60	0.027	0.16	< 0.02	0.21	< 0.02	< 0.02	1.21	89.3	7.9	15.8	1.8	6.38	1.2	0.3	1.0	0.1	0.722	0.1	0.4	< 0.1
A300652 Dup	3.64	0.5	0.6	1.61	0.030	0.15	< 0.02	0.17	< 0.02	< 0.02	1.18	87.6	7.5	15.4	1.8	6.13	1.2	0.3	0.9	0.1	0.698	0.1	0.3	< 0.1
A300665 Orig	8.10	0.7	0.8	0.47	0.152	0.08	< 0.02	0.19	< 0.02	< 0.02	0.87	112	9.9	20.5	2.4	8.66	1.8	0.5	1.7	0.2	1.42	0.3	0.8	0.1
A300665 Dup	8.51	0.8	0.8	0.51	0.161	0.08	< 0.02	0.20	< 0.02	< 0.02	0.90	118	10.7	22.1	2.6	9.35	1.9	0.5	1.8	0.3	1.49	0.3	0.8	0.1
A300679 Orig	5.10	1.4	0.9	0.63	0.132	0.11	0.02	0.26	< 0.02	< 0.02	1.10	123	9.8	19.3	2.4	8.13	1.6	0.4	1.3	0.2	0.978	0.2	0.5	< 0.1
A300679 Dup	5.26	1.5	1.0	0.65	0.136	0.13	0.02	0.31	< 0.02	< 0.02	1.13	127	10.2	19.8	2.4	8.23	1.6	0.4	1.3	0.2	0.988	0.2	0.5	< 0.1
A300702 Orig	5.15	1.5	1.5	0.88	0.210	0.20	0.02	0.40	0.13	0.03	1.13	139	7.9	16.1	1.9	6.47	1.3	0.3	1.1	0.2	0.924	0.2	0.5	< 0.1
A300702 Dup	4.85	1.4	1.3	0.81	0.187	0.20	0.02	0.36	0.04	< 0.02	1.04	130	7.6	15.1	1.9	6.41	1.3	0.3	1.1	0.2	0.902	0.2	0.5	< 0.1
A300716 Orig	9.52	2.0	1.4	1.12	0.129	0.43	< 0.02	0.24	1.20	< 0.02	1.00	89.4	13.0	26.4	3.3	11.6	2.4	0.6	2.2	0.3	1.71	0.3	0.8	0.1
A300716 Dup	9.61	1.9	1.3	1.13	0.133	0.43	< 0.02	0.24	1.17	< 0.02	0.97	88.4	13.4	26.8	3.3	11.5	2.3	0.6	2.2	0.3	1.72	0.3	0.8	0.1
Method Blank Method Blank	< 0.01	< 0.1	< 0.1	< 0.01	< 0.002	< 0.01	< 0.02	< 0.05	< 0.02	< 0.02	< 0.02	< 0.5	< 0.5	< 0.01	< 0.1	< 0.02	< 0.1	< 0.1	< 0.1	< 0.1	< 0.001	< 0.1	< 0.1	< 0.1

Quality Control

Analyte Symbol	Yb	Lu	Hf	Ta	W	Re	Au	Tl	Pb	Th	U
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm
Detection Limit	0.1	0.1	0.1	0.05	0.1	0.001	0.5	0.02	0.01	0.1	0.1
Analysis Method	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
GXR-1 Meas	2.0	0.3	0.2	< 0.05	149		3330	0.40	652	1.8	29.9
GXR-1 Cert	1.90	0.280	0.960	0.175	164		3300	0.390	730	2.44	34.9
DH-1a Meas										> 200	2200
DH-1a Cert										910	2630
GXR-4 Meas	0.9	0.1	0.2	< 0.05	12.6		608	3.22	47.4	17.6	4.9
GXR-4 Cert	1.60	0.170	6.30	0.790	30.8		470	3.20	52.0	22.5	6.20
GXR-2 Meas	0.8	0.1	0.1	< 0.05	< 0.1		28.8	0.61	563	3.5	1.4
GXR-2 Cert	2.04	0.270	8.30	0.900	1.90		36.0	1.03	690	8.80	2.90
GXR-6 Meas	0.7	< 0.1	< 0.1	< 0.05	< 0.1		74.3	1.99	94.4	3.3	0.8
GXR-6 Cert	2.40	0.330	4.30	0.485	1.90		95.0	2.20	101	5.30	1.54
OREAS 13P Meas							43.2				
OREAS 13P Cert							48.0				
A300513 Orig	0.3	< 0.1	< 0.1	< 0.05	0.2	0.001	25.9	0.04	6.38	0.9	0.4
A300513 Dup	0.3	< 0.1	< 0.1	< 0.05	0.2	< 0.001	2.8	0.04	7.25	0.9	0.4
A300527 Orig	0.4	< 0.1	< 0.1	< 0.05	< 0.1	0.001	< 0.5	0.05	8.61	0.8	0.4
A300527 Dup	0.4	< 0.1	< 0.1	< 0.05	< 0.1	0.001	< 0.5	0.05	8.33	0.8	0.4
A300540 Orig	0.3	< 0.1	< 0.1	< 0.05	0.1	0.001	< 0.5	0.07	7.06	1.6	0.4
A300540 Dup	0.3	< 0.1	< 0.1	< 0.05	0.1	0.002	1.1	0.08	7.40	1.8	0.4
A300554 Orig	0.4	< 0.1	< 0.1	< 0.05	0.1	< 0.001	< 0.5	0.07	6.71	1.1	0.4
A300554 Dup	0.4	< 0.1	< 0.1	< 0.05	0.1	< 0.001	< 0.5	0.07	6.54	1.1	0.4
A300577 Orig	0.4	< 0.1	< 0.1	< 0.05	0.1	0.002	0.8	0.04	5.91	1.1	0.3
A300577 Dup	0.4	< 0.1	< 0.1	< 0.05	0.1	< 0.001	8.3	0.04	5.27	1.0	0.3
A300591 Orig	0.5	< 0.1	< 0.1	< 0.05	< 0.1	0.001	266	0.03	2.63	0.9	0.9
A300591 Dup	0.6	< 0.1	< 0.1	< 0.05	< 0.1	0.001	7.4	0.03	2.88	0.8	0.9
A300604 Orig	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	1.4	0.06	4.77	1.3	0.4
A300604 Dup	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 0.5	0.06	4.84	1.2	0.3
A300618 Orig	0.6	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 0.5	0.06	4.76	1.6	0.8
A300618 Dup	0.6	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 0.5	0.06	5.16	1.8	0.9
A300635 Orig	0.4	< 0.1	< 0.1	< 0.05	< 0.1	0.001	< 0.5	0.03	4.61	1.0	0.3
A300635 Dup	0.4	< 0.1	< 0.1	< 0.05	0.1	< 0.001	158	0.03	4.74	1.0	0.3
A300652 Orig	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 0.5	0.04	5.17	0.4	0.4
A300652 Dup	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 0.5	0.03	4.81	0.5	0.4
A300665 Orig	0.6	< 0.1	< 0.1	< 0.05	0.1	< 0.001	< 0.5	0.05	4.21	1.1	0.7
A300665 Dup	0.7	0.1	< 0.1	< 0.05	0.1	0.001	0.6	0.05	4.42	1.1	0.7
A300679 Orig	0.4	< 0.1	< 0.1	< 0.05	0.1	0.001	< 0.5	0.07	5.54	1.8	0.4
A300679 Dup	0.4	< 0.1	< 0.1	< 0.05	0.1	< 0.001	7.2	0.08	5.48	1.8	0.4
A300702 Orig	0.4	< 0.1	< 0.1	< 0.05	0.3	< 0.001	5.9	0.06	6.44	1.8	0.5
A300702 Dup	0.4	< 0.1	< 0.1	< 0.05	0.2	< 0.001	4.0	0.06	7.39	1.9	0.5
A300716 Orig	0.7	0.1	< 0.1	< 0.05	0.1	0.001	3.0	0.09	8.82	1.6	1.1
A300716 Dup	0.7	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	2.9	0.09	8.56	1.4	1.1
Method Blank Method Blank	< 0.1	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 0.5	< 0.02	< 0.01	< 0.1	< 0.1

Quality Analysis ... *Innovative Technologies*

Date Submitted: 24-Jul-09
Invoice No.: A09-3956
Invoice Date: 21-Aug-09
Your Reference: Mt. Milligan

Terrane Metals Corp
1500-999 West Hastings Street
Vancouver BC V6C 2W2
Canada

ATTN: VP Exploration Darren O'brien

CERTIFICATE OF ANALYSIS

69 Soil samples were submitted for analysis.

The following analytical package was requested: Code UT-1-0.5g Aqua Regia ICP/MS

REPORT **A09-3956**

Notes:
Assays are recommended for values >10,000 for Cu and Au.

CERTIFIED BY :

Emmanuel Eseme , Ph.D.
Quality Control

SCC Accredited LAB 265
LAB 266 Accrédité CCN

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Analyte Symbol	Li	Be	B	Na	Mg	Al	K	Bi	Ca	Sc	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Rb	Sr
Unit Symbol	ppm	ppm	ppm	%	%	%	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.1	0.1	1	0.001	0.01	0.01	0.01	0.02	0.01	0.1	1	0.5	1	0.01	0.1	0.1	0.01	0.1	0.02	0.1	0.1	0.1	0.1	0.5
Analysis Method	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
A300719	4.8	0.2	1	0.023	0.26	1.03	0.04	0.03	0.95	2.1	50	25.0	168	1.26	4.3	10.5	25.8	16.8	3.48	< 0.1	1.1	0.3	4.6	64.6
A300720	20.4	0.3	1	0.030	0.48	2.07	0.05	0.06	0.90	3.9	114	32.9	174	2.42	6.8	12.6	23.9	43.1	10.9	< 0.1	2.2	0.3	7.5	56.8
A300721	7.9	0.3	2	0.025	0.40	1.45	0.04	< 0.02	0.61	3.3	69	26.9	163	1.61	5.1	12.1	21.8	23.4	5.28	< 0.1	1.9	0.2	6.0	46.4
A300722	7.7	0.2	1	0.023	0.36	1.41	0.04	0.03	0.52	3.2	62	26.0	149	1.44	4.4	11.2	12.6	27.5	6.11	< 0.1	1.3	0.2	8.6	47.2
A300723	9.0	0.3	1	0.022	0.38	1.68	0.04	0.04	0.56	3.6	84	34.5	175	2.03	5.4	13.8	16.3	34.0	6.37	< 0.1	2.3	0.2	9.4	45.2
A300724	9.1	0.2	2	0.024	0.39	1.55	0.05	0.04	0.57	3.1	79	30.7	164	1.76	6.2	16.5	17.6	32.8	5.88	< 0.1	2.1	< 0.1	7.9	48.1
A300725	7.5	0.2	2	0.021	0.39	1.30	0.03	0.02	0.48	3.2	69	27.1	165	1.53	4.8	15.9	13.2	32.4	5.07	< 0.1	1.9	0.1	5.1	35.4
A300726	7.8	0.2	2	0.023	0.36	1.10	0.03	< 0.02	0.66	3.0	81	25.8	152	1.53	4.4	11.6	9.09	26.5	4.66	< 0.1	2.2	0.1	6.8	46.1
A300727	9.8	0.3	2	0.029	0.44	1.37	0.05	0.03	0.68	3.6	80	30.5	222	1.83	6.9	14.5	18.3	34.0	5.24	< 0.1	1.9	0.1	9.4	47.1
A300728	13.8	0.6	2	0.033	0.70	2.38	0.08	0.09	1.49	5.1	106	53.2	993	3.29	12.4	37.9	76.4	59.7	6.20	< 0.1	4.9	0.4	14.8	89.3
A300729	13.6	0.5	3	0.024	0.35	2.28	0.04	< 0.02	0.70	4.2	132	45.2	199	3.86	7.8	16.8	18.5	46.7	6.38	< 0.1	4.6	0.3	8.0	49.7
A300730	9.7	0.4	3	0.043	0.57	1.49	0.05	< 0.02	1.10	4.5	102	42.5	296	2.77	9.0	21.3	46.1	27.7	4.20	< 0.1	4.0	0.4	6.3	65.5
A300731	19.7	0.8	1	0.023	0.44	4.87	0.05	0.03	0.35	4.8	156	56.3	441	5.31	11.8	17.8	30.0	66.2	8.23	< 0.1	7.9	0.4	9.0	27.0
A300732	20.2	0.5	1	0.020	0.42	2.18	0.05	0.06	0.39	4.2	137	50.9	258	4.73	7.4	18.0	19.4	67.0	7.98	< 0.1	7.0	0.2	9.3	31.3
A300733	19.4	0.4	6	0.022	0.61	2.08	0.05	0.12	0.70	3.9	129	77.4	280	4.31	11.2	36.3	54.6	96.0	8.34	< 0.1	30.5	0.4	15.3	52.0
A300734	47.0	0.8	74	0.022	0.62	3.21	0.06	0.13	1.25	4.8	137	25.0	426	5.53	11.1	13.6	50.3	131	13.9	< 0.1	26.6	0.3	14.8	539
A300735	22.1	0.4	2	0.021	0.38	2.30	0.05	0.09	0.34	3.7	92	42.4	143	3.21	5.6	15.6	15.3	42.1	7.05	< 0.1	3.7	0.3	13.5	29.3
A300736	13.5	0.4	2	0.025	0.45	1.87	0.05	0.03	0.72	4.1	113	44.3	218	3.37	8.4	19.0	17.7	38.9	5.87	< 0.1	5.2	0.2	8.4	45.8
A300737	12.3	0.3	3	0.024	0.55	1.78	0.06	0.02	0.66	4.5	107	43.7	226	2.99	7.4	23.7	22.0	40.1	6.24	< 0.1	5.7	0.2	9.7	49.5
A300738	16.6	0.4	2	0.023	0.42	2.33	0.05	0.04	0.48	4.3	117	42.0	215	3.69	7.2	19.2	24.6	59.5	7.43	< 0.1	4.2	0.2	10.2	40.7
A300739	21.5	0.5	2	0.033	0.67	3.00	0.07	0.04	0.66	5.4	146	58.2	216	4.78	10.3	25.3	36.6	42.3	10.3	< 0.1	6.4	0.3	13.2	40.4
A300740	16.6	0.5	2	0.023	0.41	2.51	0.04	0.04	0.44	4.6	114	49.9	222	3.45	8.7	18.5	19.8	70.2	7.40	< 0.1	3.3	0.2	9.6	29.4
A300741	26.9	0.4	2	0.034	0.99	2.22	0.05	< 0.02	0.60	4.2	117	90.1	231	3.89	13.5	43.4	76.4	33.5	7.43	< 0.1	3.6	0.2	8.8	31.6
A300742	18.7	0.4	4	0.027	0.49	1.89	0.06	0.03	0.55	4.1	106	45.2	195	3.21	9.0	18.0	25.1	41.0	7.01	< 0.1	3.5	0.2	13.2	39.1
A300743	22.0	0.3	2	0.033	0.71	2.44	0.12	0.08	0.59	4.8	135	51.1	226	4.32	10.9	20.9	32.4	79.5	11.4	< 0.1	3.8	0.2	17.3	30.9
A300744	28.0	0.5	2	0.060	1.10	2.98	0.16	0.04	1.44	5.7	119	53.9	695	3.70	18.3	26.7	129	46.3	9.65	< 0.1	1.1	0.3	13.5	109
A300745	19.1	0.6	2	0.037	0.67	2.22	0.08	0.04	1.05	5.3	126	47.0	562	3.44	15.0	23.9	62.6	82.1	7.87	< 0.1	3.1	0.3	9.1	56.4
A300746	12.8	0.4	3	0.036	0.56	1.81	0.08	< 0.02	1.00	4.6	107	44.4	328	2.78	9.3	21.5	29.9	32.9	5.64	< 0.1	3.2	0.2	9.4	64.8
A300747	10.0	0.2	2	0.033	0.51	1.23	0.05	< 0.02	0.80	3.8	90	35.6	221	1.98	7.0	17.4	19.7	26.9	5.00	< 0.1	7.7	< 0.1	5.8	56.8
A300748	10.2	0.2	2	0.031	0.54	1.53	0.05	0.03	0.85	4.1	84	37.1	247	1.92	7.6	17.3	22.5	31.5	5.77	< 0.1	1.8	0.1	7.7	59.5
A300749	10.0	0.2	3	0.030	0.48	1.13	0.05	< 0.02	0.83	3.7	87	38.1	270	2.06	6.9	15.1	21.0	32.4	4.80	< 0.1	1.7	0.2	10.9	55.8
A300750	13.3	0.2	2	0.064	1.02	2.00	0.15	< 0.02	1.17	5.9	106	33.4	414	2.75	12.7	19.4	18.9	52.9	8.20	< 0.1	1.5	0.3	35.0	76.0
A300751	15.9	0.5	2	0.027	0.74	2.56	0.07	0.08	0.81	4.9	95	51.2	366	2.79	10.4	31.1	52.9	55.2	7.07	< 0.1	3.2	0.3	15.4	58.1
A300752	16.4	0.5	2	0.042	0.95	2.36	0.08	0.03	0.96	5.9	111	47.8	411	3.32	13.0	35.1	48.9	48.0	6.17	< 0.1	4.1	0.4	9.8	57.5
A300753	17.5	0.5	2	0.024	0.44	2.10	0.05	0.07	0.49	4.0	173	57.3	201	5.68	7.8	18.3	24.0	47.6	10.8	< 0.1	8.7	0.1	11.4	30.9
A300754	5.8	0.2	1	0.020	0.30	1.04	0.03	< 0.02	0.58	2.5	62	24.0	132	1.26	3.7	10.7	12.5	17.4	4.31	< 0.1	1.7	0.2	5.1	43.2
A300755	8.9	0.2	2	0.020	0.36	1.39	0.04	0.03	0.57	3.2	92	33.9	196	1.92	6.0	16.8	17.3	27.8	5.62	< 0.1	2.6	0.2	6.2	43.5
A300756	14.5	0.9	2	0.021	0.74	3.27	0.09	0.09	1.07	7.4	128	70.7	735	4.67	17.6	61.6	104	52.5	6.65	< 0.1	9.7	0.5	11.0	67.4
A300757	12.9	0.4	2	0.028	0.55	1.80	0.08	0.02	0.65	4.8	139	57.6	222	3.94	9.5	21.9	32.7	52.4	8.22	< 0.1	4.4	0.2	10.6	45.7
A300758	14.9	0.5	2	0.023	0.50	2.66	0.05	< 0.02	0.46	4.2	109	46.5	295	3.28	10.0	24.7	25.3	59.8	5.94	< 0.1	6.6	0.2	7.4	36.2
A300759	18.3	0.4	1	0.022	0.41	2.49	0.05	0.06	0.42	4.3	119	43.8	278	3.61	8.4	18.4	20.1	69.5	9.09	< 0.1	7.2	0.2	9.2	35.0
A300760	10.8	0.2	2	0.029	0.44	1.53	0.07	0.03	0.69	4.0	162	45.5	261	3.81	8.1	15.1	19.8	47.7	9.46	< 0.1	4.0	0.2	9.7	52.6
A300761	12.6	0.3	2	0.046	0.60	1.75	0.05	0.09	1.24	5.2	95	38.5	427	2.45	9.7	18.3	42.3	33.3	5.82	< 0.1	2.3	0.7	8.4	61.5
A300762	14.8	0.3	2	0.062	0.87	1.63	0.08	< 0.02	1.30	5.1	95	48.1	477	2.68	11.9	28.7	58.1	35.7	5.15	< 0.1	4.2	0.4	10.0	59.9
A300763	8.6	0.3	2	0.030	0.40	1.72	0.05	< 0.02	0.57	4.3	106	40.0	166	2.84	6.3	15.0	19.8	27.7	6.64	< 0.1	3.5	0.2	10.0	43.1
A300764	19.5	0.5	2	0.024	0.51	2.02	0.07	0.06	0.57	4.4	106	43.5	221	3.76	8.7	20.7	22.4	61.4	8.20	< 0.1	6.4	0.2	13.9	41.2
A300765	13.3	0.5	2	0.033	0.66	1.91	0.09	0.07	1.23	5.7	107	52.9	609	3.15	11.6	35.6	72.4	58.1	6.04	< 0.1	6.0	0.4	12.7	75.9
A300766	15.4	0.3	2	0.022	0.58	1.62	0.09	0.04	0.63	4.0	98	49.2	253	2.75	9.2	27.3	32.1	50.5	6.16	< 0.1	4.9	0.2	9.1	47.3
A300767	16.0	0.3	2	0.038	0.63	2.11	0.07	0.02	0.67	4.8	123	48.3	228	3.61	9.9	22.7	35.4	37.3	7.86	< 0.1	5.6	0.2	9.8	50.0
A300768	19.4	0.4	2	0.033	0.83	2.41	0.08	0.04	0.57	6.2	133	69.8	288	4.54	12.5	29.3	42.9	49.0	8.38	< 0.1	7.6	0.2	16.6	40.5
A300769	27.4	0.4	2	0.032	0.77	2.71	0.09	0.06	0.61	4.6	140	51.8	296	4.90	15.4	26.2	43.0	70.2	11.1	< 0.1	3.6	0.3	10.1	34.5
A300770	16.9	0.2	3	0.028	0.50	1.58	0.08	0.04	0.54	3.6	117	41.6	195	3.30	10.6	20.0	21.5	37.6	7.57	< 0.1	3.6	< 0.1	12.6	37.6

Analyte Symbol	Li	Be	B	Na	Mg	Al	K	Bi	Ca	Sc	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Rb	Sr
Unit Symbol	ppm	ppm	ppm	%	%	%	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.1	0.1	1	0.001	0.01	0.01	0.01	0.02	0.01	0.1	1	0.5	1	0.01	0.1	0.1	0.01	0.1	0.02	0.1	0.1	0.1	0.1	0.5
Analysis Method	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
A300771	22.7	0.2	3	0.027	0.57	1.55	0.08	0.05	0.51	4.4	115	34.3	184	3.09	10.2	14.6	27.3	35.2	7.42	< 0.1	8.0	0.1	9.9	35.6
A300772	12.4	0.4	2	0.025	0.35	1.88	0.04	< 0.02	0.60	3.8	107	40.3	194	3.01	7.5	16.0	14.1	44.8	6.31	< 0.1	3.3	0.2	7.1	45.7
A300773	24.3	0.5	2	0.040	0.81	2.74	0.08	0.03	0.60	5.6	110	52.3	367	3.83	16.8	30.3	53.2	87.3	8.90	< 0.1	3.8	0.2	12.7	38.2
A300774	9.7	0.4	3	0.029	0.57	1.72	0.05	< 0.02	0.67	4.1	96	58.9	202	2.55	8.6	27.0	34.2	27.3	4.75	< 0.1	4.3	0.2	6.0	52.1
A300775	6.9	0.2	3	0.031	0.45	1.05	0.04	< 0.02	0.88	3.6	85	35.5	224	1.90	6.1	16.3	15.3	22.3	3.79	< 0.1	2.7	0.1	4.8	59.1
A300776	7.8	0.9	1	0.019	0.37	1.84	0.04	0.05	2.42	1.8	73	41.7	646	2.41	7.0	25.4	155	20.8	3.46	0.1	4.8	1.1	5.6	119
A300777	8.5	0.3	3	0.034	0.53	1.27	0.05	< 0.02	0.93	3.6	71	32.7	249	1.75	6.4	15.3	25.4	28.6	4.73	< 0.1	1.8	< 0.1	8.2	62.6
A300778	11.5	0.3	2	0.031	0.53	1.88	0.06	0.04	0.75	3.8	86	37.4	232	2.08	7.9	21.1	28.1	51.9	6.92	< 0.1	2.7	0.2	10.0	58.8
A300779	9.7	0.3	2	0.030	0.58	1.56	0.05	0.02	0.80	4.0	78	32.4	257	1.81	7.2	16.6	17.2	35.3	6.33	< 0.1	1.7	0.1	11.2	53.9
A300780	8.6	0.2	2	0.024	0.36	1.41	0.04	< 0.02	0.58	2.8	69	28.7	150	1.63	5.2	13.9	18.3	27.2	5.95	< 0.1	2.4	0.1	9.8	45.9
A300781	8.3	0.2	2	0.026	0.44	1.32	0.04	< 0.02	0.66	3.3	71	26.7	167	1.52	5.5	12.7	16.1	26.4	5.56	< 0.1	1.7	0.2	6.5	48.7
A300782	11.8	0.3	2	0.026	0.49	1.70	0.05	< 0.02	0.74	3.7	80	36.1	318	1.97	9.7	20.4	28.8	35.2	5.77	< 0.1	2.3	0.2	12.4	55.4
A300783	19.9	0.6	3	0.024	0.39	2.48	0.05	0.04	0.48	4.3	112	48.9	185	3.49	10.0	23.1	21.4	63.7	6.80	< 0.1	4.7	< 0.1	11.5	40.2
A300784	13.6	0.5	2	0.022	0.49	2.10	0.05	0.03	0.54	4.0	91	42.3	233	3.00	9.9	26.6	25.5	69.2	5.65	< 0.1	6.6	0.2	7.4	41.3
A300785	18.1	0.6	2	0.029	0.57	2.80	0.07	0.04	0.54	5.1	146	60.4	728	4.48	14.5	24.1	39.6	84.5	7.39	< 0.1	7.5	0.3	10.8	39.2
A300786	19.9	0.5	2	0.023	0.42	2.74	0.05	0.05	0.36	4.5	135	51.1	441	4.83	9.4	20.6	31.8	64.2	8.12	< 0.1	13.0	0.2	10.0	31.6
A300787	9.2	0.3	2	0.022	0.25	1.53	0.03	< 0.02	0.43	3.0	105	40.3	154	2.81	6.1	14.8	13.0	26.3	5.45	< 0.1	3.8	< 0.1	7.6	35.0

Analyte Symbol	Y	Zr	Nb	Mo	Ag	Cd	In	Sn	Sb	Te	Cs	Ba	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.01	0.1	0.1	0.01	0.002	0.01	0.02	0.05	0.02	0.02	0.02	0.5	0.5	0.01	0.1	0.02	0.1	0.1	0.1	0.1	0.001	0.1	0.1	0.1
Analysis Method	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
A300719	6.95	0.7	1.0	0.73	0.266	0.10	< 0.02	0.31	< 0.02	< 0.02	0.35	120	8.6	16.1	2.0	7.28	1.4	0.4	1.4	0.2	1.13	0.2	0.6	< 0.1
A300720	5.87	2.2	2.3	1.73	0.223	0.14	0.02	0.61	0.15	< 0.02	1.01	128	7.1	13.9	1.8	6.41	1.3	0.3	1.2	0.2	0.972	0.2	0.5	< 0.1
A300721	5.91	1.1	1.2	0.43	0.049	0.07	< 0.02	0.39	0.08	< 0.02	0.71	90.8	8.5	16.4	1.9	6.85	1.3	0.3	1.2	0.2	0.966	0.2	0.5	< 0.1
A300722	4.74	1.5	1.3	0.38	0.087	0.08	< 0.02	0.46	0.06	< 0.02	0.81	89.9	8.8	17.3	2.1	7.18	1.3	0.3	1.1	0.1	0.781	0.2	0.4	< 0.1
A300723	5.22	1.3	1.4	0.55	0.086	0.09	< 0.02	0.46	0.07	0.02	0.74	94.7	9.1	17.6	2.1	7.27	1.4	0.3	1.2	0.2	0.859	0.2	0.5	< 0.1
A300724	5.32	0.9	1.1	0.80	0.101	0.09	< 0.02	0.46	0.07	0.03	0.71	115	9.2	17.5	2.0	6.87	1.2	0.3	1.1	0.1	0.845	0.2	0.4	< 0.1
A300725	4.42	1.7	1.2	0.47	0.056	0.14	< 0.02	0.35	0.09	< 0.02	0.59	94.0	6.4	12.6	1.5	5.44	1.0	0.3	0.9	0.1	0.730	0.1	0.4	< 0.1
A300726	4.85	3.0	1.1	0.68	0.057	0.08	< 0.02	0.34	0.07	< 0.02	0.59	69.6	6.7	13.0	1.5	5.53	1.1	0.3	1.0	0.1	0.763	0.2	0.4	< 0.1
A300727	5.98	1.8	1.4	0.62	0.075	0.10	< 0.02	0.41	0.05	< 0.02	0.93	96.1	9.2	18.0	2.2	7.86	1.5	0.4	1.4	0.2	0.983	0.2	0.5	< 0.1
A300728	13.2	0.7	1.0	2.58	0.249	0.56	0.03	0.48	0.24	< 0.02	1.38	270	12.4	22.0	3.1	11.6	2.4	0.6	2.4	0.3	1.91	0.4	1.0	0.1
A300729	5.26	3.6	1.6	0.64	0.112	0.28	0.03	0.32	0.23	0.02	0.79	129	5.9	11.9	1.4	5.14	1.1	0.3	1.0	0.1	0.839	0.2	0.4	< 0.1
A300730	11.5	1.2	0.9	0.76	0.093	0.08	< 0.02	0.27	0.13	0.02	0.89	95.4	10.5	21.3	2.6	9.95	2.0	0.5	2.1	0.3	1.73	0.4	0.9	0.1
A300731	4.54	2.9	2.3	1.02	0.247	0.19	0.04	0.41	0.25	< 0.02	1.20	120	5.6	11.1	1.3	4.79	1.0	0.3	1.0	0.1	0.814	0.2	0.4	< 0.1
A300732	4.24	4.0	1.7	1.06	0.136	0.20	0.03	0.47	0.32	< 0.02	1.09	98.3	9.1	17.5	2.1	7.41	1.4	0.3	1.1	0.1	0.756	0.1	0.4	< 0.1
A300733	4.74	0.8	1.2	2.03	0.223	0.25	0.03	0.56	0.75	0.03	2.16	76.6	10.4	20.3	2.4	8.36	1.6	0.3	1.3	0.2	0.839	0.2	0.4	< 0.1
A300734	4.30	0.9	1.8	5.41	0.405	0.28	0.03	0.99	1.45	0.06	7.85	176	7.0	13.7	1.6	5.63	1.1	0.3	0.9	0.1	0.675	0.1	0.4	< 0.1
A300735	5.72	1.8	2.1	0.98	0.106	0.11	0.03	0.56	0.12	< 0.02	1.22	82.2	20.5	38.9	4.9	16.7	2.9	0.5	2.2	0.2	1.15	0.2	0.5	< 0.1
A300736	6.03	2.6	1.6	1.80	0.086	0.16	0.02	0.37	0.17	< 0.02	0.69	107	8.8	17.5	2.1	7.55	1.5	0.4	1.4	0.2	1.00	0.2	0.5	< 0.1
A300737	5.95	3.5	1.3	0.81	0.158	0.14	0.02	0.40	0.23	0.02	0.85	107	9.1	17.7	2.1	7.48	1.4	0.3	1.3	0.2	0.989	0.2	0.5	< 0.1
A300738	4.51	1.4	1.5	0.64	0.256	0.18	0.03	0.44	0.19	< 0.02	1.27	104	9.3	18.0	2.1	7.34	1.4	0.3	1.1	0.1	0.798	0.2	0.4	< 0.1
A300739	5.76	2.4	1.8	0.83	0.328	0.26	0.03	0.46	0.21	0.03	1.30	128	7.1	14.5	1.7	6.22	1.3	0.3	1.2	0.2	0.967	0.2	0.5	< 0.1
A300740	4.65	1.8	2.4	0.57	0.197	0.16	0.03	0.55	0.20	< 0.02	1.16	87.4	7.3	14.5	1.7	6.18	1.2	0.3	1.0	0.1	0.844	0.2	0.4	< 0.1
A300741	3.94	2.2	1.3	0.43	0.178	0.09	0.02	0.28	0.14	< 0.02	1.23	94.1	4.7	9.36	1.1	3.99	0.8	0.2	0.8	0.1	0.642	0.1	0.3	< 0.1
A300742	5.44	2.4	1.9	0.85	0.185	0.11	0.03	0.48	0.24	< 0.02	1.22	90.7	9.0	18.2	2.2	7.65	1.5	0.3	1.2	0.2	0.938	0.2	0.5	< 0.1
A300743	5.23	1.4	1.7	1.73	0.370	0.22	0.03	0.56	0.66	0.03	2.11	108	6.9	14.1	1.7	6.36	1.3	0.3	1.2	0.2	0.902	0.2	0.5	< 0.1
A300744	12.0	1.5	2.1	0.77	0.253	0.61	0.03	0.44	0.14	< 0.02	1.58	200	8.6	14.2	2.2	8.42	1.9	0.6	2.0	0.3	1.76	0.4	1.0	0.1
A300745	9.05	1.7	1.8	0.97	0.464	0.29	0.03	0.50	0.20	< 0.02	1.10	92.4	10.0	20.0	2.4	8.86	1.8	0.5	1.7	0.2	1.39	0.3	0.7	0.1
A300746	7.53	1.5	1.3	0.49	0.191	0.08	< 0.02	0.39	0.22	< 0.02	0.63	110	9.0	15.5	2.1	7.44	1.5	0.4	1.5	0.2	1.14	0.2	0.6	< 0.1
A300747	5.84	2.4	1.5	1.34	0.017	0.05	< 0.02	0.38	0.12	< 0.02	0.68	78.4	7.8	15.1	1.8	6.28	1.2	0.3	1.1	0.2	0.935	0.2	0.5	< 0.1
A300748	6.60	1.3	1.4	1.61	0.065	0.09	< 0.02	0.44	0.08	< 0.02	0.81	118	9.4	18.2	2.2	7.63	1.5	0.4	1.4	0.2	1.04	0.2	0.5	< 0.1
A300749	5.95	1.5	1.3	0.65	0.033	0.11	< 0.02	0.40	0.09	< 0.02	0.73	78.1	8.4	15.9	1.9	6.76	1.3	0.3	1.2	0.2	0.964	0.2	0.5	< 0.1
A300750	6.84	3.2	3.3	0.79	0.198	0.08	0.02	0.55	0.14	0.02	1.76	157	7.0	13.9	1.7	6.27	1.3	0.4	1.3	0.2	1.08	0.2	0.6	< 0.1
A300751	7.49	0.5	1.4	0.86	0.218	0.15	0.03	1.07	0.16	< 0.02	1.51	209	12.0	23.2	2.7	9.56	1.9	0.4	1.6	0.2	1.27	0.3	0.6	< 0.1
A300752	9.60	1.6	1.3	0.82	0.114	0.08	0.02	0.38	0.29	< 0.02	1.32	178	9.3	22.3	2.4	9.15	2.0	0.5	1.9	0.3	1.55	0.3	0.8	0.1
A300753	3.67	3.0	2.2	1.51	0.341	0.18	0.03	0.62	0.40	0.03	1.20	77.3	6.9	13.3	1.6	5.36	1.0	0.2	0.8	0.1	0.675	0.1	0.3	< 0.1
A300754	4.86	0.8	1.0	0.37	0.103	0.07	< 0.02	0.29	0.08	< 0.02	0.43	70.7	7.2	13.1	1.6	5.57	1.1	0.3	1.0	0.1	0.784	0.2	0.4	< 0.1
A300755	4.66	1.1	1.3	0.76	0.159	0.09	< 0.02	0.41	0.13	< 0.02	0.62	101	7.9	15.5	1.8	6.25	1.2	0.3	1.0	0.1	0.763	0.2	0.4	< 0.1
A300756	11.1	1.1	1.6	1.37	0.454	0.19	0.04	0.51	0.51	0.06	1.40	284	14.2	25.9	3.3	12.1	2.5	0.6	2.4	0.3	1.94	0.4	0.9	0.1
A300757	5.39	3.0	1.6	0.74	0.072	0.16	0.02	0.43	0.23	< 0.02	0.89	102	7.7	14.7	1.7	6.18	1.2	0.3	1.1	0.2	0.916	0.2	0.5	< 0.1
A300758	4.26	0.9	1.2	0.74	0.046	0.13	0.03	0.34	0.33	< 0.02	0.83	99.7	6.5	12.6	1.5	5.20	1.0	0.3	0.9	0.1	0.719	0.1	0.4	< 0.1
A300759	4.10	1.1	1.5	0.71	0.087	0.13	0.03	0.57	0.31	< 0.02	1.06	92.3	7.9	15.6	1.8	6.44	1.2	0.3	1.0	0.1	0.730	0.1	0.4	< 0.1
A300760	4.04	2.6	1.5	1.01	0.107	0.24	< 0.02	0.56	0.35	< 0.02	0.71	118	5.8	11.4	1.3	4.56	0.9	0.2	0.8	0.1	0.667	0.1	0.4	< 0.1
A300761	8.49	1.8	1.7	3.63	0.190	0.20	0.02	0.41	0.26	< 0.02	1.09	127	9.3	17.2	2.3	8.40	1.7	0.4	1.6	0.2	1.36	0.3	0.7	0.1
A300762	9.74	1.2	1.0	2.48	0.127	0.13	< 0.02	0.29	0.23	0.02	0.89	102	9.8	18.3	2.4	8.74	1.8	0.5	1.8	0.3	1.45	0.3	0.8	0.1
A300763	5.14	2.5	1.4	0.65	0.155	0.14	0.02	0.39	0.16	< 0.02	0.82	81.1	6.8	13.9	1.6	5.87	1.2	0.3	1.0	0.2	0.886	0.2	0.5	< 0.1
A300764	6.24	1.3	1.3	0.86	0.190	0.19	0.03	0.45	0.31	< 0.02	1.14	105	13.2	25.3	3.1	10.7	2.0	0.4	1.7	0.2	1.10	0.2	0.5	< 0.1
A300765	13.8	0.9	1.2	1.14	0.310	0.32	0.03	1.52	0.27	0.03	0.94	207	13.9	25.7	3.4	12.6	2.6	0.6	2.6	0.4	2.11	0.4	1.1	0.2
A300766	5.79	1.0	1.4	0.78	0.182	0.10	0.02	0.45	0.27	0.02	0.67	113	11.7	23.4	2.8	9.73	1.8	0.4	1.5	0.2	1.03	0.2	0.5	< 0.1
A300767	5.59	5.1	1.6	0.78	0.118	0.15	0.02	0.44	0.25	< 0.02	0.98	107	7.4	14.9	1.7	6.24	1.3	0.3	1.1	0.2	0.944	0.2	0.5	< 0.1
A300768	4.53	0.9	1.0	0.73	0.163	0.10	0.03	0.40	0.37	0.02	1.40	116	7.2	14.4	1.7	5.95	1.1	0.3	1.0	0.1	0.782	0.2	0.4	< 0.1
A300769	4.98	1.6	2.3	1.09	0.247	0.14	0.03	0.54	0.16	< 0.02	1.27	126	6.7	13.3	1.6	5.74	1.2	0.3	1.1	0.2	0.882	0.2	0.5	< 0.1
A300770	4.64	3.4	1.6	0.84	0.054	0.07	< 0.02	0.56	0.17	< 0.02	0.78	93.6	6.8	13.8	1.6	5.89	1.1	0.3	1.0	0.1	0.808	0.2	0.4	< 0.1

Analyte Symbol	Y	Zr	Nb	Mo	Ag	Cd	In	Sn	Sb	Te	Cs	Ba	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.01	0.1	0.1	0.01	0.002	0.01	0.02	0.05	0.02	0.02	0.02	0.5	0.5	0.01	0.1	0.02	0.1	0.1	0.1	0.1	0.001	0.1	0.1	0.1
Analysis Method	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
A300771	5.07	2.4	1.4	2.36	0.066	0.09	0.02	0.49	0.32	< 0.02	0.75	66.9	9.5	19.1	2.3	8.04	1.5	0.4	1.3	0.2	0.908	0.2	0.5	< 0.1
A300772	4.67	1.3	1.3	0.53	0.057	0.11	0.02	0.38	0.21	< 0.02	0.60	92.4	7.6	14.8	1.7	6.05	1.2	0.3	1.0	0.1	0.812	0.2	0.4	< 0.1
A300773	5.37	2.7	1.5	0.85	0.258	0.17	0.02	0.45	0.17	< 0.02	1.25	123	7.8	15.6	1.9	6.54	1.3	0.3	1.2	0.2	0.957	0.2	0.5	< 0.1
A300774	6.47	3.5	1.2	0.55	0.031	0.06	< 0.02	0.31	0.21	< 0.02	0.77	90.4	8.7	17.2	2.1	7.44	1.5	0.4	1.4	0.2	1.12	0.2	0.6	< 0.1
A300775	7.27	1.9	1.1	0.63	0.015	0.06	< 0.02	0.30	0.13	< 0.02	0.49	69.7	9.2	17.7	2.1	7.64	1.5	0.4	1.5	0.2	1.23	0.2	0.6	< 0.1
A300776	25.5	0.9	0.6	1.86	0.608	0.41	0.02	0.23	0.07	< 0.02	0.74	178	20.2	26.5	5.2	20.1	4.4	1.1	4.5	0.6	3.74	0.8	2.0	0.3
A300777	7.19	0.9	1.0	0.69	0.060	0.14	< 0.02	0.34	0.07	< 0.02	0.64	96.6	8.8	16.5	2.1	7.62	1.5	0.4	1.4	0.2	1.16	0.2	0.7	< 0.1
A300778	6.36	0.7	1.1	0.55	0.076	0.13	< 0.02	0.49	0.14	< 0.02	0.95	145	10.1	19.4	2.3	8.01	1.5	0.4	1.4	0.2	1.08	0.2	0.6	< 0.1
A300779	6.10	1.3	1.3	0.50	0.091	0.10	< 0.02	0.45	0.08	< 0.02	1.03	97.4	8.4	16.4	2.0	7.16	1.4	0.3	1.3	0.2	1.00	0.2	0.5	< 0.1
A300780	4.61	1.1	1.3	0.57	0.092	0.06	< 0.02	0.39	0.11	< 0.02	0.74	79.7	7.1	14.1	1.7	6.00	1.2	0.3	1.0	0.1	0.786	0.2	0.4	< 0.1
A300781	5.46	1.5	1.3	0.41	0.082	0.07	< 0.02	0.38	0.07	< 0.02	0.65	76.9	7.9	15.5	1.9	6.68	1.3	0.3	1.2	0.2	0.916	0.2	0.5	< 0.1
A300782	6.53	0.8	1.2	0.54	0.085	0.10	< 0.02	0.41	0.18	< 0.02	0.87	122	8.8	16.7	2.0	7.24	1.4	0.4	1.4	0.2	1.06	0.2	0.5	< 0.1
A300783	4.79	3.2	1.6	0.93	0.103	0.15	0.03	0.47	0.26	< 0.02	1.06	101	9.3	18.0	2.1	7.30	1.4	0.3	1.2	0.2	0.865	0.2	0.4	< 0.1
A300784	5.47	1.2	0.9	0.56	0.046	0.24	0.03	0.35	0.25	< 0.02	0.81	106	8.8	16.7	2.0	7.13	1.4	0.3	1.2	0.2	0.916	0.2	0.5	< 0.1
A300785	5.04	0.8	1.0	0.78	0.203	0.18	0.03	0.40	0.36	0.02	1.21	146	6.6	13.4	1.6	5.76	1.2	0.3	1.1	0.2	0.929	0.2	0.5	< 0.1
A300786	4.07	2.3	1.2	1.26	0.131	0.21	0.03	0.52	0.40	0.03	1.14	103	8.4	16.4	1.9	6.61	1.3	0.3	1.0	0.1	0.782	0.1	0.4	< 0.1
A300787	3.48	1.4	1.1	0.57	0.024	0.09	< 0.02	0.35	0.18	< 0.02	0.69	65.3	6.4	12.4	1.4	4.82	0.9	0.2	0.8	0.1	0.609	0.1	0.3	< 0.1

Analyte Symbol	Yb	Lu	Hf	Ta	W	Re	Au	Tl	Pb	Th	U
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm
Detection Limit	0.1	0.1	0.1	0.05	0.1	0.001	0.5	0.02	0.01	0.1	0.1
Analysis Method	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
A300719	0.4	< 0.1	< 0.1	< 0.05	< 0.1	0.001	4.0	0.04	3.64	0.3	0.7
A300720	0.4	< 0.1	< 0.1	< 0.05	0.3	< 0.001	3.5	0.05	7.50	0.9	0.5
A300721	0.4	< 0.1	< 0.1	< 0.05	0.1	< 0.001	1.3	0.05	3.70	0.9	0.5
A300722	0.3	< 0.1	< 0.1	< 0.05	0.1	< 0.001	2.5	0.05	4.72	1.3	0.4
A300723	0.4	< 0.1	< 0.1	< 0.05	0.1	< 0.001	1.4	0.06	5.30	1.2	0.4
A300724	0.3	< 0.1	< 0.1	< 0.05	0.1	< 0.001	< 0.5	0.05	4.86	0.7	0.4
A300725	0.3	< 0.1	< 0.1	< 0.05	0.1	< 0.001	< 0.5	0.04	4.10	0.9	0.3
A300726	0.3	< 0.1	< 0.1	< 0.05	0.1	< 0.001	161	0.03	3.45	1.3	0.3
A300727	0.4	< 0.1	< 0.1	< 0.05	0.1	0.001	1.5	0.04	4.42	1.3	0.5
A300728	0.8	0.1	< 0.1	< 0.05	0.2	< 0.001	1.0	0.08	6.66	0.5	1.9
A300729	0.3	< 0.1	< 0.1	< 0.05	0.2	< 0.001	1.3	0.03	4.35	1.4	0.4
A300730	0.7	0.1	< 0.1	< 0.05	0.1	< 0.001	1.7	0.04	3.69	0.9	0.8
A300731	0.3	< 0.1	< 0.1	< 0.05	0.6	< 0.001	4.2	0.05	5.24	1.8	0.5
A300732	0.3	< 0.1	< 0.1	< 0.05	0.5	< 0.001	1.3	0.05	6.88	2.4	0.4
A300733	0.3	< 0.1	< 0.1	< 0.05	0.2	< 0.001	1.1	0.05	11.1	0.5	0.4
A300734	0.3	< 0.1	< 0.1	< 0.05	0.6	< 0.001	2.4	0.04	11.9	2.0	0.5
A300735	0.4	< 0.1	< 0.1	< 0.05	0.2	< 0.001	1.1	0.07	8.69	4.5	0.6
A300736	0.4	< 0.1	< 0.1	< 0.05	0.3	< 0.001	0.9	0.04	4.78	1.9	0.4
A300737	0.4	< 0.1	< 0.1	< 0.05	0.2	< 0.001	0.9	0.05	6.03	1.9	0.4
A300738	0.3	< 0.1	< 0.1	< 0.05	0.2	< 0.001	3.4	0.04	5.49	1.8	0.4
A300739	0.4	< 0.1	< 0.1	< 0.05	0.2	< 0.001	2.1	0.04	6.76	1.8	0.4
A300740	0.3	< 0.1	< 0.1	< 0.05	0.3	0.001	2.6	0.04	5.75	1.5	0.3
A300741	0.3	< 0.1	< 0.1	< 0.05	0.3	< 0.001	3.4	0.03	5.09	1.2	0.3
A300742	0.4	< 0.1	< 0.1	< 0.05	0.3	< 0.001	3.6	0.04	4.86	1.7	0.4
A300743	0.4	< 0.1	< 0.1	< 0.05	0.3	< 0.001	0.9	0.05	9.64	1.3	0.2
A300744	0.7	< 0.1	< 0.1	< 0.05	0.1	< 0.001	< 0.5	0.06	6.43	0.8	0.5
A300745	0.6	< 0.1	< 0.1	< 0.05	0.1	< 0.001	< 0.5	0.05	6.51	1.3	0.5
A300746	0.5	< 0.1	< 0.1	< 0.05	0.1	< 0.001	< 0.5	0.05	4.93	1.1	0.4
A300747	0.4	< 0.1	< 0.1	< 0.05	0.1	< 0.001	< 0.5	0.03	3.30	1.3	0.4
A300748	0.4	< 0.1	< 0.1	< 0.05	0.1	0.001	< 0.5	0.05	4.83	1.1	0.5
A300749	0.4	< 0.1	< 0.1	< 0.05	0.1	< 0.001	< 0.5	0.03	3.49	1.1	0.7
A300750	0.4	< 0.1	< 0.1	< 0.05	0.1	< 0.001	< 0.5	0.07	5.32	1.1	0.5
A300751	0.4	< 0.1	< 0.1	< 0.05	0.1	< 0.001	0.9	0.09	6.10	0.6	1.0
A300752	0.6	< 0.1	< 0.1	< 0.05	0.2	< 0.001	1.7	0.06	4.05	1.4	1.4
A300753	0.3	< 0.1	< 0.1	< 0.05	0.3	< 0.001	1.7	0.05	7.57	1.7	0.4
A300754	0.3	< 0.1	< 0.1	< 0.05	0.3	< 0.001	0.6	0.04	3.77	0.6	0.4
A300755	0.3	< 0.1	< 0.1	< 0.05	0.2	< 0.001	1.8	0.05	4.88	1.0	0.5
A300756	0.7	< 0.1	< 0.1	< 0.05	0.2	< 0.001	2.1	0.10	7.19	1.1	1.4
A300757	0.3	< 0.1	< 0.1	< 0.05	0.2	< 0.001	0.8	0.04	5.01	1.6	0.5
A300758	0.3	< 0.1	< 0.1	< 0.05	0.2	< 0.001	2.2	0.04	5.09	1.5	0.3
A300759	0.3	< 0.1	< 0.1	< 0.05	0.2	0.001	1.9	0.07	6.94	1.7	0.3
A300760	0.3	< 0.1	< 0.1	< 0.05	0.2	< 0.001	< 0.5	0.06	5.61	1.1	0.3
A300761	0.6	< 0.1	< 0.1	< 0.05	0.2	0.001	0.9	0.04	4.78	1.2	0.7
A300762	0.6	< 0.1	< 0.1	< 0.05	0.2	0.001	3.7	0.04	3.50	1.1	0.5
A300763	0.4	< 0.1	< 0.1	< 0.05	0.2	0.001	1.3	0.04	4.39	1.3	0.4
A300764	0.4	< 0.1	< 0.1	< 0.05	0.2	< 0.001	0.8	0.05	5.86	2.6	0.5
A300765	0.9	0.1	< 0.1	< 0.05	0.2	< 0.001	0.9	0.06	6.54	0.8	1.5
A300766	0.4	< 0.1	< 0.1	< 0.05	0.1	0.001	1.5	0.05	5.95	1.2	0.4
A300767	0.4	< 0.1	< 0.1	< 0.05	0.2	< 0.001	0.9	0.04	5.13	1.7	0.4
A300768	0.3	< 0.1	< 0.1	< 0.05	0.2	< 0.001	< 0.5	0.06	4.95	1.7	0.3
A300769	0.3	< 0.1	< 0.1	< 0.05	0.2	< 0.001	0.8	0.04	6.41	1.4	0.3
A300770	0.3	< 0.1	< 0.1	< 0.05	0.2	0.001	0.6	0.05	5.13	1.5	0.3

Analyte Symbol	Yb	Lu	Hf	Ta	W	Re	Au	Tl	Pb	Th	U
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm
Detection Limit	0.1	0.1	0.1	0.05	0.1	0.001	0.5	0.02	0.01	0.1	0.1
Analysis Method	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
A300771	0.4	< 0.1	< 0.1	< 0.05	0.1	< 0.001	6.9	0.04	4.90	1.8	0.3
A300772	0.3	< 0.1	< 0.1	< 0.05	0.2	0.001	< 0.5	0.03	4.61	3.2	0.7
A300773	0.4	< 0.1	< 0.1	< 0.05	0.2	0.001	0.8	0.06	5.40	1.9	0.3
A300774	0.5	< 0.1	< 0.1	< 0.05	0.2	0.001	3.2	0.04	3.65	1.8	0.5
A300775	0.5	< 0.1	< 0.1	< 0.05	0.1	< 0.001	1.9	0.02	2.82	1.4	0.5
A300776	1.6	0.2	< 0.1	< 0.05	< 0.1	0.002	1.9	0.05	4.93	0.3	7.9
A300777	0.5	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 0.5	0.04	3.28	0.5	0.9
A300778	0.4	< 0.1	< 0.1	< 0.05	0.1	< 0.001	1.1	0.06	7.25	0.6	0.5
A300779	0.4	< 0.1	< 0.1	< 0.05	0.1	< 0.001	0.7	0.05	4.06	0.9	0.5
A300780	0.3	< 0.1	< 0.1	< 0.05	0.1	< 0.001	1.0	0.05	4.10	0.4	0.5
A300781	0.4	< 0.1	< 0.1	< 0.05	0.1	0.001	< 0.5	0.05	3.88	1.0	0.4
A300782	0.4	< 0.1	< 0.1	< 0.05	0.1	< 0.001	< 0.5	0.05	3.74	0.6	0.5
A300783	0.3	< 0.1	< 0.1	< 0.05	0.2	< 0.001	0.7	0.05	4.92	2.2	0.4
A300784	0.4	< 0.1	< 0.1	< 0.05	0.2	< 0.001	1.8	0.05	4.51	1.4	0.4
A300785	0.4	< 0.1	< 0.1	< 0.05	0.2	< 0.001	< 0.5	0.08	9.68	1.6	0.4
A300786	0.3	< 0.1	< 0.1	< 0.05	0.3	< 0.001	0.5	0.07	7.18	2.4	0.5
A300787	0.3	< 0.1	< 0.1	< 0.05	0.2	< 0.001	1.1	0.04	4.08	1.3	0.3

Quality Control

Analyte Symbol	Li	Be	B	Na	Mg	Al	K	Bi	Ca	Sc	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Rb	Sr
Unit Symbol	ppm	ppm	ppm	%	%	%	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.1	0.1	1	0.001	0.01	0.01	0.01	0.02	0.01	0.1	1	0.5	1	0.01	0.1	0.1	0.01	0.1	0.02	0.1	0.1	0.1	0.1	0.5
Analysis Method	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
GXR-1 Meas	7.3	1.1	15	0.054	0.19	0.41	0.04	1370	1.00	1.7	92	9.6	918	26.9	9.0	48.3	1200	768	5.14		507	16.5	2.8	207
GXR-1 Cert	8.20	1.22	15.0	0.0520	0.217	3.52	0.0500	1380	0.960	1.58	80.0	12.0	852	23.6	8.20	41.0	1110	760	13.8		427	16.6	14.0	275
GXR-4 Meas	10.3	1.6	3	0.128	1.61	2.74	1.71	19.0	0.90	6.8	83	58.2	142	2.85	14.2	42.9	5900	69.1	11.9		110	5.1	103	74.6
GXR-4 Cert	11.1	1.90	4.50	0.564	1.66	7.20	4.01	19.0	1.01	7.70	87.0	64.0	155	3.09	14.6	42.0	6520	73.0	20.0		98.0	5.60	160	221
GXR-2 Meas	55.0	1.2	20	0.152	0.52	3.52	0.66	0.28	0.77	5.2	49	26.5	1010	1.86	9.1	20.1	93.2	541	10.7		15.3	0.3	61.0	95.6
GXR-2 Cert	54.0	1.70	42.0	0.556	0.850	16.5	1.37	0.690	0.930	6.88	52.0	36.0	1010	1.86	8.60	21.0	76.0	530	37.0		25.0	0.610	78.0	160
GXR-6 Meas	29.2	1.0	4	0.072	0.41	7.49	1.17	0.13	0.17	24.9	169	81.2	1010	5.44	13.6	25.7	74.2	118	16.6		261	0.3	73.4	35.1
GXR-6 Cert	32.0	1.40	9.80	0.104	0.609	17.7	1.87	0.290	0.180	27.6	186	96.0	1010	5.58	13.8	27.0	66.0	118	35.0		330	0.940	90.0	35.0
OREAS 13P Meas														5.24		2060	2410							
OREAS 13P Cert														7.58		2260	2500							
A300731 Orig	17.6	0.8	1	0.021	0.41	4.60	0.04	0.03	0.29	4.0	147	51.3	413	5.01	11.1	16.6	28.7	60.9	7.74	< 0.1	7.4	0.4	7.7	22.7
A300731 Dup	21.8	0.8	2	0.026	0.47	5.15	0.05	0.04	0.40	5.7	165	61.4	469	5.62	12.5	19.0	31.2	71.4	8.72	< 0.1	8.4	0.4	10.2	31.4
A300745 Orig	18.8	0.6	2	0.037	0.67	2.22	0.08	0.04	1.04	5.3	124	46.1	568	3.43	15.1	23.6	62.3	81.1	7.78	< 0.1	3.1	0.3	9.1	56.9
A300745 Dup	19.3	0.7	2	0.037	0.67	2.22	0.08	0.04	1.06	5.4	127	47.9	556	3.45	15.0	24.2	62.9	83.2	7.96	< 0.1	3.0	0.2	9.1	55.9
A300758 Orig	14.7	0.5	2	0.022	0.49	2.62	0.05	< 0.02	0.44	4.1	107	46.4	291	3.24	9.9	24.3	24.8	60.6	5.86	< 0.1	6.6	0.2	7.3	35.6
A300758 Dup	15.2	0.5	2	0.024	0.51	2.70	0.05	< 0.02	0.47	4.3	111	46.6	298	3.31	10.2	25.2	25.8	59.1	6.02	< 0.1	6.5	0.2	7.5	36.9
A300772 Orig	12.7	0.4	2	0.025	0.36	1.91	0.04	< 0.02	0.61	4.0	110	41.4	199	3.10	7.6	16.5	14.5	45.2	6.46	< 0.1	3.3	0.2	7.2	46.3
A300772 Dup	12.1	0.3	3	0.026	0.34	1.85	0.04	< 0.02	0.59	3.7	104	39.2	188	2.92	7.3	15.5	13.8	44.5	6.15	< 0.1	3.4	0.1	7.0	45.1
Method Blank Method Blank	< 0.1	< 0.1	< 1	< 0.001	< 0.01	< 0.01	< 0.01	< 0.02	< 0.01	< 0.1	< 1	< 0.5	< 1	< 0.01	< 0.1	< 0.1	< 0.01	< 0.1	< 0.02	< 0.1	< 0.1	< 0.1	< 0.1	< 0.5

Quality Control

Analyte Symbol	Y	Zr	Nb	Mo	Ag	Cd	In	Sn	Sb	Te	Cs	Ba	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.01	0.1	0.1	0.01	0.002	0.01	0.02	0.05	0.02	0.02	0.02	0.5	0.5	0.01	0.1	0.02	0.1	0.1	0.1	0.1	0.001	0.1	0.1	0.1
Analysis Method	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
GXR-1 Meas	35.5	13.6	0.2	20.4	30.6	2.73	0.95	29.6	101	13.3	3.05	230	6.5	13.5		7.12	2.6	0.6	4.1	0.8	5.19			0.4
GXR-1 Cert	32.0	38.0	0.800	18.0	31.0	3.30	0.770	54.0	122	13.0	3.00	750	7.50	17.0		18.0	2.70	0.690	4.20	0.830	4.30			0.430
GXR-4 Meas	14.1	10.4	0.3	308	3.22	0.07	0.24	5.94	3.18	0.74	2.47	32.7	48.5	80.7		36.2	5.8	1.3	4.3	0.5	2.59			0.2
GXR-4 Cert	14.0	186	10.0	310	4.00	0.860	0.270	5.60	4.80	0.970	2.80	1640	64.5	102		45.0	6.60	1.63	5.25	0.360	2.60			0.210
GXR-2 Meas	13.8	10.1	2.5	1.01	17.3	4.17	0.06	1.30	33.8	0.60	4.64	1200	24.1	47.9		18.8	3.5	0.6	3.0	0.4	2.33			0.2
GXR-2 Cert	17.0	269	11.0	2.10	17.0	4.10	0.252	1.70	49.0	0.690	5.20	2240	25.6	51.4		19.0	3.50	0.810	3.30	0.480	3.30			0.300
GXR-6 Meas	8.51	15.7	< 0.1	1.84	0.259	0.10	0.07	1.13	1.94	0.03	3.60	975	12.0	34.0		11.5	2.4	0.6	2.0	0.3	1.59			0.1
GXR-6 Cert	14.0	110	7.50	2.40	1.30	1.00	0.260	1.70	3.60	0.0180	4.20	1300	13.9	36.0		13.0	2.67	0.760	2.97	0.415	2.80			0.0320
OREAS 13P Meas																								
OREAS 13P Cert																								
A300731 Orig	4.10	3.2	2.3	0.95	0.193	0.18	0.03	0.37	0.23	< 0.02	1.06	111	5.3	10.5	1.2	4.39	0.9	0.2	0.9	0.1	0.725	0.1	0.4	< 0.1
A300731 Dup	4.97	2.5	2.3	1.09	0.301	0.20	0.04	0.45	0.26	< 0.02	1.35	130	5.9	11.8	1.4	5.19	1.1	0.3	1.1	0.2	0.902	0.2	0.4	< 0.1
A300745 Orig	9.06	1.7	1.8	0.96	0.465	0.28	0.03	0.50	0.21	< 0.02	1.10	91.8	10.0	19.7	2.4	8.64	1.8	0.5	1.7	0.2	1.39	0.3	0.7	0.1
A300745 Dup	9.04	1.7	1.7	0.98	0.463	0.29	0.03	0.49	0.20	< 0.02	1.10	92.9	10.1	20.2	2.5	9.07	1.8	0.5	1.8	0.2	1.39	0.3	0.7	0.1
A300758 Orig	4.21	0.9	1.2	0.74	0.048	0.13	0.03	0.32	0.33	< 0.02	0.82	96.8	6.4	12.2	1.4	5.02	1.0	0.3	0.9	0.1	0.714	0.1	0.4	< 0.1
A300758 Dup	4.32	1.0	1.1	0.75	0.045	0.14	0.03	0.36	0.34	0.03	0.83	103	6.7	13.0	1.5	5.38	1.0	0.3	0.9	0.1	0.723	0.1	0.4	< 0.1
A300772 Orig	4.78	1.2	1.3	0.54	0.056	0.10	0.02	0.38	0.22	< 0.02	0.62	94.3	8.1	15.7	1.8	6.36	1.3	0.3	1.1	0.2	0.845	0.2	0.5	< 0.1
A300772 Dup	4.57	1.3	1.3	0.52	0.058	0.11	0.02	0.39	0.20	< 0.02	0.59	90.6	7.1	13.9	1.6	5.73	1.1	0.3	1.0	0.1	0.779	0.2	0.4	< 0.1
Method Blank Method Blank	< 0.01	< 0.1	< 0.1	< 0.01	< 0.002	< 0.01	< 0.02	< 0.05	< 0.02	< 0.02	< 0.02	< 0.5	< 0.5	< 0.01	< 0.1	< 0.02	< 0.1	< 0.1	< 0.1	< 0.1	< 0.001	< 0.1	< 0.1	< 0.1

Quality Control

Analyte Symbol	Yb	Lu	Hf	Ta	W	Re	Au	Tl	Pb	Th	U
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm
Detection Limit	0.1	0.1	0.1	0.05	0.1	0.001	0.5	0.02	0.01	0.1	0.1
Analysis Method	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
GXR-1 Meas	2.3	0.3	0.2	< 0.05	165			0.45	703	2.3	33.9
GXR-1 Cert	1.90	0.280	0.960	0.175	164			0.390	730	2.44	34.9
GXR-4 Meas	0.9	0.1	0.3	< 0.05	11.7			3.18	50.0	18.5	4.9
GXR-4 Cert	1.60	0.170	6.30	0.790	30.8			3.20	52.0	22.5	6.20
GXR-2 Meas	0.8	< 0.1	< 0.1	< 0.05	0.2			0.79	654	5.5	1.7
GXR-2 Cert	2.04	0.270	8.30	0.900	1.90			1.03	690	8.80	2.90
GXR-6 Meas	0.6	< 0.1	0.3	< 0.05	< 0.1			1.96	103	4.5	0.8
GXR-6 Cert	2.40	0.330	4.30	0.485	1.90			2.20	101	5.30	1.54
OREAS 13P Meas											
OREAS 13P Cert											
A300731 Orig	0.3	< 0.1	< 0.1	< 0.05	0.9	< 0.001	2.4	0.04	5.09	1.6	0.4
A300731 Dup	0.3	< 0.1	< 0.1	< 0.05	0.3	< 0.001	6.0	0.05	5.39	1.9	0.5
A300745 Orig	0.6	< 0.1	< 0.1	< 0.05	0.1	< 0.001	< 0.5	0.05	6.40	1.3	0.5
A300745 Dup	0.6	< 0.1	< 0.1	< 0.05	0.1	< 0.001	0.7	0.05	6.63	1.4	0.5
A300758 Orig	0.3	< 0.1	< 0.1	< 0.05	0.2	< 0.001	1.0	0.04	5.25	1.4	0.3
A300758 Dup	0.3	< 0.1	< 0.1	< 0.05	0.2	< 0.001	3.5	0.04	4.93	1.5	0.4
A300772 Orig	0.4	< 0.1	< 0.1	< 0.05	0.2	0.001	0.9	0.03	4.86	5.1	1.0
A300772 Dup	0.3	< 0.1	< 0.1	< 0.05	0.2	0.001	< 0.5	0.03	4.36	1.3	0.4
Method Blank Method Blank	< 0.1	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 0.5	< 0.02	< 0.01	< 0.1	< 0.1

Quality Analysis ... *Innovative Technologies*

Date Submitted: 06-Aug-09
Invoice No.: A09-4262
Invoice Date: 31-Aug-09
Your Reference: Mt. Milligan

Terrane Metals Corp
1500-999 West Hastings Street
Vancouver BC V6C 2W2
Canada

ATTN: VP Exploration Darren O'brien

CERTIFICATE OF ANALYSIS

161 Soil samples were submitted for analysis.

The following analytical package was requested: Code UT-1-0.5g Aqua Regia ICP/MS

REPORT **A09-4262**

Notes:
Assays are recommended for values >10,000 for Cu and Au.

CERTIFIED BY :

Eric Hoffman, Ph.D.
President/General Manager

ACTIVATION LABORATORIES LTD.

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SCC Accredited LAB 265
LAB 266 Accrédité CCN

Analyte Symbol	Li	Be	B	Na	Mg	Al	K	Bi	Ca	Sc	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Rb	Sr
Unit Symbol	ppm	ppm	ppm	%	%	%	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.1	0.1	1	0.001	0.01	0.01	0.01	0.02	0.01	0.1	1	0.5	1	0.01	0.1	0.1	0.01	0.1	0.02	0.1	0.1	0.1	0.1	0.5
Analysis Method	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
A300788	19.8	0.3	4	0.023	0.82	2.20	0.06	0.13	0.68	6.2	186	57.7	825	4.72	13.2	20.3	31.4	179	13.6	0.1	5.6	0.8	17.7	105
A300789	10.5	0.2	3	0.026	0.69	1.97	0.05	0.09	0.61	5.6	123	52.7	315	3.39	8.2	18.5	29.3	57.3	9.23	< 0.1	2.9	0.6	11.6	73.7
A300790	11.9	0.3	3	0.022	0.52	1.87	0.10	0.14	0.82	4.0	139	50.9	323	3.82	8.7	16.6	33.2	91.8	8.58	< 0.1	7.9	0.8	20.7	82.5
A300791	20.8	0.9	4	0.033	0.74	2.53	0.09	0.13	1.69	3.8	87	60.1	741	3.11	11.6	32.8	135	110	6.41	0.1	11.2	2.3	19.4	121
A300792	23.1	0.3	5	0.045	0.76	1.76	0.07	0.07	1.32	5.9	95	53.5	430	2.91	11.2	24.9	36.9	56.2	5.60	0.1	3.1	1.1	11.3	117
A300793	17.4	0.4	4	0.028	0.63	2.11	0.05	0.11	0.86	6.9	108	50.2	466	2.95	10.7	19.0	41.1	81.9	8.82	< 0.1	5.1	0.6	8.8	85.6
A300794	24.0	0.6	5	0.034	1.11	2.59	0.09	0.09	1.53	7.5	119	71.0	565	3.67	15.5	39.9	100	76.6	8.77	0.1	13.4	1.0	14.9	90.1
A300795	22.6	0.8	5	0.031	1.16	3.20	0.14	0.12	1.51	9.1	135	86.7	1110	4.40	21.5	48.7	135	107	9.79	0.1	12.2	1.0	25.3	87.0
A300796	19.9	0.5	5	0.036	0.74	2.25	0.06	0.08	1.32	6.3	100	66.7	408	2.86	12.6	24.4	38.1	53.8	6.99	0.1	9.2	1.1	7.5	84.3
A300797	14.8	0.4	7	0.029	0.51	1.99	0.05	0.10	0.98	4.4	102	48.0	468	2.66	9.2	17.1	19.8	55.5	8.90	0.1	3.7	0.7	9.2	78.4
A300798	12.1	0.3	4	0.028	0.53	1.68	0.06	0.09	0.99	4.4	88	43.6	469	2.45	8.0	16.2	18.6	47.7	7.41	< 0.1	3.5	0.6	12.8	82.8
A300799	16.4	0.3	4	0.028	0.56	1.87	0.06	0.12	0.77	4.0	112	48.0	261	3.02	7.7	17.2	23.3	55.8	8.53	< 0.1	4.4	0.9	11.2	73.9
A300800	13.4	0.4	6	0.048	0.82	1.73	0.08	0.09	1.38	7.0	108	62.2	554	3.11	13.1	29.7	63.0	48.8	6.23	0.1	6.2	1.0	10.9	96.9
A300801	11.6	0.3	3	0.026	0.35	1.82	0.03	0.07	1.31	4.4	102	43.5	151	2.52	5.4	13.5	35.1	30.1	8.66	0.1	4.0	1.3	4.5	80.6
A300802	19.9	0.4	5	0.046	0.76	1.79	0.06	0.07	1.59	5.3	93	57.8	564	2.93	13.7	30.2	102	42.9	6.05	0.1	4.6	1.9	11.5	97.0
A300803	21.2	0.5	7	0.041	1.03	2.31	0.06	0.07	1.54	9.9	113	76.8	455	3.43	16.6	46.3	111	53.8	7.22	0.1	5.8	1.4	11.8	100
A300804	19.4	0.3	4	0.031	0.67	2.16	0.05	0.10	0.74	5.4	110	56.5	371	3.20	13.1	23.9	27.8	67.3	8.33	< 0.1	5.2	0.8	7.5	69.8
A300805	16.8	0.3	4	0.026	0.53	2.22	0.05	0.11	0.54	5.2	137	54.8	230	4.11	7.4	17.0	17.5	56.3	10.3	0.1	11.3	0.8	10.2	56.1
A300806	8.1	0.4	5	0.034	0.51	1.31	0.09	0.23	1.19	6.2	74	43.1	525	3.52	11.9	33.5	50.0	225	3.52	0.1	21.8	2.0	13.0	78.4
A300807	24.4	0.5	5	0.029	0.89	2.52	0.08	0.07	1.09	5.6	111	48.1	524	3.37	14.0	24.8	90.7	80.3	8.14	0.1	4.2	0.8	14.3	79.2
A300808	16.2	0.3	4	0.027	0.67	2.41	0.05	0.08	0.61	6.2	121	63.3	328	3.62	9.5	21.4	24.3	64.5	9.71	< 0.1	3.4	0.8	11.2	70.8
A300809	17.7	0.4	8	0.035	0.68	1.92	0.05	0.07	1.16	5.6	100	52.4	543	2.54	10.1	20.1	32.7	57.1	7.09	< 0.1	2.5	0.7	9.8	91.4
A300810	10.1	0.4	6	0.034	0.61	1.65	0.04	0.06	1.04	4.8	92	48.9	466	2.50	10.1	19.7	34.2	42.3	5.83	< 0.1	4.2	0.7	8.2	87.2
A300811	10.7	0.4	5	0.032	0.65	1.74	0.05	0.06	0.84	4.9	83	49.0	288	2.51	8.5	20.1	22.0	42.4	6.44	< 0.1	5.5	0.7	9.2	77.5
A300812	12.8	0.2	3	0.024	0.59	2.03	0.04	0.08	0.50	5.8	139	40.0	243	3.65	8.4	14.5	31.5	42.7	9.18	< 0.1	4.2	0.6	8.3	56.4
A300813	9.6	0.3	4	0.025	0.30	1.42	0.04	0.08	1.22	3.3	76	34.1	186	1.90	5.0	10.4	18.0	50.6	6.78	< 0.1	1.9	0.6	5.3	77.2
A300814	11.8	0.2	4	0.025	0.35	1.71	0.05	0.10	0.69	3.9	69	30.4	158	1.58	4.8	9.2	16.3	34.7	8.63	< 0.1	2.7	0.6	8.6	73.5
A300815	14.1	0.5	4	0.033	0.49	2.49	0.05	0.07	0.62	4.9	114	48.9	246	3.37	8.8	21.5	28.2	38.2	7.11	< 0.1	5.6	0.8	11.0	59.5
A300816	12.2	0.3	5	0.028	0.39	2.26	0.06	0.09	0.47	4.2	96	48.1	195	3.03	6.5	16.8	17.7	43.0	7.84	< 0.1	4.6	0.5	11.8	47.4
A300817	12.4	0.5	4	0.035	0.51	2.85	0.06	0.06	0.56	5.0	120	55.5	267	3.26	11.8	29.7	33.2	48.4	5.64	< 0.1	6.1	0.7	9.0	53.4
A300818	22.0	0.5	4	0.028	0.51	2.44	0.07	0.10	0.60	5.4	137	50.0	247	4.50	9.6	18.0	28.2	113	8.77	0.1	7.9	0.9	17.6	57.5
A300819	17.7	0.5	6	0.027	0.52	2.21	0.07	0.11	0.67	4.9	122	41.7	258	3.65	10.9	19.5	41.9	97.1	9.63	< 0.1	8.2	0.9	19.3	78.9
A300820	20.2	0.5	5	0.029	0.53	2.35	0.07	0.13	0.61	4.9	132	45.3	284	4.33	12.6	19.9	33.9	153	11.9	0.1	15.2	0.8	15.2	62.4
A300821	30.7	0.5	5	0.032	1.09	2.67	0.07	0.11	0.98	5.3	122	42.9	543	3.92	28.2	33.9	86.0	168	9.65	0.1	5.7	0.7	13.1	63.0
A300822	84.0	0.9	5	0.035	0.54	2.68	0.06	0.13	1.07	6.4	100	54.8	1480	3.29	19.1	111	167	103	7.24	0.1	3.6	1.3	22.6	70.1
A300823	17.2	0.3	5	0.029	0.59	1.93	0.07	0.09	0.85	4.9	81	31.8	225	1.90	6.5	13.8	46.9	80.7	8.57	< 0.1	3.3	0.6	18.7	74.0
A300824	19.0	0.5	3	0.023	0.61	1.89	0.05	0.08	0.61	5.0	117	42.4	276	3.62	9.4	16.2	33.5	57.6	6.88	< 0.1	5.0	0.7	15.4	79.2
A300825	14.4	0.4	8	0.035	0.65	2.20	0.05	0.06	1.21	5.2	99	44.2	293	2.48	9.7	20.6	30.9	62.8	8.95	0.1	4.8	0.8	10.1	87.0
A300826	13.1	0.3	3	0.023	0.36	1.68	0.05	0.12	0.75	4.8	85	31.6	225	2.45	7.9	12.4	23.1	59.0	8.71	< 0.1	1.4	0.5	11.8	84.0
A300827	0.8	0.2	8	0.023	0.17	0.54	0.02	< 0.02	4.56	0.8	12	8.5	265	0.36	1.6	13.8	57.1	8.6	< 0.02	0.2	0.9	1.2	1.7	154
A300828	15.0	0.5	4	0.052	0.89	2.41	0.11	0.07	1.76	7.5	150	45.9	2540	5.45	18.8	30.1	55.8	53.6	6.85	0.2	15.3	1.0	14.1	100
A300829	12.9	0.4	4	0.038	0.73	2.30	0.11	0.08	1.26	5.5	114	48.9	626	3.20	12.9	28.4	55.2	52.1	7.49	0.1	3.4	0.7	15.8	81.6
A300830	12.7	0.5	5	0.042	0.65	2.33	0.12	0.08	1.26	6.3	113	49.6	726	3.08	12.6	29.2	60.0	45.8	7.03	0.1	5.7	0.8	15.4	86.5
A300831	14.6	0.6	5	0.045	0.83	2.81	0.13	0.10	1.43	7.7	132	59.0	1130	3.68	15.8	39.3	73.9	61.6	8.14	0.1	7.2	0.9	18.2	92.1
A300832	15.1	0.6	4	0.041	0.83	2.62	0.14	0.14	1.47	6.7	112	58.3	957	3.58	15.7	39.6	85.7	72.6	8.08	0.1	6.9	0.7	21.2	86.0
A300833	13.6	0.4	4	0.043	0.72	1.81	0.09	0.08	1.08	5.6	98	54.6	475	2.92	11.4	29.6	42.0	46.3	6.21	0.1	4.1	0.6	12.3	76.2
A300834	12.7	0.4	4	0.043	0.68	2.09	0.11	0.10	1.44	6.1	114	51.2	651	3.14	12.6	31.4	69.7	66.3	7.44	0.1	5.9	0.8	18.1	93.5
A300835	12.7	0.4	3	0.043	0.65	2.11	0.10	0.11	1.31	5.1	97	48.3	752	2.96	14.2	26.0	49.6	44.2	6.80	< 0.1	5.5	0.7	17.6	81.0
A300836	10.8	0.4	4	0.041	0.65	2.04	0.10	0.09	1.36	4.5	105	46.3	566	2.72	11.2	23.1	44.9	49.6	7.66	0.1	5.2	0.7	17.4	88.6
A300837	9.6	0.3	4	0.046	0.54	1.57	0.07	0.05	1.12	4.4	83	38.5	302	2.29	8.5	18.8	27.1	31.8	5.60	< 0.1	2.4	0.7	8.1	77.5
A300838	13.2	0.4	4	0.049	0.71	1.96	0.09	0.08	1.32	4.8	126	54.9	581	3.47	14.3	25.1	51.0	48.9	7.21	0.1	3.0	0.8	12.0	82.0
A300839	15.3	0.4	4	0.048	0.81	1.97	0.10	0.08	1.35	5.5	100	44.3	556	2.78	12.5	23.0	39.4	65.4	8.00	0.1	3.4	0.7	21.1	88.9

Analyte Symbol	Li	Be	B	Na	Mg	Al	K	Bi	Ca	Sc	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Rb	Sr
Unit Symbol	ppm	ppm	ppm	%	%	%	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.1	0.1	1	0.001	0.01	0.01	0.01	0.02	0.01	0.1	1	0.5	1	0.01	0.1	0.1	0.01	0.1	0.02	0.1	0.1	0.1	0.1	0.5
Analysis Method	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
A300840	18.3	0.3	3	0.030	0.51	1.60	0.06	0.08	0.70	4.3	142	52.8	293	3.74	10.2	17.6	21.5	59.1	8.31	0.1	4.3	0.7	12.9	56.7
A300841	10.9	0.2	4	0.038	0.40	1.40	0.05	0.06	0.86	3.7	79	33.8	214	1.82	5.6	11.6	10.6	28.8	6.57	< 0.1	1.1	0.6	10.1	73.7
A300842	10.5	0.4	4	0.067	0.74	1.76	0.09	0.07	1.27	5.8	143	61.3	676	3.65	14.4	24.0	32.7	43.1	6.64	0.1	5.2	0.8	15.7	87.8
A300843	13.4	0.5	5	0.053	0.75	2.09	0.12	0.10	1.27	7.1	121	60.4	638	3.70	13.6	39.1	53.8	58.8	6.35	0.1	7.2	1.1	16.4	79.6
A300844	14.0	0.4	4	0.052	0.59	1.68	0.08	0.07	1.29	5.0	122	52.9	479	3.35	11.3	26.9	28.1	42.4	6.08	0.1	2.8	1.2	11.5	69.4
A300845	12.6	0.3	5	0.044	0.60	1.89	0.06	0.06	0.98	4.9	99	42.3	354	2.37	10.7	22.4	23.3	43.0	7.01	< 0.1	2.8	0.6	12.6	77.5
A300846	9.6	0.3	4	0.043	0.50	1.70	0.06	0.05	1.13	3.8	74	33.2	277	1.95	7.2	18.8	20.3	31.0	6.09	< 0.1	1.6	0.6	9.0	74.4
A300847	11.9	0.4	4	0.045	0.52	2.04	0.07	0.08	1.42	5.1	116	40.6	825	2.83	11.9	20.2	35.9	38.5	8.13	0.1	3.2	0.8	11.1	82.8
A300848	10.2	0.3	4	0.042	0.56	1.64	0.07	0.05	1.11	4.7	99	41.3	402	2.64	9.6	20.2	22.7	38.5	6.13	< 0.1	1.3	0.5	12.1	77.1
A300849	13.1	0.6	4	0.039	0.68	2.69	0.08	0.11	1.27	5.5	117	50.9	695	3.47	14.8	30.3	66.5	49.8	9.28	0.1	5.4	0.7	10.1	79.0
A300850	9.5	0.4	5	0.042	0.54	1.86	0.06	0.05	1.08	4.1	86	38.9	267	2.27	8.1	19.2	33.9	30.1	6.55	< 0.1	5.7	0.7	8.3	81.9
A300851	8.3	0.3	4	0.034	0.38	1.68	0.06	0.06	0.77	4.0	100	36.0	221	2.54	6.4	14.5	17.3	36.1	7.58	< 0.1	4.2	0.8	12.2	70.2
A300852	11.7	0.4	4	0.032	0.38	1.90	0.05	0.05	0.74	3.9	123	45.6	229	3.46	7.8	18.5	17.4	37.8	6.54	< 0.1	2.6	0.8	9.7	59.5
A300853	10.4	0.4	4	0.035	0.40	1.85	0.06	0.05	0.77	4.4	90	40.4	223	2.74	7.3	17.4	22.6	31.4	6.79	< 0.1	5.8	0.7	11.0	64.8
A300854	7.0	0.3	3	0.030	0.35	1.49	0.05	0.06	0.74	3.4	73	33.9	212	2.22	6.1	14.0	17.3	28.9	5.58	< 0.1	1.7	0.6	10.3	59.9
A300855	10.5	0.4	4	0.033	0.34	1.80	0.05	0.06	0.77	3.8	109	39.9	242	2.76	7.7	16.9	19.1	30.9	7.19	< 0.1	3.1	0.6	8.5	60.5
A300856	9.0	0.4	3	0.030	0.30	1.89	0.05	0.06	0.64	3.8	86	39.6	198	2.69	6.7	17.0	13.2	37.3	6.03	< 0.1	1.9	0.6	10.8	52.1
A300857	8.5	0.3	4	0.054	0.40	1.66	0.06	0.05	0.79	4.3	94	40.2	218	2.43	7.8	21.1	19.3	28.1	5.53	< 0.1	3.1	0.6	10.5	66.0
A300858	6.9	0.3	3	0.039	0.38	1.45	0.04	0.05	0.90	3.9	76	32.6	191	1.74	5.7	15.2	16.8	25.7	4.89	< 0.1	0.2	0.6	6.9	65.2
A300859	10.3	0.3	3	0.034	0.48	1.69	0.06	0.06	0.78	4.4	85	41.9	263	2.39	7.6	18.1	19.8	36.2	5.74	< 0.1	2.8	0.7	13.9	59.0
A300860	0.2	< 0.1	< 1	0.001	0.01	0.04	< 0.01	< 0.02	0.02	0.2	1	1.9	7	0.06	0.2	0.3	0.16	0.9	0.25	< 0.1	< 0.1	0.3	0.3	1.2
A300861	7.8	0.4	4	0.042	0.54	1.44	0.09	0.07	0.81	4.8	92	63.1	297	2.77	10.8	34.4	42.6	32.9	4.74	< 0.1	7.3	0.5	12.4	63.6
A300862	14.7	0.6	3	0.035	0.52	3.54	0.06	0.10	0.50	6.2	94	59.5	265	3.63	13.2	31.1	43.7	72.8	6.44	0.1	8.4	1.0	10.6	43.8
A300863	6.8	0.2	4	0.040	0.43	1.24	0.05	0.04	1.06	4.0	80	35.2	234	1.84	6.3	16.4	13.6	26.3	4.58	< 0.1	1.1	0.6	7.3	67.7
A300864	9.7	0.3	4	0.043	0.48	1.68	0.06	0.08	1.77	3.8	83	39.5	490	2.30	9.2	17.3	28.5	42.9	6.32	< 0.1	2.7	0.8	12.3	71.5
A300865	9.8	0.4	3	0.053	0.50	1.48	0.06	0.08	1.50	4.8	89	43.0	406	2.52	9.4	22.4	43.4	35.3	4.84	< 0.1	3.9	1.2	9.3	71.5
A300866	9.6	0.4	3	0.039	0.38	1.77	0.05	0.06	0.92	4.1	96	42.4	216	2.76	8.2	18.7	22.2	46.0	6.51	< 0.1	3.4	0.5	8.5	67.0
A300867	15.2	0.4	4	0.036	0.50	2.06	0.06	0.06	0.91	5.0	131	47.8	282	3.44	13.2	21.8	32.2	42.7	7.44	< 0.1	5.4	0.7	11.1	84.1
A300868	13.8	0.3	6	0.033	0.45	1.88	0.06	0.07	0.78	5.0	122	49.0	336	3.70	10.1	17.6	23.2	43.3	7.56	< 0.1	3.6	0.6	16.1	59.5
A300869	23.3	0.5	6	0.031	0.75	2.36	0.09	0.08	0.86	6.0	130	77.1	292	3.95	12.9	27.9	81.5	66.1	9.19	< 0.1	4.8	0.6	17.9	163
A300870	9.5	0.3	4	0.028	0.30	1.78	0.07	0.06	0.64	3.6	93	42.4	192	2.61	5.8	13.6	16.5	40.0	6.60	< 0.1	3.6	0.6	10.2	57.1
A300871	8.5	0.2	3	0.031	0.38	1.63	0.06	0.08	0.72	3.9	86	38.1	208	2.06	6.0	13.5	25.1	31.7	7.44	< 0.1	1.3	0.6	12.5	68.3
A300872	8.4	0.3	3	0.029	0.34	1.44	0.05	0.06	0.73	3.7	83	36.8	174	2.13	5.6	12.1	17.8	27.0	6.44	< 0.1	0.5	0.6	11.4	67.5
A300873	18.7	0.4	4	0.033	0.39	1.80	0.06	0.07	0.81	4.2	134	54.3	224	3.67	9.3	17.3	18.7	51.4	8.42	0.1	5.5	0.8	18.2	68.3
A300874	8.6	0.3	4	0.043	0.50	1.48	0.05	0.06	1.04	4.7	79	38.6	300	1.96	9.2	17.5	34.5	28.1	5.26	< 0.1	2.2	0.6	7.7	87.2
A300875	7.5	0.3	3	0.036	0.35	1.46	0.04	0.05	1.23	3.5	69	32.2	269	1.90	7.0	14.3	41.2	24.4	4.91	< 0.1	1.5	0.7	6.9	71.9
A300876	13.5	0.4	4	0.056	0.59	1.66	0.06	0.07	1.49	4.6	123	52.8	713	3.04	11.0	27.3	55.7	32.8	5.43	0.1	3.0	1.2	13.0	81.4
A300877	12.5	0.3	3	0.035	0.41	1.82	0.05	0.08	0.66	4.0	84	36.5	201	2.17	6.7	15.3	16.3	35.2	7.67	< 0.1	2.4	0.5	10.8	51.7
A300878	12.8	0.3	4	0.041	0.45	2.04	0.06	0.08	0.87	4.7	90	39.4	525	2.23	14.0	21.9	24.7	48.4	6.30	< 0.1	2.5	0.7	13.0	68.5
A300879	10.9	0.3	3	0.030	0.35	1.74	0.05	0.07	0.53	3.8	82	38.7	162	2.02	5.5	14.0	13.5	30.8	6.72	< 0.1	3.2	0.6	11.8	49.9
A300880	6.7	0.3	4	0.053	0.46	1.18	0.05	0.04	1.14	4.4	86	44.4	328	2.25	7.3	18.8	28.9	25.7	3.85	< 0.1	1.1	0.6	5.5	75.8
A300881	8.9	0.3	3	0.031	0.34	1.65	0.05	0.07	0.68	4.0	105	42.9	255	2.91	6.0	13.4	14.1	41.8	7.35	< 0.1	4.2	0.6	9.5	55.8
A300882	10.0	0.4	4	0.039	0.43	1.93	0.07	0.06	0.76	4.6	106	42.5	291	2.86	8.9	20.3	36.6	35.0	6.19	< 0.1	7.0	0.5	8.2	61.9
A300883	6.9	0.3	5	0.060	0.50	1.43	0.09	0.05	1.17	5.3	104	46.7	368	2.65	8.8	21.9	26.1	31.0	4.58	0.1	5.7	0.6	7.4	83.3
A300884	13.1	0.2	3	0.031	0.41	1.54	0.05	0.08	0.85	3.8	94	37.1	222	2.47	7.0	14.6	18.6	39.9	6.70	< 0.1	3.3	0.7	7.0	61.2
A300885	12.1	0.3	3	0.046	0.55	1.52	0.07	0.08	1.61	5.0	80	47.7	281	2.31	7.9	18.7	50.8	42.8	5.23	< 0.1	5.3	1.2	11.2	85.4
A300886	0.6	0.3	8	0.025	0.15	0.55	0.02	0.02	4.57	0.6	20	9.3	275	0.38	1.5	14.1	62.0	17.5	0.13	0.3	2.1	5.7	1.8	191
A300887	9.3	0.3	3	0.037	0.45	1.56	0.06	0.08	1.27	3.2	85	40.8	501	2.53	9.6	19.8	56.7	41.4	4.93	< 0.1	3.0	1.0	10.0	74.6
A300888	19.8	0.4	4	0.049	0.50	1.90	0.06	0.08	1.59	4.5	96	49.9	330	3.01	11.0	24.0	30.6	41.8	5.68	0.1	18.8	1.2	9.7	89.5
A300889	21.8	0.5	3	0.026	0.58	2.31	0.07	0.12	0.53	4.8	126	54.4	338	5.18	13.0	23.8	36.1	89.2	9.29	0.1	14.2	1.0	16.9	46.2
A300890	12.4	0.5	4	0.042	0.54	1.85	0.06	0.10	1.33	4.6	100	56.3	1280	2.92	12.3	24.5	74.7	41.2	5.98	< 0.1	3.1	0.7	13.1	81.9
A300891	9.5	0.4	5	0.045	0.57	1.56	0.08	0.09	1.92	4.3	100	56.1	1330	2.87	14.1	28.2	85.5	50.0	5.04	0.1	6.5	1.2	11.9	96.9

Analyte Symbol	Li	Be	B	Na	Mg	Al	K	Bi	Ca	Sc	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Rb	Sr
Unit Symbol	ppm	ppm	ppm	%	%	%	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.1	0.1	1	0.001	0.01	0.01	0.01	0.02	0.01	0.1	1	0.5	1	0.01	0.1	0.1	0.01	0.1	0.02	0.1	0.1	0.1	0.1	0.5
Analysis Method	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
A300892	4.8	0.4	4	0.027	0.29	1.02	0.04	0.06	3.35	1.2	119	31.8	798	1.52	7.8	25.1	95.2	28.2	2.31	0.1	3.2	3.4	8.2	130
A300893	12.8	0.4	4	0.043	0.55	1.85	0.09	0.08	1.55	4.6	167	49.8	602	3.02	12.0	26.4	49.8	42.5	5.30	0.1	3.9	1.5	13.9	83.8
A300894	14.0	0.3	4	0.050	0.53	1.69	0.08	0.09	1.28	4.5	90	42.9	526	2.96	13.0	18.3	30.6	47.2	7.59	0.1	1.4	0.8	13.5	79.7
A300895	19.2	0.6	7	0.033	0.56	2.89	0.06	0.10	0.66	5.1	95	64.1	290	5.41	14.4	28.7	60.3	96.2	8.30	0.1	16.9	1.2	13.0	52.3
A300896	6.4	0.3	4	0.051	0.45	1.19	0.06	0.05	1.09	4.4	122	44.9	366	2.42	7.7	19.9	21.9	29.7	4.08	< 0.1	4.6	0.6	7.4	68.7
A300897	11.9	0.4	5	0.046	0.57	1.67	0.09	0.10	1.52	5.3	88	63.7	617	2.99	12.7	29.7	87.9	46.1	4.89	0.1	8.6	1.0	12.9	86.3
A300898	8.7	0.3	4	0.052	0.50	1.38	0.08	0.08	1.61	5.0	100	58.1	434	3.08	9.8	21.9	47.5	35.9	4.97	0.1	5.7	1.0	10.9	91.4
A300899	8.9	0.3	2	0.027	0.28	1.81	0.04	0.07	0.62	4.0	120	33.9	153	2.24	5.5	10.6	26.3	22.6	6.61	< 0.1	3.3	0.6	6.7	54.3
A300900	8.5	0.4	4	0.042	0.43	1.66	0.04	0.05	0.98	4.6	87	43.4	273	2.56	8.0	18.8	32.9	25.7	5.16	< 0.1	6.0	0.8	5.4	69.6
A300901	12.5	0.4	3	0.030	0.41	1.95	0.06	0.06	0.65	4.2	123	43.3	222	3.39	8.0	17.0	20.0	38.7	6.72	< 0.1	4.4	0.7	12.1	53.4
A300902	8.3	0.3	4	0.053	0.52	1.37	0.06	0.05	1.33	3.9	88	40.5	273	2.40	7.9	19.7	20.2	29.1	4.69	< 0.1	3.8	0.7	6.9	77.2
A300903	9.1	0.3	3	0.032	0.41	2.00	0.05	0.08	0.55	4.4	102	49.6	220	3.30	6.6	18.3	22.9	37.7	7.18	< 0.1	6.9	0.6	9.8	49.0
A300904	8.7	0.3	4	0.045	0.51	1.55	0.09	0.15	1.60	5.3	107	43.2	343	2.27	8.2	21.4	30.0	36.9	4.96	< 0.1	5.2	0.9	11.9	94.2
A300905	7.6	0.3	4	0.054	0.48	1.43	0.06	0.05	1.17	4.7	108	46.3	317	2.47	8.3	20.3	28.1	28.5	4.99	< 0.1	3.9	0.7	7.4	84.2
A300906	9.7	0.4	3	0.040	0.58	2.08	0.06	0.07	0.83	5.2	91	54.6	262	2.85	10.5	30.4	32.4	34.8	5.53	0.1	5.6	0.6	9.5	68.7
A300907	10.4	0.4	4	0.054	0.37	1.82	0.05	0.05	0.69	3.9	112	44.2	237	3.23	8.7	17.0	19.7	44.2	5.99	< 0.1	3.7	0.6	11.8	49.7
A300908	10.6	0.4	3	0.031	0.35	1.73	0.05	0.09	0.66	3.8	100	40.3	203	2.30	6.7	12.8	16.9	46.6	6.98	< 0.1	5.0	0.6	12.7	57.7
A300909	12.0	0.3	2	0.026	0.27	2.07	0.04	0.08	0.53	3.7	134	45.9	179	3.12	5.8	14.5	21.6	45.0	7.89	< 0.1	5.6	0.9	12.2	47.9
A300910	11.9	0.3	3	0.026	0.37	2.09	0.04	0.06	0.55	4.3	127	47.5	191	2.72	6.7	14.7	16.1	48.8	7.07	< 0.1	4.8	0.8	9.6	47.6
A300911	8.9	0.2	3	0.032	0.45	1.48	0.06	0.06	0.71	3.6	125	50.2	221	3.29	7.5	20.4	22.1	35.0	6.20	< 0.1	4.2	0.8	10.6	59.1
A300912	7.3	0.3	3	0.033	0.31	1.79	0.04	0.05	0.68	4.0	113	47.2	185	2.98	6.1	14.7	17.6	27.1	6.05	< 0.1	3.8	0.6	8.1	59.0
A300913	8.8	0.4	2	0.028	0.29	1.95	0.04	0.07	0.60	3.9	89	44.3	177	3.04	5.5	13.0	13.7	31.2	6.93	< 0.1	3.2	0.7	9.7	55.0
A300914	10.1	0.3	4	0.051	0.54	1.41	0.06	0.06	1.27	5.1	88	51.8	445	2.84	9.8	20.6	30.5	32.0	5.10	< 0.1	5.1	0.7	10.4	80.9
A300915	6.4	0.2	3	0.044	0.45	1.09	0.05	0.05	1.13	3.9	145	43.1	277	2.30	6.8	15.5	14.2	26.6	4.26	< 0.1	2.0	0.6	6.5	74.2
A300916	7.9	0.3	4	0.044	0.50	1.40	0.05	0.05	1.09	3.7	93	40.7	241	1.96	7.1	18.7	23.0	31.4	5.17	< 0.1	3.2	0.6	5.3	76.3
A300917	3.3	0.2	2	0.027	0.20	1.04	0.03	0.06	0.56	2.8	184	45.1	140	2.67	4.3	10.4	10.9	20.8	7.10	< 0.1	2.2	0.6	6.4	57.9
A300918	10.2	0.3	2	0.028	0.30	1.45	0.04	0.07	0.74	3.4	93	35.6	155	2.31	4.7	11.1	10.7	25.9	5.97	< 0.1	2.5	0.7	7.5	59.6
A300919	12.0	0.4	3	0.031	0.41	2.36	0.04	0.06	0.72	4.8	162	71.9	245	4.60	8.9	20.8	18.0	42.6	6.39	< 0.1	6.3	0.6	7.1	53.3
A300920	9.6	0.3	3	0.050	0.56	1.88	0.06	0.07	1.18	4.7	103	43.9	330	2.34	9.0	23.0	45.1	32.2	5.64	< 0.1	2.2	0.7	8.0	78.5
A300921	23.7	0.5	3	0.045	0.68	2.81	0.07	0.09	0.96	5.9	81	58.1	308	3.81	10.7	21.9	33.3	58.2	9.30	< 0.1	4.2	0.8	10.8	67.2
A300922	10.7	0.2	3	0.029	0.30	1.36	0.04	0.07	1.02	3.7	80	37.1	158	2.14	4.4	10.4	11.8	28.4	7.34	< 0.1	3.3	0.7	7.8	82.4
A300923	17.2	0.3	4	0.046	0.46	1.41	0.06	0.06	1.16	5.1	99	42.9	262	2.18	6.2	22.5	33.5	31.8	4.37	< 0.1	4.9	0.9	8.6	77.0
A300924	6.7	0.2	3	0.028	0.29	1.36	0.06	0.07	0.71	3.6	97	41.6	169	2.73	4.8	11.8	12.0	36.7	8.24	< 0.1	4.2	0.6	17.2	61.0
A300925	12.7	0.3	2	0.029	0.35	1.84	0.05	0.07	0.60	3.7	92	36.5	140	2.15	6.0	13.8	17.1	28.2	6.12	< 0.1	5.6	0.7	9.7	53.5
A300926	11.7	0.3	3	0.030	0.32	1.68	0.04	0.06	0.81	3.7	140	38.1	153	2.38	5.9	13.4	15.3	37.7	6.31	< 0.1	5.7	0.8	7.6	66.5
A300927	10.2	0.2	3	0.029	0.51	1.61	0.07	0.07	0.65	3.9	95	40.2	205	2.39	6.7	18.5	21.0	55.3	6.72	< 0.1	10.1	0.8	22.3	55.2
A300928	12.9	0.3	4	0.031	0.36	1.96	0.06	0.08	0.98	4.1	82	52.2	206	3.32	9.2	16.8	20.0	54.0	8.45	< 0.1	5.1	0.7	9.5	85.0
A300929	9.1	0.3	3	0.033	0.36	1.94	0.04	0.06	0.59	4.5	95	47.3	178	2.46	6.5	16.1	17.8	29.0	5.78	< 0.1	3.9	0.7	8.0	56.2
A300930	8.0	0.3	3	0.029	0.29	1.53	0.04	0.04	0.59	3.5	89	34.5	131	1.90	5.0	13.5	14.4	28.3	4.67	< 0.1	3.1	0.6	7.1	52.6
A300931	11.8	0.3	3	0.044	0.55	1.59	0.06	0.07	1.04	4.8	86	45.0	343	2.53	9.1	23.5	43.4	32.4	5.01	< 0.1	4.7	0.8	10.1	71.3
A300932	6.9	0.3	3	0.042	0.42	1.11	0.05	0.04	0.98	3.8	92	39.6	245	1.94	6.6	14.7	20.6	22.6	4.65	< 0.1	2.6	0.6	5.6	75.7
A300933	9.7	0.4	3	0.044	0.55	1.67	0.06	0.08	1.14	5.8	126	49.2	577	2.14	10.1	24.0	72.5	31.0	4.87	< 0.1	3.9	0.7	8.6	77.5
A300934	8.8	0.3	3	0.040	0.53	1.42	0.06	0.06	1.12	4.4	87	40.6	334	2.23	8.5	19.3	42.8	29.2	4.81	< 0.1	2.3	0.6	7.3	74.2
A300935	7.3	0.3	4	0.035	0.42	1.52	0.05	0.04	0.78	4.1	110	51.2	235	2.83	9.2	22.8	27.5	38.0	4.76	< 0.1	4.0	0.5	7.4	61.3
A300936	8.5	0.4	3	0.048	0.45	1.38	0.05	0.06	1.29	5.9	101	44.7	276	2.28	7.4	20.0	85.0	25.6	4.20	< 0.1	4.6	0.8	6.3	79.8
A300937	18.8	0.4	3	0.053	0.74	2.42	0.08	0.10	1.21	6.4	88	53.3	411	3.04	11.3	29.8	52.7	49.6	7.15	0.1	4.2	0.7	14.1	79.3
A300938	8.7	0.3	4	0.051	0.48	1.28	0.05	0.05	1.08	5.0	93	48.7	280	2.20	7.4	21.9	22.5	27.8	4.19	< 0.1	4.0	0.7	6.3	78.2
A300939	8.8	0.4	4	0.039	0.56	1.67	0.06	0.05	0.97	4.9	123	45.0	260	2.12	9.3	28.1	35.0	29.4	4.23	< 0.1	1.6	0.6	7.4	75.7
A300940	10.9	0.3	2	0.026	0.31	1.58	0.05	0.08	0.62	3.4	101	39.1	179	2.79	6.2	15.0	17.7	32.6	6.41	< 0.1	3.6	0.6	12.9	53.5
A300941	14.8	0.5	4	0.027	0.32	1.96	0.04	0.07	0.72	4.1	98	47.3	178	3.30	7.5	15.4	13.7	44.4	6.77	< 0.1	5.0	0.6	9.3	57.1
A300942	9.1	0.4	3	0.030	0.37	1.63	0.06	0.05	0.85	4.0	95	43.3	192	2.97	8.1	18.9	18.8	24.8	5.97	< 0.1	2.3	0.6	11.1	70.1
A300943	11.7	0.4	3	0.030	0.40	1.85	0.06	0.06	0.80	4.0	94	45.7	220	2.76	7.9	19.6	17.1	42.6	6.77	< 0.1	2.0	0.6	13.4	74.1

Analyte Symbol	Li	Be	B	Na	Mg	Al	K	Bi	Ca	Sc	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Rb	Sr
Unit Symbol	ppm	ppm	ppm	%	%	%	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.1	0.1	1	0.001	0.01	0.01	0.01	0.02	0.01	0.1	1	0.5	1	0.01	0.1	0.1	0.01	0.1	0.02	0.1	0.1	0.1	0.1	0.5
Analysis Method	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
A300944	8.1	0.3	3	0.027	0.32	1.55	0.06	0.05	0.75	3.7	100	40.3	187	2.61	6.3	17.3	11.4	29.6	6.21	< 0.1	3.2	0.5	10.6	69.0
A300945	13.1	0.3	3	0.028	0.41	1.83	0.08	0.10	0.70	3.8	116	38.0	211	3.49	7.8	20.9	26.4	78.3	6.83	< 0.1	33.4	0.6	18.5	62.3
A300946	25.2	0.6	4	0.028	0.75	3.14	0.20	0.12	0.73	5.3	90	46.9	349	4.53	21.2	38.6	58.6	157	7.45	0.1	93.0	1.2	21.5	51.7
A300947	8.2	0.4	4	0.038	0.45	1.76	0.06	0.04	0.88	4.4	81	48.4	224	2.89	9.6	24.6	26.1	26.8	5.44	< 0.1	6.1	0.7	8.3	74.8
A300948	10.7	0.3	3	0.032	0.34	1.54	0.05	0.07	0.78	3.9	87	37.9	216	2.08	6.2	13.7	15.4	33.1	6.74	< 0.1	1.5	0.6	12.4	68.3

Analyte Symbol	Y	Zr	Nb	Mo	Ag	Cd	In	Sn	Sb	Te	Cs	Ba	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.01	0.1	0.1	0.01	0.002	0.01	0.02	0.05	0.02	0.02	0.02	0.5	0.5	0.01	0.1	0.02	0.1	0.1	0.1	0.1	0.001	0.1	0.1	0.1
Analysis Method	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
A300788	5.99	3.3	1.5	0.89	1.14	0.77	0.03	0.90	0.48	0.07	3.93	108	9.6	19.3	2.4	7.47	1.4	0.4	1.2	0.2	1.01	0.2	0.5	< 0.1
A300789	5.05	3.0	1.6	0.62	0.511	0.26	0.02	0.58	0.44	0.03	2.11	90.9	8.7	17.3	2.1	7.03	1.3	0.4	1.2	0.2	0.940	0.2	0.5	< 0.1
A300790	5.07	2.5	1.0	1.39	0.260	0.54	0.03	0.62	0.67	0.05	1.35	291	9.7	18.8	2.3	7.33	1.3	0.4	1.2	0.2	0.912	0.2	0.5	< 0.1
A300791	28.4	2.3	0.9	1.78	2.27	1.49	0.03	0.55	0.71	0.07	2.10	193	21.1	30.6	6.2	22.4	4.8	1.6	5.3	0.8	4.38	0.9	2.4	0.3
A300792	12.0	2.5	1.3	0.61	0.354	0.36	0.02	0.46	0.61	0.06	1.12	129	14.1	29.4	3.5	11.4	2.2	0.6	2.2	0.3	1.94	0.4	1.0	0.1
A300793	8.48	4.0	1.9	0.76	0.444	0.70	0.03	0.65	0.42	0.04	1.16	130	12.8	24.7	3.3	10.8	2.0	0.6	1.9	0.3	1.48	0.3	0.7	0.1
A300794	14.6	3.0	1.5	0.97	0.445	0.75	0.03	0.55	0.65	0.07	1.39	161	13.0	23.3	3.4	11.4	2.3	0.7	2.4	0.3	2.02	0.4	1.2	0.2
A300795	20.6	2.9	1.2	1.56	0.641	0.96	0.04	0.63	0.78	0.08	2.29	232	17.8	27.9	4.5	15.6	3.2	1.0	3.5	0.5	3.10	0.7	1.7	0.2
A300796	11.9	2.4	1.4	0.80	0.221	0.35	0.02	0.51	0.43	0.05	1.74	100	12.6	23.9	3.1	10.7	2.1	0.6	2.3	0.3	1.89	0.4	1.0	0.1
A300797	6.88	2.6	1.5	1.19	0.106	0.31	0.02	0.65	0.41	0.04	1.10	93.2	11.3	22.0	2.8	8.82	1.7	0.5	1.5	0.2	1.20	0.2	0.6	< 0.1
A300798	6.22	2.4	1.3	0.78	0.095	0.19	0.02	0.62	0.32	0.05	0.92	139	11.6	22.5	2.8	8.86	1.6	0.4	1.5	0.2	1.14	0.2	0.6	< 0.1
A300799	6.00	2.5	1.2	0.78	0.186	0.23	0.02	0.55	0.36	0.06	0.88	146	10.2	20.3	2.5	7.80	1.4	0.4	1.2	0.2	1.07	0.2	0.6	< 0.1
A300800	12.3	3.0	1.3	0.60	0.164	0.33	< 0.02	0.45	0.72	0.07	0.82	99.4	12.0	25.1	3.0	10.1	2.1	0.6	2.1	0.3	1.86	0.4	1.0	0.2
A300801	6.47	3.0	2.1	1.00	0.182	0.32	0.02	0.61	0.36	0.04	0.36	91.2	10.5	20.8	2.6	8.19	1.5	0.4	1.3	0.2	1.12	0.2	0.6	< 0.1
A300802	10.9	2.8	1.6	0.62	0.117	0.43	< 0.02	0.47	0.78	0.05	0.96	95.8	11.9	24.5	3.0	10.3	2.1	0.6	2.1	0.3	1.71	0.3	0.9	0.1
A300803	16.9	2.8	1.3	0.78	0.193	0.24	0.02	0.49	0.84	0.04	1.48	101	12.8	27.7	3.4	11.6	2.5	0.7	2.6	0.4	2.40	0.5	1.4	0.2
A300804	6.32	3.2	1.5	1.26	0.279	0.33	0.02	0.62	0.52	0.05	0.89	109	10.9	23.4	2.6	8.65	1.6	0.4	1.5	0.2	1.18	0.2	0.6	< 0.1
A300805	5.22	4.6	2.2	0.93	0.119	0.43	0.03	0.77	0.56	0.05	0.99	106	11.3	22.0	2.8	8.83	1.6	0.4	1.3	0.2	0.969	0.2	0.5	< 0.1
A300806	11.0	2.8	0.8	2.88	1.80	1.55	0.03	0.37	3.49	0.08	0.85	188	17.3	30.7	4.4	14.5	2.7	0.7	2.5	0.4	1.84	0.4	1.0	0.1
A300807	12.8	2.1	0.9	0.92	0.514	0.64	0.03	0.56	0.51	0.04	2.12	153	12.8	23.9	3.3	11.4	2.4	0.8	2.5	0.4	2.18	0.4	1.2	0.2
A300808	5.10	4.6	1.5	0.65	0.178	0.24	0.03	0.58	0.47	0.06	0.83	105	8.8	17.4	2.1	6.70	1.3	0.4	1.2	0.2	0.955	0.2	0.5	< 0.1
A300809	8.59	3.0	1.6	0.60	0.194	0.31	0.02	0.57	0.42	0.05	1.03	148	10.7	20.2	2.8	9.07	1.7	0.5	1.6	0.3	1.46	0.3	0.8	0.1
A300810	9.57	2.4	1.2	0.60	0.136	0.20	0.02	0.47	0.49	0.05	0.66	132	10.8	23.2	2.8	9.40	1.8	0.5	1.8	0.3	1.58	0.3	0.9	0.1
A300811	7.39	3.2	1.1	0.66	0.175	0.12	0.02	0.49	0.46	0.03	0.83	103	11.4	22.2	2.8	9.36	1.8	0.5	1.7	0.2	1.32	0.3	0.7	< 0.1
A300812	4.30	3.0	1.2	0.78	0.106	0.14	0.02	0.55	0.43	0.06	0.81	124	9.0	17.6	2.1	6.78	1.2	0.3	1.0	0.1	0.789	0.2	0.4	< 0.1
A300813	5.05	2.3	1.8	0.82	0.118	0.37	< 0.02	0.59	0.31	0.04	0.48	171	8.3	16.4	2.1	6.91	1.3	0.3	1.1	0.2	0.926	0.2	0.5	< 0.1
A300814	5.48	2.1	1.8	0.59	0.215	0.17	< 0.02	0.73	0.26	0.03	0.60	119	12.0	23.3	3.0	9.32	1.7	0.4	1.4	0.2	1.02	0.2	0.5	< 0.1
A300815	4.97	4.5	1.7	0.88	0.205	0.16	0.03	0.46	0.43	0.03	1.18	97.6	8.2	15.9	1.9	6.03	1.1	0.3	1.1	0.2	0.945	0.2	0.5	< 0.1
A300816	3.80	2.4	0.9	0.68	0.152	0.22	0.02	0.53	0.33	0.03	1.09	108	7.9	15.5	1.9	6.06	1.1	0.3	0.9	0.1	0.675	0.1	0.3	< 0.1
A300817	4.39	5.8	1.3	0.74	0.129	0.29	0.02	0.43	0.37	0.03	0.81	117	6.9	14.5	1.7	5.30	1.0	0.3	0.9	0.1	0.865	0.2	0.5	< 0.1
A300818	5.24	6.2	1.4	1.05	0.403	0.48	0.03	0.55	0.70	0.05	1.35	110	9.1	17.8	2.2	6.96	1.3	0.3	1.1	0.2	0.928	0.2	0.5	< 0.1
A300819	5.42	3.4	1.8	0.88	0.312	0.36	0.03	0.59	0.77	0.07	1.38	110	9.9	18.9	2.3	7.32	1.3	0.3	1.1	0.2	0.937	0.2	0.5	< 0.1
A300820	5.91	8.6	2.2	1.16	0.230	0.45	0.03	0.70	0.56	0.03	1.62	110	10.4	20.4	2.6	8.22	1.5	0.4	1.3	0.2	1.01	0.2	0.6	< 0.1
A300821	7.73	7.9	1.1	2.14	0.503	0.64	0.02	0.62	0.51	0.04	1.81	123	8.8	17.8	2.2	7.55	1.5	0.4	1.6	0.2	1.37	0.3	0.7	0.1
A300822	10.9	3.2	2.1	4.01	0.731	1.72	0.03	0.67	0.50	0.03	4.71	108	14.2	31.4	3.6	11.8	2.3	0.6	2.3	0.3	1.92	0.4	1.0	0.1
A300823	6.38	2.3	1.2	0.46	0.166	0.20	< 0.02	0.61	0.34	0.04	1.37	98.2	12.4	24.1	3.1	10.1	1.8	0.4	1.5	0.2	1.10	0.2	0.6	< 0.1
A300824	4.65	4.5	1.7	0.51	0.240	0.25	0.03	0.43	0.37	0.07	4.05	111	10.1	19.4	2.3	7.32	1.4	0.4	1.3	0.2	0.997	0.2	0.5	< 0.1
A300825	7.07	3.1	2.3	0.59	0.125	0.22	0.02	0.63	0.46	0.04	1.22	100	10.5	20.5	2.6	8.71	1.6	0.4	1.4	0.2	1.15	0.2	0.7	< 0.1
A300826	5.12	4.3	1.7	0.69	0.139	0.23	< 0.02	0.69	0.39	0.05	1.11	136	13.2	25.2	3.2	9.98	1.8	0.4	1.6	0.2	1.06	0.2	0.5	< 0.1
A300827	9.29	2.1	0.4	1.22	0.294	0.80	< 0.02	0.24	1.02	0.04	0.16	180	8.4	7.17	2.1	7.69	1.6	0.4	1.6	0.2	1.21	0.3	0.7	< 0.1
A300828	16.5	3.9	1.2	3.89	0.234	0.37	0.03	0.56	0.34	0.07	0.98	283	14.8	26.3	3.9	13.1	2.7	0.7	2.7	0.4	2.46	0.5	1.4	0.2
A300829	8.37	2.8	1.7	0.99	2.74	0.22	0.02	0.58	0.31	0.06	1.39	215	11.2	21.4	2.8	9.11	1.8	0.5	1.8	0.3	1.53	0.3	0.8	0.1
A300830	10.9	2.7	1.4	1.23	0.208	0.30	0.03	0.89	0.29	0.05	1.21	247	12.0	21.8	3.1	10.2	2.0	0.5	2.0	0.3	1.75	0.4	0.9	0.1
A300831	11.1	3.4	1.3	1.52	0.192	0.25	0.03	0.69	0.39	0.05	1.39	311	11.7	22.3	3.0	10.4	2.1	0.6	1.9	0.3	1.65	0.4	0.9	0.1
A300832	10.6	2.9	1.2	1.27	0.201	0.40	0.03	0.73	0.43	0.06	1.52	289	13.5	24.8	3.4	11.5	2.3	0.6	2.3	0.3	1.80	0.4	1.0	0.1
A300833	8.48	3.1	1.6	0.67	0.096	0.17	0.02	0.51	0.43	0.04	1.00	151	13.2	25.8	3.2	10.6	2.0	0.5	2.0	0.3	1.56	0.3	0.8	0.1
A300834	10.3	2.8	1.5	0.99	0.212	0.41	0.03	1.03	0.36	0.07	1.12	203	12.7	24.9	3.2	10.8	2.1	0.5	2.0	0.3	1.63	0.3	0.9	0.1
A300835	8.78	2.4	1.3	0.96	0.141	0.28	0.03	0.62	0.35	0.04	1.25	206	10.7	20.3	2.6	8.80	1.8	0.5	1.9	0.3	1.55	0.3	0.8	0.1
A300836	8.51	2.3	1.4	0.84	0.191	0.25	0.02	0.67	0.33	0.05	1.25	203	11.1	20.9	2.8	9.53	1.8	0.5	1.7	0.2	1.36	0.3	0.7	0.1
A300837	7.61	2.2	1.2	0.58	0.131	0.12	< 0.02	0.43	0.31	0.04	0.84	140	9.1	17.6	2.2	7.79	1.5	0.4	1.6	0.2	1.37	0.3	0.7	0.1
A300838	9.52	2.9	1.4	0.97	0.128	0.19	0.03	0.56	0.37	0.06	1.29	168	10.5	20.0	2.8	9.91	1.9	0.6	1.9	0.3	1.63	0.3	0.9	0.1
A300839	8.39	3.3	1.9	0.72	0.134	0.25	0.02	0.67	0.29	0.06	1.37	181	13.5	26.1	3.5	11.4	2.1	0.5	1.8	0.3	1.47	0.3	0.8	0.1

Analyte Symbol	Y	Zr	Nb	Mo	Ag	Cd	In	Sn	Sb	Te	Cs	Ba	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.01	0.1	0.1	0.01	0.002	0.01	0.02	0.05	0.02	0.02	0.02	0.5	0.5	0.01	0.1	0.02	0.1	0.1	0.1	0.1	0.001	0.1	0.1	0.1
Analysis Method	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
A300840	5.45	4.9	2.4	1.08	0.079	0.16	0.02	0.65	0.39	0.06	1.14	121	9.4	18.6	2.3	7.21	1.3	0.3	1.2	0.2	1.03	0.2	0.5	< 0.1
A300841	5.28	4.0	1.7	0.70	0.075	0.10	< 0.02	0.57	0.23	0.04	0.63	101	8.0	16.1	2.0	6.47	1.2	0.3	1.1	0.2	0.951	0.2	0.5	< 0.1
A300842	11.3	3.7	1.5	1.66	0.167	0.17	0.02	0.60	0.38	0.05	1.09	156	11.2	22.3	2.9	9.98	2.1	0.5	2.0	0.3	1.70	0.4	1.0	0.2
A300843	11.7	3.6	1.6	0.88	0.130	0.26	0.03	0.62	0.47	0.05	1.17	212	13.1	31.7	3.4	11.8	2.4	0.7	2.4	0.4	2.02	0.4	1.1	0.2
A300844	7.63	3.4	1.5	0.81	0.116	0.19	0.02	0.51	0.37	0.04	0.81	149	9.0	20.1	2.2	7.50	1.6	0.4	1.5	0.2	1.38	0.3	0.7	0.1
A300845	7.06	3.4	1.5	0.77	0.141	0.23	0.02	0.76	0.28	0.03	0.80	156	11.6	22.4	2.9	9.31	1.7	0.4	1.5	0.2	1.20	0.3	0.7	< 0.1
A300846	6.29	2.3	1.5	0.68	0.121	0.14	< 0.02	0.51	0.26	0.05	0.84	150	8.3	15.4	2.0	6.79	1.4	0.4	1.4	0.2	1.18	0.2	0.6	< 0.1
A300847	7.45	3.1	1.9	0.99	0.301	0.85	0.02	0.63	0.33	0.04	0.79	158	9.8	19.6	2.5	8.17	1.6	0.4	1.5	0.2	1.21	0.3	0.7	< 0.1
A300848	7.01	3.4	1.3	0.54	0.044	0.13	< 0.02	0.50	0.31	0.05	0.71	129	9.9	19.3	2.4	8.05	1.5	0.4	1.5	0.2	1.27	0.3	0.7	< 0.1
A300849	8.34	3.2	1.9	1.41	0.223	0.37	0.03	0.72	0.29	0.05	0.88	209	11.5	21.4	3.0	10.1	2.0	0.5	1.9	0.3	1.50	0.3	0.8	0.1
A300850	7.77	2.3	1.3	0.47	0.090	0.22	< 0.02	0.50	0.28	0.02	0.68	132	10.1	19.3	2.5	8.44	1.7	0.5	1.5	0.2	1.30	0.3	0.7	0.1
A300851	5.59	4.0	2.1	0.65	0.187	0.17	< 0.02	0.60	0.28	0.05	0.77	112	8.8	17.8	2.2	7.37	1.4	0.4	1.3	0.2	0.986	0.2	0.5	< 0.1
A300852	5.41	4.1	1.4	0.81	0.180	0.21	0.02	0.46	0.30	0.04	0.69	113	9.1	17.5	2.1	6.87	1.3	0.3	1.3	0.2	1.04	0.2	0.5	< 0.1
A300853	6.35	4.7	1.8	0.91	0.119	0.10	0.02	0.52	0.24	0.04	0.71	125	11.1	21.2	2.7	8.85	1.6	0.4	1.4	0.2	1.14	0.2	0.6	< 0.1
A300854	5.75	2.8	1.7	0.51	0.183	0.08	< 0.02	0.57	0.21	0.03	0.57	134	9.9	18.8	2.3	7.91	1.5	0.4	1.4	0.2	1.09	0.2	0.5	< 0.1
A300855	5.25	3.6	1.8	0.93	0.095	0.14	0.02	0.54	0.25	0.03	0.67	97.5	7.6	15.8	1.9	6.33	1.2	0.3	1.1	0.2	0.946	0.2	0.5	< 0.1
A300856	4.55	3.9	1.6	0.64	0.084	0.10	< 0.02	0.55	0.23	< 0.02	0.76	103	9.2	17.3	2.1	6.79	1.3	0.3	1.2	0.2	0.949	0.2	0.5	< 0.1
A300857	7.12	4.0	1.3	0.51	0.082	0.08	0.02	0.54	0.28	0.03	0.66	130	11.2	21.4	2.8	9.38	1.8	0.5	1.6	0.2	1.28	0.3	0.7	0.1
A300858	6.63	4.5	1.4	0.36	0.091	0.05	< 0.02	0.58	0.21	0.03	0.67	116	10.2	19.9	2.5	8.23	1.5	0.4	1.4	0.2	1.24	0.3	0.7	< 0.1
A300859	5.74	3.4	1.5	0.65	0.112	0.12	< 0.02	0.54	0.26	0.03	0.93	157	10.3	19.9	2.5	8.21	1.6	0.4	1.5	0.2	1.12	0.2	0.6	< 0.1
A300860	0.12	0.1	< 0.1	< 0.01	0.002	< 0.01	< 0.02	< 0.05	< 0.02	< 0.02	< 0.02	3.2	< 0.5	0.43	< 0.1	0.17	< 0.1	< 0.1	< 0.1	< 0.1	0.024	< 0.1	< 0.1	< 0.1
A300861	6.32	4.0	1.2	0.46	0.063	0.13	0.02	0.57	0.51	0.04	0.80	144	9.1	18.7	2.3	8.02	1.6	0.4	1.5	0.2	1.20	0.2	0.6	< 0.1
A300862	7.01	5.1	1.8	1.09	0.102	0.15	0.03	0.51	0.42	0.04	1.33	172	10.8	23.1	2.7	9.13	1.9	0.5	1.8	0.3	1.47	0.3	0.7	< 0.1
A300863	6.98	2.7	1.1	0.34	0.056	0.07	< 0.02	0.44	0.23	0.03	0.59	95.3	10.4	20.5	2.6	8.40	1.6	0.4	1.5	0.2	1.25	0.3	0.7	< 0.1
A300864	6.82	2.7	2.0	0.55	0.197	0.21	< 0.02	0.61	0.22	0.04	0.81	155	9.3	17.6	2.3	8.01	1.6	0.4	1.5	0.2	1.20	0.2	0.6	< 0.1
A300865	8.56	2.7	1.6	0.77	0.196	0.21	0.02	1.05	0.28	0.05	0.71	159	13.2	25.1	3.3	10.8	2.1	0.5	1.9	0.3	1.54	0.3	0.8	0.1
A300866	5.55	5.0	1.1	0.87	0.116	0.10	0.02	0.73	0.28	0.05	0.70	125	8.7	17.3	2.1	7.30	1.4	0.4	1.3	0.2	1.03	0.2	0.5	< 0.1
A300867	5.63	4.5	1.4	1.00	0.183	0.13	0.02	0.65	0.31	0.04	0.89	126	9.3	18.7	2.3	7.38	1.4	0.4	1.2	0.2	1.00	0.2	0.6	< 0.1
A300868	5.04	4.7	1.1	0.78	0.111	0.14	0.02	0.61	0.32	0.03	0.99	144	9.1	17.6	2.1	6.98	1.4	0.3	1.3	0.2	0.987	0.2	0.5	< 0.1
A300869	4.63	4.6	1.2	0.72	0.262	0.27	0.02	0.60	0.33	0.08	1.50	139	8.7	16.9	2.1	6.93	1.3	0.3	1.1	0.2	0.845	0.2	0.4	< 0.1
A300870	4.58	3.0	1.7	0.63	0.083	0.18	0.02	0.50	0.29	0.03	0.63	80.1	8.4	16.4	2.0	6.48	1.2	0.3	1.0	0.2	0.833	0.2	0.4	< 0.1
A300871	5.36	2.5	1.7	0.95	0.209	0.11	< 0.02	0.65	0.19	0.05	0.71	140	10.2	19.8	2.5	7.82	1.4	0.4	1.3	0.2	1.03	0.2	0.5	< 0.1
A300872	4.84	3.6	2.1	0.56	0.179	0.08	< 0.02	0.61	0.23	0.03	0.71	92.2	9.2	18.0	2.2	7.07	1.3	0.3	1.1	0.2	0.925	0.2	0.5	< 0.1
A300873	5.53	5.2	2.3	0.83	0.175	0.15	0.02	0.74	0.30	0.05	1.20	103	11.3	22.3	2.8	9.13	1.6	0.4	1.3	0.2	1.01	0.2	0.5	< 0.1
A300874	8.54	3.5	1.6	0.43	0.091	0.07	< 0.02	0.60	0.24	0.06	0.67	112	11.9	23.2	3.1	10.7	2.0	0.5	1.8	0.3	1.47	0.3	0.8	0.1
A300875	7.88	2.0	1.8	0.64	0.214	0.16	< 0.02	0.56	0.22	0.04	0.58	148	11.5	20.5	2.7	9.23	1.9	0.5	1.8	0.3	1.46	0.3	0.7	0.1
A300876	10.4	3.0	1.9	0.98	0.177	0.19	< 0.02	0.63	0.49	0.05	1.09	148	11.6	20.5	3.0	10.0	2.0	0.5	1.9	0.3	1.74	0.4	1.0	0.1
A300877	5.35	4.9	1.5	0.62	0.129	0.09	< 0.02	1.84	0.28	< 0.02	1.05	124	10.0	19.4	2.5	8.14	1.5	0.4	1.3	0.2	1.01	0.2	0.5	< 0.1
A300878	6.92	2.5	1.2	0.56	0.086	0.13	0.02	0.75	0.25	0.03	1.04	225	10.3	20.9	2.6	8.61	1.7	0.4	1.5	0.2	1.23	0.2	0.6	< 0.1
A300879	4.62	2.9	1.3	0.55	0.037	0.06	< 0.02	0.65	0.27	0.02	0.87	107	11.1	22.1	2.7	8.80	1.5	0.3	1.2	0.2	0.858	0.2	0.4	< 0.1
A300880	9.21	2.8	1.2	0.65	0.038	0.09	< 0.02	0.46	0.31	0.05	0.51	120	12.4	23.1	3.0	10.00	2.0	0.5	2.0	0.3	1.64	0.3	0.8	0.1
A300881	4.88	3.1	1.3	0.67	0.171	0.14	< 0.02	0.56	0.34	0.06	0.65	105	8.7	17.2	2.1	7.24	1.4	0.4	1.3	0.2	0.955	0.2	0.5	< 0.1
A300882	6.95	3.3	1.7	1.01	0.087	0.15	0.02	0.50	0.30	0.03	0.64	167	10.7	20.5	2.7	8.89	1.8	0.5	1.7	0.2	1.31	0.3	0.6	< 0.1
A300883	9.32	5.3	1.3	0.48	0.155	0.10	< 0.02	0.66	0.43	0.04	0.53	152	12.3	25.5	3.1	10.5	2.1	0.5	2.0	0.3	1.60	0.3	0.9	0.1
A300884	5.59	3.5	2.4	1.02	0.116	0.10	< 0.02	0.93	0.26	0.02	0.81	102	9.6	18.4	2.3	7.59	1.5	0.4	1.4	0.2	1.09	0.2	0.5	< 0.1
A300885	12.4	2.5	1.5	1.41	0.161	0.13	0.02	0.59	0.28	0.03	0.90	115	15.3	26.2	3.9	13.0	2.5	0.6	2.4	0.4	1.98	0.4	1.1	0.1
A300886	11.1	2.2	0.3	2.75	0.442	0.35	< 0.02	0.27	1.02	0.08	0.19	146	8.6	6.03	2.3	8.74	1.9	0.5	1.9	0.3	1.44	0.3	0.8	0.1
A300887	8.76	1.9	1.3	1.77	0.258	0.29	0.02	0.78	0.34	0.04	1.11	135	13.4	24.5	3.3	10.8	2.1	0.5	2.1	0.3	1.69	0.3	0.8	0.1
A300888	11.6	2.7	1.8	1.04	0.162	0.23	0.02	0.70	0.69	0.03	0.84	119	14.5	31.0	3.9	13.5	2.7	0.6	2.5	0.4	1.96	0.4	1.0	0.2
A300889	5.85	4.3	2.2	1.90	0.203	0.36	0.03	0.80	0.77	0.05	1.33	110	13.0	24.7	3.1	9.87	1.8	0.4	1.5	0.2	1.14	0.2	0.5	< 0.1
A300890	8.49	3.1	1.9	1.23	0.352	0.33	0.02	0.74	0.35	0.04	1.34	160	11.4	22.9	2.9	9.94	2.0	0.5	1.9	0.3	1.48	0.3	0.8	0.1
A300891	13.2	2.6	1.4	2.61	0.368	0.32	0.02	0.51	0.44	0.04	0.92	170	15.7	28.1	4.0	13.6	2.6	0.6	2.6	0.4	2.15	0.4	1.1	0.2

Analyte Symbol	Y	Zr	Nb	Mo	Ag	Cd	In	Sn	Sb	Te	Cs	Ba	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.01	0.1	0.1	0.01	0.002	0.01	0.02	0.05	0.02	0.02	0.02	0.5	0.5	0.01	0.1	0.02	0.1	0.1	0.1	0.1	0.001	0.1	0.1	0.1
Analysis Method	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
A300892	11.6	2.0	1.1	4.10	0.389	0.58	< 0.02	0.42	0.45	0.05	0.74	174	11.4	15.2	2.7	9.40	1.9	0.5	2.1	0.3	1.73	0.4	0.9	0.1
A300893	11.2	2.4	1.5	1.53	0.227	0.30	0.02	0.49	0.36	0.04	1.15	194	13.6	27.2	3.5	11.4	2.2	0.6	2.4	0.4	1.93	0.4	1.0	0.1
A300894	8.10	2.9	1.8	1.13	0.126	0.19	0.02	0.63	0.29	0.06	1.05	148	9.5	19.1	2.4	8.03	1.6	0.4	1.5	0.2	1.38	0.3	0.7	0.1
A300895	6.83	6.3	1.5	3.20	0.177	0.28	0.03	0.53	0.76	0.06	1.13	112	8.9	17.1	2.1	7.02	1.4	0.4	1.4	0.2	1.17	0.3	0.6	< 0.1
A300896	8.57	3.3	1.3	0.61	0.069	0.09	< 0.02	0.40	0.44	0.04	0.49	104	10.9	21.5	2.7	9.42	1.9	0.5	1.9	0.3	1.50	0.3	0.8	0.1
A300897	15.8	2.5	1.3	0.82	0.295	0.28	0.02	0.49	0.45	0.05	0.88	180	19.1	33.1	4.8	16.2	3.2	0.8	3.3	0.5	2.67	0.5	1.3	0.2
A300898	11.3	2.6	1.5	0.86	0.106	0.15	< 0.02	0.70	0.44	0.05	0.65	113	15.2	30.9	3.8	12.9	2.5	0.6	2.3	0.3	1.83	0.4	1.0	0.1
A300899	5.55	4.1	2.3	1.06	0.116	0.10	< 0.02	0.52	0.27	0.02	0.63	118	9.3	18.0	2.2	7.32	1.4	0.4	1.4	0.2	1.10	0.2	0.5	< 0.1
A300900	12.0	2.6	1.4	0.87	0.140	0.08	< 0.02	0.43	0.36	0.02	0.61	103	14.4	20.6	3.7	12.6	2.6	0.7	2.5	0.4	2.00	0.4	1.1	0.2
A300901	5.86	3.4	1.4	1.03	0.106	0.23	0.02	0.43	0.33	0.04	0.88	153	8.9	17.6	2.1	6.97	1.3	0.4	1.3	0.2	1.09	0.2	0.5	< 0.1
A300902	7.58	2.4	1.3	0.64	0.077	0.06	< 0.02	0.38	0.34	0.02	0.62	113	9.0	18.0	2.3	8.02	1.7	0.4	1.6	0.3	1.39	0.3	0.7	0.1
A300903	4.70	3.9	1.0	0.91	0.091	0.14	0.02	0.49	0.45	0.05	0.81	101	9.0	17.9	2.2	6.87	1.3	0.3	1.1	0.2	0.841	0.2	0.4	< 0.1
A300904	7.92	2.6	1.7	0.97	0.083	0.13	< 0.02	0.53	0.40	0.05	0.66	182	10.8	20.9	2.7	9.20	1.8	0.4	1.6	0.2	1.31	0.3	0.7	0.1
A300905	9.74	3.2	1.4	0.56	0.064	0.08	< 0.02	0.47	0.35	0.04	0.56	124	12.3	23.8	3.1	10.4	2.0	0.5	1.9	0.3	1.58	0.3	0.8	0.1
A300906	6.91	4.5	1.4	0.75	0.077	0.13	0.02	0.49	0.41	0.02	0.83	172	10.8	20.7	2.5	8.57	1.7	0.4	1.6	0.2	1.30	0.3	0.6	< 0.1
A300907	5.09	4.2	1.5	0.81	0.129	0.15	< 0.02	0.41	0.38	0.04	0.71	90.1	7.1	13.6	1.6	5.49	1.0	0.3	1.0	0.2	0.945	0.2	0.5	< 0.1
A300908	6.46	2.4	1.1	0.96	0.102	0.15	< 0.02	0.54	0.31	0.04	0.87	115	9.9	19.6	2.5	8.41	1.6	0.4	1.4	0.2	1.10	0.2	0.6	< 0.1
A300909	4.15	5.6	1.6	2.56	0.151	0.20	< 0.02	0.58	0.36	0.05	0.97	75.2	8.1	15.9	1.9	6.32	1.2	0.3	1.1	0.2	0.811	0.2	0.4	< 0.1
A300910	4.93	2.6	1.3	0.57	0.060	0.12	0.02	0.52	0.38	< 0.02	0.90	86.3	7.9	15.7	1.9	6.28	1.2	0.3	1.1	0.2	0.868	0.2	0.5	< 0.1
A300911	5.32	4.3	1.0	0.68	0.055	0.11	< 0.02	0.47	0.39	0.02	0.86	111	7.3	14.5	1.7	5.58	1.1	0.3	1.1	0.2	0.923	0.2	0.5	< 0.1
A300912	5.41	4.5	0.9	0.63	0.064	0.12	< 0.02	0.43	0.30	0.02	0.61	84.6	7.0	14.0	1.7	5.57	1.1	0.3	1.0	0.2	0.889	0.2	0.5	< 0.1
A300913	4.64	4.2	1.1	0.80	0.096	0.12	< 0.02	0.51	0.33	0.03	0.79	84.9	7.7	14.7	1.8	5.81	1.1	0.3	1.1	0.2	0.881	0.2	0.4	< 0.1
A300914	10.9	3.0	1.2	0.64	0.069	0.14	< 0.02	0.42	0.38	0.03	0.66	120	11.4	25.2	2.9	9.73	1.9	0.5	1.9	0.3	1.68	0.4	0.9	0.1
A300915	8.55	2.6	0.8	0.50	0.040	0.06	< 0.02	0.44	0.26	0.02	0.53	85.7	11.5	21.9	2.8	9.29	1.8	0.4	1.8	0.3	1.48	0.3	0.7	0.1
A300916	7.94	2.1	1.0	0.55	0.081	0.13	< 0.02	0.45	0.28	0.04	0.54	116	9.7	18.8	2.4	8.24	1.6	0.4	1.6	0.2	1.28	0.3	0.7	< 0.1
A300917	3.65	3.9	1.7	0.78	0.063	0.15	< 0.02	0.64	0.27	0.04	0.43	114	5.8	11.6	1.4	4.42	0.8	0.2	0.7	0.1	0.588	0.1	0.3	< 0.1
A300918	5.36	5.0	2.0	0.93	0.053	0.08	< 0.02	0.55	0.29	0.02	0.69	92.5	9.6	18.4	2.3	7.48	1.4	0.3	1.3	0.2	0.976	0.2	0.5	< 0.1
A300919	5.90	7.2	1.1	0.77	0.022	0.15	0.02	0.50	0.47	0.02	0.68	111	7.9	14.9	1.8	6.07	1.2	0.3	1.2	0.2	1.08	0.2	0.5	< 0.1
A300920	9.40	2.5	1.6	0.69	0.089	0.16	< 0.02	0.54	0.31	0.03	0.98	179	11.4	21.3	2.7	9.30	1.9	0.5	1.9	0.3	1.61	0.3	0.8	0.1
A300921	9.61	4.6	2.0	1.37	0.077	0.10	0.03	0.76	0.48	0.03	1.28	172	11.5	20.5	2.9	10.0	2.0	0.5	2.0	0.3	1.71	0.3	0.8	0.1
A300922	5.45	4.0	2.3	1.28	0.046	0.11	< 0.02	0.68	0.25	0.04	0.50	95.6	8.7	17.2	2.1	6.89	1.3	0.3	1.1	0.2	0.950	0.2	0.5	< 0.1
A300923	8.61	3.1	1.6	1.06	0.151	0.08	< 0.02	0.50	0.38	0.05	0.57	110	11.3	21.7	2.8	9.39	1.8	0.5	1.8	0.3	1.47	0.3	0.7	0.1
A300924	4.38	3.0	1.0	0.79	0.053	0.19	< 0.02	0.65	0.50	0.03	0.66	107	7.3	14.5	1.8	5.66	1.1	0.3	0.9	0.1	0.716	0.1	0.4	< 0.1
A300925	5.73	3.0	2.2	1.02	0.101	0.09	< 0.02	0.51	0.39	0.02	0.76	102	10.0	19.4	2.4	8.16	1.5	0.4	1.5	0.2	1.10	0.2	0.5	< 0.1
A300926	5.77	3.6	2.3	1.73	0.040	0.09	< 0.02	0.60	0.36	< 0.02	0.58	95.4	8.8	17.7	2.1	6.95	1.3	0.3	1.2	0.2	1.02	0.2	0.5	< 0.1
A300927	5.98	4.1	1.0	1.09	0.067	0.18	< 0.02	0.51	0.88	0.03	0.91	124	9.7	18.3	2.3	7.49	1.4	0.4	1.3	0.2	1.05	0.2	0.5	< 0.1
A300928	5.29	6.2	2.2	1.41	0.060	0.22	< 0.02	0.87	0.39	0.03	0.81	108	7.9	16.0	2.0	6.80	1.3	0.4	1.2	0.2	0.908	0.2	0.5	< 0.1
A300929	5.62	5.9	1.4	0.72	0.050	0.12	0.02	0.51	0.31	< 0.02	0.67	92.5	8.9	17.4	2.1	6.97	1.3	0.3	1.2	0.2	0.972	0.2	0.5	< 0.1
A300930	5.61	3.9	1.6	0.58	0.050	0.14	< 0.02	0.42	0.25	0.02	0.56	105	8.0	15.8	1.9	6.50	1.3	0.3	1.1	0.2	0.941	0.2	0.5	< 0.1
A300931	8.98	3.1	1.6	0.77	0.035	0.09	< 0.02	0.51	0.34	0.03	0.90	128	13.2	26.6	3.3	11.1	2.1	0.5	1.9	0.3	1.58	0.3	0.8	0.1
A300932	7.75	2.8	1.4	0.53	0.035	0.06	< 0.02	0.41	0.28	0.02	0.55	96.5	9.6	18.5	2.4	8.09	1.5	0.4	1.5	0.2	1.25	0.3	0.7	< 0.1
A300933	14.8	2.1	1.2	0.82	0.067	0.20	< 0.02	0.65	0.31	< 0.02	0.92	181	14.6	27.3	3.9	13.8	2.8	0.8	2.9	0.4	2.36	0.5	1.2	0.2
A300934	8.72	2.2	1.3	0.75	0.084	0.08	< 0.02	0.50	0.30	< 0.02	0.76	134	11.7	21.8	2.9	9.66	1.9	0.5	1.9	0.3	1.56	0.3	0.8	0.1
A300935	6.16	3.0	0.7	0.46	0.030	0.13	< 0.02	0.40	0.44	0.03	0.53	91.4	7.5	15.2	1.8	6.11	1.2	0.3	1.1	0.2	1.03	0.2	0.6	< 0.1
A300936	15.2	2.6	1.5	0.77	0.086	0.12	< 0.02	0.41	0.35	0.04	0.62	135	15.3	24.3	3.9	13.9	2.9	0.8	3.0	0.4	2.44	0.5	1.2	0.2
A300937	11.3	2.7	1.3	0.73	0.113	0.11	0.02	0.56	0.34	0.04	1.28	232	11.5	21.8	3.0	10.4	2.1	0.6	2.1	0.3	1.87	0.4	1.0	0.1
A300938	10.2	3.4	1.1	0.63	0.072	0.07	< 0.02	0.43	0.36	0.04	0.49	137	13.3	25.6	3.4	11.5	2.3	0.6	2.1	0.3	1.65	0.3	0.9	0.1
A300939	9.36	2.2	0.9	0.41	0.098	0.07	< 0.02	0.38	0.37	< 0.02	0.75	162	11.5	21.1	2.8	9.66	1.9	0.5	1.9	0.3	1.62	0.3	0.8	0.1
A300940	4.35	4.2	1.7	0.84	0.107	0.07	< 0.02	0.52	0.31	0.04	0.77	108	9.6	18.4	2.2	7.19	1.3	0.3	1.2	0.2	0.823	0.2	0.4	< 0.1
A300941	5.56	5.2	2.1	0.78	0.069	0.13	0.02	0.49	0.34	0.04	0.73	131	8.0	15.7	2.0	6.52	1.3	0.4	1.2	0.2	0.992	0.2	0.5	< 0.1
A300942	6.15	3.9	1.8	0.54	0.046	0.05	< 0.02	0.45	0.36	< 0.02	0.65	119	8.6	16.5	2.0	6.72	1.3	0.4	1.3	0.2	1.10	0.2	0.6	< 0.1
A300943	5.58	3.8	1.6	0.66	0.147	0.15	< 0.02	0.49	0.27	0.02	0.84	108	9.9	18.5	2.3	7.62	1.4	0.4	1.3	0.2	1.03	0.2	0.5	< 0.1

Analyte Symbol	Y	Zr	Nb	Mo	Ag	Cd	In	Sn	Sb	Te	Cs	Ba	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.01	0.1	0.1	0.01	0.002	0.01	0.02	0.05	0.02	0.02	0.02	0.5	0.5	0.01	0.1	0.02	0.1	0.1	0.1	0.1	0.001	0.1	0.1	0.1
Analysis Method	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
A300944	4.81	4.7	2.0	0.52	0.056	0.16	< 0.02	0.45	0.34	0.02	0.71	117	7.3	14.0	1.7	5.63	1.1	0.3	1.0	0.2	0.859	0.2	0.4	< 0.1
A300945	5.22	3.5	1.2	2.99	0.129	0.22	0.02	0.54	1.49	0.04	1.35	116	10.5	19.3	2.5	8.02	1.5	0.4	1.3	0.2	0.940	0.2	0.4	< 0.1
A300946	6.47	3.7	1.0	3.80	0.192	0.58	0.04	0.47	3.89	0.08	1.96	244	10.4	19.2	2.5	8.85	1.6	0.4	1.5	0.2	1.11	0.2	0.5	< 0.1
A300947	6.32	4.3	1.2	0.64	0.029	0.07	< 0.02	0.42	0.35	0.04	0.59	105	8.1	18.6	2.0	6.80	1.3	0.4	1.3	0.2	1.06	0.2	0.6	< 0.1
A300948	5.89	4.1	1.4	0.46	0.152	0.10	< 0.02	0.56	0.24	0.03	0.67	131	9.8	19.2	2.4	7.83	1.5	0.4	1.2	0.2	0.975	0.2	0.5	< 0.1

Analyte Symbol	Yb	Lu	Hf	Ta	W	Re	Au	Tl	Pb	Th	U
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm
Detection Limit	0.1	0.1	0.1	0.05	0.1	0.001	0.5	0.02	0.01	0.1	0.1
Analysis Method	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
A300788	0.4	< 0.1	< 0.1	< 0.05	0.2	< 0.001	3.4	0.08	63.7	0.6	0.4
A300789	0.4	< 0.1	< 0.1	< 0.05	0.2	< 0.001	2.2	0.07	14.1	0.8	0.5
A300790	0.3	< 0.1	< 0.1	< 0.05	0.1	< 0.001	1.6	0.09	10.9	0.3	0.5
A300791	1.9	0.3	< 0.1	< 0.05	< 0.1	0.002	4.3	0.13	16.1	0.3	2.4
A300792	0.8	0.1	< 0.1	< 0.05	0.2	< 0.001	2.0	0.06	5.78	1.3	1.1
A300793	0.6	< 0.1	< 0.1	< 0.05	0.1	< 0.001	1.6	0.06	13.8	1.9	0.7
A300794	0.9	0.1	< 0.1	< 0.05	0.1	< 0.001	2.1	0.08	13.2	0.7	0.9
A300795	1.2	0.2	< 0.1	< 0.05	0.1	< 0.001	3.0	0.12	15.6	0.6	1.3
A300796	0.8	0.1	< 0.1	< 0.05	0.2	< 0.001	3.0	0.06	10.0	0.6	0.7
A300797	0.5	< 0.1	< 0.1	< 0.05	0.1	< 0.001	2.9	0.05	8.03	0.5	0.6
A300798	0.4	< 0.1	< 0.1	< 0.05	0.1	< 0.001	2.4	0.06	5.88	0.8	0.5
A300799	0.4	< 0.1	< 0.1	< 0.05	0.1	0.001	2.2	0.05	6.33	0.5	0.5
A300800	0.8	0.1	< 0.1	< 0.05	0.2	< 0.001	3.9	0.06	6.03	1.2	0.9
A300801	0.4	< 0.1	< 0.1	< 0.05	0.2	0.001	1.9	0.04	7.18	0.9	0.6
A300802	0.7	0.1	< 0.1	< 0.05	0.2	0.001	4.6	0.05	5.67	0.7	1.3
A300803	1.1	0.2	< 0.1	< 0.05	0.2	0.001	4.0	0.07	5.26	1.0	0.8
A300804	0.5	< 0.1	< 0.1	< 0.05	0.1	< 0.001	2.5	0.04	8.53	1.4	0.6
A300805	0.4	< 0.1	< 0.1	< 0.05	0.2	< 0.001	6.5	0.06	7.42	2.1	0.5
A300806	0.8	0.1	< 0.1	< 0.05	0.1	0.002	4.8	0.09	30.0	1.3	1.0
A300807	0.9	0.1	< 0.1	< 0.05	0.1	< 0.001	3.5	0.06	9.62	0.6	0.7
A300808	0.4	< 0.1	< 0.1	< 0.05	0.2	< 0.001	32.7	0.06	6.17	1.5	0.4
A300809	0.6	< 0.1	< 0.1	< 0.05	0.2	< 0.001	2.3	0.05	5.50	1.1	0.6
A300810	0.7	0.1	< 0.1	< 0.05	0.1	< 0.001	2.4	0.05	5.87	0.7	0.6
A300811	0.5	< 0.1	< 0.1	< 0.05	0.2	< 0.001	5.1	0.05	5.74	1.5	0.5
A300812	0.3	< 0.1	< 0.1	< 0.05	0.1	< 0.001	1.9	0.05	5.90	1.2	0.4
A300813	0.4	< 0.1	< 0.1	< 0.05	0.2	< 0.001	1.5	0.03	6.13	0.5	0.4
A300814	0.4	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	1.7	0.05	8.30	1.2	0.5
A300815	0.4	< 0.1	< 0.1	< 0.05	0.3	< 0.001	2.7	0.06	4.97	1.7	0.5
A300816	0.3	< 0.1	< 0.1	< 0.05	0.2	< 0.001	2.3	0.08	6.28	1.6	0.4
A300817	0.4	< 0.1	< 0.1	< 0.05	0.2	< 0.001	2.6	0.06	5.06	1.9	0.5
A300818	0.4	< 0.1	< 0.1	< 0.05	0.2	< 0.001	8.4	0.07	6.10	1.9	0.5
A300819	0.4	< 0.1	< 0.1	< 0.05	0.3	< 0.001	3.2	0.08	6.45	1.4	0.5
A300820	0.4	< 0.1	0.1	< 0.05	0.3	< 0.001	3.4	0.09	7.63	2.1	0.5
A300821	0.6	< 0.1	0.1	< 0.05	0.3	< 0.001	9.2	0.11	5.85	1.7	0.7
A300822	0.8	0.1	< 0.1	< 0.05	0.2	0.003	1.7	0.10	8.17	2.0	0.7
A300823	0.5	< 0.1	< 0.1	< 0.05	0.1	< 0.001	6.7	0.08	8.68	1.1	0.5
A300824	0.4	< 0.1	< 0.1	< 0.05	0.4	< 0.001	2.4	0.05	4.53	2.9	0.6
A300825	0.5	< 0.1	< 0.1	< 0.05	0.3	< 0.001	4.7	0.05	5.61	1.0	0.5
A300826	0.4	< 0.1	< 0.1	< 0.05	0.2	< 0.001	8.0	0.05	7.21	2.1	0.6
A300827	0.5	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	2.0	0.03	4.08	0.3	0.7
A300828	1.0	0.2	< 0.1	< 0.05	3.5	0.001	2.2	0.10	5.82	1.0	1.3
A300829	0.6	< 0.1	< 0.1	< 0.05	0.2	< 0.001	8340	0.08	6.17	0.7	0.8
A300830	0.7	0.1	< 0.1	< 0.05	0.1	< 0.001	6.0	0.07	5.54	0.6	1.0
A300831	0.8	0.1	< 0.1	< 0.05	< 0.1	< 0.001	3.4	0.09	6.87	1.0	1.1
A300832	0.8	0.1	< 0.1	< 0.05	< 0.1	< 0.001	3.6	0.08	8.00	0.9	1.6
A300833	0.6	< 0.1	< 0.1	< 0.05	0.1	< 0.001	2.4	0.06	5.39	1.5	0.8
A300834	0.7	0.1	< 0.1	< 0.05	0.5	< 0.001	2.1	0.06	6.60	1.0	1.1
A300835	0.7	< 0.1	< 0.1	< 0.05	0.1	< 0.001	3.4	0.07	6.26	0.6	1.1
A300836	0.6	< 0.1	< 0.1	< 0.05	0.1	< 0.001	2.6	0.07	6.44	0.5	0.8
A300837	0.6	< 0.1	< 0.1	< 0.05	0.1	< 0.001	2.0	0.04	3.75	0.8	0.7
A300838	0.8	0.1	< 0.1	< 0.05	0.2	0.001	8.3	0.05	16.3	0.7	0.9
A300839	0.6	< 0.1	< 0.1	< 0.05	0.2	< 0.001	1.6	0.06	6.11	1.1	0.7

Analyte Symbol	Yb	Lu	Hf	Ta	W	Re	Au	Tl	Pb	Th	U
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm
Detection Limit	0.1	0.1	0.1	0.05	0.1	0.001	0.5	0.02	0.01	0.1	0.1
Analysis Method	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
A300840	0.4	< 0.1	< 0.1	< 0.05	0.2	< 0.001	4.5	0.05	5.85	1.4	0.6
A300841	0.4	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	2.1	0.05	5.41	1.2	0.4
A300842	0.9	0.1	< 0.1	< 0.05	0.1	< 0.001	2.1	0.06	5.11	0.9	1.4
A300843	1.0	0.1	< 0.1	< 0.05	0.2	< 0.001	2.5	0.09	6.60	1.6	1.2
A300844	0.6	< 0.1	< 0.1	< 0.05	0.1	< 0.001	1.2	0.05	4.95	1.0	0.7
A300845	0.6	< 0.1	< 0.1	< 0.05	0.1	< 0.001	1.9	0.06	4.83	1.3	0.6
A300846	0.5	< 0.1	< 0.1	< 0.05	0.1	< 0.001	1.4	0.04	4.08	0.7	0.6
A300847	0.5	< 0.1	< 0.1	< 0.05	0.1	0.001	1.5	0.05	5.72	0.8	0.9
A300848	0.5	< 0.1	< 0.1	< 0.05	0.1	< 0.001	1.6	0.05	4.24	1.3	0.6
A300849	0.7	< 0.1	< 0.1	< 0.05	0.1	< 0.001	2.0	0.07	7.03	1.0	0.8
A300850	0.6	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	1.5	0.04	4.16	0.6	0.6
A300851	0.5	< 0.1	< 0.1	< 0.05	0.2	< 0.001	2.0	0.05	5.08	1.1	0.5
A300852	0.4	< 0.1	< 0.1	< 0.05	0.2	< 0.001	2.1	0.04	4.45	1.2	0.5
A300853	0.5	< 0.1	< 0.1	< 0.05	0.1	< 0.001	2.9	0.06	4.44	1.5	0.6
A300854	0.4	< 0.1	< 0.1	< 0.05	0.1	< 0.001	1.2	0.04	4.45	1.0	0.5
A300855	0.4	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	1.3	0.04	4.78	0.8	0.4
A300856	0.4	< 0.1	< 0.1	< 0.05	0.1	< 0.001	1.6	0.05	4.58	1.6	0.4
A300857	0.6	< 0.1	< 0.1	< 0.05	0.1	< 0.001	2.2	0.05	4.25	1.5	0.5
A300858	0.5	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	2.1	0.05	3.61	1.5	0.6
A300859	0.5	< 0.1	< 0.1	< 0.05	0.1	< 0.001	5.8	0.07	4.70	1.6	0.5
A300860	< 0.1	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 0.5	< 0.02	0.10	0.1	< 0.1
A300861	0.5	< 0.1	< 0.1	< 0.05	0.2	< 0.001	4.0	0.08	5.54	1.5	0.5
A300862	0.6	< 0.1	< 0.1	< 0.05	0.3	< 0.001	2.7	0.07	5.87	2.3	0.6
A300863	0.5	< 0.1	< 0.1	< 0.05	0.1	< 0.001	2.7	0.04	3.49	1.3	0.5
A300864	0.5	< 0.1	< 0.1	< 0.05	0.1	< 0.001	1.8	0.05	6.64	0.6	0.7
A300865	0.7	< 0.1	< 0.1	< 0.05	0.1	0.001	2.2	0.05	5.38	1.1	1.0
A300866	0.5	< 0.1	< 0.1	< 0.05	0.1	< 0.001	2.7	0.04	4.80	1.4	0.5
A300867	0.5	< 0.1	< 0.1	< 0.05	0.1	< 0.001	1.3	0.04	4.99	1.4	0.5
A300868	0.4	< 0.1	< 0.1	< 0.05	0.2	< 0.001	1.7	0.04	5.62	1.7	0.5
A300869	0.4	< 0.1	< 0.1	< 0.05	0.2	< 0.001	10.4	0.05	6.45	1.6	0.6
A300870	0.4	< 0.1	< 0.1	< 0.05	0.1	< 0.001	2.1	0.05	4.83	1.1	0.4
A300871	0.4	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	1.6	0.05	5.69	0.8	0.6
A300872	0.4	< 0.1	< 0.1	< 0.05	0.1	< 0.001	2.2	0.05	4.47	1.1	0.5
A300873	0.4	< 0.1	< 0.1	< 0.05	0.2	< 0.001	1.9	0.05	5.28	1.7	0.5
A300874	0.7	0.1	< 0.1	< 0.05	0.1	< 0.001	5.7	0.04	4.15	1.4	0.6
A300875	0.6	< 0.1	< 0.1	< 0.05	0.1	< 0.001	2.1	0.04	4.29	0.6	0.8
A300876	0.8	0.1	< 0.1	< 0.05	0.2	< 0.001	2.7	0.08	4.34	0.6	0.8
A300877	0.5	< 0.1	< 0.1	< 0.05	0.2	< 0.001	9.8	0.06	5.27	1.7	0.5
A300878	0.5	< 0.1	< 0.1	< 0.05	0.1	< 0.001	2.9	0.07	5.43	1.3	0.5
A300879	0.4	< 0.1	< 0.1	< 0.05	0.1	< 0.001	1.6	0.07	5.50	1.7	0.5
A300880	0.7	0.1	< 0.1	< 0.05	0.2	< 0.001	5.1	0.04	3.29	1.7	0.9
A300881	0.4	< 0.1	< 0.1	< 0.05	0.1	< 0.001	1.9	0.05	5.83	1.8	0.5
A300882	0.6	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	2.4	0.05	5.16	1.2	0.7
A300883	0.8	0.1	< 0.1	< 0.05	0.2	< 0.001	3.8	0.05	4.71	2.1	0.6
A300884	0.4	< 0.1	< 0.1	< 0.05	0.2	< 0.001	2.5	0.05	5.49	1.1	0.5
A300885	0.9	0.1	< 0.1	< 0.05	< 0.1	0.001	2.7	0.07	5.67	1.1	2.5
A300886	0.7	0.1	< 0.1	< 0.05	< 0.1	0.005	2.2	0.04	3.93	0.4	1.4
A300887	0.7	< 0.1	< 0.1	< 0.05	0.1	0.001	2.1	0.06	4.83	0.5	1.2
A300888	0.9	0.1	< 0.1	< 0.05	0.2	0.001	3.1	0.06	5.11	0.9	1.1
A300889	0.4	< 0.1	< 0.1	< 0.05	0.3	< 0.001	10.0	0.07	5.67	2.3	0.6
A300890	0.7	0.1	< 0.1	< 0.05	0.2	< 0.001	15.2	0.07	5.89	1.4	1.0
A300891	0.9	0.1	< 0.1	< 0.05	0.2	< 0.001	3.4	0.11	6.17	0.8	1.9

Analyte Symbol	Yb	Lu	Hf	Ta	W	Re	Au	Tl	Pb	Th	U
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm
Detection Limit	0.1	0.1	0.1	0.05	0.1	0.001	0.5	0.02	0.01	0.1	0.1
Analysis Method	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
A300892	0.7	0.1	< 0.1	< 0.05	0.2	0.004	2.6	0.08	5.40	0.2	5.0
A300893	0.8	0.1	< 0.1	< 0.05	0.1	< 0.001	1.9	0.06	6.15	0.7	1.3
A300894	0.6	< 0.1	< 0.1	< 0.05	0.1	< 0.001	1.8	0.05	5.51	0.6	0.7
A300895	0.6	< 0.1	< 0.1	< 0.05	0.2	< 0.001	3.6	0.07	6.72	1.9	0.5
A300896	0.7	0.1	< 0.1	< 0.05	0.2	< 0.001	3.7	0.04	4.42	1.7	0.8
A300897	1.1	0.2	< 0.1	< 0.05	0.1	< 0.001	3.1	0.09	6.70	1.2	1.2
A300898	0.9	0.1	< 0.1	< 0.05	0.2	< 0.001	3.2	0.06	5.43	1.1	1.2
A300899	0.4	< 0.1	< 0.1	< 0.05	0.2	< 0.001	1.6	0.05	5.48	1.6	0.6
A300900	0.9	0.1	< 0.1	< 0.05	0.1	< 0.001	3.0	0.05	4.43	1.2	0.8
A300901	0.4	< 0.1	< 0.1	< 0.05	0.3	< 0.001	3.7	0.05	4.58	1.4	0.5
A300902	0.6	< 0.1	< 0.1	< 0.05	0.2	< 0.001	2.1	0.03	3.81	1.0	0.6
A300903	0.4	< 0.1	< 0.1	< 0.05	0.2	< 0.001	9.5	0.06	5.98	1.9	0.5
A300904	0.6	< 0.1	< 0.1	< 0.05	0.1	< 0.001	2.2	0.07	6.05	1.0	0.7
A300905	0.7	0.1	< 0.1	< 0.05	0.1	< 0.001	2.1	0.04	4.07	1.3	0.6
A300906	0.6	< 0.1	< 0.1	< 0.05	0.1	< 0.001	4.5	0.08	5.88	2.0	0.6
A300907	0.4	< 0.1	< 0.1	< 0.05	0.2	< 0.001	2.4	0.04	4.23	1.3	0.4
A300908	0.5	< 0.1	< 0.1	< 0.05	0.4	< 0.001	2.3	0.07	5.89	1.0	0.5
A300909	0.3	< 0.1	< 0.1	< 0.05	0.2	< 0.001	6.6	0.06	5.72	1.5	0.4
A300910	0.4	< 0.1	< 0.1	< 0.05	0.2	< 0.001	1.3	0.06	5.30	1.3	0.4
A300911	0.4	< 0.1	< 0.1	< 0.05	0.2	< 0.001	2.8	0.07	4.72	1.0	0.5
A300912	0.4	< 0.1	< 0.1	< 0.05	0.1	< 0.001	18.3	0.05	4.45	1.3	0.4
A300913	0.4	< 0.1	< 0.1	< 0.05	0.1	< 0.001	1.4	0.05	4.80	1.6	0.5
A300914	0.8	0.1	< 0.1	< 0.05	< 0.1	< 0.001	1.5	0.05	4.18	1.1	1.0
A300915	0.6	< 0.1	< 0.1	< 0.05	0.1	< 0.001	1.5	0.03	3.55	1.4	0.7
A300916	0.6	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	2.2	0.04	4.05	0.8	0.6
A300917	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	2.0	0.03	4.75	0.9	0.4
A300918	0.4	< 0.1	< 0.1	< 0.05	0.1	< 0.001	1.5	0.05	4.45	1.7	0.5
A300919	0.5	< 0.1	< 0.1	< 0.05	0.2	< 0.001	3.3	0.04	4.75	1.9	0.5
A300920	0.7	0.1	< 0.1	< 0.05	0.2	< 0.001	4.1	0.05	4.49	1.0	1.1
A300921	0.7	0.1	< 0.1	< 0.05	0.3	< 0.001	6.4	0.09	5.30	1.5	0.7
A300922	0.4	< 0.1	< 0.1	< 0.05	0.1	< 0.001	1.4	0.05	5.56	1.2	0.5
A300923	0.7	< 0.1	< 0.1	< 0.05	0.1	< 0.001	2.9	0.07	4.50	1.7	1.0
A300924	0.3	< 0.1	< 0.1	< 0.05	0.1	< 0.001	1.0	0.06	5.80	1.2	0.3
A300925	0.4	< 0.1	< 0.1	< 0.05	0.1	< 0.001	2.5	0.07	5.81	1.3	0.5
A300926	0.4	< 0.1	< 0.1	< 0.05	0.1	< 0.001	1.6	0.06	6.61	1.3	0.5
A300927	0.4	< 0.1	< 0.1	< 0.05	0.1	< 0.001	1.5	0.10	6.24	1.4	0.5
A300928	0.4	< 0.1	< 0.1	< 0.05	0.1	< 0.001	2.3	0.07	6.42	2.2	1.0
A300929	0.5	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	1.8	0.05	4.36	1.9	0.5
A300930	0.4	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	2.2	0.05	3.80	1.3	0.4
A300931	0.7	< 0.1	< 0.1	< 0.05	0.2	< 0.001	3.8	0.06	4.81	1.7	0.7
A300932	0.6	< 0.1	< 0.1	< 0.05	0.2	< 0.001	1.7	0.03	3.26	0.9	0.6
A300933	1.0	0.2	< 0.1	< 0.05	< 0.1	< 0.001	2.5	0.06	4.75	1.2	1.9
A300934	0.6	< 0.1	< 0.1	< 0.05	0.1	< 0.001	1.6	0.05	4.21	1.2	0.9
A300935	0.5	< 0.1	< 0.1	< 0.05	0.2	< 0.001	4.0	0.04	3.44	1.3	0.4
A300936	1.0	0.2	< 0.1	< 0.05	0.2	< 0.001	2.4	0.06	3.79	1.6	1.5
A300937	0.9	0.1	< 0.1	< 0.05	0.1	< 0.001	4.6	0.07	5.23	1.4	1.0
A300938	0.7	0.1	< 0.1	< 0.05	0.3	< 0.001	51.6	0.05	3.81	1.9	0.7
A300939	0.7	< 0.1	< 0.1	< 0.05	0.1	< 0.001	4.2	0.06	3.54	1.5	0.6
A300940	0.3	< 0.1	< 0.1	< 0.05	0.1	< 0.001	5.8	0.05	5.50	1.8	0.4
A300941	0.4	< 0.1	< 0.1	< 0.05	0.2	< 0.001	5.0	0.04	4.61	1.6	0.5
A300942	0.5	< 0.1	< 0.1	< 0.05	0.2	< 0.001	1.1	0.04	4.14	1.3	0.5
A300943	0.4	< 0.1	< 0.1	< 0.05	0.2	< 0.001	1.3	0.05	5.03	1.5	0.5

Analyte Symbol	Yb	Lu	Hf	Ta	W	Re	Au	Tl	Pb	Th	U
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm
Detection Limit	0.1	0.1	0.1	0.05	0.1	0.001	0.5	0.02	0.01	0.1	0.1
Analysis Method	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
A300944	0.4	< 0.1	< 0.1	< 0.05	0.2	< 0.001	3.0	0.04	4.40	1.3	0.4
A300945	0.4	< 0.1	< 0.1	< 0.05	0.1	< 0.001	1.4	0.12	13.1	1.6	0.4
A300946	0.5	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	3.5	0.28	17.4	1.4	0.4
A300947	0.5	< 0.1	< 0.1	< 0.05	0.1	< 0.001	4.5	0.04	4.10	1.6	0.5
A300948	0.4	< 0.1	< 0.1	< 0.05	0.1	< 0.001	1.8	0.05	4.72	1.4	0.4

Quality Control

Analyte Symbol	Li	Be	B	Na	Mg	Al	K	Bi	Ca	Sc	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Rb	Sr
Unit Symbol	ppm	ppm	ppm	%	%	%	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.1	0.1	1	0.001	0.01	0.01	0.01	0.02	0.01	0.1	1	0.5	1	0.01	0.1	0.1	0.01	0.1	0.02	0.1	0.1	0.1	0.1	0.5
Analysis Method	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
GXR-1 Meas	5.1	0.8	13	0.051	0.16	0.35	0.03	1240	0.96	1.3	80	7.5	852	23.4	8.0	41.2	1030	669	4.57		425	16.5	2.7	198
GXR-1 Cert	8.20	1.22	15.0	0.0520	0.217	3.52	0.0500	1380	0.960	1.58	80.0	12.0	852	23.6	8.20	41.0	1110	760	13.8		427	16.6	14.0	275
GXR-4 Meas	9.6	1.5	4	0.160	1.65	2.92	1.73	19.7	1.02	6.8	73	63.4	135	2.89	14.5	43.6	5900	72.2	13.2		110	6.2	97.5	74.8
GXR-4 Cert	11.1	1.90	4.50	0.564	1.66	7.20	4.01	19.0	1.01	7.70	87.0	64.0	155	3.09	14.6	42.0	6520	73.0	20.0		98.0	5.60	160	221
GXR-2 Meas	53.2	1.2	26	0.179	0.51	3.58	0.68	0.31	0.85	4.8	54	30.3	1040	1.82	9.1	20.3	92.7	526	13.1		13.3	0.6	64.5	96.7
GXR-2 Cert	54.0	1.70	42.0	0.556	0.850	16.5	1.37	0.690	0.930	6.88	52.0	36.0	1010	1.86	8.60	21.0	76.0	530	37.0		25.0	0.610	78.0	160
GXR-6 Meas	26.5	1.0	5	0.085	0.41	7.62	1.19	0.18	0.18	23.8	181	86.0	1050	5.32	13.9	26.2	75.0	127	18.3		244	0.7	76.7	35.4
GXR-6 Cert	32.0	1.40	9.80	0.104	0.609	17.7	1.87	0.290	0.180	27.6	186	96.0	1010	5.58	13.8	27.0	66.0	118	35.0		330	0.940	90.0	35.0
OREAS 13P Meas														5.28		1990	2350							
OREAS 13P Cert														7.58		2260	2500							
A300800 Orig	13.2	0.4	6	0.049	0.81	1.73	0.07	0.09	1.35	6.9	109	63.2	543	3.04	12.8	29.3	63.7	48.4	6.34	0.1	6.7	0.9	10.6	95.1
A300800 Dup	13.7	0.4	6	0.047	0.82	1.74	0.08	0.09	1.40	7.1	107	61.2	565	3.18	13.3	30.1	62.3	49.2	6.13	0.1	5.8	1.1	11.2	98.7
A300814 Orig	12.0	0.2	4	0.025	0.36	1.74	0.05	0.10	0.70	3.9	70	30.3	162	1.63	5.0	9.4	16.3	34.9	8.57	< 0.1	2.4	0.5	8.7	73.7
A300814 Dup	11.6	0.2	3	0.025	0.35	1.68	0.05	0.10	0.67	3.9	68	30.6	155	1.54	4.7	9.0	16.3	34.5	8.69	< 0.1	2.9	0.6	8.5	73.3
A300827 Orig	0.7	0.3	5	0.024	0.17	0.53	0.02	< 0.02	4.39	0.8	9	8.4	260	0.35	1.4	12.7	54.1	8.2	0.13	0.2	0.3	1.1	1.6	142
A300827 Dup	1.0	0.2	11	0.023	0.18	0.55	0.02	< 0.02	4.72	0.7	14	8.6	270	0.38	1.8	14.9	60.1	8.9	< 0.02	0.2	1.4	1.3	1.8	166
A300841 Orig	11.2	0.2	3	0.038	0.40	1.43	0.05	0.07	0.86	3.7	77	32.5	218	1.84	5.7	11.6	10.5	29.7	6.70	< 0.1	1.0	0.6	10.2	72.9
A300841 Dup	10.6	0.2	4	0.038	0.39	1.36	0.05	0.05	0.87	3.7	82	35.1	209	1.80	5.5	11.7	10.7	28.0	6.44	< 0.1	1.1	0.5	10.0	74.5
A300864 Orig	10.1	0.3	5	0.045	0.48	1.70	0.06	0.08	1.75	4.0	84	39.7	478	2.30	9.2	17.3	27.8	44.3	6.62	< 0.1	3.1	0.8	12.8	75.1
A300864 Dup	9.3	0.4	2	0.040	0.47	1.67	0.06	0.09	1.79	3.6	81	39.2	503	2.29	9.3	17.3	29.2	41.5	6.02	< 0.1	2.3	0.7	11.9	67.9
A300878 Orig	13.1	0.3	4	0.041	0.45	2.04	0.06	0.07	0.89	4.8	92	39.1	524	2.26	14.3	22.3	24.7	45.7	6.13	< 0.1	2.8	0.7	13.4	71.1
A300878 Dup	12.4	0.3	4	0.041	0.45	2.04	0.06	0.08	0.85	4.7	87	39.6	525	2.20	13.7	21.5	24.6	51.1	6.47	< 0.1	2.2	0.6	12.6	65.9
A300891 Orig	9.6	0.4	5	0.047	0.58	1.61	0.08	0.10	1.95	4.5	104	57.8	1340	2.90	14.1	28.4	86.7	50.8	5.46	0.1	6.5	1.2	12.3	100
A300891 Dup	9.4	0.4	5	0.043	0.55	1.52	0.08	0.09	1.89	4.2	97	54.3	1320	2.83	14.1	27.9	84.3	49.2	4.62	0.1	6.5	1.3	11.5	93.5
A300905 Orig	7.5	0.3	4	0.048	0.47	1.39	0.06	0.05	1.16	4.7	96	44.6	310	2.40	8.2	20.1	27.5	28.4	4.86	< 0.1	4.2	0.7	7.4	83.2
A300905 Dup	7.6	0.3	5	0.060	0.49	1.46	0.07	0.05	1.18	4.7	120	47.9	323	2.53	8.4	20.5	28.6	28.7	5.13	0.1	3.7	0.7	7.5	85.2
A300923 Orig	17.2	0.3	4	0.047	0.47	1.42	0.06	0.06	1.16	5.2	123	43.3	263	2.20	6.3	22.7	34.0	31.9	4.47	< 0.1	4.9	0.9	8.6	78.9
A300923 Dup	17.1	0.3	4	0.046	0.45	1.41	0.05	0.06	1.16	5.1	75	42.5	260	2.17	6.2	22.2	33.1	31.7	4.27	< 0.1	4.8	0.8	8.6	75.2
A300937 Orig	19.4	0.5	3	0.053	0.75	2.42	0.08	0.10	1.22	6.5	93	52.9	409	3.03	11.4	30.0	53.5	50.7	7.34	0.1	4.5	0.8	14.4	82.2
A300937 Dup	18.2	0.4	3	0.052	0.74	2.42	0.08	0.09	1.20	6.3	83	53.7	413	3.06	11.2	29.5	51.9	48.4	6.95	0.1	3.9	0.7	13.7	76.5
Method Blank Method Blank	< 0.1	< 0.1	< 1	< 0.001	< 0.01	< 0.01	< 0.01	< 0.02	< 0.01	< 0.1	< 1	< 0.5	< 1	< 0.01	< 0.1	< 0.1	< 0.01	< 0.1	< 0.02	< 0.1	< 0.1	< 0.1	< 0.1	< 0.5

Quality Control

Analyte Symbol	Y	Zr	Nb	Mo	Ag	Cd	In	Sn	Sb	Te	Cs	Ba	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.01	0.1	0.1	0.01	0.002	0.01	0.02	0.05	0.02	0.02	0.02	0.5	0.5	0.01	0.1	0.02	0.1	0.1	0.1	0.1	0.001	0.1	0.1	0.1
Analysis Method	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
GXR-1 Meas	31.6	23.8	0.6	19.5	30.6	2.43	0.76	27.3	83.2	13.1	2.79	211	6.3	12.9		6.53	2.3	0.5	3.6	0.7	4.44			0.4
GXR-1 Cert	32.0	38.0	0.800	18.0	31.0	3.30	0.770	54.0	122	13.0	3.00	750	7.50	17.0		18.0	2.70	0.690	4.20	0.830	4.30			0.430
GXR-4 Meas	14.3	14.1	0.4	309	3.50	0.11	0.21	6.41	3.21	0.90	2.62	26.6	46.6	82.2		37.9	5.9	1.3	4.5	0.5	2.64			0.2
GXR-4 Cert	14.0	186	10.0	310	4.00	0.860	0.270	5.60	4.80	0.970	2.80	1640	64.5	102		45.0	6.60	1.63	5.25	0.360	2.60			0.210
GXR-2 Meas	13.9	14.0	2.8	1.00	18.6	3.96	0.05	1.40	28.1	0.50	4.83	1170	23.4	44.7		18.3	3.3	0.6	2.8	0.4	2.21			0.2
GXR-2 Cert	17.0	269	11.0	2.10	17.0	4.10	0.252	1.70	49.0	0.690	5.20	2240	25.6	51.4		19.0	3.50	0.810	3.30	0.480	3.30			0.300
GXR-6 Meas	8.61	14.0	0.1	1.82	0.307	0.09	0.07	1.24	1.96	0.05	3.93	1040	13.0	34.8		12.2	2.4	0.6	2.0	0.3	1.61			0.1
GXR-6 Cert	14.0	110	7.50	2.40	1.30	1.00	0.260	1.70	3.60	0.0180	4.20	1300	13.9	36.0		13.0	2.67	0.760	2.97	0.415	2.80			0.0320
OREAS 13P Meas																								
OREAS 13P Cert																								
A300800 Orig	12.1	3.0	1.3	0.58	0.159	0.33	< 0.02	0.45	0.69	0.07	0.79	95.0	11.4	24.3	2.9	9.84	2.0	0.6	2.0	0.3	1.74	0.4	1.0	0.2
A300800 Dup	12.5	3.0	1.4	0.63	0.169	0.34	0.02	0.45	0.74	0.07	0.85	104	12.5	25.9	3.1	10.3	2.2	0.6	2.3	0.3	1.99	0.4	1.1	0.2
A300814 Orig	5.51	2.1	1.9	0.60	0.216	0.17	< 0.02	0.75	0.27	0.04	0.63	120	12.3	23.5	2.9	9.21	1.6	0.4	1.4	0.2	1.05	0.2	0.5	< 0.1
A300814 Dup	5.46	2.2	1.8	0.59	0.213	0.17	< 0.02	0.71	0.26	0.02	0.58	119	11.6	23.1	3.0	9.43	1.7	0.4	1.4	0.2	0.997	0.2	0.5	< 0.1
A300827 Orig	8.74	2.0	0.3	1.21	0.278	0.75	< 0.02	0.24	0.98	0.02	0.15	173	7.9	6.83	2.0	7.47	1.6	0.4	1.6	0.2	1.18	0.2	0.6	< 0.1
A300827 Dup	9.85	2.2	0.4	1.23	0.310	0.86	< 0.02	0.23	1.07	0.06	0.16	188	8.9	7.51	2.2	7.92	1.6	0.4	1.6	0.2	1.24	0.3	0.7	< 0.1
A300841 Orig	5.27	3.9	1.7	0.73	0.077	0.09	< 0.02	0.56	0.23	0.03	0.65	102	8.4	16.6	2.0	6.68	1.2	0.3	1.2	0.2	0.960	0.2	0.5	< 0.1
A300841 Dup	5.29	4.1	1.6	0.67	0.073	0.10	< 0.02	0.58	0.23	0.04	0.61	99.8	7.7	15.5	2.0	6.26	1.2	0.3	1.0	0.2	0.943	0.2	0.5	< 0.1
A300864 Orig	7.25	2.8	2.2	0.55	0.184	0.19	0.02	0.63	0.25	0.04	0.83	151	9.7	18.8	2.5	8.55	1.7	0.4	1.5	0.2	1.19	0.2	0.7	0.1
A300864 Dup	6.39	2.6	1.8	0.56	0.209	0.23	< 0.02	0.60	0.20	0.05	0.79	158	8.8	16.4	2.2	7.48	1.5	0.4	1.5	0.2	1.22	0.2	0.6	< 0.1
A300878 Orig	7.07	2.4	1.2	0.55	0.082	0.13	0.02	0.63	0.24	0.03	1.04	228	10.6	21.4	2.6	8.43	1.6	0.4	1.5	0.2	1.24	0.3	0.6	< 0.1
A300878 Dup	6.77	2.5	1.2	0.56	0.090	0.13	0.02	0.87	0.26	0.04	1.04	222	10.1	20.5	2.5	8.78	1.7	0.5	1.6	0.2	1.21	0.2	0.6	< 0.1
A300891 Orig	13.6	2.7	1.4	2.65	0.379	0.33	0.02	0.56	0.46	0.03	0.92	168	15.4	28.1	4.0	14.1	2.7	0.7	2.6	0.4	2.08	0.4	1.2	0.2
A300891 Dup	12.8	2.6	1.3	2.56	0.356	0.31	0.02	0.47	0.41	0.04	0.92	172	15.9	28.0	3.9	13.1	2.6	0.6	2.5	0.4	2.21	0.5	1.1	0.2
A300905 Orig	9.59	3.1	1.4	0.53	0.062	0.08	< 0.02	0.44	0.34	0.04	0.55	123	12.5	23.7	3.0	10.2	1.9	0.5	1.8	0.3	1.57	0.3	0.8	0.1
A300905 Dup	9.90	3.2	1.4	0.59	0.066	0.08	< 0.02	0.49	0.36	0.03	0.57	124	12.2	23.8	3.1	10.6	2.1	0.5	2.0	0.3	1.59	0.3	0.8	0.1
A300923 Orig	8.86	3.1	1.7	1.03	0.145	0.08	< 0.02	0.49	0.38	0.05	0.56	109	11.7	22.5	2.9	9.78	1.9	0.5	1.8	0.3	1.46	0.3	0.8	0.1
A300923 Dup	8.37	3.1	1.6	1.08	0.157	0.08	< 0.02	0.51	0.38	0.05	0.57	110	10.9	21.0	2.7	9.01	1.8	0.5	1.8	0.3	1.48	0.3	0.7	0.1
A300937 Orig	11.5	2.8	1.3	0.72	0.118	0.12	0.02	0.56	0.33	0.04	1.27	230	11.9	22.3	3.0	10.6	2.1	0.5	2.1	0.3	1.86	0.4	1.0	0.1
A300937 Dup	11.0	2.7	1.3	0.75	0.108	0.10	0.02	0.57	0.34	0.05	1.29	233	11.2	21.3	2.9	10.2	2.1	0.6	2.2	0.3	1.89	0.4	1.0	0.1
Method Blank Method Blank	< 0.01	< 0.1	< 0.1	< 0.01	< 0.002	< 0.01	< 0.02	< 0.05	< 0.02	< 0.02	< 0.02	< 0.5	< 0.5	< 0.01	< 0.1	< 0.02	< 0.1	< 0.1	< 0.1	< 0.1	< 0.001	< 0.1	< 0.1	< 0.1

Quality Control

Analyte Symbol	Yb	Lu	Hf	Ta	W	Re	Au	Tl	Pb	Th	U
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm
Detection Limit	0.1	0.1	0.1	0.05	0.1	0.001	0.5	0.02	0.01	0.1	0.1
Analysis Method	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
GXR-1 Meas	2.1	0.3	0.2	< 0.05	168		3330	0.41	671	2.3	29.6
GXR-1 Cert	1.90	0.280	0.960	0.175	164		3300	0.390	730	2.44	34.9
GXR-4 Meas	0.9	0.1	0.3	< 0.05	14.6		429	3.22	51.4	16.1	5.2
GXR-4 Cert	1.60	0.170	6.30	0.790	30.8		470	3.20	52.0	22.5	6.20
GXR-2 Meas	0.9	0.1	< 0.1	< 0.05	0.1		23.5	0.72	618	4.3	1.7
GXR-2 Cert	2.04	0.270	8.30	0.900	1.90		36.0	1.03	690	8.80	2.90
GXR-6 Meas	0.8	0.1	0.1	< 0.05	< 0.1		74.1	2.20	101	3.7	0.9
GXR-6 Cert	2.40	0.330	4.30	0.485	1.90		95.0	2.20	101	5.30	1.54
OREAS 13P Meas							46.7				
OREAS 13P Cert							48.0				
A300800 Orig	0.9	0.1	< 0.1	< 0.05	0.1	< 0.001	3.9	0.06	6.11	1.2	0.8
A300800 Dup	0.8	0.1	< 0.1	< 0.05	0.2	< 0.001	3.9	0.06	5.94	1.3	0.9
A300814 Orig	0.4	< 0.1	< 0.1	< 0.05	0.8	< 0.001	2.0	0.05	8.25	1.7	0.6
A300814 Dup	0.4	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	1.4	0.05	8.34	0.8	0.5
A300827 Orig	0.5	< 0.1	< 0.1	< 0.05	< 0.1	0.001	2.1	0.03	4.22	0.3	0.7
A300827 Dup	0.6	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	1.8	0.03	3.95	0.2	0.7
A300841 Orig	0.4	< 0.1	< 0.1	< 0.05	0.1	< 0.001	2.0	0.05	5.96	1.1	0.5
A300841 Dup	0.4	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	2.2	0.05	4.86	1.2	0.4
A300864 Orig	0.6	< 0.1	< 0.1	< 0.05	0.1	< 0.001	1.8	0.06	6.94	0.7	0.6
A300864 Dup	0.5	< 0.1	< 0.1	< 0.05	0.1	0.001	1.8	0.05	6.34	0.5	0.7
A300878 Orig	0.5	< 0.1	< 0.1	< 0.05	0.1	< 0.001	1.7	0.07	5.15	1.3	0.5
A300878 Dup	0.5	< 0.1	< 0.1	< 0.05	0.2	< 0.001	4.2	0.07	5.71	1.3	0.5
A300891 Orig	1.0	0.1	< 0.1	< 0.05	0.2	< 0.001	3.5	0.11	6.31	0.8	1.8
A300891 Dup	0.9	0.1	< 0.1	< 0.05	0.2	0.001	3.3	0.11	6.02	0.9	1.9
A300905 Orig	0.7	0.1	< 0.1	< 0.05	0.1	< 0.001	2.0	0.04	4.07	1.3	0.6
A300905 Dup	0.7	0.1	< 0.1	< 0.05	0.1	< 0.001	2.3	0.04	4.07	1.4	0.6
A300923 Orig	0.7	0.1	< 0.1	< 0.05	0.1	< 0.001	3.0	0.07	4.65	1.7	1.0
A300923 Dup	0.7	< 0.1	< 0.1	< 0.05	0.1	0.001	2.9	0.07	4.35	1.7	1.0
A300937 Orig	0.9	0.1	< 0.1	< 0.05	0.1	< 0.001	2.2	0.07	5.08	1.4	0.9
A300937 Dup	0.9	0.1	< 0.1	< 0.05	0.1	< 0.001	7.0	0.07	5.38	1.4	1.0
Method Blank Method Blank	< 0.1	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 0.5	< 0.02	< 0.01	< 0.1	< 0.1

Quality Analysis ... *Innovative Technologies*

Date Submitted: 09-Sep-09
Invoice No.: A09-5047
Invoice Date: 06-Oct-09
Your Reference: Mt. Milligan

Terrane Metals Corp
1500-999 West Hastings Street
Vancouver BC V6C 2W2
Canada

ATTN: Kory Dumas

CERTIFICATE OF ANALYSIS

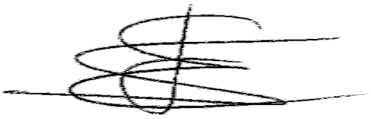
125 Soil samples were submitted for analysis.

The following analytical package was requested: Code UT-1-0.5g Aqua Regia ICP/MS

REPORT **A09-5047**

Notes:
Assays are recommended for values >10,000 for Cu and Au.

CERTIFIED BY :



Emmanuel Eseme , Ph.D.
Quality Control

SCC Accredited LAB 265
LAB 266 Accrédité CCN

ACTIVATION LABORATORIES LTD.

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Analyte Symbol	Li	Be	B	Na	Mg	Al	K	Bi	Ca	Sc	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Rb	Sr
Unit Symbol	ppm	ppm	ppm	%	%	%	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.1	0.1	1	0.001	0.01	0.01	0.01	0.02	0.01	0.1	1	0.5	1	0.01	0.1	0.1	0.01	0.1	0.02	0.1	0.1	0.1	0.1	0.5
Analysis Method	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
A258001	10.7	0.3	4	0.082	0.88	2.26	0.11	0.06	1.37	10.6	185	45.7	565	4.31	11.9	25.4	37.7	38.3	9.00	< 0.1	3.9	1.2	9.7	61.9
A258002	17.3	0.4	3	0.048	0.56	2.54	0.10	0.11	1.21	4.6	90	43.2	661	3.30	15.0	27.1	42.3	52.4	6.05	0.1	3.6	1.1	9.9	58.7
A258003	15.2	0.3	5	0.050	0.50	1.91	0.08	0.07	1.06	6.0	108	45.4	583	3.03	11.0	25.6	39.8	36.1	5.26	0.2	6.1	1.1	8.2	68.2
A258004	6.7	0.3	6	0.060	0.51	1.63	0.06	0.04	1.06	4.3	96	45.1	424	2.49	7.8	16.5	13.7	24.3	4.32	0.2	2.5	1.1	4.5	78.8
A258005	17.2	0.5	4	0.060	0.63	2.44	0.11	0.11	1.37	6.0	109	50.6	596	3.64	14.4	32.3	61.7	53.9	5.98	0.2	3.7	1.3	12.7	72.9
A258006	10.9	1.0	4	0.038	0.50	2.45	0.07	0.11	1.23	3.3	89	45.1	627	2.88	10.7	24.3	43.1	51.6	6.15	0.2	5.6	1.0	10.9	57.6
A258007	9.9	1.2	4	0.037	0.41	2.10	0.06	0.12	1.65	2.9	88	38.4	1270	2.91	11.6	25.1	68.5	69.3	5.58	0.2	5.7	1.5	9.3	63.6
A258008	15.8	0.3	3	0.043	0.71	2.78	0.08	0.09	1.03	4.2	101	40.8	360	3.14	10.7	20.8	23.2	53.3	8.43	0.2	3.7	1.0	9.0	70.4
A258009	11.6	0.4	5	0.037	0.55	2.47	0.08	0.08	0.72	4.7	111	45.1	281	2.91	8.4	17.8	16.8	47.3	9.22	0.2	3.7	1.2	11.0	73.6
A258010	27.1	0.4	5	0.039	0.67	2.71	0.08	0.08	0.77	4.9	162	54.7	277	4.68	15.4	37.6	28.2	48.6	9.24	0.2	4.6	1.1	15.3	65.0
A258011	12.7	0.4	5	0.027	0.33	2.48	0.06	0.13	0.54	3.8	108	39.1	228	3.68	6.9	17.9	26.0	58.2	7.41	0.1	6.1	1.1	10.2	54.1
A258012	24.7	1.1	4	0.030	0.49	3.83	0.08	0.21	0.45	5.1	160	56.8	301	5.71	14.0	33.8	46.3	69.1	9.94	0.1	15.1	1.9	14.2	45.3
A258013	14.1	0.3	6	0.039	0.69	2.14	0.06	0.10	0.98	4.8	90	50.5	336	2.64	9.9	23.0	23.7	43.7	6.28	0.2	5.4	1.0	7.7	74.3
A258014	8.7	0.4	6	0.035	0.48	1.89	0.05	0.06	2.22	2.4	77	47.4	7880	3.33	22.6	49.4	86.6	41.1	4.53	0.2	6.7	2.5	6.3	93.7
A258015	11.5	0.4	4	0.030	0.55	1.88	0.07	0.08	1.18	5.1	88	44.5	1090	3.10	14.2	27.5	50.7	39.3	5.07	0.2	6.4	1.4	7.4	74.4
A258016	8.5	0.5	4	0.028	0.53	1.81	0.05	0.06	1.31	2.6	59	41.8	657	2.04	9.4	21.2	57.9	43.6	4.23	0.2	6.9	1.3	7.4	66.6
A258017	16.1	0.6	5	0.036	0.79	2.63	0.10	0.08	1.38	6.9	115	82.0	799	3.89	16.0	40.8	77.3	57.7	6.26	0.2	6.4	1.4	11.4	78.9
A258018	13.3	0.4	3	0.027	0.90	3.26	0.11	0.14	0.52	3.2	106	66.5	511	3.77	13.9	29.3	43.4	74.5	9.88	0.1	5.8	0.8	19.5	53.8
A258019	15.3	0.2	6	0.032	0.67	2.30	0.08	0.09	0.68	5.9	130	60.1	306	3.87	9.6	22.9	21.8	51.1	8.42	0.2	6.2	1.2	12.7	76.7
A258020	18.7	0.5	4	0.044	0.77	2.86	0.09	0.08	1.30	8.1	95	62.4	826	3.42	15.0	35.8	60.0	58.7	6.38	0.2	5.3	1.2	9.4	73.3
A258021	9.3	0.4	6	0.050	0.70	1.91	0.07	0.06	1.28	5.4	102	51.6	759	3.17	11.6	20.5	41.4	37.2	5.53	0.2	4.7	1.3	7.7	81.7
A258022	13.3	0.3	6	0.050	0.67	2.01	0.08	0.11	1.34	5.1	112	58.2	482	3.60	13.9	25.2	45.3	53.1	6.24	0.2	9.8	1.8	12.2	73.7
A258023	11.6	0.4	4	0.051	0.78	2.22	0.11	0.10	1.29	5.6	92	61.6	649	3.28	12.8	33.2	91.0	44.6	6.01	0.2	7.6	1.5	10.2	64.0
A258024	11.5	0.3	3	0.039	0.63	1.97	0.09	0.08	1.23	4.2	88	46.0	513	3.14	11.4	25.6	49.6	39.3	4.91	0.2	5.8	1.3	10.3	54.1
A258025	23.8	0.9	5	0.040	1.32	4.08	0.15	0.13	1.15	8.6	140	91.5	884	5.01	21.3	60.9	96.2	73.9	9.04	0.2	7.3	1.3	19.6	77.8
A258026	26.6	0.5	4	0.045	1.38	3.88	0.08	0.06	0.67	6.1	130	75.8	432	4.65	19.1	33.3	42.5	60.1	8.48	0.1	5.5	1.1	7.8	48.5
A258027	12.7	0.4	4	0.038	0.54	2.35	0.08	0.06	0.60	4.0	108	50.6	253	3.56	9.3	22.8	23.6	41.8	6.00	0.1	7.0	0.9	8.2	52.7
A258028	14.1	0.5	4	0.037	0.47	2.09	0.09	0.07	0.64	4.0	131	50.6	262	4.15	12.1	25.3	25.5	46.5	6.61	< 0.1	7.0	0.7	8.8	57.1
A258029	15.7	0.3	10	0.040	0.74	2.44	0.14	0.08	0.68	4.0	107	50.3	402	3.52	13.5	26.9	25.7	46.9	7.40	0.1	4.8	0.7	11.4	46.7
A258030	20.7	0.5	4	0.034	0.50	2.63	0.08	0.07	0.62	4.2	126	52.9	254	4.07	11.1	20.2	23.9	54.5	7.35	0.1	4.5	0.9	7.5	47.3
A258031	13.2	0.3	4	0.035	0.48	1.74	0.08	0.04	0.70	3.7	140	58.6	260	3.69	9.6	22.5	18.4	29.5	5.88	0.1	3.7	0.9	10.5	106
A258032	27.9	0.4	6	0.058	1.19	3.02	0.16	0.05	0.92	6.4	150	72.6	317	3.87	14.4	31.0	26.7	44.1	9.06	0.1	3.5	0.9	19.5	100
A258033	19.2	0.3	5	0.040	0.60	2.43	0.09	0.08	0.55	3.8	99	48.1	239	3.63	10.2	19.1	17.1	55.3	7.76	0.1	4.8	0.7	10.8	44.2
A258034	17.9	0.4	2	0.034	0.61	3.52	0.07	0.07	0.55	4.6	142	63.7	455	5.09	12.8	21.1	23.0	53.9	7.03	0.1	5.5	0.7	8.4	42.0
A258035	12.9	0.4	3	0.033	0.43	2.63	0.07	0.09	0.43	4.5	137	50.9	178	3.88	6.4	15.9	14.3	51.9	8.21	< 0.1	2.2	1.0	16.4	41.3
A258036	18.5	0.4	3	0.049	0.87	3.25	0.07	0.05	0.60	4.9	175	65.2	269	5.19	11.3	28.8	55.9	40.1	9.69	0.1	5.6	0.9	7.4	56.8
A258037	11.3	0.3	2	0.042	0.60	2.49	0.06	0.05	0.62	4.1	131	58.7	215	4.33	8.1	22.4	25.6	26.1	6.93	< 0.1	4.1	0.7	6.4	49.4
A258038	14.0	0.3	5	0.049	0.70	2.40	0.08	0.06	0.75	4.7	101	56.4	237	2.97	9.0	24.8	21.9	50.0	7.71	0.1	3.1	0.9	12.2	60.0
A258039	11.7	0.2	3	0.045	1.01	1.98	0.09	0.04	0.70	3.9	93	95.7	463	2.86	14.4	42.1	38.6	35.0	5.05	0.1	2.9	0.7	9.5	57.4
A258040	17.1	0.2	4	0.043	0.88	2.21	0.08	0.04	0.75	4.4	103	84.6	234	2.92	10.9	43.7	54.0	33.4	6.14	0.1	5.0	0.8	8.4	63.7
A258041	29.3	0.2	2	0.043	1.37	2.35	0.49	0.04	0.28	1.7	114	119	209	3.99	11.6	42.0	139	41.8	7.07	0.1	2.5	1.2	27.2	67.7
A258042	8.0	0.2	2	0.028	0.38	1.58	0.08	0.10	0.54	3.4	157	52.5	225	4.11	7.6	17.8	12.5	44.5	8.54	< 0.1	2.7	0.7	24.0	45.2
A258043	11.8	0.1	2	0.047	1.32	2.26	0.09	0.04	0.76	3.4	100	107	351	3.34	16.9	59.7	40.1	59.7	6.95	0.1	1.9	0.6	17.1	45.1
A258044	19.3	0.3	3	0.035	0.58	2.04	0.08	0.08	0.67	4.0	115	59.4	251	3.82	11.3	28.6	18.2	34.5	7.53	0.1	3.5	0.8	20.0	54.4
A258045	23.9	0.6	6	0.047	0.68	2.27	0.09	0.07	1.11	6.7	135	78.1	1040	3.70	21.0	83.5	181	65.3	7.40	0.1	12.0	1.2	16.5	71.8
A258046	13.5	0.4	4	0.045	0.64	2.27	0.06	0.06	0.72	4.0	99	49.9	232	3.05	11.0	29.6	34.0	30.9	6.25	0.1	7.6	0.8	8.9	61.0
A258047	11.6	0.3	4	0.035	0.47	2.13	0.08	0.08	0.62	4.4	121	50.9	362	3.74	9.5	18.9	32.0	37.6	7.63	< 0.1	11.8	0.7	12.9	60.6
A258048	13.3	0.3	3	0.035	0.49	1.97	0.07	0.08	0.76	4.0	124	45.8	359	3.81	11.1	22.2	60.6	40.1	6.97	< 0.1	3.9	0.8	9.7	65.4
A258049	18.9	0.4	4	0.047	0.74	2.31	0.07	0.05	0.72	4.5	145	78.7	253	4.26	10.8	38.7	53.8	37.9	7.36	< 0.1	3.8	0.8	10.0	53.1
A258050	14.3	0.3	2	0.035	0.53	2.34	0.07	0.07	0.53	3.8	111	57.8	236	3.88	8.9	21.5	18.4	49.2	6.71	< 0.1	3.4	0.8	14.5	39.8
A258051	14.8	0.4	4	0.045	0.50	2.13	0.06	0.05	0.58	3.5	121	64.8	195	3.50	8.6	23.6	15.7	32.5	6.72	< 0.1	4.8	0.9	11.0	46.6
A258052	15.3	0.3	4	0.042	0.62	1.93	0.10	0.05	0.74	4.3	129	49.9	231	3.40	8.5	22.6	23.6	27.7	6.85	< 0.1	2.3	0.9	12.2	61.2

Analyte Symbol	Li	Be	B	Na	Mg	Al	K	Bi	Ca	Sc	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Rb	Sr
Unit Symbol	ppm	ppm	ppm	%	%	%	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.1	0.1	1	0.001	0.01	0.01	0.01	0.02	0.01	0.1	1	0.5	1	0.01	0.1	0.1	0.01	0.1	0.02	0.1	0.1	0.1	0.1	0.5
Analysis Method	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
A258053	15.4	0.3	3	0.045	0.61	1.97	0.07	0.07	0.71	3.9	126	60.6	212	3.68	8.8	22.7	19.1	24.8	7.91	< 0.1	3.3	0.7	7.2	55.2
A258054	26.0	0.4	5	0.054	1.64	2.74	0.07	0.05	0.73	5.4	151	193	262	4.88	18.8	92.7	49.9	52.2	7.51	0.1	6.3	1.1	9.5	54.1
A258055	14.1	0.3	7	0.049	0.72	2.05	0.07	0.04	0.65	4.8	124	74.2	222	3.56	8.1	26.7	22.5	45.1	6.63	0.1	4.3	1.0	8.4	60.4
A258056	14.3	0.3	4	0.051	0.81	2.57	0.05	0.07	0.66	4.5	149	59.2	251	4.19	10.1	23.0	22.8	36.1	10.5	0.1	5.1	0.8	6.4	58.8
A258057	17.2	0.4	3	0.055	0.98	2.82	0.09	0.05	0.79	5.6	140	75.3	312	4.61	13.1	35.4	30.7	59.2	8.32	0.1	5.5	0.9	11.7	58.9
A258058	14.4	0.5	4	0.030	0.42	1.84	0.06	0.05	0.60	3.9	171	66.6	245	4.82	10.5	29.1	22.0	32.6	6.89	< 0.1	5.9	0.8	10.1	52.3
A258059	15.1	0.3	4	0.032	0.59	2.11	0.08	0.10	0.48	4.2	124	58.1	247	4.14	8.2	22.9	20.3	44.5	9.08	0.1	8.9	0.9	13.8	47.2
A258060	16.6	0.3	4	0.037	0.55	2.21	0.08	0.05	0.75	4.8	118	48.1	284	3.37	11.7	21.2	28.5	30.5	6.80	< 0.1	1.2	0.9	13.6	64.4
A258061	24.1	0.4	4	0.038	0.72	2.42	0.07	0.09	0.60	4.2	144	65.3	242	4.45	11.1	25.0	24.0	42.5	9.81	0.1	8.9	1.0	13.9	57.6
A258062	10.8	0.3	4	0.048	0.79	1.67	0.08	0.05	0.93	5.1	111	56.8	520	3.30	13.0	35.2	60.2	39.8	4.98	0.1	6.8	0.8	7.3	68.5
A258063	34.8	0.4	3	0.070	2.32	3.96	0.14	0.04	1.07	6.2	164	90.3	509	5.83	23.4	41.7	36.4	67.9	11.3	0.2	14.6	1.0	11.7	64.9
A258064	23.0	0.3	3	0.079	1.73	3.37	0.15	0.06	0.94	5.9	140	55.6	724	5.09	23.2	29.8	37.6	93.4	11.2	0.1	2.6	0.9	23.6	64.1
A258065	43.8	0.4	2	0.064	2.06	2.98	0.16	0.05	1.16	6.5	138	48.6	774	5.45	31.5	37.9	107	112	9.23	0.1	2.7	0.9	27.7	64.9
A258066	40.7	0.5	4	0.048	2.05	3.10	0.09	0.05	0.81	7.9	169	85.0	481	5.31	20.9	44.2	98.3	53.4	10.4	0.2	4.8	1.2	12.7	64.5
A258067	30.5	0.3	3	0.052	1.94	2.84	0.11	0.04	0.87	6.5	160	70.4	550	5.45	22.5	31.1	33.7	50.2	10.1	0.2	9.6	1.0	15.7	55.6
A258068	27.1	0.4	5	0.076	1.06	1.89	0.08	0.04	1.08	5.3	113	55.1	473	3.35	15.8	46.8	156	48.4	6.39	0.2	6.8	0.9	12.9	84.0
A258069	15.3	0.3	3	0.052	1.23	2.27	0.09	0.08	0.76	4.6	144	61.6	397	4.72	13.9	28.2	35.7	90.3	10.9	0.1	4.9	0.9	9.5	51.1
A258070	29.6	0.3	6	0.074	2.14	3.14	0.13	0.05	1.00	5.7	172	78.7	680	5.66	21.7	39.3	31.8	125	12.9	0.2	4.3	0.9	15.3	68.1
A258071	31.8	0.3	2	0.066	1.55	2.67	0.11	0.06	0.76	6.9	181	86.6	621	5.18	18.4	36.7	41.6	89.6	12.4	0.1	4.6	0.9	13.9	75.5
A258072	22.3	0.4	2	0.031	0.76	2.26	0.08	0.10	0.45	4.2	145	47.8	285	4.53	9.2	15.9	16.7	63.1	9.41	0.1	7.0	0.7	12.5	39.7
A258073	19.9	0.4	5	0.038	0.55	2.01	0.07	0.10	1.30	4.8	98	46.4	2610	3.16	14.6	33.2	185	84.9	6.06	0.2	7.4	1.3	15.3	87.0
A300949	16.1	0.5	5	0.034	0.40	2.26	0.07	0.06	0.60	4.5	128	48.8	231	3.35	6.9	17.4	16.7	51.4	7.91	0.1	4.0	1.1	14.6	63.5
A300950	17.3	0.6	6	0.051	0.80	2.73	0.12	0.09	1.29	7.0	111	57.0	650	3.30	12.8	40.8	80.9	46.5	7.88	0.2	6.8	1.7	14.7	89.5
A300951	16.7	0.4	4	0.047	0.64	2.07	0.09	0.11	1.26	4.7	86	50.1	511	3.07	10.7	32.9	89.4	72.3	6.35	0.2	4.7	1.8	12.7	66.3
A300952	27.7	0.3	3	0.042	0.58	1.89	0.08	0.08	1.38	4.2	137	51.5	512	4.21	16.0	20.9	40.0	43.3	7.87	0.1	6.2	1.7	10.9	64.7
A300953	11.5	0.4	2	0.173	1.08	2.54	0.32	0.02	1.39	6.7	148	19.8	914	4.50	16.6	14.6	59.5	38.3	9.42	0.2	2.2	1.2	16.4	72.8
A300954	17.6	0.4	2	0.035	0.60	1.94	0.08	0.08	0.67	4.1	180	52.5	259	5.37	10.5	19.5	19.9	41.6	10.0	0.1	4.7	1.2	15.3	49.5
A300955	22.8	0.4	3	0.034	0.58	2.22	0.07	0.09	0.47	4.0	139	56.6	237	4.62	10.4	29.7	25.9	48.2	9.02	0.1	9.1	1.0	13.6	46.8
A300956	18.3	0.5	3	0.030	0.48	2.55	0.07	0.05	0.62	3.9	133	53.3	326	4.39	12.4	22.2	21.9	63.7	6.80	< 0.1	3.7	1.0	9.8	50.3
A300957	19.0	0.5	3	0.028	0.47	3.28	0.07	0.10	0.41	4.0	117	48.2	247	4.59	9.7	19.1	20.7	57.2	8.76	< 0.1	5.5	0.6	15.8	37.3
A300958	27.3	0.9	5	0.052	1.10	3.35	0.15	0.12	1.35	9.4	115	78.5	1180	4.01	19.2	52.4	165	80.2	9.48	0.1	7.3	1.1	23.3	70.4
A300959	11.1	0.3	4	0.038	0.54	1.50	0.08	0.05	1.36	3.6	81	36.0	574	2.53	10.4	22.5	45.1	35.3	5.21	0.1	4.1	1.2	11.0	74.8
A300960	17.8	0.3	5	0.027	0.96	1.96	0.08	0.07	1.12	5.1	102	65.3	549	3.42	14.6	33.9	69.0	56.7	6.64	0.2	7.8	1.1	13.6	71.7
A300961	12.1	0.5	5	0.040	0.78	1.89	0.09	0.06	1.11	5.3	103	50.8	512	3.03	12.1	26.7	41.3	39.3	6.04	0.2	9.5	0.8	11.6	82.0
A300962	11.7	0.4	6	0.038	0.72	1.87	0.08	0.05	1.01	5.0	103	45.8	441	2.82	10.5	24.9	41.8	40.9	6.38	0.1	5.7	0.9	10.2	73.0
A300963	12.5	0.4	4	0.043	0.82	1.84	0.08	0.05	0.90	5.6	98	52.4	479	2.90	10.8	23.9	51.2	39.9	6.36	0.1	6.7	0.7	9.6	72.2
A300964	11.3	0.4	4	0.043	0.85	1.87	0.08	0.04	1.11	5.5	111	55.7	577	3.30	12.3	26.7	37.1	37.3	5.99	0.2	5.6	1.0	8.4	83.1
A300965	12.1	0.4	4	0.040	0.73	1.58	0.08	0.05	0.99	4.9	98	47.0	477	2.70	10.2	21.9	31.3	38.9	5.85	0.1	5.7	1.1	9.5	74.9
A300966	12.1	0.5	3	0.035	0.73	1.97	0.08	0.07	1.07	3.6	83	43.8	529	2.79	10.3	21.6	48.7	45.2	6.34	0.1	4.8	0.9	11.0	68.9
A300967	5.9	0.1	3	0.024	0.39	0.79	0.04	< 0.02	0.63	2.6	61	26.7	216	1.56	5.3	12.4	10.9	19.5	3.11	0.1	2.6	0.4	3.3	51.2
A300968	9.0	0.2	4	0.033	0.60	1.52	0.04	0.04	0.85	3.3	70	35.6	234	1.83	5.5	12.4	14.1	26.0	5.78	0.1	3.2	0.7	3.9	73.1
A300969	9.9	0.2	5	0.040	0.71	1.42	0.05	0.04	0.91	4.2	85	44.5	378	2.16	7.9	16.6	22.9	32.3	5.50	0.2	4.0	0.5	7.0	80.7
A300970	11.7	0.3	7	0.036	0.59	1.54	0.05	0.05	0.89	4.4	97	45.8	422	2.66	10.6	18.7	28.0	31.8	5.03	0.1	4.2	1.0	6.4	77.2
A300971	9.8	0.3	4	0.035	0.56	1.50	0.06	0.05	1.02	3.0	60	38.4	323	2.04	6.7	17.5	35.0	53.2	4.68	0.1	5.4	0.8	10.8	71.1
A300972	9.1	0.3	3	0.032	0.44	1.57	0.04	0.05	0.84	3.6	73	34.2	254	1.88	6.4	13.1	21.9	27.9	5.42	0.1	2.4	0.6	6.3	72.4
A300973	8.1	0.3	4	0.045	0.54	1.25	0.06	0.03	1.05	4.7	101	47.1	373	2.69	8.6	20.0	29.4	28.8	4.62	0.2	3.9	0.9	4.9	82.2
A300974	15.4	0.5	5	0.028	0.53	1.97	0.05	0.05	0.57	3.9	143	52.7	251	4.09	8.3	18.3	18.4	47.3	8.61	0.1	7.3	1.0	10.8	49.6
A300975	13.9	0.4	4	0.036	0.65	2.90	0.06	0.06	0.56	4.3	172	72.3	292	5.41	9.9	22.6	24.0	49.8	7.72	0.1	7.4	1.2	7.5	47.8
A300976	14.0	0.4	3	0.043	0.64	1.66	0.07	0.06	1.06	4.9	92	42.9	403	2.76	9.9	24.2	30.1	36.9	4.90	0.1	3.4	0.9	8.4	65.1
A300977	13.2	0.7	5	0.045	0.68	2.13	0.11	0.10	1.43	4.7	99	52.7	1530	3.28	14.9	33.3	80.9	49.1	6.80	0.2	6.3	1.3	13.2	69.6
A300978	11.3	0.4	4	0.041	0.60	1.52	0.08	0.06	1.11	4.4	91	43.1	460	2.88	10.4	22.0	31.4	35.8	5.31	0.1	2.7	1.0	10.2	65.7
A300979	10.1	0.4	5	0.046	0.64	1.69	0.07	0.05	0.99	5.1	90	46.9	450	2.72	8.2	23.7	40.6	38.0	6.03	0.2	5.8	0.9	7.9	73.7

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Analyte Symbol	Li	Be	B	Na	Mg	Al	K	Bi	Ca	Sc	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Rb	Sr
Unit Symbol	ppm	ppm	ppm	%	%	%	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.1	0.1	1	0.001	0.01	0.01	0.01	0.02	0.01	0.1	1	0.5	1	0.01	0.1	0.1	0.01	0.1	0.02	0.1	0.1	0.1	0.1	0.5
Analysis Method	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
A300980	10.4	0.4	2	0.026	0.44	1.50	0.06	0.05	0.62	3.6	78	33.2	303	2.16	8.0	20.0	29.6	35.1	5.16	0.1	3.5	0.7	7.4	46.5
A300981	11.1	0.3	3	0.037	0.56	1.74	0.06	0.05	0.77	3.6	85	33.2	237	2.28	7.2	16.3	17.9	31.8	5.82	0.1	2.9	0.6	7.5	59.2
A300982	9.0	0.4	4	0.036	0.50	1.85	0.05	0.02	0.63	3.2	110	45.4	245	3.24	7.9	19.9	20.1	38.0	5.13	0.1	5.1	0.8	5.0	49.6
A300983	12.2	0.5	5	0.056	0.60	1.72	0.07	0.06	1.26	4.7	124	51.8	727	3.31	11.3	24.6	50.7	39.7	6.42	0.1	4.7	1.0	8.2	74.3
A300984	11.2	0.3	5	0.041	0.56	1.69	0.06	0.05	0.85	4.6	104	37.5	244	2.36	6.5	15.8	17.4	37.4	8.14	0.1	4.5	0.8	13.7	76.8
A300985	9.6	0.2	3	0.034	0.47	1.64	0.06	0.05	0.60	3.6	72	31.7	191	1.75	5.3	13.8	13.7	38.3	6.65	0.1	2.7	0.7	11.4	57.0
A300986	12.1	0.2	3	0.021	0.61	1.67	0.05	0.07	0.77	2.9	64	39.7	420	2.04	8.5	17.0	21.5	55.8	5.73	0.1	3.2	0.6	7.1	46.3
A300987	18.0	0.3	11	0.034	0.80	1.55	0.07	0.05	1.06	5.1	90	55.1	347	2.53	9.9	23.7	23.3	46.1	5.99	0.2	4.2	0.8	12.6	74.0
A300988	14.8	0.4	5	0.041	0.96	1.94	0.08	0.07	1.14	5.6	106	72.8	516	3.46	12.8	29.8	44.3	51.6	6.82	0.2	8.8	0.9	11.0	74.9
A300989	12.1	0.4	5	0.047	0.70	1.66	0.09	0.06	1.49	5.2	87	51.7	610	2.81	11.0	29.8	37.9	44.6	5.18	0.2	4.6	1.3	11.2	88.8
A300990	14.3	0.2	5	0.039	0.70	1.56	0.07	0.21	0.92	4.5	84	50.3	342	2.47	8.3	19.5	33.7	49.0	5.88	0.1	5.5	0.7	11.8	70.2
A300991	11.6	0.3	5	0.034	0.64	1.45	0.08	0.05	0.86	4.5	86	46.3	364	2.49	9.4	21.1	18.3	43.2	5.90	0.1	4.8	0.8	11.5	68.5
A300992	8.5	0.2	2	0.023	0.34	1.56	0.05	0.07	0.39	2.8	61	31.1	196	1.82	4.2	9.4	14.1	33.9	6.07	0.1	4.2	0.6	8.0	41.5
A300993	10.9	0.3	5	0.033	0.58	1.64	0.05	0.04	0.58	4.4	121	52.6	250	3.31	6.3	19.1	18.1	37.8	6.43	0.1	7.4	0.9	7.2	54.8
A300994	11.4	0.2	3	0.027	0.41	1.48	0.05	0.06	0.47	3.9	104	41.1	182	2.85	5.2	14.3	12.0	31.4	6.65	0.1	4.4	0.7	7.1	54.4
A300995	21.6	0.3	4	0.038	0.66	2.17	0.08	0.10	1.19	4.8	110	46.8	421	3.66	9.8	17.9	25.7	59.7	8.86	0.1	6.9	1.1	11.9	73.3
A300996	13.4	0.3	6	0.039	0.64	1.60	0.06	0.06	1.18	4.2	84	44.6	326	2.48	8.1	18.3	26.9	49.7	5.38	0.1	3.4	1.0	11.1	80.4
A300997	9.8	0.3	3	0.031	0.41	1.71	0.08	0.08	1.01	3.8	69	35.8	261	1.83	6.6	17.6	43.8	35.5	6.30	0.1	2.2	0.6	12.6	72.8
A300998	11.1	0.4	7	0.050	0.74	1.42	0.06	0.04	1.09	5.8	108	56.5	566	2.84	10.5	24.2	35.3	39.9	5.54	0.2	4.8	0.9	6.7	82.6
A300999	15.0	0.4	4	0.049	0.64	1.95	0.09	0.08	1.08	5.3	80	46.0	418	2.64	9.6	26.2	37.4	41.1	5.24	0.1	5.1	1.0	9.9	54.5
A301000	15.5	0.4	4	0.045	0.57	1.71	0.09	0.07	1.27	5.6	85	45.0	432	2.93	9.9	28.2	81.6	50.0	4.93	0.2	5.4	1.4	14.2	59.1

Analyte Symbol	Y	Zr	Nb	Mo	Ag	Cd	In	Sn	Sb	Te	Cs	Ba	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.01	0.1	0.1	0.01	0.002	0.01	0.02	0.05	0.02	0.02	0.02	0.5	0.5	0.01	0.1	0.02	0.1	0.1	0.1	0.1	0.001	0.1	0.1	0.1
Analysis Method	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
A258001	9.74	1.7	0.7	0.85	0.135	0.20	< 0.02	0.31	0.28	0.04	0.98	83.9	7.9	16.6	2.2	9.48	2.1	0.5	1.9	0.3	1.74	0.4	0.9	0.1
A258002	10.4	1.4	1.0	1.17	0.258	0.29	0.02	0.38	0.33	< 0.02	1.09	157	10.1	19.5	2.5	10.1	2.2	0.6	2.1	0.3	1.86	0.4	1.0	0.1
A258003	9.37	1.8	0.9	3.26	0.180	0.19	< 0.02	0.39	0.37	0.05	0.66	115	10.7	22.8	2.7	10.3	2.1	0.5	1.9	0.3	1.80	0.4	1.0	0.1
A258004	8.19	1.7	0.6	0.53	0.068	0.07	< 0.02	0.35	0.37	0.05	0.44	75.9	9.6	20.2	2.4	9.57	2.0	0.5	1.8	0.3	1.58	0.3	0.8	0.1
A258005	10.7	1.6	0.9	1.00	0.311	0.32	0.02	0.41	0.50	0.02	1.19	112	12.1	22.7	2.8	11.2	2.3	0.6	2.2	0.3	2.06	0.4	1.1	0.1
A258006	9.29	1.5	0.9	0.80	0.258	0.49	0.02	0.43	0.29	0.04	1.06	115	12.0	21.2	3.0	12.1	2.5	0.6	2.2	0.3	1.83	0.4	1.0	0.1
A258007	11.6	1.2	0.6	1.12	0.385	0.84	< 0.02	0.35	0.33	< 0.02	0.98	106	12.8	25.2	3.1	12.4	2.5	0.6	2.5	0.4	2.32	0.4	1.2	0.2
A258008	5.85	2.0	1.3	0.65	0.156	0.28	< 0.02	0.60	0.33	0.09	0.79	113	8.6	16.8	2.1	8.30	1.6	0.5	1.5	0.2	1.24	0.2	0.6	< 0.1
A258009	5.40	3.1	1.2	0.68	0.166	0.19	0.02	0.60	0.35	0.07	0.81	104	8.4	17.3	2.0	8.04	1.6	0.4	1.2	0.2	1.05	0.2	0.5	< 0.1
A258010	5.28	5.3	1.5	2.74	0.196	0.18	0.03	0.59	0.39	0.03	2.21	85.4	8.3	17.0	2.0	7.39	1.4	0.4	1.2	0.2	1.09	0.2	0.6	< 0.1
A258011	3.54	4.2	0.8	1.21	0.130	0.16	0.03	0.44	0.46	0.06	1.24	81.1	8.3	16.1	1.8	6.57	1.2	0.3	1.0	0.1	0.833	0.2	0.4	< 0.1
A258012	4.36	3.2	1.0	3.41	0.418	0.37	0.03	0.69	2.01	0.12	2.24	99.7	8.9	17.0	1.9	7.11	1.3	0.3	1.2	0.2	0.960	0.2	0.5	< 0.1
A258013	6.68	1.8	1.0	0.59	0.123	0.16	< 0.02	0.47	0.43	0.04	0.76	96.4	10.1	20.0	2.5	9.49	1.8	0.4	1.5	0.2	1.25	0.2	0.6	< 0.1
A258014	11.5	1.5	0.3	4.81	0.301	1.63	< 0.02	0.25	0.79	< 0.02	0.93	292	8.8	15.9	2.2	9.49	2.1	0.6	2.2	0.3	1.86	0.4	1.0	0.1
A258015	13.2	1.4	0.6	1.01	0.317	0.35	< 0.02	0.28	0.46	0.06	0.81	139	11.5	19.3	2.7	11.4	2.4	0.7	2.6	0.4	2.43	0.5	1.3	0.2
A258016	16.4	0.9	0.3	0.73	0.542	0.58	< 0.02	0.23	0.47	0.04	0.62	102	10.2	12.4	2.8	12.1	2.7	0.8	2.8	0.4	2.33	0.5	1.4	0.2
A258017	19.3	1.4	0.4	0.62	0.438	0.49	0.02	0.36	0.50	0.02	1.25	143	11.9	24.0	2.9	12.0	2.7	0.8	3.1	0.5	3.18	0.6	1.8	0.2
A258018	4.38	1.2	0.3	0.97	0.547	0.17	0.02	0.55	0.34	0.04	1.73	150	9.4	18.2	2.1	8.38	1.5	0.4	1.3	0.2	0.961	0.2	0.5	< 0.1
A258019	5.16	4.0	1.0	0.63	0.099	0.22	0.03	0.56	0.45	0.05	0.81	97.7	9.0	18.0	2.1	7.78	1.5	0.4	1.2	0.2	1.04	0.2	0.5	< 0.1
A258020	17.5	1.6	0.4	1.30	0.285	0.21	0.02	0.37	0.32	0.03	0.95	119	12.8	20.2	3.1	13.5	3.0	0.8	3.3	0.5	2.90	0.6	1.6	0.2
A258021	10.0	1.7	0.7	1.54	0.103	0.24	< 0.02	0.39	0.48	< 0.02	0.74	76.3	10.5	22.6	2.7	11.1	2.3	0.5	2.1	0.3	1.71	0.4	1.0	0.1
A258022	9.36	2.0	1.0	0.96	0.195	0.24	0.02	0.49	0.44	0.04	0.94	87.8	13.2	28.5	3.2	12.9	2.5	0.6	2.2	0.3	1.70	0.3	0.9	0.1
A258023	10.9	2.1	0.7	0.86	0.216	0.25	0.02	0.40	0.40	0.04	0.88	133	12.8	25.7	3.2	13.3	2.8	0.7	2.6	0.4	2.16	0.4	1.1	0.2
A258024	9.17	1.4	0.7	0.72	0.215	0.28	< 0.02	0.33	0.38	0.03	0.82	104	10.8	19.7	2.6	10.5	2.2	0.6	2.2	0.3	1.85	0.4	1.0	0.1
A258025	10.1	2.4	0.8	0.85	0.539	0.42	0.03	0.57	0.51	0.05	1.85	220	12.8	25.5	3.1	11.9	2.4	0.6	2.3	0.3	2.02	0.4	1.0	0.1
A258026	5.62	4.7	0.9	1.00	0.118	0.15	0.02	0.41	0.68	0.03	1.01	112	6.5	13.7	1.7	6.95	1.4	0.4	1.3	0.2	1.25	0.2	0.6	< 0.1
A258027	4.67	2.0	0.6	0.80	0.070	0.15	< 0.02	0.39	0.44	< 0.02	0.82	98.6	8.0	15.8	1.8	6.96	1.4	0.3	1.2	0.2	0.998	0.2	0.5	< 0.1
A258028	4.55	3.5	0.6	1.14	0.100	0.13	0.02	0.42	0.42	< 0.02	0.78	88.8	7.7	15.4	1.8	6.48	1.2	0.3	1.1	0.2	0.978	0.2	0.5	< 0.1
A258029	4.58	2.8	0.7	0.90	0.113	0.15	0.02	0.49	0.28	< 0.02	1.20	97.9	8.3	16.5	1.9	7.42	1.5	0.4	1.3	0.2	1.06	0.2	0.5	< 0.1
A258030	5.08	3.7	0.7	0.66	0.083	0.12	0.02	0.39	0.32	< 0.02	0.88	82.3	9.4	18.2	2.1	8.39	1.5	0.4	1.3	0.2	1.05	0.2	0.6	< 0.1
A258031	4.60	4.2	0.7	0.77	0.045	0.09	< 0.02	0.40	0.36	0.02	0.74	64.7	7.2	14.7	1.7	6.28	1.2	0.3	1.0	0.1	0.902	0.2	0.5	< 0.1
A258032	6.38	4.7	1.1	1.27	0.109	0.09	0.02	0.56	0.39	0.03	1.59	81.5	8.2	17.0	2.0	7.64	1.5	0.4	1.3	0.2	1.20	0.2	0.6	< 0.1
A258033	4.82	3.9	0.8	0.57	0.130	0.11	0.02	0.50	0.29	< 0.02	0.93	73.9	10.1	19.9	2.4	9.23	1.7	0.4	1.4	0.2	1.04	0.2	0.5	< 0.1
A258034	3.99	2.8	0.3	0.70	0.092	0.15	0.03	0.34	0.35	< 0.02	0.97	102	7.3	14.3	1.6	6.22	1.2	0.3	1.1	0.2	0.958	0.2	0.5	< 0.1
A258035	3.61	2.4	0.5	0.98	0.175	0.14	0.02	0.50	0.28	0.03	1.79	90.6	8.5	16.9	1.9	7.02	1.3	0.3	1.1	0.1	0.837	0.2	0.4	< 0.1
A258036	3.79	3.0	0.7	1.05	0.024	0.06	0.03	0.43	0.35	< 0.02	1.11	85.6	5.3	10.9	1.2	4.70	0.9	0.3	0.9	0.1	0.756	0.2	0.4	< 0.1
A258037	4.12	3.5	1.4	0.68	0.142	0.08	0.02	0.34	0.26	< 0.02	0.82	70.1	6.1	11.7	1.4	5.44	1.1	0.3	1.0	0.1	0.899	0.2	0.5	< 0.1
A258038	5.81	1.8	1.0	0.60	0.178	0.09	< 0.02	0.48	0.27	< 0.02	1.06	75.7	8.9	17.8	2.1	8.23	1.6	0.4	1.4	0.2	1.23	0.2	0.6	< 0.1
A258039	5.12	1.8	0.7	0.42	0.051	0.20	< 0.02	0.28	0.33	0.04	0.79	104	7.6	15.6	1.8	6.88	1.4	0.4	1.3	0.2	1.14	0.2	0.6	< 0.1
A258040	4.30	2.4	0.4	2.28	0.041	0.09	< 0.02	0.31	0.67	< 0.02	0.87	85.8	5.5	11.0	1.3	5.21	1.0	0.3	1.0	0.1	0.896	0.2	0.5	< 0.1
A258041	1.65	1.6	< 0.1	0.73	0.107	0.05	< 0.02	0.08	0.16	0.23	2.15	179	2.7	4.72	0.4	1.66	0.3	< 0.1	0.3	< 0.1	0.314	< 0.1	0.2	< 0.1
A258042	4.08	1.9	1.0	0.97	0.191	0.20	< 0.02	0.53	0.38	< 0.02	1.21	78.5	9.1	17.3	2.0	7.20	1.3	0.3	1.2	0.2	0.924	0.2	0.5	< 0.1
A258043	3.82	1.8	0.6	0.74	0.150	0.11	< 0.02	0.28	0.17	< 0.02	1.03	79.9	6.0	11.8	1.3	5.24	1.1	0.3	1.0	0.1	0.861	0.2	0.4	< 0.1
A258044	4.50	4.2	0.6	0.64	0.065	0.06	0.02	0.42	0.29	< 0.02	1.14	73.1	10.0	19.0	2.1	8.00	1.5	0.4	1.4	0.2	1.05	0.2	0.5	< 0.1
A258045	12.7	2.6	1.2	1.32	0.451	0.38	0.02	0.43	0.58	< 0.02	2.15	107	13.7	25.4	3.2	12.2	2.4	0.7	2.5	0.3	2.18	0.4	1.2	0.2
A258046	5.54	2.8	0.9	1.18	0.119	0.08	0.02	0.37	0.32	< 0.02	0.91	75.9	9.5	18.6	2.2	8.56	1.6	0.4	1.4	0.2	1.17	0.2	0.6	< 0.1
A258047	4.20	2.2	0.7	0.78	0.305	0.15	0.02	0.47	1.40	< 0.02	1.65	86.8	8.8	17.2	2.0	7.66	1.5	0.4	1.3	0.2	0.932	0.2	0.4	< 0.1
A258048	5.16	3.4	1.5	1.35	0.223	0.14	0.02	0.44	0.29	< 0.02	0.74	99.7	9.9	19.3	2.2	8.05	1.6	0.4	1.4	0.2	1.13	0.2	0.6	< 0.1
A258049	4.27	3.2	0.5	1.00	0.090	0.11	0.02	0.36	0.31	0.02	0.91	78.9	7.3	14.6	1.6	5.98	1.1	0.3	1.0	0.1	0.920	0.2	0.5	< 0.1
A258050	3.64	1.9	0.2	0.59	0.239	0.21	< 0.02	0.36	0.27	0.03	1.10	76.1	8.0	15.5	1.7	6.44	1.3	0.3	1.1	0.2	0.859	0.2	0.4	< 0.1
A258051	3.98	1.9	0.4	0.54	0.251	0.09	0.02	0.37	0.26	0.04	0.85	52.0	6.8	13.7	1.6	6.01	1.2	0.3	1.0	0.1	0.770	0.2	0.4	< 0.1
A258052	4.56	2.5	0.7	2.37	0.072	0.06	< 0.02	0.35	0.22	< 0.02	0.66	79.7	7.0	13.9	1.6	5.95	1.2	0.3	1.1	0.2	0.975	0.2	0.5	< 0.1

Analyte Symbol	Y	Zr	Nb	Mo	Ag	Cd	In	Sn	Sb	Te	Cs	Ba	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.01	0.1	0.1	0.01	0.002	0.01	0.02	0.05	0.02	0.02	0.02	0.5	0.5	0.01	0.1	0.02	0.1	0.1	0.1	0.1	0.001	0.1	0.1	0.1
Analysis Method	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
A258053	4.87	3.2	1.0	1.52	0.074	0.07	< 0.02	0.43	0.29	< 0.02	0.62	55.0	7.1	14.3	1.7	6.93	1.4	0.4	1.3	0.2	1.07	0.2	0.5	< 0.1
A258054	3.45	2.4	< 0.1	0.68	0.104	0.19	< 0.02	0.24	0.31	0.06	1.29	97.9	4.0	8.32	0.9	3.62	0.7	0.2	0.7	0.1	0.703	0.1	0.4	< 0.1
A258055	5.80	3.4	1.4	0.77	0.115	0.13	< 0.02	0.39	0.29	< 0.02	1.09	117	7.8	15.8	1.9	7.27	1.5	0.4	1.3	0.2	1.25	0.2	0.7	< 0.1
A258056	6.16	3.9	1.7	0.90	0.080	0.12	0.02	0.54	0.25	0.03	0.99	94.2	6.8	14.3	1.8	7.10	1.5	0.4	1.4	0.2	1.25	0.2	0.7	< 0.1
A258057	5.49	3.5	0.6	0.92	0.212	0.18	0.02	0.36	0.38	0.05	1.13	99.7	6.9	13.7	1.6	6.59	1.4	0.4	1.4	0.2	1.24	0.2	0.6	< 0.1
A258058	4.22	3.2	0.5	0.79	0.115	0.09	0.02	0.34	0.34	< 0.02	1.06	61.7	7.7	14.9	1.6	5.88	1.1	0.3	1.0	0.1	0.929	0.2	0.5	< 0.1
A258059	4.16	2.2	0.4	0.90	0.135	0.11	0.02	0.47	0.52	0.05	0.98	69.0	10.7	21.4	2.5	9.58	1.8	0.4	1.3	0.2	0.924	0.2	0.5	< 0.1
A258060	4.78	2.7	0.7	0.44	0.074	0.09	< 0.02	0.38	0.58	0.03	1.60	80.1	7.8	15.4	1.7	6.53	1.3	0.4	1.2	0.2	1.04	0.2	0.5	< 0.1
A258061	4.50	2.0	0.6	1.05	0.198	0.10	0.02	0.47	0.41	0.03	1.48	64.4	8.7	17.4	2.0	7.48	1.4	0.4	1.2	0.1	0.890	0.2	0.4	< 0.1
A258062	8.62	2.1	0.3	0.55	0.089	0.14	< 0.02	0.29	0.43	0.02	0.74	100	11.7	23.0	2.6	9.89	2.0	0.5	2.0	0.3	1.78	0.4	0.9	0.1
A258063	6.10	6.3	0.6	1.41	0.195	0.12	0.02	0.37	0.30	0.03	1.87	138	4.7	9.98	1.2	5.00	1.2	0.4	1.3	0.2	1.26	0.2	0.7	< 0.1
A258064	5.44	3.4	0.6	0.63	0.327	0.31	0.02	0.44	0.28	< 0.02	2.22	168	5.4	11.4	1.3	5.35	1.2	0.4	1.2	0.2	1.13	0.2	0.6	< 0.1
A258065	4.33	2.2	< 0.1	0.39	0.278	0.39	0.02	0.26	0.17	0.03	3.12	175	5.0	10.4	1.1	4.43	1.0	0.3	1.1	0.2	0.957	0.2	0.5	< 0.1
A258066	6.81	4.7	0.4	1.24	0.091	0.13	0.03	0.36	0.38	< 0.02	3.29	106	5.4	12.3	1.3	5.41	1.2	0.4	1.2	0.2	1.18	0.2	0.7	< 0.1
A258067	3.96	2.6	0.1	0.75	0.130	0.17	0.02	0.33	0.50	0.03	1.81	107	3.0	6.77	0.8	3.19	0.8	0.3	0.9	0.1	0.871	0.2	0.5	< 0.1
A258068	8.70	1.9	0.4	0.84	0.199	0.19	0.02	0.27	0.31	< 0.02	1.13	137	8.2	14.8	2.0	8.00	1.7	0.5	1.7	0.2	1.62	0.3	0.9	0.1
A258069	4.30	2.3	0.1	1.08	0.109	0.26	< 0.02	0.43	0.28	< 0.02	0.98	105	4.9	10.1	1.2	4.61	1.0	0.3	1.0	0.1	0.879	0.2	0.5	< 0.1
A258070	6.01	2.0	< 0.1	0.87	0.171	0.28	0.02	0.35	0.26	0.04	1.78	237	4.8	10.5	1.2	5.04	1.1	0.3	1.2	0.2	1.15	0.2	0.6	< 0.1
A258071	5.85	2.6	0.5	1.07	0.122	0.49	0.02	0.39	0.28	0.06	1.84	144	4.8	10.0	1.2	4.67	1.1	0.4	1.2	0.2	1.25	0.3	0.7	< 0.1
A258072	3.89	1.8	< 0.1	0.87	0.111	0.14	< 0.02	0.42	0.37	< 0.02	1.06	79.2	7.6	15.2	1.8	6.89	1.3	0.3	1.2	0.2	0.872	0.2	0.4	< 0.1
A258073	15.3	1.3	0.4	1.21	0.385	1.08	0.02	0.34	0.68	< 0.02	1.13	174	11.2	19.8	2.7	11.0	2.4	0.7	2.6	0.4	2.30	0.5	1.4	0.2
A300949	5.16	3.0	1.3	0.83	0.190	0.23	0.02	0.40	0.27	0.04	1.04	90.9	8.5	16.5	1.9	7.26	1.4	0.4	1.3	0.2	1.08	0.2	0.5	< 0.1
A300950	12.1	2.1	0.9	0.95	0.318	0.43	0.02	0.44	0.29	< 0.02	1.05	174	13.4	24.5	3.2	12.3	2.6	0.7	2.6	0.4	2.19	0.5	1.2	0.2
A300951	7.68	1.9	1.0	0.88	0.247	0.37	0.02	0.47	0.30	< 0.02	0.94	136	12.1	23.3	2.9	11.0	2.1	0.5	1.9	0.2	1.46	0.3	0.8	0.1
A300952	8.68	2.0	1.0	1.24	0.128	0.28	< 0.02	0.38	0.30	< 0.02	1.05	104	9.6	17.6	2.3	8.95	1.9	0.5	1.8	0.3	1.55	0.3	0.8	0.1
A300953	11.7	7.2	1.5	1.87	0.153	0.09	< 0.02	0.48	0.12	0.04	1.57	151	11.0	24.3	3.0	12.2	2.6	0.6	2.6	0.4	2.25	0.4	1.3	0.2
A300954	4.04	4.0	0.7	1.08	0.132	0.20	< 0.02	0.36	0.19	< 0.02	0.95	98.5	5.9	11.2	1.2	4.81	1.0	0.3	1.1	0.2	0.929	0.2	0.5	< 0.1
A300955	4.93	3.5	1.3	0.80	0.181	0.12	0.02	0.44	0.23	0.03	1.09	86.5	8.3	16.6	2.0	7.47	1.5	0.4	1.3	0.2	1.00	0.2	0.5	< 0.1
A300956	4.11	2.3	0.3	0.50	0.126	0.21	0.02	0.18	0.23	0.02	0.84	94.1	5.6	10.7	1.2	4.51	0.9	0.3	1.0	0.1	0.874	0.2	0.4	< 0.1
A300957	3.95	2.8	1.3	0.77	0.234	0.18	0.02	0.45	0.23	< 0.02	1.14	91.4	7.9	15.3	1.8	6.96	1.4	0.3	1.2	0.2	0.863	0.2	0.4	< 0.1
A300958	21.9	2.2	0.6	0.62	0.666	0.45	0.03	0.36	0.47	< 0.02	1.54	327	16.5	29.8	4.1	16.9	3.6	1.0	3.9	0.5	3.38	0.7	2.0	0.3
A300959	6.09	1.5	0.6	0.70	0.180	0.26	< 0.02	0.19	0.29	< 0.02	0.70	133	6.6	13.1	1.5	5.86	1.2	0.3	1.3	0.2	1.16	0.2	0.6	< 0.1
A300960	7.64	1.5	0.8	0.95	0.379	0.33	< 0.02	0.23	0.56	0.05	0.93	112	7.5	12.8	1.7	6.89	1.5	0.4	1.6	0.2	1.40	0.3	0.7	0.1
A300961	7.70	2.0	0.6	0.63	0.162	0.14	< 0.02	0.30	0.30	0.04	0.82	114	8.3	16.0	1.9	7.77	1.7	0.5	1.8	0.3	1.58	0.3	0.8	0.1
A300962	6.79	1.8	0.3	0.54	0.171	0.13	< 0.02	0.25	0.24	< 0.02	0.77	102	8.9	17.0	2.0	7.52	1.6	0.4	1.6	0.2	1.38	0.3	0.7	0.1
A300963	8.04	1.9	0.4	0.50	0.212	0.16	< 0.02	0.28	0.35	< 0.02	0.67	96.4	9.0	18.1	2.2	8.79	1.8	0.5	1.8	0.2	1.51	0.3	0.8	0.1
A300964	8.05	1.9	0.5	0.59	0.084	0.15	< 0.02	0.25	0.41	0.04	0.72	101	9.2	18.5	2.1	8.23	1.8	0.5	1.7	0.3	1.51	0.3	0.8	0.1
A300965	7.57	1.4	0.2	0.53	0.119	0.14	< 0.02	0.25	0.33	< 0.02	0.74	93.8	8.8	18.0	2.1	8.38	1.7	0.4	1.7	0.2	1.47	0.3	0.8	0.1
A300966	7.01	1.2	0.3	0.64	0.189	0.23	< 0.02	0.25	0.22	0.04	0.98	116	8.6	16.2	2.1	8.40	1.8	0.5	1.9	0.3	1.50	0.3	0.8	0.1
A300967	4.30	1.0	< 0.1	0.23	0.038	0.07	< 0.02	0.09	0.20	< 0.02	0.28	42.8	5.6	11.3	1.3	5.04	1.1	0.3	1.1	0.2	0.905	0.2	0.5	< 0.1
A300968	4.87	1.2	0.5	0.34	0.075	0.12	< 0.02	0.24	0.22	0.02	0.24	90.5	6.3	12.3	1.4	5.76	1.2	0.4	1.3	0.2	1.03	0.2	0.5	< 0.1
A300969	6.90	1.4	0.3	0.38	0.081	0.13	< 0.02	0.25	0.30	0.02	0.54	79.5	8.6	17.4	2.1	8.26	1.7	0.4	1.7	0.2	1.35	0.3	0.7	0.1
A300970	7.14	1.3	0.4	0.57	0.110	0.16	< 0.02	0.22	0.30	< 0.02	0.58	94.5	9.1	18.1	2.1	8.17	1.7	0.5	1.8	0.3	1.50	0.3	0.8	0.1
A300971	6.84	0.9	0.2	0.56	0.193	0.20	< 0.02	0.18	0.26	0.03	0.77	96.5	7.6	13.4	1.7	6.99	1.5	0.4	1.6	0.2	1.29	0.3	0.7	< 0.1
A300972	6.04	1.2	0.5	0.41	0.292	0.15	< 0.02	0.24	0.17	< 0.02	0.48	82.4	9.2	17.0	2.1	8.16	1.7	0.5	1.7	0.2	1.38	0.3	0.7	< 0.1
A300973	8.24	1.5	0.1	0.54	0.089	0.09	< 0.02	0.19	0.32	< 0.02	0.47	76.3	9.8	19.2	2.3	8.62	1.9	0.5	2.0	0.3	1.63	0.3	0.9	0.1
A300974	4.80	2.8	1.1	0.87	0.106	0.32	< 0.02	0.27	0.41	0.02	0.73	81.3	6.0	12.2	1.4	5.41	1.1	0.3	1.1	0.2	0.961	0.2	0.5	< 0.1
A300975	4.79	2.2	0.3	1.43	0.161	0.23	0.02	0.22	0.44	0.02	0.88	66.4	5.9	11.7	1.4	5.47	1.2	0.3	1.2	0.2	0.996	0.2	0.5	< 0.1
A300976	7.59	1.5	0.3	0.55	0.077	0.18	< 0.02	0.21	0.29	0.06	0.71	104	9.7	19.2	2.2	8.39	1.8	0.5	2.0	0.3	1.68	0.3	0.9	0.1
A300977	14.8	1.6	0.4	2.53	0.287	0.64	0.02	0.31	0.35	< 0.02	1.06	165	13.0	28.4	3.2	13.2	2.9	0.8	3.1	0.4	2.57	0.5	1.5	0.2
A300978	8.05	1.2	0.4	0.72	0.099	0.19	< 0.02	0.24	0.29	< 0.02	0.86	97.2	9.9	20.1	2.2	8.46	1.8	0.5	1.9	0.3	1.58	0.3	0.8	0.1
A300979	9.31	1.5	0.3	0.89	0.112	0.16	< 0.02	0.25	0.30	< 0.02	0.69	95.8	10.2	19.7	2.4	10.0	2.1	0.6	2.1	0.3	1.57	0.3	0.9	0.1

Analyte Symbol	Y	Zr	Nb	Mo	Ag	Cd	In	Sn	Sb	Te	Cs	Ba	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.01	0.1	0.1	0.01	0.002	0.01	0.02	0.05	0.02	0.02	0.02	0.5	0.5	0.01	0.1	0.02	0.1	0.1	0.1	0.1	0.001	0.1	0.1	0.1
Analysis Method	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
A300980	4.52	1.3	0.3	0.77	0.116	0.16	< 0.02	2.12	0.16	< 0.02	0.56	119	5.9	11.2	1.4	5.30	1.1	0.3	1.1	0.2	0.924	0.2	0.5	< 0.1
A300981	5.12	1.4	0.5	0.78	0.089	0.10	< 0.02	0.25	0.18	0.03	0.73	90.6	7.6	14.7	1.7	6.67	1.4	0.4	1.4	0.2	1.11	0.2	0.6	< 0.1
A300982	4.82	1.9	0.8	0.53	0.067	0.27	< 0.02	0.19	0.28	< 0.02	0.49	73.8	6.4	12.9	1.5	5.76	1.3	0.3	1.3	0.2	1.02	0.2	0.5	< 0.1
A300983	10.3	1.9	0.6	1.06	0.207	0.29	< 0.02	0.28	0.32	< 0.02	0.72	112	9.4	21.7	2.3	9.06	1.9	0.6	2.2	0.3	1.75	0.4	1.1	0.2
A300984	5.86	3.3	0.7	0.47	0.120	0.14	< 0.02	0.36	0.17	< 0.02	0.80	80.5	7.1	14.1	1.7	6.41	1.3	0.4	1.2	0.2	1.01	0.2	0.6	< 0.1
A300985	4.78	1.7	0.3	0.35	0.112	0.11	< 0.02	0.32	0.20	< 0.02	0.70	69.9	8.4	16.4	2.0	7.74	1.5	0.4	1.3	0.2	0.971	0.2	0.5	< 0.1
A300986	3.63	1.1	0.6	0.34	0.223	0.23	< 0.02	0.25	0.20	0.03	0.63	106	5.9	11.9	1.3	5.18	1.1	0.3	1.1	0.1	0.830	0.2	0.4	< 0.1
A300987	6.14	1.3	0.3	0.30	0.110	0.19	< 0.02	0.25	0.38	0.02	0.91	96.0	8.2	16.7	1.9	7.14	1.4	0.4	1.4	0.2	1.17	0.2	0.6	< 0.1
A300988	8.24	1.7	0.4	0.46	0.161	0.30	< 0.02	0.25	0.46	0.03	0.93	115	9.1	20.3	2.2	8.84	1.8	0.5	1.9	0.3	1.53	0.3	0.9	0.1
A300989	8.36	1.4	0.5	0.68	0.278	0.26	< 0.02	0.60	0.37	0.03	0.81	107	9.4	18.1	2.1	8.33	1.8	0.5	2.0	0.3	1.62	0.3	0.9	0.1
A300990	5.55	1.3	0.4	0.50	0.095	0.23	< 0.02	0.31	0.33	< 0.02	0.73	79.1	9.0	19.0	2.1	8.36	1.7	0.4	1.5	0.2	1.14	0.2	0.6	< 0.1
A300991	5.86	1.0	< 0.1	0.47	0.056	0.14	< 0.02	0.23	0.33	0.04	0.82	77.7	8.7	17.0	1.9	7.31	1.5	0.4	1.5	0.2	1.16	0.2	0.6	< 0.1
A300992	3.08	0.9	0.5	0.76	0.153	0.13	< 0.02	0.28	0.20	< 0.02	0.74	87.0	7.0	13.9	1.6	6.13	1.2	0.3	1.0	0.1	0.717	0.1	0.3	< 0.1
A300993	4.64	1.7	0.3	0.65	0.148	0.14	< 0.02	0.20	0.37	< 0.02	0.62	74.0	7.0	13.8	1.6	6.31	1.3	0.3	1.2	0.2	0.894	0.2	0.5	< 0.1
A300994	4.11	1.7	0.9	0.78	0.076	0.17	< 0.02	0.26	0.24	< 0.02	0.60	69.6	8.2	16.3	1.8	6.77	1.3	0.3	1.2	0.2	0.904	0.2	0.5	< 0.1
A300995	6.30	1.8	0.8	0.98	0.193	0.25	< 0.02	0.37	0.31	0.06	1.07	109	8.1	16.5	1.9	7.36	1.5	0.4	1.6	0.2	1.35	0.3	0.7	< 0.1
A300996	6.47	1.3	0.7	0.49	0.149	0.18	< 0.02	0.23	0.29	0.03	0.78	107	9.6	18.7	2.1	8.30	1.8	0.5	1.8	0.2	1.41	0.3	0.7	< 0.1
A300997	6.09	1.0	0.5	0.49	0.300	0.23	< 0.02	0.34	0.24	< 0.02	0.74	136	9.0	15.3	2.0	7.91	1.6	0.5	1.7	0.2	1.31	0.3	0.7	< 0.1
A300998	9.39	1.5	0.2	0.64	0.082	0.13	< 0.02	0.25	0.40	< 0.02	0.65	82.4	9.6	19.2	2.4	9.58	2.0	0.5	2.1	0.3	1.67	0.3	0.9	0.1
A300999	9.39	1.6	0.4	0.54	0.215	0.16	< 0.02	0.24	0.26	< 0.02	0.83	139	11.3	21.6	2.6	10.8	2.3	0.6	2.4	0.3	1.86	0.4	1.0	0.1
A301000	10.4	1.4	0.6	0.78	0.247	0.22	< 0.02	0.22	0.51	0.03	0.90	88.0	12.2	21.7	2.8	11.2	2.4	0.6	2.5	0.4	2.03	0.4	1.1	0.2

Analyte Symbol	Yb	Lu	Hf	Ta	W	Re	Au	Tl	Pb	Th	U
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm
Detection Limit	0.1	0.1	0.1	0.05	0.1	0.001	0.5	0.02	0.01	0.1	0.1
Analysis Method	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
A258001	0.7	< 0.1	< 0.1	< 0.05	1.7	0.002	1.9	0.10	3.56	0.9	0.7
A258002	0.8	0.1	< 0.1	< 0.05	0.2	0.001	< 0.5	0.07	6.20	0.6	1.1
A258003	0.7	0.1	< 0.1	< 0.05	0.1	0.003	0.5	0.06	4.28	1.4	1.0
A258004	0.7	< 0.1	< 0.1	< 0.05	0.1	< 0.001	1.8	0.03	2.91	1.6	0.6
A258005	0.9	0.1	< 0.1	< 0.05	0.2	0.001	< 0.5	0.10	5.96	1.2	1.3
A258006	0.7	0.1	< 0.1	< 0.05	3.2	0.002	< 0.5	0.05	5.68	0.4	0.8
A258007	0.8	0.1	< 0.1	< 0.05	< 0.1	0.001	< 0.5	0.05	5.94	0.3	0.8
A258008	0.5	< 0.1	< 0.1	< 0.05	0.2	< 0.001	< 0.5	0.06	4.00	0.7	0.5
A258009	0.4	< 0.1	< 0.1	< 0.05	0.1	0.001	< 0.5	0.06	6.23	1.3	0.5
A258010	0.5	< 0.1	< 0.1	< 0.05	0.4	0.001	< 0.5	0.06	5.12	1.5	0.5
A258011	0.3	< 0.1	< 0.1	< 0.05	0.3	0.001	1.0	0.07	5.51	2.0	0.4
A258012	0.4	< 0.1	< 0.1	< 0.05	0.4	0.001	0.8	0.09	6.50	2.0	0.5
A258013	0.5	< 0.1	< 0.1	< 0.05	< 0.1	0.001	< 0.5	0.05	4.11	1.2	0.5
A258014	0.8	0.1	< 0.1	< 0.05	0.1	0.005	< 0.5	0.12	4.83	0.2	1.7
A258015	0.9	0.1	< 0.1	< 0.05	0.2	0.002	0.9	0.07	4.70	0.6	0.6
A258016	1.1	0.2	< 0.1	< 0.05	0.1	0.002	3.0	0.06	5.03	< 0.1	0.6
A258017	1.3	0.2	< 0.1	< 0.05	< 0.1	0.001	0.9	0.07	5.27	0.4	0.9
A258018	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 0.5	0.09	6.71	0.3	0.6
A258019	0.4	< 0.1	< 0.1	< 0.05	0.2	0.001	< 0.5	0.05	5.42	1.7	0.4
A258020	1.2	0.2	< 0.1	< 0.05	< 0.1	0.001	0.7	0.11	5.76	0.8	1.4
A258021	0.7	0.1	< 0.1	< 0.05	0.7	0.001	< 0.5	0.05	4.33	1.0	0.9
A258022	0.7	0.1	< 0.1	< 0.05	0.2	0.002	1.7	0.06	5.91	0.9	1.2
A258023	0.9	0.1	< 0.1	< 0.05	0.1	0.001	1.0	0.06	5.91	1.5	2.6
A258024	0.7	0.1	< 0.1	< 0.05	0.1	0.001	< 0.5	0.06	4.88	0.8	0.9
A258025	0.7	0.1	< 0.1	< 0.05	0.1	0.001	< 0.5	0.10	7.45	1.6	1.0
A258026	0.5	< 0.1	< 0.1	< 0.05	0.4	0.001	< 0.5	0.05	4.82	1.6	0.4
A258027	0.4	< 0.1	< 0.1	< 0.05	0.2	< 0.001	< 0.5	0.05	4.84	1.6	0.4
A258028	0.4	< 0.1	< 0.1	< 0.05	0.3	0.001	< 0.5	0.05	4.69	1.5	0.4
A258029	0.4	< 0.1	< 0.1	< 0.05	0.2	< 0.001	< 0.5	0.04	6.73	1.6	0.3
A258030	0.4	< 0.1	< 0.1	< 0.05	0.3	< 0.001	11.0	0.04	4.63	2.0	0.4
A258031	0.4	< 0.1	< 0.1	< 0.05	0.2	< 0.001	< 0.5	0.03	3.89	1.5	0.4
A258032	0.5	< 0.1	< 0.1	< 0.05	0.2	< 0.001	< 0.5	0.05	4.76	1.5	0.4
A258033	0.4	< 0.1	< 0.1	< 0.05	0.2	< 0.001	< 0.5	0.06	5.30	2.0	0.4
A258034	0.3	< 0.1	< 0.1	< 0.05	0.4	< 0.001	3.7	0.06	5.59	1.9	0.4
A258035	0.3	< 0.1	< 0.1	< 0.05	0.2	0.001	< 0.5	0.06	5.16	1.7	0.4
A258036	0.3	< 0.1	< 0.1	< 0.05	0.3	< 0.001	< 0.5	0.04	3.85	1.2	0.4
A258037	0.3	< 0.1	< 0.1	< 0.05	0.3	< 0.001	< 0.5	0.04	3.89	1.2	0.4
A258038	0.5	< 0.1	< 0.1	< 0.05	0.1	< 0.001	< 0.5	0.05	3.93	1.1	0.5
A258039	0.4	< 0.1	< 0.1	< 0.05	0.2	0.001	< 0.5	0.04	3.25	0.9	0.4
A258040	0.4	< 0.1	< 0.1	< 0.05	0.2	< 0.001	< 0.5	0.05	3.39	1.0	0.4
A258041	0.1	< 0.1	< 0.1	< 0.05	0.2	0.001	< 0.5	0.14	0.94	0.4	0.2
A258042	0.3	< 0.1	< 0.1	< 0.05	0.3	0.001	< 0.5	0.05	5.50	1.6	0.4
A258043	0.3	< 0.1	< 0.1	< 0.05	0.2	0.001	< 0.5	0.06	3.14	0.8	0.3
A258044	0.4	< 0.1	< 0.1	< 0.05	0.2	< 0.001	15.6	0.05	5.08	2.1	0.4
A258045	0.9	0.1	< 0.1	< 0.05	0.1	< 0.001	< 0.5	0.08	5.26	1.2	0.6
A258046	0.5	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 0.5	0.04	4.03	1.5	0.4
A258047	0.4	< 0.1	< 0.1	< 0.05	0.2	< 0.001	< 0.5	0.05	5.54	1.5	0.3
A258048	0.4	< 0.1	< 0.1	< 0.05	0.2	0.001	< 0.5	0.04	6.20	1.9	0.6
A258049	0.4	< 0.1	< 0.1	< 0.05	0.3	< 0.001	< 0.5	0.04	3.86	1.5	0.4
A258050	0.3	< 0.1	< 0.1	< 0.05	0.2	< 0.001	< 0.5	0.04	4.51	1.6	0.4
A258051	0.3	< 0.1	< 0.1	< 0.05	0.2	< 0.001	< 0.5	0.03	3.64	1.4	0.3
A258052	0.4	< 0.1	< 0.1	< 0.05	0.2	< 0.001	< 0.5	0.04	4.62	1.2	0.4

Analyte Symbol	Yb	Lu	Hf	Ta	W	Re	Au	Tl	Pb	Th	U
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm
Detection Limit	0.1	0.1	0.1	0.05	0.1	0.001	0.5	0.02	0.01	0.1	0.1
Analysis Method	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
A258053	0.4	< 0.1	< 0.1	< 0.05	0.3	0.001	< 0.5	0.03	4.70	1.3	0.4
A258054	0.3	< 0.1	< 0.1	< 0.05	0.3	< 0.001	< 0.5	0.04	3.48	0.8	0.3
A258055	0.5	< 0.1	< 0.1	< 0.05	0.2	< 0.001	< 0.5	0.04	3.53	1.3	0.5
A258056	0.5	< 0.1	< 0.1	< 0.05	0.2	< 0.001	< 0.5	0.05	4.84	1.2	0.4
A258057	0.5	< 0.1	< 0.1	< 0.05	0.3	< 0.001	< 0.5	0.05	4.42	1.5	0.4
A258058	0.4	< 0.1	< 0.1	< 0.05	0.3	< 0.001	< 0.5	0.04	3.90	1.6	0.4
A258059	0.4	< 0.1	< 0.1	< 0.05	1.0	< 0.001	< 0.5	0.06	5.85	2.2	0.4
A258060	0.4	< 0.1	< 0.1	< 0.05	0.1	< 0.001	< 0.5	0.05	3.45	1.3	0.3
A258061	0.4	< 0.1	< 0.1	< 0.05	0.2	0.001	< 0.5	0.05	6.16	1.4	0.4
A258062	0.7	< 0.1	< 0.1	< 0.05	0.1	< 0.001	< 0.5	0.06	4.16	1.7	0.5
A258063	0.5	< 0.1	0.1	< 0.05	0.3	< 0.001	< 0.5	0.05	4.25	1.1	0.4
A258064	0.4	< 0.1	< 0.1	< 0.05	0.4	0.001	< 0.5	0.07	4.89	1.0	0.3
A258065	0.4	< 0.1	< 0.1	< 0.05	0.2	0.001	5.1	0.06	3.85	0.9	0.3
A258066	0.5	< 0.1	< 0.1	< 0.05	0.2	0.001	5.2	0.06	4.06	0.9	0.3
A258067	0.4	< 0.1	< 0.1	< 0.05	0.6	< 0.001	5.8	0.07	3.81	0.5	0.2
A258068	0.7	< 0.1	< 0.1	< 0.05	0.2	0.002	8.6	0.08	3.72	0.8	0.4
A258069	0.4	< 0.1	< 0.1	< 0.05	0.2	0.001	1.1	0.06	5.99	0.9	0.3
A258070	0.5	< 0.1	< 0.1	< 0.05	0.2	0.002	0.6	0.08	6.33	0.7	0.3
A258071	0.5	< 0.1	< 0.1	< 0.05	0.3	< 0.001	< 0.5	0.06	5.26	0.9	0.3
A258072	0.3	< 0.1	< 0.1	< 0.05	0.2	< 0.001	2.8	0.07	6.12	1.5	0.3
A258073	1.1	0.2	< 0.1	< 0.05	0.3	0.001	2.8	0.19	6.65	0.2	0.8
A300949	0.4	< 0.1	< 0.1	< 0.05	0.2	< 0.001	16.7	0.06	4.28	1.3	0.5
A300950	0.9	0.1	< 0.1	< 0.05	0.1	0.001	2.6	0.07	5.37	0.9	1.2
A300951	0.6	< 0.1	< 0.1	< 0.05	0.2	0.001	3.5	0.07	6.47	0.8	1.2
A300952	0.6	< 0.1	< 0.1	< 0.05	< 0.1	0.002	< 0.5	0.05	5.49	0.6	1.3
A300953	1.0	0.1	< 0.1	< 0.05	0.2	0.003	2.7	0.07	2.15	2.3	1.1
A300954	0.4	< 0.1	< 0.1	< 0.05	0.3	< 0.001	< 0.5	0.05	5.12	1.2	0.4
A300955	0.4	< 0.1	< 0.1	< 0.05	0.1	0.001	< 0.5	0.05	5.50	1.6	0.4
A300956	0.3	< 0.1	< 0.1	< 0.05	0.2	0.001	< 0.5	0.04	4.14	1.0	0.4
A300957	0.3	< 0.1	< 0.1	< 0.05	0.2	< 0.001	< 0.5	0.06	5.23	1.8	0.4
A300958	1.6	0.3	< 0.1	< 0.05	1.7	0.001	5.7	0.20	9.60	1.1	1.1
A300959	0.5	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	10.9	0.06	4.15	0.5	0.6
A300960	0.5	< 0.1	< 0.1	< 0.05	0.1	< 0.001	2.7	0.06	4.86	0.6	0.6
A300961	0.6	< 0.1	< 0.1	< 0.05	0.2	0.001	10.1	0.05	4.68	0.9	0.6
A300962	0.5	< 0.1	< 0.1	< 0.05	< 0.1	0.002	0.7	0.04	4.22	1.0	0.5
A300963	0.7	< 0.1	< 0.1	< 0.05	< 0.1	0.001	2.7	0.05	4.54	1.2	0.6
A300964	0.6	< 0.1	< 0.1	< 0.05	< 0.1	0.001	2.7	0.04	3.98	1.2	0.5
A300965	0.6	< 0.1	< 0.1	< 0.05	< 0.1	0.001	31.6	0.05	5.36	1.2	0.6
A300966	0.6	< 0.1	< 0.1	< 0.05	< 0.1	0.001	3.6	0.06	5.43	0.5	1.1
A300967	0.4	< 0.1	< 0.1	< 0.05	< 0.1	0.002	0.8	0.02	2.43	0.8	0.3
A300968	0.4	< 0.1	< 0.1	< 0.05	< 0.1	0.001	1.8	0.03	4.08	0.6	0.4
A300969	0.6	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	1.0	0.04	4.46	1.0	0.8
A300970	0.6	< 0.1	< 0.1	< 0.05	< 0.1	0.001	0.9	0.05	4.70	0.8	1.1
A300971	0.5	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	6.3	0.05	3.81	0.3	1.0
A300972	0.5	< 0.1	< 0.1	< 0.05	< 0.1	0.001	2.5	0.03	4.44	0.6	0.6
A300973	0.6	< 0.1	< 0.1	< 0.05	< 0.1	0.001	2.7	0.04	3.19	1.4	0.7
A300974	0.4	< 0.1	< 0.1	< 0.05	0.2	< 0.001	< 0.5	0.04	4.60	1.0	1.1
A300975	0.4	< 0.1	< 0.1	< 0.05	0.2	0.003	6.0	0.05	5.12	1.4	0.5
A300976	0.7	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	2.4	0.06	4.03	1.2	1.0
A300977	1.1	0.2	< 0.1	< 0.05	< 0.1	0.002	1.8	0.12	6.46	0.5	3.2
A300978	0.7	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	3.6	0.05	3.65	0.8	1.0
A300979	0.7	0.1	< 0.1	< 0.05	< 0.1	0.001	3.8	0.05	3.78	1.1	1.6

Analyte Symbol	Yb	Lu	Hf	Ta	W	Re	Au	Tl	Pb	Th	U
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm
Detection Limit	0.1	0.1	0.1	0.05	0.1	0.001	0.5	0.02	0.01	0.1	0.1
Analysis Method	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
A300980	0.4	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 0.5	0.06	3.95	0.8	0.5
A300981	0.4	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 0.5	0.05	3.87	1.0	0.5
A300982	0.4	< 0.1	< 0.1	< 0.05	0.1	< 0.001	< 0.5	0.03	3.29	1.2	0.4
A300983	0.9	0.1	< 0.1	< 0.05	< 0.1	0.001	2.0	0.07	4.55	0.7	1.0
A300984	0.5	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 0.5	0.06	3.51	0.9	0.4
A300985	0.4	< 0.1	< 0.1	< 0.05	< 0.1	0.001	7.5	0.07	3.80	1.3	0.4
A300986	0.3	< 0.1	< 0.1	< 0.05	< 0.1	0.001	1.8	0.06	4.10	0.4	0.3
A300987	0.5	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	1.7	0.06	3.78	1.0	0.5
A300988	0.7	0.1	< 0.1	< 0.05	< 0.1	< 0.001	3.9	0.05	4.75	0.9	1.0
A300989	0.6	< 0.1	< 0.1	< 0.05	< 0.1	0.001	1.8	0.06	3.97	0.8	1.0
A300990	0.5	< 0.1	< 0.1	< 0.05	< 0.1	0.001	0.7	0.05	4.27	1.1	0.5
A300991	0.5	< 0.1	< 0.1	< 0.05	< 0.1	0.001	0.6	0.05	3.11	1.0	0.5
A300992	0.3	< 0.1	< 0.1	< 0.05	< 0.1	0.001	28.2	0.06	4.47	0.8	0.4
A300993	0.4	< 0.1	< 0.1	< 0.05	< 0.1	0.001	2.7	0.05	4.14	1.3	0.4
A300994	0.3	< 0.1	< 0.1	< 0.05	0.1	0.001	2.0	0.05	4.33	1.1	0.4
A300995	0.6	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	2.0	0.06	5.36	0.7	0.6
A300996	0.5	< 0.1	< 0.1	< 0.05	< 0.1	0.001	2.3	0.04	3.74	0.6	0.6
A300997	0.5	< 0.1	< 0.1	< 0.05	< 0.1	0.001	0.8	0.06	5.10	0.3	0.5
A300998	0.7	0.1	< 0.1	< 0.05	< 0.1	< 0.001	0.9	0.05	3.09	1.2	0.6
A300999	0.9	0.1	< 0.1	< 0.05	< 0.1	0.001	< 0.5	0.08	5.19	1.3	1.6
A301000	0.9	0.1	< 0.1	< 0.05	< 0.1	0.002	2.7	0.10	4.84	1.0	0.9

Quality Control

Analyte Symbol	Li	Be	B	Na	Mg	Al	K	Bi	Ca	Sc	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Rb	Sr
Unit Symbol	ppm	ppm	ppm	%	%	%	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.1	0.1	1	0.001	0.01	0.01	0.01	0.02	0.01	0.1	1	0.5	1	0.01	0.1	0.1	0.01	0.1	0.02	0.1	0.1	0.1	0.1	0.5
Analysis Method	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
GXR-1 Meas	4.7	0.9	12	0.049	0.12	0.32	0.03	1560	0.83	1.0	84	8.1	920	25.6	8.2	43.1	1270	861	6.27		421	16.5	2.4	212
GXR-1 Cert	8.20	1.22	15.0	0.0520	0.217	3.52	0.0500	1380	0.960	1.58	80.0	12.0	852	23.6	8.20	41.0	1110	760	13.8		427	16.6	14.0	275
GXR-4 Meas	10.6	1.6	8	0.176	1.90	2.93	1.89	19.0	0.95	7.4	88	65.4	140	3.23	14.8	44.0	6850	75.3	12.3		102	6.1	102	73.5
GXR-4 Cert	11.1	1.90	4.50	0.564	1.66	7.20	4.01	19.0	1.01	7.70	87.0	64.0	155	3.09	14.6	42.0	6520	73.0	20.0		98.0	5.60	160	221
GXR-2 Meas	55.5	1.1	22	0.191	0.50	3.33	0.68	0.28	0.76	4.7	43	27.7	1000	1.84	8.4	18.6	76.3	527	13.1		8.3	0.8	53.0	93.4
GXR-2 Cert	54.0	1.70	42.0	0.556	0.850	16.5	1.37	0.690	0.930	6.88	52.0	36.0	1010	1.86	8.60	21.0	76.0	530	37.0		25.0	0.610	78.0	160
GXR-6 Meas	29.8	1.0	5	0.088	0.38	7.41	1.17	0.14	0.17	21.8	151	73.0	999	5.38	12.6	22.9	59.1	111	15.7		173	0.7	65.5	35.4
GXR-6 Cert	32.0	1.40	9.80	0.104	0.609	17.7	1.87	0.290	0.180	27.6	186	96.0	1010	5.58	13.8	27.0	66.0	118	35.0		330	0.940	90.0	35.0
OREAS 13P Meas														5.61		2290	2460							
OREAS 13P Cert														7.58		2260	2500							
A258013 Orig	14.7	0.4	5	0.039	0.66	2.05	0.06	0.11	0.99	4.8	89	49.2	337	2.68	10.3	23.6	24.0	43.9	6.02	0.2	4.9	1.1	7.8	73.7
A258013 Dup	13.5	0.3	6	0.039	0.71	2.22	0.06	0.09	0.97	4.7	90	51.8	335	2.60	9.6	22.4	23.5	43.5	6.54	0.2	5.8	1.0	7.7	75.0
A258027 Orig	12.6	0.3	4	0.034	0.50	2.32	0.08	0.06	0.62	4.1	103	48.7	251	3.59	9.4	23.4	22.7	40.4	5.73	0.1	6.4	1.0	8.3	53.0
A258027 Dup	12.7	0.4	5	0.041	0.59	2.37	0.07	0.07	0.58	4.0	114	52.5	255	3.54	9.1	22.2	24.5	43.2	6.28	0.1	7.6	0.8	8.1	52.5
A258040 Orig	19.0	0.2	4	0.046	0.92	2.20	0.09	0.04	0.79	4.7	112	89.7	236	3.06	11.5	46.7	57.2	35.8	6.38	0.1	5.9	1.0	9.1	68.5
A258040 Dup	15.3	0.2	3	0.041	0.85	2.22	0.08	0.04	0.71	4.0	95	79.5	232	2.77	10.3	40.7	50.7	30.9	5.90	0.1	4.2	0.6	7.6	58.8
A258054 Orig	25.9	0.4	4	0.056	1.65	2.72	0.07	0.05	0.75	5.6	156	202	271	4.94	19.0	95.6	52.0	54.7	8.07	0.1	7.3	1.1	9.7	55.7
A258054 Dup	26.1	0.4	6	0.051	1.63	2.77	0.07	0.05	0.70	5.2	146	184	253	4.82	18.6	89.8	47.8	49.7	6.96	0.1	5.4	1.1	9.2	52.5
A300952 Orig	27.2	0.3	3	0.041	0.61	1.97	0.07	0.08	1.33	3.9	132	51.2	517	4.20	16.0	20.7	38.6	43.5	7.89	0.2	5.7	1.4	10.2	61.0
A300952 Dup	28.2	0.4	3	0.042	0.55	1.81	0.08	0.08	1.43	4.4	142	51.8	507	4.22	16.1	21.1	41.3	43.1	7.85	0.1	6.6	2.0	11.5	68.3
Method Blank Method Blank	< 0.1	< 0.1	< 1	< 0.001	< 0.01	< 0.01	< 0.01	< 0.02	< 0.01	< 0.1	< 1	< 0.5	< 1	< 0.01	< 0.1	< 0.1	< 0.01	< 0.1	< 0.02	< 0.1	< 0.1	< 0.1	< 0.1	< 0.5

Quality Control

Analyte Symbol	Y	Zr	Nb	Mo	Ag	Cd	In	Sn	Sb	Te	Cs	Ba	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.01	0.1	0.1	0.01	0.002	0.01	0.02	0.05	0.02	0.02	0.02	0.5	0.5	0.01	0.1	0.02	0.1	0.1	0.1	0.1	0.001	0.1	0.1	0.1
Analysis Method	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
GXR-1 Meas	30.6	16.9	< 0.1	18.3	28.3	2.46	0.69	24.5	71.7	13.3	2.52	86.8	5.3	11.4		6.18	2.2	0.5	3.6	0.7	4.51			0.4
GXR-1 Cert	32.0	38.0	0.800	18.0	31.0	3.30	0.770	54.0	122	13.0	3.00	750	7.50	17.0		18.0	2.70	0.690	4.20	0.830	4.30			0.430
GXR-4 Meas	12.8	10.2	0.1	322	3.18	0.12	0.19	5.43	2.53	0.78	2.32	12.8	41.4	79.0		32.4	5.1	1.2	4.1	0.5	2.54			0.2
GXR-4 Cert	14.0	186	10.0	310	4.00	0.860	0.270	5.60	4.80	0.970	2.80	1640	64.5	102		45.0	6.60	1.63	5.25	0.360	2.60			0.210
GXR-2 Meas	10.9	9.3	1.1	0.73	15.7	3.44	0.04	0.94	18.8	0.36	3.99	1230	19.3	39.0		15.3	2.8	0.6	2.7	0.4	2.08			0.1
GXR-2 Cert	17.0	269	11.0	2.10	17.0	4.10	0.252	1.70	49.0	0.690	5.20	2240	25.6	51.4		19.0	3.50	0.810	3.30	0.480	3.30			0.300
GXR-6 Meas	6.41	8.4	< 0.1	1.36	0.251	0.08	0.05	0.81	1.27	0.06	3.32	1050	10.2	27.9		9.60	2.0	0.5	1.8	0.2	1.48			0.1
GXR-6 Cert	14.0	110	7.50	2.40	1.30	1.00	0.260	1.70	3.60	0.0180	4.20	1300	13.9	36.0		13.0	2.67	0.760	2.97	0.415	2.80			0.0320
OREAS 13P Meas																								
OREAS 13P Cert																								
A258013 Orig	6.59	1.7	1.0	0.60	0.124	0.17	0.02	0.47	0.42	0.04	0.77	99.9	10.3	20.5	2.5	9.52	1.8	0.4	1.5	0.2	1.30	0.3	0.7	< 0.1
A258013 Dup	6.76	1.8	1.0	0.58	0.122	0.15	< 0.02	0.46	0.44	0.04	0.75	92.9	10.0	19.5	2.4	9.46	1.8	0.4	1.4	0.2	1.21	0.2	0.6	< 0.1
A258027 Orig	4.63	1.9	0.6	0.77	0.070	0.14	< 0.02	0.33	0.42	< 0.02	0.83	99.0	7.8	15.2	1.7	6.52	1.3	0.3	1.2	0.2	0.997	0.2	0.5	< 0.1
A258027 Dup	4.72	2.1	0.5	0.82	0.070	0.16	0.02	0.46	0.45	0.03	0.81	98.2	8.2	16.4	2.0	7.39	1.5	0.4	1.2	0.2	0.998	0.2	0.5	< 0.1
A258040 Orig	4.59	2.4	0.5	2.34	0.040	0.09	< 0.02	0.33	0.72	< 0.02	0.91	92.0	5.9	11.8	1.4	5.50	1.1	0.3	1.0	0.1	0.952	0.2	0.5	< 0.1
A258040 Dup	4.01	2.3	0.4	2.22	0.042	0.09	< 0.02	0.28	0.61	< 0.02	0.83	79.6	5.2	10.2	1.2	4.93	1.0	0.3	1.0	0.1	0.839	0.2	0.4	< 0.1
A258054 Orig	3.72	2.6	0.4	0.73	0.101	0.27	< 0.02	0.27	0.32	0.06	1.33	98.5	4.0	8.65	1.0	3.84	0.8	0.2	0.8	0.1	0.738	0.2	0.4	< 0.1
A258054 Dup	3.19	2.1	< 0.1	0.64	0.107	0.12	0.02	0.20	0.31	0.06	1.25	97.2	4.0	7.99	0.9	3.41	0.7	0.2	0.7	0.1	0.668	0.1	0.3	< 0.1
A300952 Orig	8.28	2.1	0.9	1.21	0.125	0.27	< 0.02	0.36	0.27	< 0.02	1.01	104	9.4	16.9	2.2	8.89	1.9	0.5	1.9	0.3	1.57	0.3	0.8	0.1
A300952 Dup	9.07	2.0	1.1	1.26	0.132	0.29	0.02	0.41	0.33	0.05	1.08	105	9.8	18.2	2.3	9.01	1.8	0.5	1.8	0.2	1.53	0.3	0.8	0.1
Method Blank Method Blank	< 0.01	< 0.1	< 0.1	< 0.01	< 0.002	< 0.01	< 0.02	< 0.05	< 0.02	< 0.02	< 0.02	< 0.5	< 0.5	< 0.01	< 0.1	< 0.02	< 0.1	< 0.1	< 0.1	< 0.1	< 0.001	< 0.1	< 0.1	< 0.1

Quality Control

Analyte Symbol	Yb	Lu	Hf	Ta	W	Re	Au	Tl	Pb	Th	U
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm
Detection Limit	0.1	0.1	0.1	0.05	0.1	0.001	0.5	0.02	0.01	0.1	0.1
Analysis Method	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
GXR-1 Meas	2.1	0.3	0.2	< 0.05	148		3290	0.40	748	1.8	32.8
GXR-1 Cert	1.90	0.280	0.960	0.175	164		3300	0.390	730	2.44	34.9
GXR-4 Meas	0.8	0.1	0.2	< 0.05	10.9		415	2.95	45.9	14.6	4.5
GXR-4 Cert	1.60	0.170	6.30	0.790	30.8		470	3.20	52.0	22.5	6.20
GXR-2 Meas	0.8	0.1	0.1	< 0.05	< 0.1		19.7	0.58	636	4.6	1.4
GXR-2 Cert	2.04	0.270	8.30	0.900	1.90		36.0	1.03	690	8.80	2.90
GXR-6 Meas	0.7	< 0.1	0.1	< 0.05	< 0.1		64.5	1.74	86.8	3.4	0.7
GXR-6 Cert	2.40	0.330	4.30	0.485	1.90		95.0	2.20	101	5.30	1.54
OREAS 13P Meas							49.0				
OREAS 13P Cert							48.0				
A258013 Orig	0.5	< 0.1	< 0.1	< 0.05	0.1	0.001	< 0.5	0.06	4.30	1.2	0.5
A258013 Dup	0.5	< 0.1	< 0.1	< 0.05	< 0.1	0.001	< 0.5	0.05	3.93	1.1	0.5
A258027 Orig	0.4	< 0.1	< 0.1	< 0.05	0.2	< 0.001	< 0.5	0.05	4.53	1.5	0.4
A258027 Dup	0.4	< 0.1	< 0.1	< 0.05	0.2	< 0.001	< 0.5	0.05	5.16	1.7	0.4
A258040 Orig	0.4	< 0.1	< 0.1	< 0.05	0.2	< 0.001	< 0.5	0.05	3.53	1.1	0.4
A258040 Dup	0.3	< 0.1	< 0.1	< 0.05	0.1	0.001	< 0.5	0.05	3.26	0.9	0.3
A258054 Orig	0.3	< 0.1	< 0.1	< 0.05	0.3	< 0.001	< 0.5	0.04	3.63	0.9	0.3
A258054 Dup	0.2	< 0.1	< 0.1	< 0.05	0.3	0.001	< 0.5	0.04	3.34	0.8	0.3
A300952 Orig	0.6	< 0.1	< 0.1	< 0.05	< 0.1	0.002	< 0.5	0.05	5.61	0.6	1.3
A300952 Dup	0.6	< 0.1	< 0.1	< 0.05	0.1	0.001	< 0.5	0.06	5.37	0.6	1.3
Method Blank Method Blank	< 0.1	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 0.5	< 0.02	< 0.01	< 0.1	< 0.1

Quality Analysis ... *Innovative Technologies*

Date Submitted: 22-Sep-09
Invoice No.: A09-5502
Invoice Date: 21-Oct-09
Your Reference:

Terrane Metals Corp
1500-999 West Hastings Street
Vancouver BC V6C 2W2
Canada

ATTN: VP Exploration Darren O'brien

CERTIFICATE OF ANALYSIS

130 Soil samples were submitted for analysis.

The following analytical package was requested: Code UT-1-0.5g Aqua Regia ICP/MS

REPORT **A09-5502**

Notes:
Assays are recommended for values >10,000 for Cu and Au.

CERTIFIED BY :

Emmanuel Eseme , Ph.D.
Quality Control

SCC Accredited LAB 265
LAB 266 Accrédité CCN

ACTIVATION LABORATORIES LTD.

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Analyte Symbol	Li	Be	B	Na	Mg	Al	K	Bi	Ca	Sc	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Rb	Sr
Unit Symbol	ppm	ppm	ppm	%	%	%	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.1	0.1	1	0.001	0.01	0.01	0.01	0.02	0.01	0.1	1	0.5	1	0.01	0.1	0.1	0.01	0.1	0.02	0.1	0.1	0.1	0.1	0.5
Analysis Method	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
A258074	19.6	0.4	4	0.035	0.80	1.97	0.10	0.06	0.73	5.3	193	60.6	296	4.52	13.1	24.3	53.1	69.7	10.5	0.1	4.9	0.8	21.2	95.0
A258075	34.3	0.4	3	0.042	2.13	3.18	0.41	0.02	0.76	6.7	256	110	454	6.17	22.6	35.8	83.7	95.1	13.5	0.2	3.3	1.3	68.1	89.4
A258076	14.2	0.3	4	0.041	0.82	1.88	0.09	0.07	0.77	4.3	127	84.4	275	4.18	11.1	34.6	30.5	50.4	7.51	0.1	10.8	0.6	14.3	44.5
A258077	11.7	0.4	7	0.054	0.85	2.10	0.14	0.05	1.24	7.0	101	59.4	466	3.07	12.7	33.0	57.4	41.7	6.80	0.1	5.2	1.0	12.7	88.7
A258078	18.1	0.4	5	0.036	0.57	2.60	0.10	0.08	0.63	5.9	149	69.5	243	4.50	10.5	26.0	25.9	52.1	9.81	0.1	8.6	1.1	13.5	48.4
A258079	20.1	0.3	4	0.048	1.69	2.49	0.09	0.03	0.64	4.3	106	147	422	3.77	17.8	68.1	66.7	38.4	7.77	0.1	6.8	0.6	8.9	50.9
A258080	13.6	0.3	4	0.037	0.45	1.66	0.06	0.06	0.72	4.8	113	53.7	209	3.34	7.3	18.9	16.7	36.0	7.89	< 0.1	3.0	1.0	10.5	58.9
A258081	12.0	0.3	4	0.050	0.93	1.86	0.08	0.07	0.74	4.7	125	77.3	329	3.76	11.4	34.7	32.3	38.4	9.01	< 0.1	8.3	0.9	11.9	64.1
A258082	18.3	0.4	6	0.056	0.79	2.09	0.08	0.06	0.79	5.8	140	73.6	266	3.91	12.3	34.1	33.0	59.3	10.3	0.2	7.2	1.1	12.9	56.0
A258083	17.2	0.4	4	0.044	0.62	2.75	0.07	0.05	0.80	5.7	194	73.0	288	5.63	11.8	30.9	29.5	37.6	8.60	0.1	9.0	1.1	8.5	55.2
A258084	17.4	0.3	4	0.045	0.67	1.94	0.10	0.07	0.80	5.7	135	79.5	277	3.55	10.9	36.1	19.9	39.1	9.33	< 0.1	3.8	0.6	19.2	52.9
A258085	17.6	0.3	4	0.032	0.51	2.39	0.08	0.07	0.75	5.2	128	69.0	220	3.74	9.9	27.0	29.1	63.5	10.4	< 0.1	11.4	1.0	9.9	56.9
A258086	16.2	0.4	4	0.035	0.59	1.98	0.08	0.07	0.74	5.5	145	58.1	241	4.48	9.3	22.7	25.9	38.5	9.05	< 0.1	11.1	0.8	11.1	56.2
A258087	26.0	0.4	5	0.036	0.76	2.21	0.09	0.10	0.75	5.5	147	67.1	270	4.49	11.7	27.3	33.4	44.6	11.9	0.1	4.6	0.9	15.6	78.5
A258088	14.8	0.3	4	0.036	0.72	2.13	0.07	0.05	0.83	4.8	117	74.0	244	3.15	9.5	30.4	30.3	32.4	8.47	< 0.1	4.8	0.8	19.0	77.2
A258089	22.0	0.3	4	0.043	0.99	2.60	0.15	0.06	0.97	5.1	116	74.5	342	3.94	14.5	37.6	42.2	40.0	8.58	0.1	5.6	0.7	21.0	83.5
A258090	43.5	0.5	5	0.063	1.07	2.66	0.11	0.08	1.20	5.9	129	66.7	401	3.61	15.0	41.4	157	55.2	9.68	0.1	6.5	0.9	16.6	69.4
A258091	8.1	0.3	3	0.035	0.56	1.88	0.07	0.09	0.73	5.3	68	54.4	183	3.27	6.0	14.1	20.8	38.6	8.94	< 0.1	6.9	0.8	18.3	60.1
A258092	40.5	0.3	4	0.094	1.27	2.68	0.16	0.06	1.21	6.8	129	54.2	396	3.66	18.4	33.3	154	70.5	8.88	0.1	4.4	0.9	12.4	57.7
A258093	14.2	0.3	4	0.053	0.64	2.33	0.16	0.06	0.92	4.0	75	41.8	488	2.90	12.2	21.5	51.4	62.5	7.03	0.1	3.9	0.9	17.9	83.1
A258094	17.6	0.6	4	0.038	0.63	2.62	0.07	0.09	0.61	5.1	120	49.0	232	4.07	8.2	16.6	33.6	52.0	9.31	0.1	6.6	0.8	11.1	53.2
A258095	14.3	0.4	4	0.033	0.42	2.06	0.05	0.11	0.60	4.7	118	50.3	177	3.67	6.3	14.4	16.7	28.2	9.77	< 0.1	8.4	1.0	12.6	54.4
A258096	18.5	0.4	4	0.040	0.66	2.12	0.09	0.08	0.65	4.8	92	49.8	258	3.07	9.9	22.0	30.6	79.8	8.99	< 0.1	6.2	0.7	14.3	50.5
A258097	23.8	0.5	4	0.041	0.81	2.69	0.13	0.10	0.61	5.1	101	51.6	349	4.06	13.9	23.6	35.9	113	10.4	0.1	7.5	0.8	16.7	43.7
A258098	31.4	0.7	5	0.033	1.27	4.67	0.34	0.19	0.69	10.2	166	109	1100	6.16	26.5	79.2	164	115	15.4	0.1	11.2	1.2	28.3	52.7
A258099	13.2	0.4	4	0.032	0.50	2.09	0.09	0.08	0.71	4.7	102	43.0	269	3.13	7.9	21.0	26.8	44.2	7.86	< 0.1	6.5	0.8	14.8	60.2
A258100	9.1	0.4	4	0.034	0.55	2.00	0.06	0.09	0.58	4.4	202	60.8	244	4.51	7.2	22.1	19.1	38.5	12.0	0.1	12.2	0.9	11.9	52.4
A258101	8.2	0.3	3	0.029	0.31	2.74	0.03	0.05	0.43	3.8	114	42.5	151	3.38	5.0	12.4	15.1	16.0	8.27	< 0.1	5.7	1.1	2.5	43.1
A258102	11.4	0.2	3	0.037	0.51	1.66	0.05	0.06	0.60	4.0	131	41.0	158	2.78	6.9	15.9	37.3	24.7	8.74	< 0.1	4.6	0.8	10.1	46.6
A258103	25.2	0.5	5	0.036	0.99	2.72	0.08	0.10	0.49	5.8	147	80.0	243	5.04	14.3	40.4	82.4	48.5	10.4	0.1	40.2	0.7	22.5	40.1
A258104	17.2	0.3	4	0.033	0.70	2.20	0.10	0.10	0.61	6.5	174	90.4	222	4.81	10.5	40.2	26.8	56.6	12.1	0.1	11.2	0.8	27.9	48.5
A258105	36.1	0.3	4	0.056	1.10	2.55	0.10	0.08	1.12	6.2	99	57.7	422	3.36	15.5	33.2	145	55.6	8.80	0.1	5.3	0.7	11.5	63.7
A258106	24.2	0.5	5	0.062	0.77	2.22	0.08	0.07	1.79	6.5	103	56.8	933	3.14	14.3	31.1	210	34.3	6.77	0.1	5.4	1.5	10.2	88.0
A258107	19.7	0.3	4	0.050	0.83	2.09	0.09	0.08	0.80	5.2	113	54.2	315	3.39	12.1	25.6	39.0	46.7	9.74	0.1	2.6	0.9	15.6	49.9
A258108	20.2	0.5	4	0.041	0.68	2.42	0.09	0.07	0.91	5.4	117	51.3	287	3.99	12.8	26.4	29.9	47.9	9.32	0.1	6.1	1.0	14.0	61.2
A258109	2.7	0.5	6	0.020	0.20	0.63	0.03	0.03	4.66	0.5	27	15.1	657	0.72	3.3	27.6	145	14.5	2.00	0.1	3.5	3.4	4.5	164
A258110	15.7	0.3	4	0.036	0.59	2.01	0.06	0.10	0.80	4.1	104	47.8	365	3.05	9.8	20.9	25.2	58.3	9.85	0.1	7.5	0.8	11.4	61.0
A258111	22.2	0.4	12	0.069	1.12	3.58	0.09	0.07	0.95	6.1	131	52.0	418	4.45	14.9	26.2	66.6	64.8	11.3	0.1	7.3	0.9	10.1	55.1
A258112	15.6	0.4	3	0.027	0.50	2.39	0.08	0.08	0.54	4.8	114	54.1	235	4.36	8.5	19.0	21.2	57.1	8.36	0.1	7.1	0.8	18.7	45.7
A258113	15.5	0.5	4	0.032	0.47	2.46	0.05	0.15	0.65	4.9	115	73.9	213	3.95	9.0	27.4	18.2	52.0	8.05	< 0.1	5.9	0.8	12.2	45.4
A258114	31.4	0.2	2	0.041	1.32	1.99	0.30	0.03	0.52	2.8	91	143	240	2.79	16.3	74.0	91.9	57.3	8.34	0.1	3.2	1.1	38.1	27.0
A258115	16.5	0.4	3	0.030	0.46	2.21	0.07	0.08	0.53	4.6	109	53.8	187	3.97	8.2	22.4	18.5	54.4	8.85	0.1	4.6	0.7	18.0	42.1
A258116	15.4	0.3	3	0.053	1.15	2.19	0.09	0.08	0.82	6.1	170	114	291	4.65	13.6	57.6	37.3	43.3	10.4	0.1	10.8	1.0	14.0	89.9
A258117	13.9	0.2	4	0.063	1.23	2.15	0.08	0.05	0.99	5.6	108	84.6	385	3.17	13.1	48.2	40.3	42.4	9.52	0.1	5.9	0.8	13.7	77.5
A258118	16.4	0.3	4	0.054	0.83	2.44	0.07	0.06	0.80	4.8	97	62.0	272	3.50	11.1	27.7	30.5	57.5	7.77	0.1	5.8	0.8	8.2	54.4
A258119	19.3	0.4	5	0.050	1.02	2.69	0.09	0.08	0.82	6.1	144	65.2	333	4.67	12.6	31.0	38.7	41.5	11.6	0.1	6.9	0.9	7.9	54.5
A258120	15.5	0.4	4	0.050	0.80	2.36	0.08	0.05	0.94	6.1	119	64.7	261	3.86	12.2	38.9	34.0	39.0	9.65	0.1	3.9	0.8	12.5	57.9
A258121	27.3	0.3	5	0.043	0.92	2.30	0.09	0.09	0.73	7.5	141	123	401	4.00	15.9	61.1	33.8	72.1	11.6	0.1	14.6	0.9	26.7	48.6
A258122	15.0	0.3	4	0.037	0.52	2.04	0.06	0.08	0.86	4.2	96	42.8	298	2.53	8.3	17.0	20.9	37.1	8.98	0.1	6.1	0.9	9.0	64.3
A258123	43.8	0.5	4	0.054	1.59	3.45	0.08	0.07	0.95	10.4	185	76.5	591	5.11	25.3	43.4	218	63.9	10.2	0.1	13.6	0.8	8.1	49.1
A258124	20.8	0.5	5	0.032	0.75	2.30	0.10	0.07	0.83	5.0	130	62.8	277	3.80	12.0	35.5	47.7	62.9	9.79	0.1	4.5	0.8	22.7	76.6
A258125	12.1	0.3	7	0.026	1.12	2.54	0.06	0.09	0.61	7.7	131	79.2	449	4.51	12.6	25.9	47.9	53.1	10.1	0.1	13.0	0.8	12.6	76.3

Analyte Symbol	Li	Be	B	Na	Mg	Al	K	Bi	Ca	Sc	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Rb	Sr
Unit Symbol	ppm	ppm	ppm	%	%	%	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.1	0.1	1	0.001	0.01	0.01	0.01	0.02	0.01	0.1	1	0.5	1	0.01	0.1	0.1	0.01	0.1	0.02	0.1	0.1	0.1	0.1	0.5
Analysis Method	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
A258126	14.9	0.4	6	0.029	0.87	2.43	0.06	0.08	0.65	7.4	123	76.1	345	4.31	11.7	29.9	49.8	44.5	8.96	0.1	9.3	1.0	10.8	75.1
A258127	12.3	0.3	4	0.025	0.78	2.01	0.07	0.08	0.47	4.6	84	62.0	344	3.54	9.8	29.2	34.0	49.3	6.97	< 0.1	7.1	0.8	8.0	51.3
A258128	10.5	0.3	4	0.018	0.79	2.19	0.07	0.10	0.45	5.0	110	72.5	544	3.99	10.6	25.0	36.7	53.7	9.31	0.1	12.3	0.7	17.9	56.2
A258129	5.8	0.2	4	0.020	0.43	1.91	0.06	0.12	0.43	4.5	104	57.4	236	3.81	5.7	14.4	24.0	35.1	10.4	< 0.1	6.8	0.8	13.8	55.9
A258130	11.1	0.3	4	0.023	0.85	2.73	0.07	0.08	0.53	5.6	106	75.2	335	4.49	9.7	24.2	30.9	51.8	9.59	< 0.1	8.3	1.0	9.8	54.6
A258131	11.3	0.3	5	0.018	0.78	2.35	0.06	0.07	0.52	5.3	74	55.8	297	3.22	9.8	25.1	35.3	38.1	7.14	< 0.1	5.5	0.9	9.9	53.3
A258132	7.3	0.3	6	0.023	0.62	2.01	0.07	0.11	0.70	5.4	130	66.5	428	4.34	10.4	22.3	42.6	44.0	11.0	< 0.1	4.5	0.9	13.9	81.8
A258133	15.2	0.4	5	0.026	0.98	2.77	0.08	0.10	0.60	7.2	117	82.4	421	4.27	11.3	27.4	34.4	75.6	10.8	< 0.1	9.2	0.9	18.0	72.9
A258134	5.4	0.2	2	0.016	0.19	2.18	0.21	0.10	0.12	6.3	70	27.6	225	4.81	11.2	14.8	37.5	56.4	7.08	0.1	2.7	0.7	34.7	16.2
A258135	13.9	0.3	11	0.024	1.19	2.89	0.08	0.10	0.79	7.8	134	75.8	434	4.93	13.5	25.6	45.3	65.5	12.2	0.1	8.3	1.0	18.1	146
A258136	26.7	0.5	4	0.020	0.89	2.82	0.13	0.16	0.39	8.6	141	56.1	366	5.94	11.6	25.8	50.7	77.0	13.0	0.1	5.4	0.8	30.3	46.7
A258137	20.3	0.3	6	0.025	1.40	2.93	0.09	0.08	0.86	11.0	137	86.1	419	4.84	17.0	32.7	50.8	69.5	12.2	0.1	6.4	1.0	20.6	154
A258138	10.9	0.2	3	0.021	1.01	2.67	0.09	0.12	0.44	8.1	132	69.8	326	5.02	12.5	21.3	39.0	54.6	12.4	< 0.1	8.3	0.7	25.0	60.0
A258139	20.3	0.3	5	0.026	1.40	2.81	0.10	0.11	0.88	7.3	124	92.2	622	4.90	19.2	34.8	33.6	56.8	10.9	0.1	4.7	0.8	33.4	83.4
A258140	38.0	0.4	4	0.026	1.90	2.89	0.10	0.10	1.63	8.4	170	137	626	6.22	26.7	47.5	58.5	125	11.7	0.1	6.6	0.9	30.5	78.8
A258141	13.8	0.4	7	0.027	1.20	3.03	0.07	0.10	0.67	7.2	151	101	415	5.19	13.9	32.2	38.5	55.2	12.5	0.1	13.3	0.8	19.6	81.7
A258142	9.7	0.2	3	0.024	1.05	2.23	0.08	0.11	0.93	5.7	62	92.4	270	2.29	10.5	34.9	19.0	34.6	9.67	< 0.1	3.1	0.7	29.2	84.4
A258143	19.1	0.4	8	0.027	1.02	2.84	0.10	0.09	0.77	8.5	115	80.7	458	3.75	13.8	30.4	39.2	73.3	12.1	0.1	5.1	0.9	24.8	83.5
A258144	16.1	0.3	7	0.024	1.20	3.12	0.10	0.09	0.69	7.2	112	81.7	560	4.48	14.5	32.7	39.1	60.6	10.8	< 0.1	6.7	0.6	16.9	73.3
A258145	14.2	0.4	7	0.027	1.17	2.78	0.08	0.07	0.71	8.2	140	96.5	411	5.06	14.2	34.9	55.6	62.1	11.8	0.1	10.1	1.0	14.0	81.5
A258146	8.6	0.2	3	0.019	0.75	2.00	0.06	0.13	0.80	6.8	89	69.3	250	3.04	11.1	22.7	23.9	40.5	10.1	0.1	4.0	0.8	13.8	94.1
A258147	20.1	0.3	4	0.028	1.84	3.19	0.10	0.15	0.80	8.1	137	126	545	5.47	19.5	42.9	46.8	72.2	11.3	0.1	7.1	0.8	26.2	82.1
A258148	19.2	0.3	4	0.026	1.64	3.06	0.11	0.12	0.79	9.6	105	97.5	464	4.27	15.1	35.4	32.2	71.7	11.1	0.1	5.2	0.9	25.7	75.6
A258149	15.9	0.3	3	0.028	1.38	3.03	0.09	0.09	0.92	8.3	109	117	543	4.48	17.5	36.3	44.1	88.7	11.2	< 0.1	3.5	0.7	28.0	87.1
A258150	17.7	0.3	6	0.030	1.05	2.67	0.09	0.07	0.80	6.6	116	74.4	393	4.16	12.1	35.0	40.4	58.2	8.86	0.1	5.1	0.8	13.8	76.9
A258151	10.7	0.2	4	0.027	0.79	2.28	0.07	0.09	0.63	4.6	87	70.5	303	3.06	8.3	22.5	50.8	41.5	8.69	< 0.1	6.4	0.7	14.7	72.2
A258152	17.2	0.3	4	0.027	1.15	2.52	0.09	0.09	0.73	6.0	117	84.5	404	4.67	14.0	31.0	45.9	57.4	9.28	< 0.1	6.3	0.6	23.5	69.8
A258153	24.4	0.4	5	0.029	1.63	2.97	0.10	0.07	1.21	9.3	129	107	656	5.35	21.3	43.9	67.7	76.0	11.0	0.1	6.6	0.7	25.4	80.3
A258154	6.3	0.3	4	0.027	0.76	2.03	0.08	0.11	0.90	6.1	88	74.1	289	3.28	9.5	21.1	51.1	46.3	9.63	< 0.1	6.7	0.7	28.7	83.2
A258155	17.7	0.4	5	0.028	0.54	2.29	0.09	0.11	0.79	4.9	98	41.3	381	2.87	8.8	18.6	31.0	69.6	8.74	< 0.1	4.4	0.7	12.6	67.2
A258156	27.3	0.6	5	0.032	0.88	2.99	0.12	0.14	0.57	5.5	106	57.0	562	3.90	12.1	26.2	44.5	88.5	8.95	0.1	13.5	0.9	14.2	53.2
A258157	28.2	0.6	5	0.030	0.63	2.57	0.10	0.19	0.42	3.8	96	48.1	325	3.52	9.2	26.5	55.3	58.2	9.93	0.1	8.1	1.1	13.8	45.2
A258158	12.0	0.3	5	0.027	0.46	1.87	0.09	0.11	0.58	3.0	84	36.3	240	2.89	5.7	15.6	20.5	40.6	7.60	< 0.1	4.3	0.8	13.3	61.8
A258159	16.1	0.6	6	0.032	0.59	2.40	0.09	0.09	0.81	5.0	92	41.7	297	3.33	8.9	22.5	32.9	51.1	7.81	0.1	3.9	0.7	11.7	74.6
A258160	2.2	0.4	6	0.018	0.21	0.58	0.04	0.02	4.99	0.5	27	16.9	594	0.49	3.1	14.5	62.9	13.2	1.67	0.1	0.8	1.8	2.5	147
A258161	15.1	0.4	5	0.035	0.85	1.98	0.08	0.06	1.02	5.6	96	43.0	428	2.72	10.4	22.2	25.8	62.3	8.09	0.1	4.7	0.8	10.4	79.5
A258162	12.4	0.7	5	0.028	0.57	2.62	0.09	0.11	1.97	2.4	88	46.7	2090	2.83	12.0	29.2	71.3	70.2	8.14	0.2	9.5	1.5	12.7	89.0
A258163	10.6	0.3	4	0.029	0.40	2.09	0.05	0.09	0.85	3.5	88	41.2	177	2.93	5.5	15.3	23.1	47.0	8.70	< 0.1	8.6	0.6	5.5	71.7
A258164	7.3	0.3	5	0.025	0.38	3.07	0.08	0.09	0.96	14.4	175	20.8	234	4.09	7.4	6.7	49.9	55.3	15.0	< 0.1	2.8	0.6	9.3	102
A258165	8.8	0.3	4	0.025	0.38	2.10	0.07	0.11	0.49	5.0	97	37.9	325	3.37	6.3	12.9	20.3	48.2	9.68	< 0.1	5.4	0.7	10.4	65.0
A258166	29.2	0.5	6	0.022	1.22	3.47	0.15	0.08	0.51	10.4	163	76.0	476	6.24	17.7	40.3	55.9	91.7	12.0	0.1	7.6	0.9	30.4	56.4
A258167	23.0	0.6	6	0.024	1.25	3.67	0.11	0.08	0.48	9.3	169	70.4	609	6.92	17.2	32.9	69.6	82.5	12.0	< 0.1	10.2	0.7	14.2	52.6
A258168	31.7	0.5	16	0.024	1.10	3.52	0.17	0.12	0.87	11.6	224	53.6	1490	6.43	23.6	24.1	53.6	126	15.9	0.1	5.9	1.0	43.9	103
A258169	7.0	0.3	6	0.026	0.50	1.79	0.07	0.10	0.69	5.0	104	53.6	280	3.43	7.9	19.1	29.4	48.5	9.21	< 0.1	3.6	0.8	14.8	72.3
A258170	8.1	0.3	5	0.025	0.51	1.96	0.07	0.09	0.68	4.0	113	57.0	237	3.97	7.7	22.8	50.1	36.7	9.01	0.1	6.0	1.0	8.8	69.1
A258171	15.9	0.5	5	0.029	0.54	2.90	0.06	0.08	0.56	6.1	111	68.9	183	4.07	7.2	20.9	38.0	34.4	8.77	< 0.1	8.9	1.0	8.8	60.5
A258172	20.2	0.6	8	0.032	0.99	3.24	0.08	0.07	0.76	6.6	146	98.9	480	5.20	13.8	33.5	50.9	71.2	10.7	0.1	11.3	0.8	15.3	71.9
A258173	16.4	0.8	6	0.034	1.46	3.36	0.10	0.08	1.51	8.8	110	93.7	1440	4.10	23.5	43.8	99.1	69.9	9.34	0.1	9.3	0.9	12.6	96.3
A258174	12.9	0.3	6	0.028	0.79	2.77	0.10	0.09	0.68	6.1	116	63.2	462	4.17	10.7	24.6	29.9	49.5	10.4	< 0.1	8.0	0.9	21.6	70.1
A258175	12.9	0.3	10	0.029	0.95	2.68	0.07	0.06	0.78	7.4	134	86.1	349	4.39	11.6	34.9	42.3	46.2	9.41	< 0.1	8.3	1.0	12.7	81.4
A258176	32.1	0.6	7	0.029	2.34	4.14	0.13	0.11	0.81	13.2	201	155	1040	6.28	26.4	50.0	119	113	13.6	0.1	11.0	1.2	35.3	73.1
A258177	49.0	0.5	3	0.029	3.51	4.19	0.07	0.07	1.29	10.1	247	232	934	8.69	38.2	66.7	74.8	139	16.6	0.2	5.0	0.9	15.2	104

Analyte Symbol	Li	Be	B	Na	Mg	Al	K	Bi	Ca	Sc	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Rb	Sr
Unit Symbol	ppm	ppm	ppm	%	%	%	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.1	0.1	1	0.001	0.01	0.01	0.01	0.02	0.01	0.1	1	0.5	1	0.01	0.1	0.1	0.01	0.1	0.02	0.1	0.1	0.1	0.1	0.5
Analysis Method	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
A258178	81.1	0.8	5	0.025	1.95	3.49	0.08	0.11	2.07	14.5	165	80.6	8410	5.39	44.5	43.0	167	156	9.15	0.1	3.2	1.2	22.6	125
A258179	72.1	1.4	6	0.033	1.42	4.90	0.11	0.40	1.94	10.8	119	195	> 10000	5.79	44.5	83.1	263	128	8.39	0.1	1.9	1.2	33.6	102
A258180	35.0	1.0	4	0.031	1.06	3.93	0.09	0.19	0.71	5.5	108	64.5	2050	4.67	21.5	33.9	106	117	12.6	< 0.1	3.2	0.6	24.1	90.6
A258181	17.1	0.7	5	0.036	0.76	2.82	0.11	0.14	1.57	5.6	75	53.6	996	3.61	15.3	28.6	151	72.3	6.69	0.1	9.3	2.0	14.5	70.5
A258182	24.8	0.6	6	0.031	0.87	2.66	0.11	0.10	1.20	7.7	92	44.3	740	3.33	11.3	23.9	50.2	80.7	8.15	0.1	3.2	1.2	16.6	75.7
A258183	15.5	0.4	5	0.026	0.55	2.58	0.08	0.08	0.63	5.7	94	43.5	381	3.94	9.3	19.0	24.4	67.6	7.77	< 0.1	5.9	0.7	12.9	54.9
A258184	8.3	0.3	4	0.028	0.40	1.85	0.07	0.08	0.84	2.7	89	31.7	204	2.75	4.8	12.2	25.0	34.4	7.80	< 0.1	4.3	0.8	10.6	68.4
A258185	11.5	0.8	4	0.037	0.48	2.13	0.07	0.07	0.72	1.4	76	40.7	819	2.20	7.1	16.2	39.9	52.8	6.66	0.1	4.8	0.9	9.7	71.0
A258186	7.7	0.2	4	0.020	0.38	1.68	0.04	0.07	0.46	3.4	84	35.7	175	2.56	4.3	10.8	20.6	35.0	6.89	< 0.1	8.4	0.9	6.5	38.4
A258187	13.1	0.3	4	0.046	0.46	2.43	0.07	0.10	0.61	5.5	98	43.6	248	3.99	6.5	15.5	22.4	43.3	7.88	< 0.1	4.3	0.8	7.7	59.3
A258188	8.8	0.3	5	0.033	0.51	2.00	0.07	0.06	0.73	5.3	128	51.4	257	3.74	6.9	19.7	32.9	39.8	7.50	< 0.1	7.5	0.9	10.7	68.3
A258189	11.9	0.4	4	0.031	0.55	2.17	0.07	0.06	0.71	4.1	84	39.9	275	3.19	7.4	18.2	26.3	43.0	6.03	< 0.1	8.4	0.8	6.8	59.1
A258190	19.3	0.5	5	0.035	0.64	1.99	0.09	0.09	1.05	5.0	105	45.4	841	3.17	14.2	21.3	37.3	74.1	7.39	0.1	6.4	0.9	14.2	73.7
A258191	11.3	0.3	4	0.036	0.63	1.93	0.07	0.06	0.92	4.1	66	32.6	591	2.11	7.1	16.4	24.0	48.0	6.16	< 0.1	3.7	0.7	12.4	72.6
A258192	15.6	0.5	5	0.033	0.69	2.54	0.08	0.12	0.74	2.7	89	43.1	2880	3.06	11.5	18.6	33.3	108	8.49	< 0.1	6.6	0.6	16.7	61.8
A258193	9.5	0.5	6	0.032	0.54	2.13	0.08	0.07	1.62	2.2	73	39.6	1100	2.44	8.8	19.5	60.7	58.6	5.53	0.1	5.8	1.1	13.0	86.1
A258194	9.8	0.4	3	0.027	0.40	1.91	0.06	0.08	0.56	3.2	87	34.5	231	3.22	5.6	11.4	24.6	40.6	7.66	< 0.1	5.3	0.9	9.9	55.3
A258195	16.9	0.4	4	0.053	1.20	2.71	0.11	0.07	0.79	6.1	139	62.8	372	4.89	13.2	27.0	23.5	56.1	9.92	0.1	11.1	0.7	11.0	53.4
A258196	15.3	0.4	4	0.030	0.71	2.29	0.08	0.11	0.51	4.4	86	41.6	258	3.20	6.8	17.8	19.7	69.9	9.85	< 0.1	7.4	0.5	22.2	47.5
A258197	18.4	0.5	6	0.049	1.04	2.55	0.07	0.07	0.76	6.0	128	57.7	366	3.80	11.0	24.5	31.9	59.8	10.0	< 0.1	7.6	0.7	13.2	59.3
A258198	27.1	0.3	5	0.060	1.68	3.08	0.09	0.08	0.98	6.2	137	56.0	363	4.34	15.7	28.6	34.5	69.6	11.9	< 0.1	6.9	0.8	10.6	67.5
A258199	21.7	0.3	4	0.047	1.35	2.64	0.10	0.09	0.71	5.2	98	50.3	345	3.62	14.4	29.4	36.1	80.4	8.94	< 0.1	5.6	0.6	14.6	44.0
A258200	13.8	0.3	4	0.078	1.48	2.52	0.16	0.08	1.14	6.1	120	61.8	622	4.93	15.7	33.3	51.7	61.5	8.90	< 0.1	213	0.8	15.4	64.7
A258201	28.3	0.5	4	0.039	1.02	2.54	0.14	0.10	0.87	6.3	174	65.2	401	5.64	14.5	29.4	31.9	83.1	10.3	< 0.1	8.3	1.0	15.1	50.8
A258202	10.8	0.2	5	0.040	0.55	1.74	0.09	0.09	0.73	4.1	123	57.3	818	3.74	10.5	17.8	20.1	70.8	8.63	< 0.1	8.2	0.6	14.0	54.0
A258203	8.4	0.3	5	0.037	0.51	1.72	0.07	0.07	0.64	4.0	106	44.0	282	3.48	7.1	16.2	16.7	53.3	7.50	< 0.1	5.6	0.4	11.7	46.4

Analyte Symbol	Y	Zr	Nb	Mo	Ag	Cd	In	Sn	Sb	Te	Cs	Ba	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.01	0.1	0.1	0.01	0.002	0.01	0.02	0.05	0.02	0.02	0.02	0.5	0.5	0.01	0.1	0.02	0.1	0.1	0.1	0.1	0.001	0.1	0.1	0.1
Analysis Method	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
A258074	4.31	3.0	1.0	1.32	0.169	11.7	0.03	0.96	0.42	0.06	1.54	147	7.0	14.0	1.6	5.79	1.1	0.3	0.9	0.1	0.754	0.2	0.4	< 0.1
A258075	5.85	2.5	1.1	0.51	0.184	0.10	0.02	0.84	0.12	0.06	4.89	138	5.4	11.7	1.4	5.46	1.2	0.3	1.1	0.2	1.00	0.2	0.6	< 0.1
A258076	4.79	3.6	0.9	0.88	0.061	0.17	< 0.02	0.53	0.30	0.09	1.15	117	7.3	14.3	1.6	6.28	1.2	0.3	1.2	0.2	0.979	0.2	0.5	< 0.1
A258077	8.13	1.9	0.9	0.74	0.201	0.21	< 0.02	0.73	0.40	0.04	0.88	145	9.8	19.5	2.3	8.49	1.7	0.5	1.7	0.3	1.54	0.3	0.8	0.1
A258078	4.91	3.5	1.2	0.87	0.247	0.13	0.03	1.78	0.35	0.05	0.99	120	9.6	19.1	2.2	8.02	1.5	0.3	1.2	0.2	0.947	0.2	0.5	< 0.1
A258079	3.02	2.4	0.5	0.62	0.141	0.07	< 0.02	0.33	0.25	0.05	1.18	74.9	4.2	8.82	0.9	3.53	0.7	0.2	0.7	< 0.1	0.609	0.1	0.3	< 0.1
A258080	5.10	4.9	0.9	0.64	0.125	0.15	< 0.02	0.52	0.37	< 0.02	0.84	75.7	8.3	16.4	1.9	6.68	1.3	0.3	1.2	0.2	1.01	0.2	0.5	< 0.1
A258081	5.39	2.0	0.9	0.82	0.139	0.13	< 0.02	0.48	0.36	0.06	1.04	98.3	6.4	13.5	1.6	6.17	1.2	0.3	1.2	0.2	0.993	0.2	0.5	< 0.1
A258082	5.99	3.3	1.3	0.98	0.171	0.12	0.03	0.68	0.35	0.03	1.30	100	8.1	16.6	2.0	7.33	1.4	0.4	1.2	0.2	1.08	0.2	0.6	< 0.1
A258083	5.42	3.6	1.3	1.04	0.262	0.18	0.03	0.48	0.42	0.05	1.06	104	7.5	14.9	1.7	6.28	1.2	0.3	1.2	0.2	1.08	0.2	0.5	< 0.1
A258084	4.85	2.5	1.3	1.02	0.120	0.18	0.02	0.60	1.28	0.06	1.80	62.7	7.6	15.7	1.8	6.58	1.3	0.3	1.1	0.2	0.975	0.2	0.5	< 0.1
A258085	4.54	1.9	1.2	1.29	0.097	0.12	0.02	0.58	1.00	0.08	1.13	62.2	8.1	16.3	1.9	6.72	1.3	0.3	1.2	0.2	0.920	0.2	0.5	< 0.1
A258086	4.74	3.3	1.1	0.84	0.103	0.11	0.03	0.48	0.46	0.06	0.93	78.7	8.5	16.7	1.9	6.63	1.2	0.3	1.1	0.2	0.914	0.2	0.5	< 0.1
A258087	5.57	3.0	1.6	1.51	0.205	0.09	0.03	0.84	0.44	0.04	1.30	80.8	10.1	20.5	2.4	8.57	1.6	0.4	1.3	0.2	1.04	0.2	0.5	< 0.1
A258088	4.37	2.3	1.1	1.15	0.111	0.07	< 0.02	0.52	0.57	0.04	1.35	51.5	6.0	12.8	1.5	5.53	1.1	0.3	1.0	0.1	0.820	0.2	0.4	< 0.1
A258089	4.32	2.7	0.9	0.74	0.426	0.13	< 0.02	0.47	0.33	0.04	1.90	118	6.4	12.8	1.4	5.35	1.1	0.3	1.0	0.2	0.855	0.2	0.4	< 0.1
A258090	6.22	2.0	0.9	0.74	0.239	0.23	0.03	0.65	0.54	0.05	2.34	109	7.5	14.7	1.8	6.63	1.3	0.4	1.2	0.2	1.08	0.2	0.6	< 0.1
A258091	4.24	1.9	1.3	0.67	0.181	0.14	0.02	0.41	0.41	0.03	1.21	145	8.3	16.1	1.9	6.99	1.4	0.3	1.2	0.2	0.887	0.2	0.4	< 0.1
A258092	7.37	3.0	1.2	0.85	0.593	0.14	0.02	0.57	0.25	0.03	1.60	108	7.6	15.4	1.9	7.18	1.5	0.4	1.4	0.2	1.39	0.3	0.7	0.1
A258093	4.26	1.9	1.0	0.46	0.078	0.18	< 0.02	0.41	0.25	0.04	1.13	112	6.8	13.9	1.6	5.86	1.2	0.3	1.0	0.1	0.878	0.2	0.4	< 0.1
A258094	5.52	3.7	2.1	0.94	0.172	0.15	0.03	0.54	0.37	0.05	1.06	82.5	10.4	20.9	2.5	9.20	1.7	0.4	1.4	0.2	1.14	0.2	0.5	< 0.1
A258095	4.34	3.8	1.8	0.79	0.075	0.09	0.03	0.52	0.34	0.05	0.88	82.5	9.0	17.9	2.1	7.58	1.4	0.3	1.1	0.2	0.835	0.2	0.4	< 0.1
A258096	5.52	2.7	1.1	0.64	0.072	0.14	0.02	0.53	0.34	0.06	1.01	81.7	10.0	20.5	2.4	8.64	1.7	0.4	1.4	0.2	1.08	0.2	0.6	< 0.1
A258097	5.27	3.3	1.2	0.80	0.467	0.31	0.03	0.58	0.34	0.07	1.33	163	10.8	21.6	2.6	9.35	1.7	0.4	1.4	0.2	1.08	0.2	0.5	< 0.1
A258098	8.16	2.7	1.1	9.94	0.664	0.67	0.05	0.94	0.58	0.07	2.48	421	13.3	26.6	2.8	10.3	2.0	0.5	2.0	0.3	1.68	0.3	0.7	< 0.1
A258099	5.16	2.1	1.2	1.35	0.341	0.24	0.02	0.65	0.30	0.04	1.27	114	10.3	20.1	2.2	8.01	1.5	0.4	1.3	0.2	1.08	0.2	0.5	< 0.1
A258100	4.32	2.9	1.4	1.38	0.167	0.16	0.02	0.64	0.39	0.06	1.07	84.0	7.4	14.7	1.7	6.31	1.2	0.3	1.0	0.1	0.792	0.1	0.4	< 0.1
A258101	3.48	3.3	2.1	0.75	0.073	0.13	0.02	0.57	0.29	< 0.02	0.36	67.4	6.2	12.0	1.4	5.03	1.0	0.3	0.9	0.1	0.739	0.1	0.3	< 0.1
A258102	3.66	1.8	1.0	0.65	0.170	0.12	< 0.02	0.50	0.24	0.03	1.15	88.1	6.1	12.7	1.4	5.06	0.9	0.3	0.8	0.1	0.702	0.1	0.4	< 0.1
A258103	3.36	2.5	0.9	1.28	0.316	0.08	0.03	0.55	9.09	0.04	2.63	64.9	7.4	15.2	1.7	6.50	1.2	0.3	0.9	0.1	0.664	0.1	0.4	< 0.1
A258104	4.21	2.5	1.0	1.17	0.243	0.19	0.03	0.65	1.84	0.05	1.53	79.7	8.4	17.3	2.0	7.00	1.3	0.3	1.1	0.1	0.859	0.2	0.4	< 0.1
A258105	6.49	2.5	1.4	0.74	0.210	0.21	0.02	0.60	0.40	0.06	1.77	66.1	9.4	19.0	2.3	8.60	1.7	0.5	1.6	0.2	1.29	0.2	0.7	< 0.1
A258106	9.81	2.5	1.3	0.82	0.813	0.77	0.02	0.51	0.65	0.03	1.23	98.3	9.4	17.2	2.3	8.89	1.9	0.5	2.0	0.3	1.78	0.4	1.0	0.1
A258107	6.08	3.5	1.5	1.40	0.240	0.15	0.02	0.62	0.24	0.03	1.51	79.7	8.7	17.8	2.1	7.62	1.5	0.4	1.4	0.2	1.24	0.2	0.6	< 0.1
A258108	6.57	2.5	1.2	0.92	0.255	0.18	0.02	0.47	0.33	0.02	1.03	122	10.4	21.0	2.4	8.49	1.7	0.4	1.5	0.2	1.29	0.3	0.6	< 0.1
A258109	11.3	1.4	0.3	1.32	1.17	0.65	< 0.02	0.11	1.37	0.05	0.41	131	10.1	6.90	2.2	8.93	1.9	0.5	1.9	0.3	1.58	0.3	0.9	0.1
A258110	5.09	2.0	1.3	0.92	0.364	0.20	0.02	0.59	0.37	0.03	0.80	122	10.3	20.5	2.4	8.62	1.6	0.4	1.3	0.2	0.951	0.2	0.5	< 0.1
A258111	6.05	4.7	1.3	0.91	0.226	0.19	0.03	0.52	0.32	0.07	2.95	125	6.8	14.2	1.7	6.59	1.4	0.4	1.4	0.2	1.21	0.2	0.6	< 0.1
A258112	4.13	3.6	0.9	0.87	0.505	0.14	0.02	0.48	0.32	0.02	1.19	88.0	9.3	18.4	2.1	7.39	1.4	0.3	1.2	0.2	0.896	0.2	0.4	< 0.1
A258113	4.20	3.3	1.0	0.69	0.174	0.13	0.02	0.40	0.28	0.03	0.94	76.6	6.9	13.8	1.6	5.95	1.1	0.3	1.0	0.1	0.836	0.2	0.4	< 0.1
A258114	2.23	2.0	0.7	0.33	0.110	0.07	< 0.02	0.20	0.08	0.03	3.92	175	4.8	9.84	1.0	3.75	0.7	0.2	0.5	< 0.1	0.423	< 0.1	0.2	< 0.1
A258115	4.24	3.3	1.3	0.76	0.173	0.13	0.02	0.44	0.30	0.06	1.47	73.2	10.3	19.9	2.3	8.22	1.5	0.4	1.2	0.2	0.933	0.2	0.4	< 0.1
A258116	4.88	5.3	1.2	1.10	0.109	0.14	0.02	0.54	0.53	0.08	1.45	101	6.8	14.5	1.7	6.35	1.3	0.4	1.2	0.2	1.00	0.2	0.5	< 0.1
A258117	6.18	2.0	0.5	0.43	0.068	0.17	< 0.02	0.47	0.84	0.05	1.34	75.8	5.4	11.6	1.4	5.47	1.2	0.4	1.3	0.2	1.18	0.2	0.6	< 0.1
A258118	5.25	2.2	1.0	0.56	0.150	0.15	< 0.02	0.37	0.25	0.03	1.35	138	7.5	14.8	1.7	6.40	1.3	0.4	1.3	0.2	1.07	0.2	0.5	< 0.1
A258119	6.81	4.4	1.4	1.04	0.039	0.09	0.03	0.53	0.35	0.04	1.34	136	8.9	17.9	2.1	8.12	1.7	0.5	1.6	0.2	1.40	0.3	0.7	< 0.1
A258120	6.32	2.9	1.3	0.60	0.057	0.14	0.02	0.48	0.29	0.03	1.32	81.4	7.4	14.9	1.8	6.54	1.3	0.4	1.3	0.2	1.23	0.2	0.6	< 0.1
A258121	5.81	2.4	0.9	0.78	0.174	0.19	0.03	0.63	0.63	0.05	2.59	96.7	10.3	21.0	2.5	8.86	1.6	0.4	1.3	0.2	1.13	0.2	0.6	< 0.1
A258122	5.39	2.1	1.4	0.78	0.123	0.13	0.02	0.58	0.26	0.03	0.72	76.8	9.8	20.2	2.4	8.68	1.6	0.4	1.3	0.2	1.04	0.2	0.6	< 0.1
A258123	7.89	2.8	0.6	0.74	0.211	0.22	0.04	0.46	0.56	< 0.02	3.53	86.2	8.4	17.2	2.1	8.17	1.8	0.5	1.8	0.3	1.54	0.3	0.8	0.1
A258124	4.57	3.3	1.1	0.84	0.234	0.15	0.02	0.51	0.36	0.06	6.45	87.9	8.4	16.9	1.9	6.72	1.3	0.3	1.1	0.2	0.875	0.2	0.5	< 0.1
A258125	4.34	2.6	0.7	0.78	0.162	0.14	0.03	0.57	0.67	0.06	4.83	77.1	9.0	18.6	2.2	7.86	1.5	0.4	1.2	0.2	0.892	0.2	0.5	< 0.1

Analyte Symbol	Y	Zr	Nb	Mo	Ag	Cd	In	Sn	Sb	Te	Cs	Ba	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.01	0.1	0.1	0.01	0.002	0.01	0.02	0.05	0.02	0.02	0.02	0.5	0.5	0.01	0.1	0.02	0.1	0.1	0.1	0.1	0.001	0.1	0.1	0.1
Analysis Method	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
A258126	4.92	3.3	0.9	0.99	0.231	0.16	0.03	0.53	0.56	0.05	2.73	71.4	9.8	19.7	2.2	7.75	1.4	0.3	1.2	0.2	0.982	0.2	0.5	< 0.1
A258127	5.25	2.1	1.0	1.37	0.119	0.18	0.02	0.45	0.50	0.04	1.16	78.6	10.9	23.4	2.6	9.39	1.8	0.4	1.5	0.2	1.14	0.2	0.5	< 0.1
A258128	4.17	1.7	0.7	0.80	0.440	0.21	0.02	0.51	0.49	0.04	1.77	104	8.4	17.9	2.0	7.29	1.4	0.3	1.2	0.2	0.850	0.2	0.4	< 0.1
A258129	3.49	2.0	1.2	0.89	0.305	0.21	0.02	0.58	0.34	0.05	2.09	87.8	10.3	20.8	2.5	8.99	1.6	0.4	1.2	0.1	0.756	0.1	0.3	< 0.1
A258130	4.26	1.9	0.7	0.86	0.239	0.21	0.03	0.44	0.51	0.05	1.38	75.7	8.3	16.7	2.0	7.27	1.4	0.4	1.2	0.2	0.887	0.2	0.4	< 0.1
A258131	4.57	1.6	0.7	0.75	0.374	0.18	0.02	0.35	0.29	0.04	1.59	61.2	7.9	15.7	1.8	6.72	1.3	0.3	1.2	0.2	0.999	0.2	0.5	< 0.1
A258132	4.52	1.8	0.8	0.81	0.408	0.17	0.03	0.67	0.42	0.04	2.77	100	9.7	19.9	2.3	7.98	1.4	0.3	1.2	0.2	0.939	0.2	0.5	< 0.1
A258133	4.97	2.6	1.0	0.77	0.372	0.25	0.03	0.59	0.46	0.07	2.29	81.6	10.0	20.8	2.4	8.82	1.7	0.4	1.3	0.2	0.973	0.2	0.5	< 0.1
A258134	2.59	1.3	0.3	1.04	0.101	0.13	0.03	0.42	0.48	0.02	2.77	198	13.5	27.8	3.3	12.1	2.1	0.5	1.5	0.2	0.674	0.1	0.3	< 0.1
A258135	5.21	3.4	1.0	0.62	0.190	0.22	0.03	0.59	0.55	0.08	3.09	166	10.0	20.9	2.5	9.19	1.8	0.4	1.4	0.2	1.00	0.2	0.5	< 0.1
A258136	4.49	2.4	0.8	1.37	0.760	0.30	0.04	0.67	0.60	0.05	3.84	154	16.5	32.8	3.8	12.8	2.2	0.5	1.6	0.2	0.996	0.2	0.4	< 0.1
A258137	5.81	3.6	0.9	0.56	0.131	0.23	0.03	0.70	0.58	0.08	2.88	194	9.0	18.3	2.1	7.86	1.5	0.4	1.3	0.2	1.12	0.2	0.6	< 0.1
A258138	3.50	2.1	0.7	0.71	0.171	0.15	0.03	0.71	0.62	0.04	3.69	115	9.2	18.9	2.3	8.13	1.5	0.4	1.2	0.1	0.748	0.1	0.4	< 0.1
A258139	5.45	2.2	0.6	0.78	0.293	0.22	0.02	0.54	0.49	0.03	2.00	114	8.9	17.6	2.1	7.68	1.5	0.4	1.5	0.2	1.13	0.2	0.5	< 0.1
A258140	5.51	2.5	0.6	0.56	0.407	0.33	0.03	0.63	0.49	0.04	2.66	152	7.4	15.5	1.8	6.19	1.2	0.3	1.1	0.2	1.06	0.2	0.6	< 0.1
A258141	4.61	3.1	0.7	0.88	0.629	0.17	0.03	0.60	0.68	0.07	1.87	80.8	7.1	14.7	1.8	6.52	1.2	0.4	1.1	0.2	0.907	0.2	0.5	< 0.1
A258142	4.00	1.7	0.7	0.33	0.436	0.10	< 0.02	0.58	0.27	0.03	3.98	63.8	8.9	18.4	2.1	7.68	1.5	0.4	1.3	0.2	0.939	0.2	0.4	< 0.1
A258143	6.18	1.9	0.8	0.63	0.311	0.22	0.03	0.61	0.45	0.07	1.85	109	12.8	26.2	3.1	10.7	1.9	0.5	1.6	0.2	1.23	0.2	0.6	< 0.1
A258144	4.64	2.0	0.7	0.77	0.218	0.19	0.03	0.56	0.51	0.06	2.11	82.5	9.4	18.8	2.2	8.01	1.6	0.4	1.4	0.2	1.02	0.2	0.5	< 0.1
A258145	5.36	2.6	0.8	0.93	0.170	0.16	0.03	0.50	0.60	0.02	1.86	109	8.5	17.6	2.1	7.37	1.4	0.4	1.2	0.2	1.03	0.2	0.5	< 0.1
A258146	4.75	2.5	0.9	0.42	0.401	0.13	0.02	0.62	0.71	0.04	1.69	58.9	10.7	21.3	2.5	8.73	1.7	0.4	1.4	0.2	1.02	0.2	0.5	< 0.1
A258147	5.60	4.3	1.2	0.59	0.204	0.17	0.03	0.60	0.59	0.07	2.84	88.0	10.9	22.5	2.7	9.72	1.9	0.5	1.7	0.2	1.25	0.2	0.6	< 0.1
A258148	5.35	3.2	0.9	0.42	0.200	0.13	0.03	0.60	0.44	0.04	2.32	77.3	10.1	20.3	2.5	9.07	1.7	0.4	1.6	0.2	1.17	0.2	0.6	< 0.1
A258149	5.49	3.6	0.6	0.45	0.221	0.18	0.02	0.64	0.48	0.06	2.00	123	7.6	15.5	1.8	6.84	1.4	0.4	1.4	0.2	1.15	0.2	0.6	< 0.1
A258150	5.63	2.5	0.7	0.74	0.166	0.20	0.03	0.45	0.38	0.05	1.13	90.2	11.3	22.9	2.6	9.28	1.7	0.4	1.5	0.2	1.17	0.2	0.6	< 0.1
A258151	4.35	1.6	0.9	0.68	0.335	0.17	0.02	0.45	0.36	0.05	1.18	68.2	9.1	19.1	2.2	8.04	1.5	0.4	1.2	0.2	0.867	0.2	0.4	< 0.1
A258152	4.06	3.5	0.9	0.85	0.530	0.25	0.02	0.47	0.38	0.09	1.29	86.4	7.5	15.3	1.7	6.51	1.3	0.3	1.1	0.2	0.876	0.2	0.4	< 0.1
A258153	8.39	2.4	0.6	0.67	0.272	0.30	0.03	0.47	0.38	0.05	2.08	97.8	9.3	18.3	2.4	8.71	1.8	0.5	1.8	0.3	1.59	0.3	0.8	0.1
A258154	5.88	2.0	1.0	0.74	0.286	0.26	< 0.02	0.63	0.41	0.06	2.01	109	10.2	20.4	2.5	9.29	1.8	0.4	1.5	0.2	1.14	0.2	0.6	< 0.1
A258155	4.82	1.5	0.8	0.94	0.300	0.21	0.03	0.55	0.27	0.02	2.58	115	12.4	24.9	2.9	9.80	1.7	0.4	1.5	0.2	1.10	0.2	0.5	< 0.1
A258156	13.9	1.6	0.6	1.09	0.249	0.17	0.03	0.53	0.37	0.04	7.69	82.0	18.3	36.7	4.6	17.3	3.4	0.9	3.4	0.4	2.49	0.5	1.3	0.2
A258157	8.22	1.6	1.0	0.96	0.368	0.22	0.03	0.73	0.28	< 0.02	3.80	117	23.7	49.7	5.8	19.9	3.5	0.8	2.7	0.3	1.82	0.3	0.8	0.1
A258158	5.36	1.5	0.8	0.66	0.224	0.17	0.02	0.54	0.26	0.04	1.05	79.9	15.4	30.2	3.5	12.0	2.1	0.5	1.7	0.2	1.18	0.2	0.6	< 0.1
A258159	7.73	2.0	1.1	0.78	0.251	0.21	0.03	0.48	0.29	0.04	1.16	127	13.2	26.0	3.2	11.3	2.1	0.6	2.0	0.3	1.63	0.3	0.8	0.1
A258160	8.73	1.9	0.3	1.83	0.820	0.89	< 0.02	< 0.05	1.50	0.09	0.42	99.7	8.0	4.47	1.7	6.35	1.2	0.3	1.4	0.2	1.10	0.2	0.6	< 0.1
A258161	7.38	2.4	1.0	0.59	0.152	0.19	0.02	0.49	0.28	0.04	1.09	119	11.1	21.9	2.7	10.2	1.9	0.5	1.7	0.2	1.42	0.3	0.7	0.1
A258162	15.5	1.6	0.5	1.44	0.853	1.18	0.03	0.46	0.44	0.03	1.40	173	15.7	22.5	4.0	15.4	3.2	0.9	3.2	0.4	2.56	0.5	1.4	0.2
A258163	5.11	1.9	1.4	0.82	0.179	0.26	0.02	0.54	0.28	0.04	0.56	83.9	8.7	17.5	2.1	7.80	1.5	0.4	1.3	0.2	1.02	0.2	0.5	< 0.1
A258164	4.30	2.3	0.3	0.63	0.230	0.14	0.03	0.88	0.60	0.04	2.90	119	8.3	16.9	2.0	6.90	1.3	0.4	1.1	0.2	0.916	0.2	0.5	< 0.1
A258165	4.13	2.2	0.9	0.63	0.185	0.15	0.02	0.64	0.36	0.06	4.75	78.0	12.1	23.8	2.8	9.84	1.8	0.4	1.4	0.2	0.911	0.2	0.4	< 0.1
A258166	4.14	3.0	0.5	0.86	0.378	0.19	0.04	0.59	0.70	0.04	10.5	85.7	10.1	20.3	2.3	7.94	1.4	0.4	1.2	0.2	0.926	0.2	0.4	< 0.1
A258167	4.25	2.3	0.5	1.10	0.298	0.16	0.04	0.57	0.80	0.08	3.79	98.3	8.0	16.7	1.9	6.93	1.4	0.4	1.2	0.2	0.937	0.2	0.4	< 0.1
A258168	3.81	2.5	0.6	1.07	0.280	0.23	0.04	0.77	0.73	0.11	12.3	198	10.7	21.9	2.5	8.82	1.5	0.4	1.1	0.1	0.798	0.1	0.4	< 0.1
A258169	4.54	1.9	1.2	0.71	0.478	0.21	0.02	0.62	0.39	0.04	1.03	73.2	10.3	20.6	2.3	8.18	1.5	0.4	1.3	0.2	0.986	0.2	0.5	< 0.1
A258170	4.74	2.0	1.3	1.22	0.452	0.32	0.03	0.53	0.43	0.06	1.24	97.1	9.2	18.8	2.1	7.13	1.3	0.4	1.3	0.2	0.981	0.2	0.5	< 0.1
A258171	4.45	3.6	1.9	1.02	0.459	0.32	0.03	0.51	0.43	0.03	1.00	67.7	10.3	20.1	2.3	8.15	1.4	0.4	1.3	0.2	0.985	0.2	0.5	< 0.1
A258172	4.82	2.7	0.7	1.00	0.434	0.31	0.03	0.49	0.69	0.06	2.42	69.6	7.3	15.4	1.8	6.62	1.2	0.4	1.1	0.2	0.934	0.2	0.5	< 0.1
A258173	15.6	2.2	0.7	0.94	0.388	0.52	0.03	0.41	0.39	0.03	1.90	152	12.5	22.5	3.3	13.5	3.0	1.0	3.4	0.5	2.84	0.6	1.4	0.2
A258174	3.90	2.0	0.9	1.10	0.485	0.24	0.02	0.60	0.39	0.04	1.89	103	8.9	17.6	2.0	7.20	1.3	0.3	1.1	0.2	0.834	0.2	0.4	< 0.1
A258175	4.43	3.1	1.2	0.86	0.293	0.21	0.03	0.49	0.58	0.06	1.27	81.0	7.5	15.3	1.8	6.14	1.2	0.3	1.1	0.2	0.940	0.2	0.5	< 0.1
A258176	4.76	2.9	0.7	0.87	0.837	0.29	0.04	0.58	0.67	0.06	3.95	177	7.2	15.5	1.7	6.45	1.3	0.4	1.2	0.2	1.02	0.2	0.5	< 0.1
A258177	5.04	3.7	0.4	0.49	0.302	0.25	0.03	0.52	1.01	0.04	3.06	134	2.9	6.56	0.8	2.94	0.7	0.2	0.9	0.1	0.982	0.2	0.6	< 0.1

Analyte Symbol	Y	Zr	Nb	Mo	Ag	Cd	In	Sn	Sb	Te	Cs	Ba	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.01	0.1	0.1	0.01	0.002	0.01	0.02	0.05	0.02	0.02	0.02	0.5	0.5	0.01	0.1	0.02	0.1	0.1	0.1	0.1	0.001	0.1	0.1	0.1
Analysis Method	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
A258178	16.2	2.9	0.8	1.52	0.903	1.63	0.03	0.52	0.56	0.06	5.21	487	8.8	17.8	2.4	9.03	2.1	0.7	2.4	0.4	2.53	0.5	1.4	0.2
A258179	19.0	2.5	1.0	1.87	1.83	2.79	0.05	0.73	0.59	0.04	7.62	586	12.7	33.3	3.2	13.0	3.1	1.0	3.6	0.5	3.28	0.7	1.8	0.3
A258180	6.16	2.1	1.2	0.78	1.32	0.29	0.04	0.85	0.55	0.04	4.34	135	13.4	27.4	3.2	11.7	2.3	0.6	2.0	0.3	1.42	0.3	0.6	< 0.1
A258181	25.7	1.8	1.1	1.51	0.517	0.62	0.03	0.54	0.54	0.05	8.50	96.3	22.3	33.6	5.5	22.4	5.1	1.5	5.6	0.8	4.78	0.9	2.3	0.3
A258182	14.2	1.7	0.9	1.97	0.257	0.29	0.03	0.58	0.34	0.03	4.92	103	15.4	23.7	3.7	14.3	2.9	0.9	3.1	0.4	2.52	0.5	1.3	0.2
A258183	5.41	2.2	0.9	0.91	0.115	0.19	0.03	0.44	0.33	0.04	1.27	88.5	11.2	21.6	2.5	8.85	1.7	0.4	1.6	0.2	1.20	0.2	0.6	< 0.1
A258184	4.63	1.4	1.1	0.81	0.203	0.20	< 0.02	0.48	0.20	0.06	0.68	118	8.8	17.6	2.1	7.25	1.4	0.4	1.2	0.2	0.983	0.2	0.5	< 0.1
A258185	11.0	1.2	0.3	1.20	0.423	0.43	0.02	0.32	0.25	0.07	1.06	128	14.9	23.8	3.8	14.4	2.8	0.8	2.7	0.4	2.04	0.4	1.0	0.1
A258186	3.94	3.2	1.3	0.71	0.069	0.14	< 0.02	0.43	0.27	< 0.02	0.60	48.5	7.4	14.6	1.7	6.34	1.3	0.3	1.1	0.1	0.831	0.2	0.4	< 0.1
A258187	4.99	3.7	1.6	0.94	0.163	0.17	0.03	0.52	0.33	0.04	0.69	109	10.0	18.9	2.2	7.84	1.5	0.4	1.4	0.2	1.13	0.2	0.5	< 0.1
A258188	5.46	2.3	0.8	0.85	0.136	0.17	0.02	0.38	0.38	0.04	0.59	97.1	8.7	17.3	2.0	7.45	1.4	0.4	1.3	0.2	1.09	0.2	0.5	< 0.1
A258189	5.55	1.8	0.7	0.81	0.140	0.16	0.02	0.42	0.36	0.05	0.70	69.4	9.4	18.4	2.2	8.05	1.7	0.4	1.6	0.2	1.23	0.2	0.6	< 0.1
A258190	7.88	1.8	0.9	0.88	0.182	0.39	0.02	0.51	0.29	0.06	1.11	121	12.2	25.4	2.9	10.2	1.9	0.5	1.8	0.3	1.49	0.3	0.8	0.1
A258191	5.63	1.8	1.2	0.59	0.292	0.16	< 0.02	0.45	0.25	0.03	0.98	107	10.0	19.5	2.2	8.19	1.6	0.4	1.5	0.2	1.22	0.2	0.6	< 0.1
A258192	5.96	1.8	0.5	1.29	0.289	0.38	0.02	0.55	0.23	0.06	1.27	159	12.0	25.2	2.7	9.92	1.9	0.5	1.7	0.2	1.27	0.2	0.6	< 0.1
A258193	10.8	1.4	0.6	1.43	0.546	0.81	< 0.02	0.41	0.28	0.05	1.06	112	11.0	16.1	2.6	10.3	2.1	0.6	2.3	0.3	1.85	0.4	0.9	0.1
A258194	4.58	2.0	1.4	1.10	0.242	0.25	0.02	0.46	0.21	0.05	0.76	97.3	10.0	19.6	2.3	8.49	1.6	0.4	1.4	0.2	1.01	0.2	0.5	< 0.1
A258195	5.07	4.1	0.9	1.00	0.090	0.20	0.02	0.46	0.31	0.05	1.10	113	7.2	14.8	1.7	6.50	1.4	0.4	1.4	0.2	1.15	0.2	0.6	< 0.1
A258196	4.43	1.9	1.2	0.68	0.256	0.21	0.02	0.68	0.41	0.02	2.17	80.0	11.1	22.3	2.6	9.08	1.7	0.4	1.4	0.2	0.982	0.2	0.5	< 0.1
A258197	5.92	5.0	1.3	0.87	0.158	0.20	0.03	0.65	0.30	0.08	1.39	109	8.7	18.0	2.1	7.55	1.5	0.4	1.4	0.2	1.23	0.2	0.6	< 0.1
A258198	6.29	6.0	1.1	1.09	0.104	0.13	0.02	0.70	0.22	0.05	2.59	143	7.7	16.2	1.9	7.10	1.5	0.4	1.5	0.2	1.30	0.2	0.7	< 0.1
A258199	4.68	2.1	0.9	1.03	0.397	0.17	0.02	0.59	0.31	0.04	1.80	122	11.0	21.2	2.5	9.00	1.7	0.4	1.6	0.2	1.07	0.2	0.5	< 0.1
A258200	4.88	2.7	1.0	2.09	0.083	0.23	0.02	0.47	13.9	0.08	1.65	242	6.5	13.0	1.5	5.59	1.2	0.4	1.2	0.2	1.06	0.2	0.5	< 0.1
A258201	5.43	2.9	1.1	2.25	0.160	0.26	0.03	0.53	0.52	0.04	1.36	115	9.5	18.4	2.0	7.28	1.4	0.4	1.4	0.2	1.16	0.2	0.6	< 0.1
A258202	4.52	2.1	1.0	0.74	0.196	0.29	< 0.02	0.62	0.37	0.06	1.00	120	9.3	18.7	2.1	7.76	1.4	0.3	1.2	0.2	0.902	0.2	0.5	< 0.1
A258203	4.47	2.4	1.0	0.74	0.122	0.19	< 0.02	0.48	0.37	0.05	0.90	87.4	7.5	14.9	1.7	6.30	1.3	0.4	1.2	0.2	0.992	0.2	0.5	< 0.1

Analyte Symbol	Yb	Lu	Hf	Ta	W	Re	Au	Tl	Pb	Th	U
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm
Detection Limit	0.1	0.1	0.1	0.05	0.1	0.001	0.5	0.02	0.01	0.1	0.1
Analysis Method	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
A258074	0.4	< 0.1	< 0.1	< 0.05	0.4	< 0.001	< 0.5	0.05	3.88	1.3	0.4
A258075	0.5	< 0.1	< 0.1	< 0.05	0.5	< 0.001	1.2	0.14	2.93	0.9	0.4
A258076	0.4	< 0.1	< 0.1	< 0.05	0.6	< 0.001	< 0.5	0.06	3.87	1.7	0.5
A258077	0.6	< 0.1	< 0.1	< 0.05	0.3	< 0.001	< 0.5	0.06	3.78	1.0	0.5
A258078	0.4	< 0.1	< 0.1	< 0.05	0.5	0.001	< 0.5	0.06	5.51	2.0	0.4
A258079	0.3	< 0.1	< 0.1	< 0.05	0.4	0.001	0.7	0.03	2.82	0.9	0.2
A258080	0.4	< 0.1	< 0.1	< 0.05	0.4	< 0.001	< 0.5	0.03	4.33	1.8	0.4
A258081	0.5	< 0.1	< 0.1	< 0.05	0.4	0.001	1.9	0.04	4.34	0.9	0.3
A258082	0.5	< 0.1	< 0.1	< 0.05	0.4	0.001	< 0.5	0.04	4.55	1.4	0.4
A258083	0.5	< 0.1	< 0.1	< 0.05	0.6	< 0.001	< 0.5	0.04	4.59	1.5	0.5
A258084	0.4	< 0.1	< 0.1	< 0.05	0.4	< 0.001	< 0.5	0.04	4.24	1.1	0.3
A258085	0.4	< 0.1	< 0.1	< 0.05	0.5	< 0.001	1.3	0.04	4.73	0.9	0.3
A258086	0.4	< 0.1	< 0.1	< 0.05	0.5	< 0.001	< 0.5	0.04	4.98	1.7	0.4
A258087	0.4	< 0.1	< 0.1	< 0.05	0.4	< 0.001	< 0.5	0.05	6.22	1.9	0.4
A258088	0.4	< 0.1	< 0.1	< 0.05	0.3	0.001	2.9	0.03	3.65	1.0	0.4
A258089	0.4	< 0.1	< 0.1	< 0.05	0.4	< 0.001	1.9	0.04	5.02	1.1	0.3
A258090	0.5	< 0.1	< 0.1	< 0.05	0.3	< 0.001	< 0.5	0.07	6.36	0.9	0.4
A258091	0.4	< 0.1	< 0.1	< 0.05	0.4	< 0.001	< 0.5	0.05	7.40	1.6	0.4
A258092	0.6	< 0.1	< 0.1	< 0.05	0.3	< 0.001	1.0	0.05	3.91	1.2	0.4
A258093	0.4	< 0.1	< 0.1	< 0.05	0.4	< 0.001	1.0	0.04	4.69	1.3	0.3
A258094	0.5	< 0.1	< 0.1	< 0.05	0.5	0.001	1.6	0.04	6.79	2.3	0.5
A258095	0.4	< 0.1	< 0.1	< 0.05	0.5	0.001	0.8	0.04	6.03	1.7	0.4
A258096	0.5	< 0.1	< 0.1	< 0.05	0.4	< 0.001	0.7	0.05	7.34	2.0	0.4
A258097	0.5	< 0.1	< 0.1	< 0.05	0.5	0.001	6.2	0.07	5.96	2.5	0.5
A258098	0.5	< 0.1	< 0.1	< 0.05	0.8	0.001	< 0.5	0.16	11.6	1.5	1.5
A258099	0.4	< 0.1	< 0.1	< 0.05	0.4	< 0.001	< 0.5	0.06	4.81	1.5	0.5
A258100	0.4	< 0.1	< 0.1	< 0.05	0.5	< 0.001	< 0.5	0.05	5.84	1.4	0.4
A258101	0.3	< 0.1	< 0.1	< 0.05	0.3	0.001	6.3	0.03	4.26	1.2	0.4
A258102	0.3	< 0.1	< 0.1	< 0.05	0.3	< 0.001	< 0.5	0.03	4.02	0.7	0.3
A258103	0.3	< 0.1	< 0.1	< 0.05	0.5	< 0.001	80.0	0.07	5.54	1.5	0.3
A258104	0.3	< 0.1	< 0.1	< 0.05	0.5	< 0.001	< 0.5	0.07	5.85	1.3	0.3
A258105	0.5	< 0.1	< 0.1	< 0.05	0.3	< 0.001	< 0.5	0.05	4.63	1.5	0.4
A258106	0.8	0.1	< 0.1	< 0.05	0.3	0.001	< 0.5	0.06	4.55	1.0	0.7
A258107	0.5	< 0.1	< 0.1	< 0.05	0.4	< 0.001	< 0.5	0.05	5.78	1.5	0.4
A258108	0.5	< 0.1	< 0.1	< 0.05	0.4	< 0.001	< 0.5	0.05	4.60	1.5	0.6
A258109	0.7	0.1	< 0.1	< 0.05	0.3	0.002	< 0.5	0.08	2.02	< 0.1	1.7
A258110	0.4	< 0.1	< 0.1	< 0.05	0.3	< 0.001	1.6	0.05	6.19	1.3	0.4
A258111	0.5	< 0.1	< 0.1	< 0.05	0.5	< 0.001	< 0.5	0.05	4.85	1.6	0.4
A258112	0.3	< 0.1	< 0.1	< 0.05	0.5	< 0.001	< 0.5	0.05	5.34	2.1	0.4
A258113	0.4	< 0.1	< 0.1	< 0.05	0.5	< 0.001	< 0.5	0.03	4.80	1.6	0.4
A258114	0.2	< 0.1	< 0.1	< 0.05	0.3	0.001	< 0.5	0.11	2.65	1.1	0.3
A258115	0.3	< 0.1	< 0.1	< 0.05	0.5	0.001	< 0.5	0.06	4.75	2.4	0.5
A258116	0.4	< 0.1	0.1	< 0.05	0.6	< 0.001	1.0	0.04	4.69	1.5	0.4
A258117	0.5	< 0.1	< 0.1	< 0.05	0.3	< 0.001	< 0.5	0.03	3.35	0.6	0.4
A258118	0.4	< 0.1	< 0.1	< 0.05	0.4	< 0.001	0.8	0.04	4.34	1.3	0.4
A258119	0.6	< 0.1	< 0.1	< 0.05	0.5	0.001	< 0.5	0.06	5.11	1.8	0.5
A258120	0.5	< 0.1	< 0.1	< 0.05	0.3	< 0.001	0.6	0.04	4.32	1.2	0.4
A258121	0.5	< 0.1	< 0.1	< 0.05	0.4	< 0.001	0.7	0.06	5.38	1.6	0.4
A258122	0.5	< 0.1	< 0.1	< 0.05	0.3	< 0.001	< 0.5	0.04	5.08	1.2	0.4
A258123	0.7	< 0.1	< 0.1	< 0.05	0.4	0.001	2.8	0.07	7.17	1.6	0.5
A258124	0.4	< 0.1	< 0.1	< 0.05	0.3	< 0.001	< 0.5	0.05	4.46	1.6	0.4
A258125	0.4	< 0.1	< 0.1	< 0.05	0.3	0.001	6.5	0.07	5.04	1.7	0.4

Analyte Symbol	Yb	Lu	Hf	Ta	W	Re	Au	Tl	Pb	Th	U
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm
Detection Limit	0.1	0.1	0.1	0.05	0.1	0.001	0.5	0.02	0.01	0.1	0.1
Analysis Method	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
A258126	0.4	< 0.1	< 0.1	< 0.05	0.3	0.001	2.8	0.06	4.95	1.8	0.5
A258127	0.4	< 0.1	< 0.1	< 0.05	0.3	< 0.001	< 0.5	0.06	5.76	1.1	0.5
A258128	0.4	< 0.1	< 0.1	< 0.05	0.3	< 0.001	< 0.5	0.07	5.53	0.6	0.4
A258129	0.3	< 0.1	< 0.1	< 0.05	0.3	0.001	< 0.5	0.08	6.94	1.3	0.4
A258130	0.4	< 0.1	< 0.1	< 0.05	0.3	< 0.001	3.5	0.06	5.28	1.1	0.4
A258131	0.4	< 0.1	< 0.1	< 0.05	0.2	< 0.001	3.5	0.05	3.80	0.9	0.4
A258132	0.4	< 0.1	< 0.1	< 0.05	0.3	< 0.001	< 0.5	0.06	5.93	0.4	0.4
A258133	0.4	< 0.1	< 0.1	< 0.05	0.3	0.001	3.6	0.07	5.30	1.6	0.5
A258134	0.2	< 0.1	< 0.1	< 0.05	0.3	< 0.001	< 0.5	0.19	4.77	0.8	0.2
A258135	0.4	< 0.1	< 0.1	< 0.05	0.4	< 0.001	< 0.5	0.09	6.76	1.9	0.4
A258136	0.3	< 0.1	< 0.1	< 0.05	0.4	< 0.001	9.6	0.13	6.86	3.0	0.4
A258137	0.4	< 0.1	< 0.1	< 0.05	0.3	< 0.001	< 0.5	0.08	4.12	1.4	0.4
A258138	0.3	< 0.1	< 0.1	< 0.05	0.3	< 0.001	3.3	0.12	5.49	1.3	0.3
A258139	0.4	< 0.1	< 0.1	< 0.05	0.3	< 0.001	5.8	0.09	5.97	1.2	0.3
A258140	0.5	< 0.1	< 0.1	< 0.05	0.4	< 0.001	< 0.5	0.08	5.94	1.1	0.3
A258141	0.4	< 0.1	< 0.1	< 0.05	0.4	0.001	< 0.5	0.10	5.98	1.2	0.4
A258142	0.3	< 0.1	< 0.1	< 0.05	0.2	< 0.001	3.6	0.13	4.56	1.2	0.3
A258143	0.4	< 0.1	< 0.1	< 0.05	0.2	< 0.001	< 0.5	0.10	5.36	1.4	0.4
A258144	0.4	< 0.1	< 0.1	< 0.05	0.3	0.001	0.8	0.10	5.54	1.2	0.4
A258145	0.4	< 0.1	< 0.1	< 0.05	0.3	< 0.001	0.6	0.08	5.62	1.1	0.5
A258146	0.4	< 0.1	< 0.1	< 0.05	0.3	< 0.001	< 0.5	0.13	4.92	1.7	0.3
A258147	0.5	< 0.1	< 0.1	< 0.05	0.5	0.001	< 0.5	0.14	4.63	2.4	0.4
A258148	0.4	< 0.1	< 0.1	< 0.05	0.4	< 0.001	3.1	0.14	4.44	1.9	0.3
A258149	0.5	< 0.1	< 0.1	< 0.05	0.4	< 0.001	< 0.5	0.12	4.82	1.4	0.3
A258150	0.4	< 0.1	< 0.1	< 0.05	0.3	< 0.001	< 0.5	0.07	4.81	1.9	0.5
A258151	0.4	< 0.1	< 0.1	< 0.05	0.2	< 0.001	< 0.5	0.07	5.83	0.5	0.4
A258152	0.4	< 0.1	< 0.1	< 0.05	0.3	< 0.001	1.3	0.06	5.73	1.5	0.3
A258153	0.6	< 0.1	< 0.1	< 0.05	0.3	< 0.001	3.5	0.07	4.66	0.9	0.4
A258154	0.4	< 0.1	< 0.1	< 0.05	0.2	< 0.001	< 0.5	0.07	6.65	1.2	0.4
A258155	0.4	< 0.1	< 0.1	< 0.05	0.2	< 0.001	< 0.5	0.06	6.01	0.9	0.5
A258156	1.0	0.1	< 0.1	< 0.05	0.2	< 0.001	< 0.5	0.07	8.16	1.1	0.8
A258157	0.6	< 0.1	< 0.1	< 0.05	0.2	< 0.001	< 0.5	0.10	10.3	0.9	0.8
A258158	0.4	< 0.1	< 0.1	< 0.05	0.3	< 0.001	< 0.5	0.07	5.85	0.4	0.6
A258159	0.6	< 0.1	< 0.1	< 0.05	0.3	< 0.001	< 0.5	0.06	4.76	0.8	0.6
A258160	0.4	< 0.1	< 0.1	< 0.05	0.4	0.001	< 0.5	0.07	2.57	< 0.1	1.3
A258161	0.6	< 0.1	< 0.1	< 0.05	0.5	< 0.001	< 0.5	0.06	4.23	0.9	0.5
A258162	1.1	0.2	< 0.1	< 0.05	0.4	< 0.001	< 0.5	0.09	6.44	0.2	1.4
A258163	0.5	< 0.1	< 0.1	< 0.05	0.4	< 0.001	< 0.5	0.04	5.64	0.5	0.5
A258164	0.4	< 0.1	< 0.1	< 0.05	0.3	< 0.001	< 0.5	0.06	5.71	1.1	0.3
A258165	0.4	< 0.1	< 0.1	< 0.05	0.4	< 0.001	0.5	0.08	6.30	2.0	0.4
A258166	0.3	< 0.1	< 0.1	< 0.05	0.4	< 0.001	< 0.5	0.08	5.18	2.0	0.4
A258167	0.4	< 0.1	< 0.1	< 0.05	0.4	< 0.001	2.0	0.07	7.39	1.3	0.4
A258168	0.3	< 0.1	< 0.1	< 0.05	0.4	< 0.001	< 0.5	0.11	6.59	1.6	0.3
A258169	0.4	< 0.1	< 0.1	< 0.05	0.3	< 0.001	1.7	0.07	5.53	1.1	0.4
A258170	0.4	< 0.1	< 0.1	< 0.05	0.3	< 0.001	< 0.5	0.06	5.90	0.4	0.7
A258171	0.4	< 0.1	< 0.1	< 0.05	0.4	< 0.001	0.8	0.06	5.58	1.4	0.6
A258172	0.4	< 0.1	< 0.1	< 0.05	0.4	0.001	< 0.5	0.08	5.71	1.4	0.5
A258173	1.2	0.2	< 0.1	< 0.05	0.3	< 0.001	< 0.5	0.08	6.23	0.4	0.8
A258174	0.3	< 0.1	< 0.1	< 0.05	0.3	< 0.001	< 0.5	0.09	5.29	1.2	0.4
A258175	0.4	< 0.1	< 0.1	< 0.05	0.4	< 0.001	< 0.5	0.07	5.20	1.2	0.4
A258176	0.4	< 0.1	< 0.1	< 0.05	0.4	< 0.001	0.7	0.13	8.24	1.0	0.5
A258177	0.4	< 0.1	< 0.1	< 0.05	0.8	< 0.001	< 0.5	0.09	7.09	0.6	0.2

Analyte Symbol	Yb	Lu	Hf	Ta	W	Re	Au	Tl	Pb	Th	U
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm
Detection Limit	0.1	0.1	0.1	0.05	0.1	0.001	0.5	0.02	0.01	0.1	0.1
Analysis Method	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
A258178	1.3	0.2	< 0.1	< 0.05	0.4	< 0.001	< 0.5	0.19	6.20	0.8	0.5
A258179	1.6	0.3	< 0.1	< 0.05	0.4	< 0.001	1.1	0.35	13.9	0.8	1.1
A258180	0.5	< 0.1	< 0.1	< 0.05	0.3	< 0.001	2.3	0.17	7.66	1.1	0.4
A258181	1.8	0.3	< 0.1	< 0.05	0.2	< 0.001	< 0.5	0.06	7.94	0.7	1.4
A258182	1.0	0.1	< 0.1	< 0.05	0.2	< 0.001	< 0.5	0.05	5.65	0.6	0.8
A258183	0.4	< 0.1	< 0.1	< 0.05	0.4	< 0.001	< 0.5	0.06	5.22	1.7	0.5
A258184	0.4	< 0.1	< 0.1	< 0.05	0.2	< 0.001	< 0.5	0.05	4.47	0.2	0.6
A258185	0.8	0.1	< 0.1	< 0.05	0.2	< 0.001	< 0.5	0.05	4.01	0.1	0.8
A258186	0.3	< 0.1	< 0.1	< 0.05	0.4	< 0.001	< 0.5	0.04	4.38	1.2	0.4
A258187	0.4	< 0.1	< 0.1	< 0.05	0.4	< 0.001	< 0.5	0.05	4.73	1.7	0.6
A258188	0.4	< 0.1	< 0.1	< 0.05	0.3	< 0.001	< 0.5	0.05	4.41	1.4	0.5
A258189	0.5	< 0.1	< 0.1	< 0.05	0.3	< 0.001	< 0.5	0.04	4.22	1.1	0.5
A258190	0.6	< 0.1	< 0.1	< 0.05	0.3	< 0.001	< 0.5	0.05	5.75	0.8	0.6
A258191	0.5	< 0.1	< 0.1	< 0.05	0.3	< 0.001	< 0.5	0.06	3.49	0.9	0.5
A258192	0.5	< 0.1	< 0.1	< 0.05	0.2	< 0.001	< 0.5	0.10	5.64	0.3	0.5
A258193	0.8	0.1	< 0.1	< 0.05	0.2	0.001	< 0.5	0.06	4.50	0.2	0.8
A258194	0.4	< 0.1	< 0.1	< 0.05	0.7	< 0.001	0.6	0.05	5.41	0.8	0.5
A258195	0.5	< 0.1	< 0.1	< 0.05	0.4	< 0.001	< 0.5	0.05	5.71	1.6	0.4
A258196	0.4	< 0.1	< 0.1	< 0.05	0.2	< 0.001	1.9	0.08	9.27	2.0	0.4
A258197	0.6	< 0.1	< 0.1	< 0.05	0.3	< 0.001	1.7	0.06	5.45	1.7	0.5
A258198	0.6	< 0.1	0.1	< 0.05	0.3	< 0.001	1.7	0.07	6.36	1.6	0.4
A258199	0.5	< 0.1	< 0.1	< 0.05	0.3	< 0.001	2.1	0.07	5.36	1.8	0.4
A258200	0.4	< 0.1	< 0.1	< 0.05	0.3	0.001	1.6	0.08	5.75	0.7	0.3
A258201	0.5	< 0.1	< 0.1	< 0.05	0.5	< 0.001	1.6	0.07	6.60	1.6	0.5
A258202	0.4	< 0.1	< 0.1	< 0.05	0.5	< 0.001	< 0.5	0.07	6.17	1.3	0.3
A258203	0.4	< 0.1	< 0.1	< 0.05	0.3	< 0.001	2.7	0.05	4.78	1.2	0.4

Quality Control

Analyte Symbol	Li	Be	B	Na	Mg	Al	K	Bi	Ca	Sc	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Rb	Sr
Unit Symbol	ppm	ppm	ppm	%	%	%	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.1	0.1	1	0.001	0.01	0.01	0.01	0.02	0.01	0.1	1	0.5	1	0.01	0.1	0.1	0.01	0.1	0.02	0.1	0.1	0.1	0.1	0.5
Analysis Method	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
GXR-1 Meas	4.4	0.8	10	0.035	0.12	0.31	0.03	1440	0.75	1.0	61	4.8	801	23.2	7.6	41.9	1040	648	2.77		394	16.7	2.2	194
GXR-1 Cert	8.20	1.22	15.0	0.0520	0.217	3.52	0.0500	1380	0.960	1.58	80.0	12.0	852	23.6	8.20	41.0	1110	760	13.8		427	16.6	14.0	275
GXR-4 Meas	9.6	1.5	4	0.142	1.83	3.24	1.89	19.0	0.93	6.7	69	57.4	136	3.12	14.8	42.7	6350	68.3	12.0		103	5.6	88.2	70.7
GXR-4 Cert	11.1	1.90	4.50	0.564	1.66	7.20	4.01	19.0	1.01	7.70	87.0	64.0	155	3.09	14.6	42.0	6520	73.0	20.0		98.0	5.60	160	221
GXR-2 Meas	56.0	1.3	21	0.168	0.53	3.77	0.70	0.29	0.79	5.2	53	28.9	1030	1.86	9.2	20.8	86.9	566	16.7		11.6	0.9	56.4	96.2
GXR-2 Cert	54.0	1.70	42.0	0.556	0.850	16.5	1.37	0.690	0.930	6.88	52.0	36.0	1010	1.86	8.60	21.0	76.0	530	37.0		25.0	0.610	78.0	160
GXR-6 Meas	28.2	0.8	5	0.081	0.43	7.94	1.04	0.16	0.18	22.7	172	81.8	1030	5.19	12.4	23.6	66.8	121	22.5		223	1.0	66.1	38.2
GXR-6 Cert	32.0	1.40	9.80	0.104	0.609	17.7	1.87	0.290	0.180	27.6	186	96.0	1010	5.58	13.8	27.0	66.0	118	35.0		330	0.940	90.0	35.0
OREAS 13P Meas														5.10		2390	2590							
OREAS 13P Cert														7.58		2260	2500							
A258086 Orig	16.3	0.4	4	0.035	0.59	2.00	0.08	0.07	0.74	5.4	142	59.5	241	4.54	9.3	23.2	25.6	40.1	9.05	< 0.1	11.6	0.8	10.9	55.7
A258086 Dup	16.1	0.4	4	0.035	0.59	1.96	0.08	0.07	0.73	5.5	149	56.7	241	4.42	9.3	22.2	26.2	36.9	9.04	< 0.1	10.6	0.8	11.4	56.6
A258113 Orig	16.0	0.5	4	0.028	0.45	2.27	0.05	0.06	0.61	4.9	118	74.7	196	3.81	8.8	28.0	19.2	54.0	8.23	0.1	5.6	0.8	12.0	41.3
A258113 Dup	14.9	0.5	4	0.035	0.49	2.66	0.06	0.23	0.69	4.8	112	73.1	230	4.09	9.3	26.8	17.1	50.1	7.87	< 0.1	6.3	0.8	12.4	49.6
A258127 Orig	12.7	0.2	4	0.025	0.76	2.03	0.07	0.08	0.49	4.6	82	62.1	349	3.58	9.9	29.8	34.3	51.4	6.93	< 0.1	5.4	0.9	8.3	53.2
A258127 Dup	11.9	0.3	4	0.025	0.80	2.00	0.07	0.08	0.46	4.6	86	61.8	338	3.50	9.7	28.6	33.8	47.2	7.01	0.1	8.8	0.6	7.8	49.4
A258150 Orig	18.0	0.3	5	0.029	1.02	2.69	0.09	0.07	0.78	6.5	108	68.7	387	4.18	12.3	35.5	39.7	56.0	8.53	0.1	5.1	0.7	13.7	76.1
A258150 Dup	17.5	0.3	6	0.031	1.07	2.65	0.09	0.07	0.81	6.7	125	80.2	399	4.14	12.0	34.6	41.2	60.3	9.19	0.1	5.1	0.8	14.0	77.7
A258164 Orig	7.1	0.3	4	0.023	0.37	3.18	0.08	0.09	0.98	14.4	161	20.0	241	4.28	7.6	6.7	48.3	52.5	14.6	< 0.1	2.2	0.7	9.0	100.0
A258164 Dup	7.5	0.3	5	0.026	0.40	2.95	0.08	0.08	0.93	14.5	190	21.6	226	3.90	7.2	6.7	51.5	58.0	15.4	< 0.1	3.4	0.6	9.7	104
A258177 Orig	52.4	0.5	3	0.027	3.27	4.09	0.08	0.06	1.38	10.9	251	234	951	9.08	40.9	72.5	77.8	141	16.5	0.2	3.9	0.9	16.4	111
A258177 Dup	45.6	0.5	3	0.031	3.74	4.29	0.06	0.07	1.20	9.4	244	231	916	8.30	35.4	60.9	71.7	136	16.7	0.2	6.0	1.0	14.1	96.8
A258191 Orig	11.7	0.3	5	0.041	0.63	1.98	0.08	0.06	0.96	4.4	67	33.4	594	2.20	7.4	17.0	24.9	49.8	6.16	0.1	3.7	0.9	12.8	76.1
A258191 Dup	10.8	0.3	4	0.031	0.63	1.88	0.07	0.06	0.87	3.9	65	31.9	589	2.02	6.8	15.8	23.2	46.1	6.16	< 0.1	3.7	0.6	12.0	69.2
Method Blank Method Blank	< 0.1	< 0.1	< 1	< 0.001	< 0.01	< 0.01	< 0.01	< 0.02	< 0.01	< 0.1	< 1	< 0.5	< 1	< 0.01	< 0.1	< 0.1	< 0.01	< 0.1	< 0.02	< 0.1	< 0.1	< 0.1	< 0.1	< 0.5

Quality Control

Analyte Symbol	Y	Zr	Nb	Mo	Ag	Cd	In	Sn	Sb	Te	Cs	Ba	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.01	0.1	0.1	0.01	0.002	0.01	0.02	0.05	0.02	0.02	0.02	0.5	0.5	0.01	0.1	0.02	0.1	0.1	0.1	0.1	0.001	0.1	0.1	0.1
Analysis Method	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
GXR-1 Meas	27.6	15.2	0.3	18.0	31.2	2.47	0.73	26.2	77.6	13.6	2.65	309	5.9	12.1		6.25	2.2	0.5	3.4	0.7	4.52			0.3
GXR-1 Cert	32.0	38.0	0.800	18.0	31.0	3.30	0.770	54.0	122	13.0	3.00	750	7.50	17.0		18.0	2.70	0.690	4.20	0.830	4.30			0.430
GXR-4 Meas	12.0	10.6	0.2	311	3.35	0.13	0.20	6.08	2.71	0.82	2.43	19.7	49.9	91.2		36.2	5.6	1.4	4.5	0.5	2.63			0.1
GXR-4 Cert	14.0	186	10.0	310	4.00	0.860	0.270	5.60	4.80	0.970	2.80	1640	64.5	102		45.0	6.60	1.63	5.25	0.360	2.60			0.210
GXR-2 Meas	12.6	10.0	1.8	0.85	18.4	3.99	0.05	1.27	23.6	0.45	4.36	1170	22.5	46.9		18.0	3.0	0.6	2.6	0.4	2.09			0.2
GXR-2 Cert	17.0	269	11.0	2.10	17.0	4.10	0.252	1.70	49.0	0.690	5.20	2240	25.6	51.4		19.0	3.50	0.810	3.30	0.480	3.30			0.300
GXR-6 Meas	7.33	16.7	< 0.1	1.42	0.307	0.10	0.06	1.14	1.60	0.07	3.32	1050	11.6	33.3		11.3	2.2	0.5	1.7	0.2	1.49			0.1
GXR-6 Cert	14.0	110	7.50	2.40	1.30	1.00	0.260	1.70	3.60	0.0180	4.20	1300	13.9	36.0		13.0	2.67	0.760	2.97	0.415	2.80			0.0320
OREAS 13P Meas																								
OREAS 13P Cert																								
A258086 Orig	4.75	3.2	1.2	0.84	0.102	0.11	0.03	0.48	0.46	0.04	0.93	78.7	9.1	17.5	1.9	6.70	1.2	0.3	1.1	0.2	0.918	0.2	0.5	< 0.1
A258086 Dup	4.72	3.3	1.1	0.84	0.104	0.10	0.03	0.48	0.46	0.07	0.93	78.6	8.0	15.9	1.8	6.55	1.2	0.3	1.0	0.2	0.910	0.2	0.5	< 0.1
A258113 Orig	4.08	3.5	1.1	0.67	0.180	0.15	0.02	0.38	0.27	0.03	0.91	75.4	6.8	13.7	1.6	5.87	1.1	0.3	0.9	0.1	0.791	0.2	0.4	< 0.1
A258113 Dup	4.32	3.0	0.9	0.71	0.168	0.12	0.03	0.42	0.30	0.04	0.98	77.7	7.0	13.9	1.6	6.03	1.2	0.3	1.1	0.2	0.881	0.2	0.4	< 0.1
A258127 Orig	5.39	2.1	1.1	1.40	0.117	0.19	0.02	0.47	0.51	0.02	1.19	81.1	11.2	24.0	2.6	9.46	1.8	0.4	1.5	0.2	1.15	0.2	0.5	< 0.1
A258127 Dup	5.10	2.1	1.0	1.34	0.122	0.16	0.02	0.42	0.48	0.06	1.13	76.1	10.6	22.8	2.6	9.31	1.8	0.4	1.5	0.2	1.14	0.2	0.5	< 0.1
A258150 Orig	5.43	2.5	0.8	0.75	0.130	0.20	0.03	0.43	0.38	0.02	1.14	89.8	11.1	22.2	2.5	8.82	1.6	0.4	1.5	0.2	1.18	0.2	0.6	< 0.1
A258150 Dup	5.82	2.5	0.7	0.72	0.202	0.21	0.03	0.47	0.39	0.07	1.11	90.6	11.6	23.6	2.7	9.74	1.7	0.4	1.5	0.2	1.16	0.2	0.6	< 0.1
A258164 Orig	4.16	2.2	0.3	0.63	0.217	0.13	0.03	0.87	0.60	0.03	2.86	118	8.3	16.7	1.9	6.71	1.3	0.4	1.2	0.2	0.916	0.2	0.5	< 0.1
A258164 Dup	4.45	2.4	0.3	0.63	0.244	0.14	0.03	0.88	0.61	0.06	2.94	119	8.4	17.1	2.0	7.09	1.3	0.4	1.1	0.2	0.917	0.2	0.5	< 0.1
A258177 Orig	5.30	3.8	0.5	0.49	0.325	0.26	0.03	0.53	1.07	0.06	3.22	140	3.1	6.88	0.8	3.01	0.8	0.2	0.9	0.2	1.05	0.2	0.6	< 0.1
A258177 Dup	4.79	3.7	0.4	0.49	0.279	0.23	0.03	0.50	0.95	0.03	2.90	128	2.7	6.23	0.7	2.87	0.7	0.2	0.8	0.1	0.917	0.2	0.5	< 0.1
A258191 Orig	5.88	1.8	1.2	0.61	0.313	0.16	< 0.02	0.46	0.27	0.03	1.00	109	10.6	20.3	2.3	8.45	1.7	0.5	1.6	0.2	1.25	0.2	0.6	< 0.1
A258191 Dup	5.38	1.7	1.2	0.57	0.271	0.16	< 0.02	0.45	0.23	0.04	0.97	104	9.4	18.6	2.1	7.94	1.6	0.4	1.5	0.2	1.18	0.2	0.6	< 0.1
Method Blank Method Blank	< 0.01	< 0.1	< 0.1	< 0.01	< 0.002	< 0.01	< 0.02	< 0.05	< 0.02	< 0.02	< 0.02	< 0.5	< 0.5	< 0.01	< 0.1	< 0.02	< 0.1	< 0.1	< 0.1	< 0.1	< 0.001	< 0.1	< 0.1	< 0.1

Quality Control

Analyte Symbol	Yb	Lu	Hf	Ta	W	Re	Au	Tl	Pb	Th	U
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm
Detection Limit	0.1	0.1	0.1	0.05	0.1	0.001	0.5	0.02	0.01	0.1	0.1
Analysis Method	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
GXR-1 Meas	1.8	0.2	0.2	< 0.05	157		3220	0.36	727	2.0	31.8
GXR-1 Cert	1.90	0.280	0.960	0.175	164		3300	0.390	730	2.44	34.9
GXR-4 Meas	0.8	0.1	0.3	< 0.05	12.8		555	2.98	49.3	18.6	4.8
GXR-4 Cert	1.60	0.170	6.30	0.790	30.8		470	3.20	52.0	22.5	6.20
GXR-2 Meas	0.8	0.1	0.1	< 0.05	0.1		21.2	0.66	694	5.0	1.6
GXR-2 Cert	2.04	0.270	8.30	0.900	1.90		36.0	1.03	690	8.80	2.90
GXR-6 Meas	0.8	0.1	0.4	< 0.05	0.2		68.8	1.93	100	3.8	0.7
GXR-6 Cert	2.40	0.330	4.30	0.485	1.90		95.0	2.20	101	5.30	1.54
OREAS 13P Meas							48.9				
OREAS 13P Cert							48.0				
A258086 Orig	0.4	< 0.1	< 0.1	< 0.05	0.5	< 0.001	< 0.5	0.04	4.85	1.8	0.4
A258086 Dup	0.4	< 0.1	< 0.1	< 0.05	0.5	< 0.001	< 0.5	0.04	5.11	1.6	0.4
A258113 Orig	0.4	< 0.1	< 0.1	< 0.05	0.5	< 0.001	1.4	0.03	4.76	1.5	0.4
A258113 Dup	0.4	< 0.1	< 0.1	< 0.05	0.5	< 0.001	< 0.5	0.03	4.83	1.6	0.4
A258127 Orig	0.5	< 0.1	< 0.1	< 0.05	0.3	0.001	< 0.5	0.06	5.72	1.1	0.5
A258127 Dup	0.4	< 0.1	< 0.1	< 0.05	0.3	< 0.001	1.2	0.06	5.79	1.0	0.4
A258150 Orig	0.4	< 0.1	< 0.1	< 0.05	0.3	< 0.001	< 0.5	0.06	4.63	1.8	0.5
A258150 Dup	0.5	< 0.1	< 0.1	< 0.05	0.3	< 0.001	9.1	0.07	4.98	2.0	0.5
A258164 Orig	0.4	< 0.1	< 0.1	< 0.05	0.3	< 0.001	< 0.5	0.06	5.68	1.1	0.3
A258164 Dup	0.4	< 0.1	< 0.1	< 0.05	0.3	< 0.001	< 0.5	0.07	5.74	1.1	0.3
A258177 Orig	0.4	< 0.1	< 0.1	< 0.05	0.8	< 0.001	< 0.5	0.09	6.92	0.7	0.3
A258177 Dup	0.4	< 0.1	< 0.1	< 0.05	0.7	< 0.001	< 0.5	0.09	7.26	0.6	0.2
A258191 Orig	0.5	< 0.1	< 0.1	< 0.05	0.3	< 0.001	< 0.5	0.06	3.50	1.0	0.5
A258191 Dup	0.5	< 0.1	< 0.1	< 0.05	0.3	< 0.001	< 0.5	0.06	3.48	0.9	0.5
Method Blank Method Blank	< 0.1	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 0.5	< 0.02	< 0.01	< 0.1	< 0.1

Quality Analysis ... *Innovative Technologies*

Date Submitted: 13-Jul-10
Invoice No.: A10-3856
Invoice Date: 10-Aug-10
Your Reference: Mt. Milligan

Terrane Metals Corp
1500-999 West Hastings Street
Vancouver BC V6C 2W2
Canada

ATTN: VP Exploration Darren O'brien

CERTIFICATE OF ANALYSIS

325 Soil samples were submitted for analysis.

The following analytical package was requested: Code UT-1-0.5g Aqua Regia ICP/MS

REPORT **A10-3856**

Notes:
Assays are recommended for values >10,000 for Cu and Au.

CERTIFIED BY :

Emmanuel Eseme , Ph.D.
Quality Control

SCC Accredited LAB 265
LAB 266 Accrédité CCN

ACTIVATION LABORATORIES LTD.

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Analyte Symbol	Li	Be	B	Na	Mg	Al	K	Bi	Ca	Sc	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Rb	Sr
Unit Symbol	ppm	ppm	ppm	%	%	%	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.1	0.1	1	0.001	0.01	0.01	0.01	0.02	0.01	0.1	1	0.5	1	0.01	0.1	0.1	0.01	0.1	0.02	0.1	0.1	0.1	0.1	0.5
Analysis Method	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
A257501	10.7	0.4	3	0.028	0.50	1.71	0.08	0.08	0.52	4.6	103	42.3	355	3.45	10.1	20.8	27.0	71.8	6.17	< 0.1	27.7	0.3	12.4	41.9
A257502	11.8	0.5	2	0.024	0.46	1.73	0.06	0.08	0.48	3.9	110	42.4	233	3.80	7.4	16.2	21.2	60.8	6.65	< 0.1	18.6	0.6	9.3	37.0
A257503	17.9	0.4	4	0.024	0.61	2.04	0.10	0.09	0.46	4.1	91	43.5	294	3.61	8.2	16.3	20.2	95.7	6.60	< 0.1	16.0	< 0.1	10.3	37.3
A257504	12.8	0.4	2	0.023	0.84	2.23	0.09	0.08	0.50	4.8	110	39.4	459	3.79	8.1	14.8	36.9	64.9	8.10	< 0.1	17.5	< 0.1	8.8	52.8
A257505	15.4	0.5	4	0.031	0.54	2.29	0.08	0.06	0.55	4.5	110	53.6	347	4.07	11.2	23.4	24.6	63.8	6.26	< 0.1	23.4	< 0.1	9.4	48.4
A257506	11.9	0.4	6	0.026	0.45	1.76	0.08	0.07	0.51	3.8	103	36.9	207	3.40	6.3	14.0	18.1	59.6	6.75	< 0.1	24.0	< 0.1	10.5	38.9
A257507	8.8	0.3	2	0.024	0.45	1.78	0.07	0.08	0.42	3.2	75	34.1	193	2.21	6.0	14.8	28.2	47.3	6.76	< 0.1	10.9	< 0.1	9.1	37.4
A257508	9.1	0.3	3	0.025	0.38	1.49	0.09	0.07	0.43	2.5	94	36.3	268	3.78	7.5	17.3	21.6	66.8	5.79	< 0.1	18.8	< 0.1	10.7	37.0
A257509	10.1	0.3	2	0.023	0.38	1.43	0.07	0.10	0.34	2.6	75	28.6	197	3.53	6.4	15.9	18.8	98.9	5.94	< 0.1	24.8	< 0.1	9.0	27.1
A257510	12.0	0.3	3	0.024	0.30	1.50	0.05	0.09	0.45	3.0	80	33.1	171	2.76	5.3	10.1	13.9	57.1	6.06	< 0.1	8.3	< 0.1	8.4	36.7
A257511	12.4	0.3	3	0.028	0.46	1.66	0.06	0.06	0.44	4.1	106	36.4	214	3.61	8.6	19.4	22.7	53.2	6.36	< 0.1	20.3	< 0.1	8.4	36.2
A257512	24.3	0.6	2	0.027	0.54	2.53	0.09	0.11	0.96	4.6	77	33.6	471	4.36	15.7	28.6	33.6	158	6.11	< 0.1	50.4	0.5	7.9	57.4
A257513	11.6	0.3	3	0.025	0.42	1.76	0.09	0.07	0.44	3.2	86	38.5	253	3.58	7.3	18.3	23.3	72.0	5.51	< 0.1	20.0	< 0.1	8.1	33.8
A257514	16.1	0.5	3	0.026	0.52	2.14	0.08	0.09	0.51	4.1	87	38.9	318	3.37	11.9	24.0	34.0	83.5	6.76	< 0.1	16.5	< 0.1	11.2	44.8
A257515	11.9	0.2	3	0.028	0.61	1.76	0.08	0.06	0.52	4.0	104	43.2	261	3.54	7.1	16.9	22.1	72.8	6.92	< 0.1	40.0	< 0.1	10.4	43.6
A257516	12.3	0.3	4	0.027	0.53	1.89	0.09	0.06	0.57	4.1	98	41.4	242	3.56	6.9	18.3	21.4	56.2	6.08	< 0.1	26.4	< 0.1	9.0	41.4
A257517	8.0	0.3	2	0.023	0.33	1.44	0.06	0.06	0.41	3.0	78	30.9	180	2.65	4.9	11.1	15.1	42.6	5.49	< 0.1	12.9	< 0.1	8.2	36.8
A257518	10.8	0.3	2	0.022	0.57	1.53	0.08	0.08	0.43	3.4	84	40.7	261	2.93	7.2	16.7	21.9	59.9	5.75	< 0.1	14.2	< 0.1	10.7	30.8
A257519	14.1	0.4	2	0.028	0.55	2.16	0.09	0.08	0.44	3.8	83	37.3	289	3.30	8.3	17.0	26.2	74.2	6.92	< 0.1	10.6	< 0.1	11.4	36.2
A257520	12.0	0.3	3	0.026	0.39	1.84	0.06	0.08	0.35	3.9	104	39.1	234	3.44	6.8	13.4	19.6	71.1	7.14	< 0.1	40.5	< 0.1	11.6	31.8
A257521	10.7	0.3	3	0.029	0.39	1.74	0.05	0.04	0.65	3.8	108	40.1	193	3.30	7.6	17.4	19.3	26.4	5.86	0.1	4.2	< 0.1	5.2	46.9
A257522	9.3	0.3	2	0.030	0.46	1.73	0.05	0.05	0.55	3.6	77	33.1	209	2.03	6.8	14.0	21.0	28.2	6.66	< 0.1	2.8	< 0.1	6.3	48.3
A257523	11.2	0.3	3	0.029	0.43	1.55	0.05	0.04	0.67	3.8	112	39.9	237	3.15	7.9	16.3	17.9	28.5	6.20	0.1	4.2	< 0.1	6.7	51.2
A257524	8.9	0.2	3	0.026	0.45	1.55	0.06	0.04	0.68	3.6	94	36.1	291	2.64	8.5	18.6	19.2	25.6	5.74	< 0.1	3.7	< 0.1	7.7	45.0
A257525	10.9	0.2	3	0.031	0.47	1.77	0.06	0.04	0.64	3.9	113	41.2	220	3.21	7.9	18.4	20.6	27.7	6.12	< 0.1	4.6	< 0.1	6.3	46.3
A257526	13.9	0.4	3	0.028	0.44	1.71	0.06	0.05	0.59	4.0	108	45.1	444	3.38	11.5	17.1	15.6	73.0	6.44	0.1	3.9	< 0.1	9.0	43.9
A257527	16.9	0.5	2	0.024	0.56	2.35	0.09	0.09	0.44	4.0	100	36.1	387	4.90	12.5	60.7	38.8	96.9	6.63	0.2	22.0	< 0.1	13.8	30.3
A257528	10.7	0.3	3	0.025	0.37	1.66	0.06	0.07	0.48	3.8	106	37.9	420	3.51	9.6	15.5	16.7	95.3	7.23	0.1	13.8	< 0.1	8.8	37.0
A257529	18.7	0.4	2	0.022	0.47	2.25	0.06	0.12	0.45	4.0	104	41.8	337	4.06	9.6	22.7	18.6	130	7.32	0.2	57.0	< 0.1	9.7	32.2
A257530	16.0	0.4	2	0.025	0.41	2.11	0.07	0.09	0.51	4.1	93	35.3	543	3.20	9.7	19.6	24.5	86.0	7.42	0.2	16.4	< 0.1	9.2	46.3
A257531	17.9	0.4	2	0.026	0.43	2.34	0.08	0.10	0.39	3.9	92	38.4	225	3.55	7.2	19.3	19.5	66.7	7.41	0.1	14.6	< 0.1	10.9	32.1
A257532	9.9	0.4	3	0.030	0.42	2.02	0.06	0.04	0.51	3.7	96	40.6	228	2.90	8.2	18.0	19.5	43.0	5.74	0.1	8.8	< 0.1	8.4	38.2
A257533	16.0	0.3	3	0.025	0.38	1.79	0.08	0.07	0.43	3.2	77	30.6	307	3.08	6.0	14.1	13.4	111	6.75	0.1	25.3	< 0.1	11.6	35.7
A257534	13.8	0.3	3	0.027	0.41	1.89	0.06	0.05	0.50	3.6	103	41.0	265	3.38	8.2	17.4	18.4	88.3	6.45	0.1	7.0	< 0.1	6.8	39.5
A257535	14.1	0.3	4	0.027	0.47	1.77	0.07	0.06	0.60	3.8	108	42.5	265	3.45	9.0	19.3	18.2	91.3	6.88	0.2	6.9	< 0.1	7.8	43.6
A257536	13.1	0.3	3	0.030	0.43	1.77	0.06	0.05	0.64	3.7	113	40.1	312	3.32	9.2	17.0	16.5	42.0	7.36	0.1	3.8	< 0.1	7.5	47.5
A257537	9.4	0.3	3	0.034	0.45	1.83	0.05	0.05	0.68	4.2	96	36.1	209	2.64	7.7	16.8	20.2	24.2	5.32	0.1	4.2	< 0.1	4.8	48.5
A257538	20.7	0.3	2	0.029	0.44	2.03	0.05	0.08	0.66	4.2	79	35.5	241	2.93	10.1	20.9	18.2	116	5.96	0.2	13.8	< 0.1	7.0	53.1
A257539	11.4	0.4	3	0.028	0.50	2.05	0.06	0.10	0.73	4.0	88	41.9	501	3.11	11.7	19.9	21.9	85.3	6.35	0.1	18.2	< 0.1	9.3	55.5
A257540	13.0	0.3	2	0.025	0.31	1.86	0.05	0.10	1.02	3.1	82	30.1	172	2.57	6.8	10.9	13.7	49.1	6.91	< 0.1	14.2	0.2	6.3	63.9
A257541	12.1	0.3	2	0.022	0.33	1.32	0.06	0.08	0.47	2.7	91	32.0	170	2.91	6.2	17.2	17.7	41.4	5.83	< 0.1	26.3	< 0.1	12.6	34.2
A257542	11.8	0.3	2	0.025	0.28	1.70	0.08	0.31	0.39	3.5	102	37.5	263	3.92	6.8	12.8	18.2	68.1	7.26	0.1	23.4	< 0.1	11.9	32.4
A257543	17.1	0.3	2	0.026	0.41	1.85	0.07	0.11	0.42	3.7	88	38.0	311	3.25	8.7	16.3	15.3	94.3	6.63	0.1	8.5	< 0.1	11.4	30.7
A257544	16.4	0.4	2	0.025	0.52	1.91	0.09	0.07	0.38	3.7	103	39.9	241	3.67	8.5	16.8	16.6	88.2	7.15	0.1	52.7	< 0.1	14.2	30.0
A257545	14.2	0.4	2	0.024	0.45	1.91	0.08	0.09	0.40	4.0	93	36.0	279	3.59	9.2	19.2	19.4	110	7.10	0.2	43.1	< 0.1	11.6	30.4
A257546	9.1	0.3	2	0.021	0.37	1.47	0.07	0.07	0.42	3.1	87	31.8	206	2.93	6.1	14.2	16.4	65.7	5.65	0.2	34.5	< 0.1	8.9	33.1
A257547	7.3	0.2	2	0.023	0.38	1.32	0.08	0.10	0.38	2.8	107	30.3	202	3.49	5.1	12.6	22.3	47.6	7.13	0.1	40.5	< 0.1	9.2	32.3
A257548	8.0	0.3	2	0.018	0.29	1.36	0.07	0.07	0.36	2.3	89	31.0	218	3.07	5.0	13.1	16.3	57.2	6.16	0.2	7.9	< 0.1	7.0	26.8
A257549	15.0	0.4	3	0.033	0.58	2.50	0.08	0.12	0.50	4.4	108	44.6	277	3.82	11.2	22.3	28.3	49.3	6.76	0.2	10.3	< 0.1	8.9	37.2
A257550	9.0	0.2	2	0.024	0.40	1.56	0.09	0.10	0.40	3.2	92	31.8	267	2.92	5.8	13.1	18.6	57.4	6.52	0.1	12.3	< 0.1	10.9	31.7
A257551	8.7	0.3	2	0.021	0.38	1.38	0.08	0.08	0.42	2.9	80	35.2	363	3.08	6.7	16.1	21.5	67.9	5.65	0.2	30.6	< 0.1	10.6	30.1
A257552	11.1	0.3	3	0.030	0.50	1.83	0.08	0.08	0.46	4.4	114	41.4	256	3.75	8.0	15.5	20.7	62.9	7.32	0.2	51.5	< 0.1	12.2	37.0

Analyte Symbol	Li	Be	B	Na	Mg	Al	K	Bi	Ca	Sc	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Rb	Sr
Unit Symbol	ppm	ppm	ppm	%	%	%	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.1	0.1	1	0.001	0.01	0.01	0.01	0.02	0.01	0.1	1	0.5	1	0.01	0.1	0.1	0.01	0.1	0.02	0.1	0.1	0.1	0.1	0.5
Analysis Method	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
A257553	13.8	0.3	3	0.027	0.44	1.71	0.07	0.07	0.44	3.7	90	36.4	246	3.12	7.4	16.8	16.9	77.2	6.39	0.2	8.8	< 0.1	9.4	34.1
A257554	1.9	0.2	2	0.016	0.12	0.84	0.06	0.12	0.20	2.3	56	18.3	162	3.77	6.3	37.5	29.4	59.3	3.62	0.2	13.0	< 0.1	7.2	17.8
A257555	10.6	0.3	2	0.024	0.32	1.48	0.05	0.09	0.37	3.1	71	30.0	213	2.34	6.7	13.2	13.1	95.9	5.84	0.1	6.3	< 0.1	8.5	30.1
A257556	14.7	0.3	2	0.018	0.52	2.09	0.06	0.16	0.50	3.3	94	34.0	221	3.72	10.2	25.3	30.2	64.9	6.95	0.2	19.4	< 0.1	7.9	36.1
A257557	13.4	0.3	2	0.024	0.34	1.66	0.06	0.19	0.36	3.1	96	35.1	180	3.52	6.6	13.4	18.0	51.9	6.97	0.2	29.8	< 0.1	9.8	31.3
A257558	17.6	0.3	2	0.023	0.35	1.74	0.05	0.16	0.63	3.2	89	36.9	227	3.09	8.5	15.9	14.6	76.6	7.34	0.2	13.6	< 0.1	8.5	40.1
A257559	13.6	0.4	3	0.032	0.47	1.59	0.06	0.08	0.81	3.8	78	39.0	752	2.91	11.1	22.8	18.1	70.9	5.15	0.1	13.9	< 0.1	8.5	46.1
A257560	12.3	0.4	3	0.026	0.44	1.69	0.05	0.06	0.44	3.3	116	44.4	201	3.91	7.0	16.4	18.2	43.2	6.19	0.1	17.5	< 0.1	7.7	35.2
A257561	17.5	0.3	3	0.031	0.46	1.44	0.06	0.06	0.99	3.3	71	34.7	295	2.87	8.5	13.7	18.4	56.3	4.53	0.1	10.8	0.3	6.8	70.1
A257562	9.8	0.3	2	0.026	0.61	1.79	0.09	0.06	0.51	4.1	95	42.8	411	3.36	9.9	22.8	32.0	58.2	5.61	0.1	8.8	< 0.1	7.1	36.5
A257563	10.6	0.4	2	0.025	0.49	1.72	0.07	0.08	0.41	3.5	104	43.6	291	3.64	8.2	16.7	21.2	45.6	6.41	0.1	10.5	< 0.1	7.8	31.4
A257564	8.8	0.3	3	0.026	0.46	1.66	0.09	0.10	0.43	3.2	104	41.4	328	3.20	6.8	13.7	21.9	56.3	6.95	0.1	10.6	< 0.1	9.6	36.8
A257565	11.8	0.2	2	0.023	0.56	1.56	0.07	0.08	0.55	4.0	95	43.3	331	2.97	8.1	17.8	28.4	57.8	7.20	0.1	18.1	0.5	9.9	41.0
A257566	9.7	0.3	3	0.025	0.40	1.63	0.08	0.07	0.40	3.4	97	38.9	350	3.61	6.9	15.5	20.7	66.2	6.59	0.1	38.1	0.5	13.6	32.1
A257567	13.7	0.4	2	0.028	0.65	2.15	0.08	0.11	0.42	4.4	116	47.0	328	4.08	9.0	19.6	28.1	78.4	7.77	0.1	38.2	0.4	11.6	33.3
A257568	12.9	0.5	3	0.026	0.51	1.81	0.07	0.05	0.43	3.5	91	42.3	297	3.22	8.9	20.1	23.8	73.2	5.61	0.1	16.7	0.8	10.3	33.5
A257569	12.1	0.3	2	0.023	0.34	1.76	0.05	0.08	0.34	3.3	98	34.1	192	4.17	6.8	17.3	23.0	72.7	7.08	0.1	19.6	0.4	7.3	31.5
A257570	24.2	0.5	2	0.021	0.66	1.99	0.07	0.14	0.32	3.5	74	35.4	260	4.22	9.7	31.7	31.6	166	7.05	0.1	25.9	0.9	11.6	24.2
A257571	10.2	0.3	2	0.022	0.30	1.32	0.07	0.07	0.49	2.7	89	31.9	209	2.85	7.0	14.3	12.7	63.9	5.59	0.1	12.2	0.4	7.4	42.4
A257572	9.9	0.3	2	0.022	0.27	1.38	0.05	0.14	0.37	2.7	88	32.0	148	2.60	5.1	9.6	10.2	43.3	6.37	0.1	14.6	0.3	8.5	32.7
A257573	35.7	0.5	2	0.031	0.52	1.91	0.05	0.20	1.09	3.8	94	37.8	485	3.43	12.6	21.5	28.7	67.4	6.34	0.1	32.9	0.9	7.8	69.0
A257574	20.0	0.5	2	0.028	0.55	2.06	0.05	0.19	1.00	3.4	92	39.8	243	3.57	9.9	20.3	33.2	48.7	6.62	0.1	44.0	0.8	7.4	56.4
A257575	12.5	0.2	2	0.024	0.36	1.47	0.05	0.06	0.44	2.8	91	33.2	198	2.95	6.3	13.4	12.0	49.8	6.05	< 0.1	15.8	0.1	7.5	36.3
A257576	8.2	0.3	2	0.023	0.30	1.26	0.04	0.05	0.34	2.8	82	29.3	147	2.59	4.8	10.1	11.1	41.3	5.69	< 0.1	13.1	0.3	7.7	29.5
A257577	6.8	0.3	3	0.033	0.46	1.35	0.05	< 0.02	0.70	3.5	89	35.0	284	2.37	7.5	16.3	19.8	23.3	4.84	0.1	3.5	0.3	4.1	49.7
A257578	9.6	0.3	3	0.029	0.36	1.54	0.04	0.04	0.88	2.9	87	30.8	275	2.34	6.9	14.4	18.7	30.3	6.16	< 0.1	3.1	0.4	5.6	51.5
A257579	8.2	0.3	3	0.025	0.40	1.57	0.05	0.04	0.75	2.8	77	31.0	381	2.08	8.0	14.3	25.6	25.1	5.87	< 0.1	2.1	0.2	5.4	44.4
A257580	29.1	0.5	4	0.042	0.59	2.01	0.06	0.06	1.23	5.4	82	42.1	793	2.79	10.6	30.7	58.0	56.8	6.03	< 0.1	7.7	1.0	6.1	73.5
A257581	18.5	0.5	3	0.042	0.60	2.19	0.08	0.08	1.31	6.0	88	44.1	858	2.96	11.8	33.3	59.6	69.8	6.21	< 0.1	7.8	0.9	9.5	84.9
A257582	16.4	0.3	2	0.030	0.43	2.14	0.05	0.07	0.59	3.7	114	39.5	211	3.42	8.0	19.1	17.3	38.0	7.84	< 0.1	4.7	0.4	4.5	42.3
A257583	13.1	0.3	2	0.023	0.37	1.81	0.05	0.10	0.38	3.3	107	38.5	216	3.33	6.2	13.0	15.0	76.2	8.16	< 0.1	4.9	0.3	7.9	34.5
A257584	14.3	0.4	2	0.022	0.44	1.70	0.10	0.06	0.44	4.7	112	34.3	552	4.44	12.0	15.1	45.1	82.1	8.51	0.1	51.4	0.2	15.1	35.1
A257585	13.2	0.3	3	0.028	0.59	1.79	0.06	0.04	0.62	4.2	89	46.0	261	2.74	7.8	21.4	22.0	48.7	6.38	0.1	4.2	< 0.1	10.5	47.2
A257586	8.2	0.3	3	0.028	0.48	1.57	0.06	0.04	0.52	3.2	92	36.8	252	2.53	7.1	18.6	23.6	34.2	6.48	< 0.1	4.3	0.2	8.1	42.8
A257587	13.6	0.4	3	0.026	0.40	1.98	0.06	0.05	0.51	3.5	108	43.2	194	3.22	8.2	17.9	16.7	35.3	6.88	< 0.1	5.1	0.3	7.7	40.2
A257588	12.9	0.4	3	0.026	0.47	1.98	0.07	0.04	0.52	3.5	89	41.3	221	2.79	8.0	18.6	17.5	54.5	6.71	0.1	4.0	0.2	11.5	42.2
A257589	10.0	0.3	3	0.027	0.35	1.44	0.07	0.03	0.59	2.9	90	34.0	179	2.47	5.9	13.2	14.1	37.5	5.66	< 0.1	2.9	0.2	7.2	41.5
A257590	11.1	0.3	3	0.027	0.34	1.48	0.07	0.04	0.57	3.0	102	35.8	190	2.96	6.6	14.5	13.4	33.4	6.22	< 0.1	2.9	0.1	8.1	42.6
A257591	9.4	0.3	4	0.027	0.49	1.41	0.08	0.02	0.69	2.8	98	42.4	228	2.73	7.3	18.2	21.4	29.5	5.44	< 0.1	4.2	0.3	8.2	49.4
A257592	13.3	0.5	2	0.033	0.56	2.23	0.07	0.06	1.16	5.3	90	42.9	421	2.78	9.4	30.9	73.9	35.8	6.55	< 0.1	4.7	0.7	7.9	65.9
A257593	9.9	0.3	3	0.031	0.43	1.46	0.05	0.03	0.67	3.5	107	41.0	247	3.05	8.1	18.4	19.3	33.7	5.64	0.1	4.7	0.4	7.1	52.2
A257594	6.4	0.2	3	0.030	0.40	1.43	0.04	< 0.02	0.55	3.2	91	35.8	261	2.57	7.9	16.2	20.8	28.2	4.74	< 0.1	4.0	0.4	5.8	43.6
A257595	18.6	0.4	3	0.049	0.65	2.09	0.06	0.05	0.94	4.1	127	40.6	482	3.42	12.7	21.4	29.5	38.1	7.80	0.1	4.0	0.3	9.0	55.2
A257596	11.5	0.3	3	0.025	0.26	1.64	0.04	0.04	0.43	2.5	87	35.0	152	2.68	5.0	10.2	11.9	25.9	6.28	< 0.1	3.1	0.4	7.1	36.3
A257597	14.9	0.6	2	0.037	0.50	1.97	0.05	0.06	1.03	4.4	95	39.8	463	2.57	9.6	17.0	89.3	35.1	6.32	0.1	3.2	0.6	7.3	57.6
A257598	9.4	0.3	3	0.041	0.57	1.39	0.05	0.03	0.92	3.4	80	31.8	314	2.07	7.6	15.3	25.5	29.1	5.43	< 0.1	2.9	0.2	6.2	54.2
A257599	4.7	0.2	3	0.025	0.27	1.17	0.03	0.04	0.46	2.1	47	20.6	109	1.14	3.3	6.9	12.7	17.6	5.77	< 0.1	1.6	0.1	5.4	39.0
A257600	9.4	0.2	2	0.028	0.50	1.27	0.04	0.03	0.72	2.9	72	27.8	307	1.68	7.8	13.2	19.7	28.7	5.26	< 0.1	2.5	0.2	6.5	44.0
A257601	9.3	0.2	4	0.033	0.46	1.24	0.04	0.02	0.83	3.2	72	33.9	240	2.00	6.4	15.5	15.4	28.0	4.83	0.1	2.8	0.2	5.9	44.7
A257602	9.1	0.2	2	0.029	0.42	1.21	0.03	0.03	0.57	3.0	66	26.2	166	1.60	5.0	11.4	12.6	23.0	5.74	< 0.1	2.6	0.3	5.9	39.2
A257603	7.2	0.3	3	0.033	0.43	1.68	0.04	< 0.02	0.67	2.9	99	38.0	198	2.62	6.9	17.5	18.7	24.2	4.86	< 0.1	4.6	0.4	3.7	38.8
A257604	18.4	0.6	3	0.039	0.49	2.08	0.05	0.07	1.60	4.4	63	44.8	473	2.35	7.5	29.2	144	46.5	4.47	0.1	8.1	1.5	6.4	64.1

Analyte Symbol	Li	Be	B	Na	Mg	Al	K	Bi	Ca	Sc	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Rb	Sr
Unit Symbol	ppm	ppm	ppm	%	%	%	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.1	0.1	1	0.001	0.01	0.01	0.01	0.02	0.01	0.1	1	0.5	1	0.01	0.1	0.1	0.01	0.1	0.02	0.1	0.1	0.1	0.1	0.5
Analysis Method	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
A257605	6.3	0.2	2	0.023	0.26	1.14	0.05	0.05	0.45	2.6	86	32.7	200	2.26	4.5	10.0	10.4	34.8	6.42	< 0.1	2.6	0.3	8.9	36.0
A257606	14.7	0.4	3	0.025	0.33	2.20	0.04	0.05	0.39	3.6	121	41.2	163	3.38	6.7	13.2	14.3	39.0	7.65	0.1	5.5	0.4	6.4	27.9
A257607	13.8	0.3	3	0.026	0.43	1.62	0.04	0.04	0.49	3.4	114	39.5	215	3.37	9.3	19.5	27.2	37.0	6.39	0.1	6.1	0.3	7.3	36.0
A257608	13.4	0.5	2	0.023	0.38	1.89	0.04	0.09	0.41	3.4	106	41.9	189	3.34	8.6	17.6	20.8	51.5	6.36	0.1	6.9	0.3	6.6	31.9
A257609	15.0	0.5	3	0.023	0.52	2.06	0.06	0.05	0.45	3.6	109	46.1	226	3.42	10.5	22.8	21.5	37.5	7.27	0.1	6.6	0.4	7.8	30.9
A257610	9.4	0.3	3	0.026	0.34	1.48	0.04	0.03	0.49	2.8	109	39.5	177	3.00	7.7	16.3	19.1	30.0	5.42	< 0.1	4.6	0.2	5.8	36.5
A257611	9.1	0.2	2	0.025	0.30	1.33	0.04	0.03	0.50	2.6	93	37.5	150	2.41	5.2	11.9	23.8	73.3	6.22	0.1	3.8	0.4	6.8	41.7
A257612	11.7	0.4	3	0.025	0.43	1.79	0.04	< 0.02	0.58	3.4	100	36.9	197	3.19	9.1	18.3	22.1	38.5	5.74	0.1	6.8	0.5	4.8	40.9
A257613	13.3	0.2	2	0.023	0.38	1.69	0.05	0.05	0.43	3.0	121	35.1	199	3.43	6.5	14.5	16.3	50.1	7.91	0.1	7.3	0.2	5.6	35.5
A257614	9.5	0.2	2	0.030	0.52	1.44	0.06	0.04	0.47	3.2	76	27.5	181	1.77	5.4	13.0	15.7	34.8	6.52	< 0.1	7.0	0.3	9.7	41.8
A257615	13.9	0.3	2	0.025	0.53	1.77	0.05	0.05	0.43	3.6	95	45.7	226	3.09	8.7	24.2	18.1	59.1	6.23	0.1	8.6	0.3	6.9	35.7
A257616	12.8	0.4	3	0.027	0.48	1.81	0.05	0.04	0.47	3.5	99	38.8	224	3.67	9.5	25.0	30.1	63.6	5.34	0.2	10.8	0.5	6.8	38.8
A257617	12.1	0.3	3	0.026	0.42	1.61	0.04	0.04	0.46	3.7	112	41.2	210	3.62	8.5	18.9	21.8	40.8	6.16	0.1	9.5	0.3	5.9	38.1
A257618	15.7	0.4	3	0.027	0.58	1.83	0.07	0.07	0.46	4.4	122	47.6	227	4.07	9.1	20.9	27.2	63.5	7.34	0.2	18.6	0.6	10.4	36.2
A257619	23.4	0.5	2	0.025	1.36	3.07	0.06	0.05	0.37	8.4	139	57.5	446	4.22	14.4	18.0	29.5	90.1	9.76	0.2	7.8	0.5	8.6	30.9
A257620	14.4	0.4	2	0.026	0.54	1.99	0.05	0.04	0.45	3.4	104	43.7	239	3.36	9.5	23.1	30.6	42.7	5.11	0.1	11.8	0.5	5.8	33.2
A257621	10.0	0.4	3	0.026	0.48	1.69	0.05	0.03	0.45	3.6	97	40.5	218	2.86	8.9	21.3	28.8	33.2	5.21	0.1	8.2	0.4	6.6	36.1
A257622	16.7	0.5	4	0.029	0.63	2.78	0.08	0.07	0.50	3.9	127	54.3	333	4.78	10.6	22.8	33.8	55.2	7.19	0.2	6.8	0.5	10.0	41.6
A257623	20.6	0.3	5	0.026	0.54	1.85	0.08	0.09	0.51	4.1	115	45.5	267	3.92	9.2	16.5	17.1	94.8	8.00	0.2	6.6	0.3	11.9	41.9
A257624	16.7	0.3	4	0.027	0.41	1.97	0.08	0.11	0.43	4.2	104	45.4	258	3.92	7.5	15.7	16.7	71.4	7.79	0.2	8.8	0.3	11.4	41.1
A257625	11.4	0.3	4	0.029	0.36	1.52	0.06	0.07	0.52	3.9	145	47.4	213	3.79	6.4	14.4	14.4	61.0	7.88	0.2	4.4	0.2	8.2	52.0
A257626	14.5	0.4	4	0.031	0.41	2.76	0.05	0.04	0.46	4.3	115	49.8	257	3.98	10.4	20.2	22.4	58.3	6.21	0.2	5.6	0.2	6.4	46.8
A257627	14.5	0.4	3	0.039	0.59	2.68	0.07	0.06	0.53	4.4	109	48.7	249	3.92	11.1	21.0	30.7	41.7	7.32	0.2	1.9	0.3	6.5	47.8
A257628	15.2	0.3	3	0.030	0.41	2.39	0.06	0.08	0.42	4.1	115	47.1	192	3.93	7.5	15.8	20.2	36.8	8.71	0.2	2.8	< 0.1	8.7	40.3
A257629	8.4	0.4	3	0.024	0.27	2.01	0.05	0.06	0.38	4.1	97	47.0	163	3.16	6.6	15.5	11.0	27.4	5.96	0.2	1.9	< 0.1	6.6	39.0
A257630	15.3	0.4	3	0.027	0.38	2.71	0.06	0.09	0.36	4.6	106	46.8	235	4.01	8.5	15.1	19.2	77.5	8.02	0.1	3.0	0.2	9.9	36.6
A257631	11.7	0.4	5	0.029	0.38	2.69	0.06	0.07	0.50	4.9	161	57.0	232	4.93	7.2	15.6	15.3	60.5	10.8	0.2	3.7	0.1	7.5	51.3
A257632	10.6	0.3	4	0.033	0.45	1.94	0.07	0.06	0.66	4.9	172	63.0	253	4.72	8.4	18.8	21.5	46.5	8.80	0.2	4.4	0.1	7.6	68.3
A257633	9.5	0.3	4	0.032	0.41	3.08	0.06	0.04	0.48	4.7	141	52.8	247	4.83	6.8	14.9	21.7	33.3	7.07	0.2	5.8	0.2	6.2	37.3
A257634	15.8	0.5	3	0.036	0.61	3.58	0.07	0.05	0.50	5.8	176	60.2	269	5.66	10.3	19.3	34.3	46.6	9.04	0.2	4.4	0.3	6.8	56.2
A257635	16.1	0.4	4	0.042	0.74	2.48	0.11	0.04	0.75	5.7	150	51.0	330	5.01	12.7	22.3	39.5	46.6	9.82	0.2	4.6	0.4	9.2	98.3
A257636	12.2	0.4	4	0.024	0.43	2.02	0.09	0.07	0.41	4.4	98	44.3	226	4.41	8.0	19.4	25.4	97.8	6.59	0.2	24.9	0.3	13.5	40.6
A257637	17.0	0.4	4	0.022	0.42	2.03	0.09	0.08	0.42	3.5	89	36.7	217	4.80	8.4	20.3	25.6	96.9	6.30	0.2	18.9	0.4	11.7	35.4
A257638	14.4	0.5	4	0.022	0.42	1.97	0.11	0.12	0.37	3.6	80	32.0	253	4.70	10.2	23.4	28.3	144	6.24	0.1	87.5	0.5	12.9	34.4
A257639	16.4	0.6	4	0.031	0.44	2.35	0.07	0.10	1.15	5.4	97	43.1	1020	3.57	15.8	25.6	29.6	109	7.32	0.1	9.5	0.6	10.5	78.4
A257640	14.8	0.3	5	0.024	0.46	1.96	0.11	0.11	0.47	4.5	102	40.0	383	4.09	10.2	22.1	21.0	79.4	7.28	0.1	18.9	0.3	12.3	52.3
A257641	14.3	0.3	4	0.025	0.44	2.07	0.10	0.13	0.44	4.1	102	40.7	223	4.15	9.5	22.5	25.8	63.0	6.73	0.1	44.0	0.4	12.1	45.5
A257642	12.6	0.3	3	0.025	0.37	1.75	0.10	0.12	0.54	3.9	100	39.1	388	3.19	10.1	13.7	14.0	107	7.62	0.1	14.0	< 0.1	12.9	46.1
A257643	12.3	0.5	4	0.030	0.48	2.03	0.10	0.22	0.62	4.6	109	44.5	316	4.23	12.8	24.9	25.0	69.3	6.30	0.2	28.2	0.3	10.7	53.8
A257644	10.1	0.3	4	0.025	0.50	1.60	0.10	0.12	0.56	3.7	101	37.9	329	3.83	10.3	22.8	29.9	47.9	5.75	0.1	30.9	0.2	13.1	45.9
A257645	10.9	0.2	3	0.024	0.31	1.57	0.08	0.06	0.50	3.5	117	40.6	192	3.34	6.2	13.5	12.4	46.9	6.96	0.1	10.6	0.1	9.4	45.2
A257646	14.9	0.3	3	0.025	0.35	1.63	0.07	0.11	0.50	3.9	120	43.1	212	4.09	7.8	15.1	16.6	60.8	7.60	0.1	14.3	0.1	13.1	45.2
A257647	27.6	0.4	3	0.036	0.48	2.21	0.07	0.14	1.07	4.4	90	36.5	284	3.38	11.4	21.2	21.8	71.0	7.28	0.1	17.4	1.0	7.9	69.5
A257648	7.7	0.2	4	0.027	0.38	1.33	0.05	0.04	0.58	3.4	92	40.3	184	2.89	6.4	15.7	18.4	25.3	5.20	0.1	13.0	< 0.1	6.7	49.5
A257649	12.1	0.2	6	0.025	0.27	1.54	0.05	0.07	0.45	3.3	123	34.4	151	3.38	5.6	9.6	10.3	31.7	8.54	0.1	5.8	< 0.1	10.1	42.8
A257650	15.1	0.5	3	0.022	0.41	2.13	0.06	0.05	0.48	4.2	129	49.7	225	4.41	9.9	18.7	21.7	41.4	7.04	0.2	7.3	0.3	7.8	35.4
A257651	12.2	0.3	4	0.032	0.42	1.88	0.06	0.04	0.65	4.3	115	40.5	229	3.41	7.7	15.6	16.6	28.0	6.93	0.1	3.9	0.1	5.7	54.9
A257652	14.6	0.4	4	0.027	0.35	1.86	0.06	0.05	0.55	4.0	137	49.4	204	4.16	7.8	14.7	14.1	57.5	7.80	0.1	7.3	0.2	9.4	45.1
A257653	12.4	0.3	4	0.027	0.37	1.65	0.06	0.04	0.59	3.9	118	41.8	214	3.62	7.6	16.2	15.8	37.2	6.82	0.1	6.8	0.4	10.8	49.6
A257654	9.5	0.3	4	0.030	0.42	1.83	0.05	0.03	0.52	3.7	107	45.2	207	3.50	8.1	18.8	22.7	31.6	6.21	0.1	3.8	< 0.1	5.3	44.8
A257655	13.3	0.3	5	0.028	0.45	1.51	0.07	0.04	0.56	3.8	116	42.3	227	3.84	8.4	18.7	21.9	38.4	6.45	0.1	10.0	< 0.1	10.0	46.0
A257656	10.5	0.4	4	0.039	0.46	1.63	0.07	0.05	0.98	4.5	88	42.1	369	2.89	9.0	20.5	24.4	36.0	5.59	0.2	7.4	0.7	8.4	71.4

Analyte Symbol	Li	Be	B	Na	Mg	Al	K	Bi	Ca	Sc	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Rb	Sr
Unit Symbol	ppm	ppm	ppm	%	%	%	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.1	0.1	1	0.001	0.01	0.01	0.01	0.02	0.01	0.1	1	0.5	1	0.01	0.1	0.1	0.01	0.1	0.02	0.1	0.1	0.1	0.1	0.5
Analysis Method	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
A257657	8.1	0.2	3	0.023	0.31	1.57	0.04	0.04	0.48	3.3	84	32.8	161	2.51	5.6	13.0	14.7	26.1	6.31	0.1	3.4	< 0.1	5.2	44.1
A257658	23.1	0.4	3	0.026	0.65	2.29	0.14	0.10	0.67	5.2	106	38.2	589	4.53	14.2	27.7	38.7	150	8.57	0.2	19.0	0.2	15.2	52.2
A257659	15.4	0.3	5	0.030	0.45	1.89	0.10	0.07	0.70	4.7	105	45.2	636	3.40	12.5	18.6	24.3	66.7	7.66	0.2	6.4	0.1	14.0	56.5
A257660	20.1	0.3	3	0.028	0.55	1.97	0.11	0.06	0.70	4.3	96	45.5	470	3.19	11.7	18.2	35.4	51.4	7.18	0.1	5.2	< 0.1	9.8	57.4
A257661	6.6	0.3	3	0.025	0.19	1.39	0.05	0.06	0.53	3.3	92	34.5	148	2.42	4.6	11.7	16.5	25.0	7.00	0.1	2.4	< 0.1	5.2	49.3
A257662	8.8	0.3	3	0.030	0.35	1.66	0.06	0.05	0.94	3.7	91	39.9	430	2.48	8.4	18.2	33.7	39.8	6.36	0.1	2.3	0.3	6.1	62.6
A257663	7.2	0.1	5	0.031	0.39	1.37	0.06	0.04	0.95	3.4	83	38.5	348	2.36	7.3	18.1	20.5	30.3	5.02	0.1	2.4	0.3	5.8	57.5
A257664	9.5	0.2	4	0.029	0.40	1.57	0.07	0.03	0.92	4.1	100	39.6	236	2.85	8.0	17.3	19.6	31.3	6.13	0.1	3.3	0.2	7.8	61.7
A257665	6.4	0.2	3	0.022	0.31	1.49	0.07	0.04	0.53	3.5	88	36.3	184	2.59	5.3	12.8	20.6	28.8	6.61	0.1	2.9	0.2	6.2	46.7
A257666	14.3	0.3	4	0.040	0.40	1.65	0.07	0.05	1.40	4.3	93	43.1	478	2.79	9.3	22.5	35.9	44.1	6.06	0.1	2.6	0.7	8.1	81.6
A257667	9.3	0.2	4	0.033	0.45	1.54	0.07	0.04	0.91	4.6	101	41.1	257	2.80	8.2	18.4	17.0	37.8	6.08	0.1	2.6	0.1	5.5	62.9
A257668	12.6	0.3	4	0.043	0.47	1.64	0.09	0.06	1.28	5.4	94	53.7	513	3.06	10.3	23.6	30.4	47.9	5.67	0.1	3.1	0.4	7.4	71.7
A257669	10.6	0.2	4	0.037	0.38	1.29	0.06	0.04	1.09	4.2	93	41.8	317	2.62	7.4	18.5	26.3	40.0	5.41	0.1	2.7	0.2	5.0	69.4
A257670	7.9	0.2	3	0.031	0.30	1.06	0.06	0.04	1.59	2.9	79	36.3	335	2.21	6.8	16.9	28.7	30.1	4.45	0.1	1.6	0.8	5.0	76.1
A257671	11.0	0.3	3	0.024	0.35	1.85	0.06	0.06	0.49	4.1	101	45.4	258	3.26	7.3	16.5	24.5	43.4	7.30	0.1	3.3	0.2	9.9	43.6
A257672	12.6	0.2	5	0.030	0.26	1.31	0.04	0.05	1.51	3.2	80	36.5	391	2.35	6.1	14.2	24.2	30.1	6.17	0.1	1.7	1.0	5.9	85.5
A257673	14.4	0.3	3	0.030	0.35	1.70	0.06	0.06	0.75	5.1	101	44.6	251	2.91	7.2	16.9	37.8	38.8	6.41	0.2	2.8	0.4	7.5	56.1
A257674	9.8	0.3	3	0.039	0.40	1.56	0.07	0.06	1.76	4.1	71	62.6	501	2.57	10.8	23.3	63.9	28.4	4.89	0.2	6.1	1.2	5.2	83.0
A257675	6.8	0.2	4	0.039	0.38	1.10	0.08	0.06	1.25	4.0	108	52.4	308	3.13	7.3	16.5	19.6	28.2	4.82	0.2	3.5	0.7	5.3	64.9
A257676	9.9	0.2	4	0.032	0.32	1.36	0.04	0.04	1.23	2.8	85	32.7	191	2.28	5.5	12.3	17.8	22.8	6.81	0.2	2.3	0.5	4.8	68.6
A257677	4.6	0.2	3	0.024	0.19	1.26	0.04	0.03	0.63	2.7	84	32.7	129	2.19	3.6	9.4	26.7	18.9	6.15	0.1	2.1	0.2	5.5	56.7
A257678	15.1	0.2	3	0.021	0.36	1.76	0.08	0.10	0.41	3.4	85	34.3	206	3.02	5.6	11.0	13.2	85.2	7.74	0.1	12.2	< 0.1	11.0	37.0
A257679	14.0	0.6	4	0.025	0.55	2.23	0.10	0.13	0.43	4.2	93	39.8	306	4.98	11.4	25.8	38.1	84.7	5.97	0.2	53.9	0.6	14.1	36.8
A257680	16.6	0.3	5	0.026	0.56	2.00	0.09	0.08	0.53	4.6	107	50.2	334	4.01	10.2	19.0	21.5	109	7.66	0.2	12.0	0.4	11.6	45.8
A257681	19.2	0.5	3	0.025	0.52	2.09	0.10	0.08	0.44	4.7	102	49.7	245	4.02	8.3	17.3	19.9	88.2	7.70	0.2	11.0	0.2	13.1	40.8
A257682	10.2	0.3	3	0.020	0.34	1.59	0.11	0.10	0.43	2.9	84	33.5	225	3.66	6.7	13.3	17.1	80.0	6.53	0.2	26.6	0.2	13.8	38.2
A257683	13.5	0.4	3	0.024	0.49	1.88	0.09	0.07	0.45	3.6	86	36.7	221	3.18	7.1	15.2	20.5	54.9	6.85	0.2	17.7	0.2	10.8	39.8
A257684	7.5	0.2	3	0.027	0.44	1.50	0.10	0.07	0.50	3.7	84	33.5	203	2.56	5.5	12.5	20.0	48.9	7.02	0.1	16.8	0.1	12.1	46.8
A257685	12.9	0.3	4	0.027	0.47	1.89	0.10	0.08	0.49	4.2	105	50.0	256	4.00	8.3	18.3	22.0	93.5	7.16	0.2	17.9	0.2	13.6	47.7
A257686	18.1	0.4	4	0.026	0.65	2.11	0.13	0.11	0.45	4.5	109	50.4	408	3.91	10.9	22.0	30.4	99.9	7.95	0.2	14.5	0.4	11.8	49.5
A257687	19.2	0.5	3	0.024	0.68	2.44	0.10	0.12	0.39	3.7	73	48.1	321	3.87	10.4	25.3	28.7	106	6.25	0.2	20.6	0.6	12.2	39.5
A257688	14.1	0.3	3	0.027	0.33	1.71	0.08	0.10	0.41	3.5	90	35.6	216	3.19	6.6	13.9	14.9	118	7.07	0.2	13.1	0.3	11.9	38.2
A257689	10.0	0.2	3	0.019	0.28	1.44	0.15	0.13	0.34	2.4	74	28.1	128	3.13	5.1	22.5	23.6	63.3	6.20	0.2	18.8	0.5	14.4	31.9
A257690	18.0	0.4	4	0.024	0.55	2.01	0.10	0.13	0.40	3.7	97	40.4	305	4.64	11.5	20.5	21.6	90.8	7.37	0.3	17.4	0.3	13.3	36.7
A257691	21.4	0.5	3	0.026	0.70	2.14	0.11	0.12	0.48	4.5	106	42.1	375	4.28	12.1	17.3	19.5	138	7.77	0.2	16.5	0.2	11.2	38.6
A257692	5.5	0.2	3	0.018	0.19	1.10	0.09	0.10	0.36	2.2	66	28.0	126	2.09	4.0	9.6	11.6	54.5	5.68	0.2	8.1	0.3	10.8	37.9
A257693	14.5	0.4	3	0.022	0.36	1.91	0.09	0.12	0.47	3.0	73	32.6	245	3.75	9.0	21.3	20.4	91.2	5.66	0.2	24.3	0.4	11.0	43.2
A257694	12.0	0.3	3	0.021	0.31	1.62	0.09	0.13	0.40	2.7	75	30.6	175	3.36	5.4	12.8	12.8	81.9	7.19	0.2	24.9	0.2	12.3	42.5
A257695	12.4	0.3	4	0.025	0.42	1.94	0.10	0.08	0.47	3.6	92	35.0	269	3.34	8.6	16.0	22.3	87.7	6.46	0.2	14.9	0.3	12.9	45.7
A257696	12.7	0.3	4	0.025	0.42	1.79	0.09	0.09	0.47	3.7	100	34.6	280	4.03	8.8	18.3	22.6	60.9	7.22	0.2	21.7	0.2	12.7	46.3
A257697	15.1	0.3	3	0.024	0.38	1.80	0.09	0.12	0.39	3.6	87	35.4	274	3.37	7.4	13.7	13.2	106	7.91	0.2	12.8	0.1	12.8	37.8
A257698	12.6	0.4	3	0.022	0.43	1.85	0.09	0.14	0.31	2.7	74	38.0	201	4.60	7.3	23.5	32.4	100	5.81	0.2	32.2	0.7	13.1	29.0
A257699	9.4	0.6	3	0.021	0.22	2.28	0.06	0.14	0.35	3.8	69	24.6	83	2.61	4.2	9.0	23.2	61.9	8.07	0.2	15.6	0.2	8.7	41.5
A257700	13.0	0.4	5	0.027	0.45	1.59	0.09	0.09	0.54	3.4	95	39.6	265	3.28	7.1	15.3	18.8	73.0	6.96	0.2	12.0	0.3	13.9	46.5
A257701	12.8	0.3	3	0.020	0.46	1.84	0.07	0.10	0.48	3.6	88	36.6	308	2.96	8.0	16.6	23.6	70.6	7.48	0.2	12.1	0.1	10.6	39.2
A257702	9.7	0.2	3	0.040	0.49	1.52	0.07	0.07	1.00	4.5	85	40.0	919	2.31	8.9	17.4	44.0	30.8	5.87	0.2	2.5	0.2	7.3	61.4
A257703	11.0	0.3	3	0.035	0.42	1.51	0.06	0.07	0.98	4.8	72	41.1	468	1.99	7.0	17.2	44.1	34.0	5.76	0.2	1.9	0.4	8.5	62.6
A257704	9.9	0.3	4	0.032	0.46	1.57	0.06	0.09	0.89	4.2	85	39.8	290	2.20	7.4	15.7	29.3	31.3	6.61	0.2	1.5	< 0.1	8.1	61.5
A257705	5.9	0.2	3	0.032	0.38	1.00	0.05	0.05	0.76	3.3	67	32.5	249	1.69	5.3	11.2	23.1	33.5	4.79	0.2	2.3	< 0.1	6.5	54.9
A257706	16.4	0.2	4	0.023	0.43	1.69	0.06	0.10	0.73	3.6	116	46.9	332	3.42	10.4	17.5	19.6	63.6	8.52	0.2	3.3	0.2	8.9	48.8
A257707	7.9	0.3	3	0.029	0.34	1.49	0.05	0.05	0.62	3.4	96	37.6	204	2.60	6.1	13.7	14.2	33.7	5.86	0.2	2.6	< 0.1	6.2	51.4
A257708	6.5	0.2	4	0.033	0.37	1.32	0.04	0.05	0.83	4.0	63	32.4	227	1.61	5.9	14.9	40.1	22.6	5.33	0.2	1.2	< 0.1	5.5	62.7

Analyte Symbol	Li	Be	B	Na	Mg	Al	K	Bi	Ca	Sc	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Rb	Sr
Unit Symbol	ppm	ppm	ppm	%	%	%	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.1	0.1	1	0.001	0.01	0.01	0.01	0.02	0.01	0.1	1	0.5	1	0.01	0.1	0.1	0.01	0.1	0.02	0.1	0.1	0.1	0.1	0.5
Analysis Method	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
A257709	8.1	0.2	3	0.032	0.30	1.33	0.04	0.06	0.90	3.6	74	28.4	162	1.91	4.6	10.5	19.6	20.9	6.73	0.2	1.1	< 0.1	5.5	59.3
A257710	9.7	0.2	3	0.025	0.28	1.40	0.04	0.05	0.48	3.0	98	35.6	170	2.88	5.4	11.3	12.1	24.5	5.70	0.2	2.8	< 0.1	5.9	41.0
A257711	10.7	0.5	4	0.044	0.50	1.91	0.06	0.08	1.27	4.4	86	40.6	507	2.65	8.9	23.1	66.6	39.4	6.41	0.2	2.8	0.5	7.9	64.3
A257712	7.7	0.4	3	0.029	0.25	1.52	0.04	0.07	0.68	3.9	61	29.4	152	1.74	4.8	9.9	35.2	28.4	6.43	0.2	1.1	< 0.1	5.4	60.9
A257713	12.3	0.3	3	0.027	0.34	1.65	0.04	0.06	0.54	3.3	91	32.1	179	2.50	6.5	16.8	19.9	21.7	6.14	0.2	2.9	< 0.1	5.0	45.4
A257714	11.6	0.3	3	0.030	0.30	1.63	0.05	0.07	0.67	3.9	113	41.0	185	3.26	6.3	13.6	13.1	27.3	7.38	0.2	2.8	0.1	8.3	59.0
A257715	11.6	0.3	4	0.031	0.36	1.69	0.06	0.06	0.60	3.6	97	42.6	247	3.13	8.0	15.1	16.2	33.6	6.72	0.2	2.2	< 0.1	8.2	52.5
A257716	11.3	0.4	3	0.026	0.35	1.79	0.06	0.08	0.60	4.1	98	39.7	201	3.16	7.8	16.2	18.7	41.2	7.03	0.2	3.5	< 0.1	8.3	53.2
A257717	8.4	0.3	3	0.023	0.21	1.46	0.05	0.07	0.52	3.2	83	31.9	164	2.37	5.2	9.5	10.7	36.0	7.03	0.2	1.9	0.2	9.8	49.4
A257718	9.0	0.3	4	0.024	0.35	1.70	0.06	0.07	0.68	3.7	99	40.3	246	3.11	9.4	17.8	18.4	59.3	6.50	0.2	3.1	0.1	8.7	52.3
A257719	11.6	0.4	4	0.027	0.33	1.95	0.06	0.07	0.56	4.0	106	43.3	282	3.38	8.6	16.6	13.9	59.7	7.07	0.2	4.2	0.2	9.0	49.8
A257720	12.6	0.3	3	0.020	0.39	1.73	0.06	0.07	0.47	3.7	108	41.5	209	3.75	8.0	17.3	19.0	61.1	6.99	0.2	12.6	0.2	9.7	40.9
A257721	17.3	0.2	3	0.019	0.34	1.60	0.07	0.10	0.44	3.3	102	37.8	200	3.18	6.7	14.6	13.9	85.5	7.52	0.2	17.4	0.1	11.7	42.1
A257722	8.6	0.3	3	0.023	0.40	1.67	0.06	0.06	0.52	3.6	95	39.1	227	2.85	7.7	15.9	19.9	40.8	6.23	0.2	4.0	0.2	7.3	43.3
A257723	8.7	0.3	4	0.030	0.38	1.57	0.06	0.05	0.66	3.9	90	37.1	203	2.39	6.0	13.4	17.3	27.5	6.44	0.2	2.5	< 0.1	7.6	59.6
A257724	8.0	0.3	3	0.027	0.31	1.46	0.05	0.05	0.57	3.4	82	37.1	165	2.13	4.8	10.6	14.9	21.2	6.92	0.2	2.5	0.1	6.7	54.5
A257725	10.9	0.3	4	0.027	0.43	1.70	0.05	0.05	0.60	3.8	92	42.6	204	2.72	7.5	14.6	18.2	28.2	6.38	0.2	3.1	0.1	6.5	51.1
A257726	15.4	0.3	3	0.035	0.49	2.10	0.05	0.07	1.00	4.3	94	44.4	243	2.79	10.2	21.1	34.6	30.6	7.66	0.3	3.0	0.5	4.8	70.2
A257727	13.0	0.4	3	0.039	0.44	1.74	0.05	0.07	1.37	4.2	87	49.1	372	2.65	9.1	22.1	50.4	49.0	6.70	0.3	3.0	0.8	5.3	77.9
A257728	9.1	0.1	4	0.029	0.40	1.41	0.06	0.06	0.66	3.6	99	40.2	224	2.90	7.1	15.1	15.8	34.1	6.56	0.2	3.7	< 0.1	7.3	59.3
A257729	12.9	0.3	3	0.026	0.35	1.78	0.05	0.07	0.56	3.9	91	42.7	188	2.56	6.7	13.5	18.5	32.2	7.23	0.2	2.2	0.2	10.9	58.3
A257730	9.3	0.3	5	0.032	0.35	1.65	0.05	0.05	0.67	3.8	100	38.3	196	2.99	7.0	13.7	17.0	25.3	6.58	0.2	3.4	0.2	6.9	59.0
A257731	12.9	0.3	4	0.049	0.43	1.85	0.06	0.07	1.68	3.8	89	36.9	574	2.66	10.7	20.9	53.4	27.9	6.52	0.3	2.9	1.0	8.7	81.3
A257732	12.8	0.4	4	0.043	0.57	1.88	0.07	0.08	1.17	6.4	100	46.1	614	2.98	11.2	23.9	62.3	41.2	6.76	0.2	2.2	0.6	8.2	76.6
A257733	13.7	0.3	6	0.040	0.42	1.74	0.05	0.04	1.59	4.1	81	41.5	318	2.22	9.0	17.8	49.5	29.5	5.44	0.2	1.5	1.4	5.9	82.5
A257734	5.9	0.1	4	0.027	0.33	1.28	0.04	0.06	0.60	2.8	63	28.3	169	1.58	5.6	9.9	20.4	20.0	6.01	0.2	1.5	< 0.1	5.4	60.4
A257735	19.5	1.1	3	0.037	0.41	2.71	0.05	0.11	2.02	6.1	80	58.6	533	2.84	9.9	37.6	212	32.5	5.92	0.3	5.4	1.9	6.3	83.1
A257736	12.7	0.3	4	0.033	0.44	1.80	0.06	0.10	1.14	4.6	101	40.6	713	2.89	13.0	16.9	35.4	34.2	7.41	0.2	1.8	0.2	8.6	66.2
A257737	10.9	0.3	4	0.023	0.35	1.64	0.05	0.05	0.61	3.4	107	38.8	191	3.30	7.0	14.2	15.7	27.7	6.61	0.2	2.9	0.4	7.2	46.6
A257738	8.1	0.2	4	0.027	0.33	1.25	0.04	0.06	1.13	2.8	69	27.3	579	1.75	6.6	11.5	28.4	30.9	6.13	0.2	0.6	0.3	6.4	66.9
A257739	7.6	0.2	3	0.034	0.35	1.22	0.05	0.05	0.92	3.1	67	27.2	207	1.62	5.0	9.7	17.0	23.8	5.93	0.2	1.2	< 0.1	8.0	67.9
A257740	11.0	0.2	3	0.035	0.42	1.66	0.05	0.05	0.71	3.5	87	34.8	209	2.33	7.0	16.6	17.4	32.7	6.85	0.2	2.4	< 0.1	5.4	53.4
A257741	4.3	0.1	3	0.028	0.18	0.89	0.04	0.04	0.75	2.1	48	19.7	111	1.14	2.7	6.3	15.6	12.0	5.17	0.2	1.7	< 0.1	4.3	61.5
A257742	7.3	0.6	3	0.033	0.36	1.63	0.05	0.09	1.81	3.0	63	37.8	317	1.98	9.8	19.5	93.0	26.0	6.70	0.2	1.2	0.4	5.9	97.7
A257743	5.0	0.6	3	0.021	0.23	1.38	0.03	0.07	2.61	0.9	58	27.1	1610	1.76	8.8	26.6	161	13.8	4.19	0.3	1.4	1.7	4.1	91.2
A257744	7.6	0.2	3	0.028	0.28	1.30	0.03	0.06	0.58	2.9	80	28.8	148	1.90	4.4	10.5	15.2	21.1	5.96	0.2	< 0.1	0.3	4.9	52.5
A257745	7.8	0.3	5	0.031	0.38	1.43	0.05	0.04	0.76	3.2	98	36.0	199	2.71	6.7	15.3	14.7	22.2	5.38	0.2	2.1	0.4	4.6	58.8
A257746	7.9	0.3	3	0.032	0.37	1.50	0.04	0.06	0.68	3.2	59	27.2	161	1.44	4.7	10.6	18.1	22.7	6.72	0.2	< 0.1	0.2	4.6	55.5
A257747	8.8	0.4	3	0.028	0.27	1.78	0.04	0.06	0.51	3.6	95	38.1	143	2.92	5.4	11.7	14.0	24.1	6.16	0.2	2.8	0.2	4.1	48.0
A257748	10.7	0.3	3	0.029	0.35	1.83	0.05	0.06	0.55	3.8	108	47.7	185	3.14	6.3	15.9	17.2	54.1	6.49	0.2	4.0	0.3	6.9	47.5
A257749	15.8	0.4	5	0.034	0.43	2.32	0.07	0.08	0.61	4.7	121	44.5	242	4.02	9.3	16.5	19.7	69.3	8.80	0.3	2.7	0.4	10.7	46.1
A257750	4.4	0.4	4	0.024	0.16	1.03	0.03	0.05	3.41	1.0	41	22.8	1200	1.33	5.4	20.8	79.6	18.5	3.76	0.3	3.7	3.4	4.6	153
A257751	12.3	0.3	4	0.028	0.43	1.82	0.05	0.07	0.56	3.7	122	53.5	233	3.95	7.4	18.8	20.6	41.1	6.60	0.3	7.2	0.3	7.7	45.8
A257752	11.9	0.2	5	0.028	0.39	1.47	0.08	0.06	0.86	3.8	83	33.1	264	2.25	6.7	12.2	17.1	42.7	6.77	0.2	4.7	0.3	13.3	57.3
A257753	7.5	0.3	4	0.031	0.25	1.43	0.04	0.06	0.78	3.3	83	33.1	171	2.25	5.4	9.2	14.8	23.9	6.39	0.2	1.4	0.5	5.9	62.0
A257754	9.8	0.3	5	0.033	0.40	1.83	0.05	0.07	0.69	4.0	101	41.9	223	2.97	8.3	16.3	16.9	32.7	6.66	0.2	3.2	0.4	5.9	62.9
A257755	12.3	0.3	4	0.037	0.54	1.63	0.07	0.07	1.69	4.2	100	38.6	461	3.07	10.5	14.7	33.6	33.3	6.32	0.2	4.6	1.2	14.4	90.2
A257756	5.1	0.2	4	0.030	0.28	1.13	0.04	0.05	0.64	2.1	57	25.6	151	1.38	3.6	8.5	19.8	19.4	5.19	0.2	0.1	< 0.1	3.9	52.2
A257757	5.2	0.2	4	0.032	0.42	1.05	0.05	0.04	0.77	3.0	79	31.6	278	1.73	5.2	10.1	15.1	21.2	5.45	0.2	1.7	0.2	4.6	56.6
A257758	6.6	0.2	4	0.034	0.41	1.11	0.05	0.05	0.92	3.4	77	32.5	246	1.78	5.5	12.7	18.9	22.6	5.26	0.2	1.3	0.2	5.9	63.1
A257759	7.7	0.2	7	0.038	0.42	1.32	0.05	0.03	0.82	3.7	54	27.1	306	1.40	5.1	13.5	19.8	21.2	4.58	0.2	< 0.1	0.2	4.4	56.8
A257760	11.1	0.6	4	0.033	0.58	2.52	0.11	0.11	1.38	4.8	102	45.1	553	3.19	12.1	27.2	62.2	30.9	8.08	0.3	1.9	0.5	10.3	82.5

Analyte Symbol	Li	Be	B	Na	Mg	Al	K	Bi	Ca	Sc	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Rb	Sr
Unit Symbol	ppm	ppm	ppm	%	%	%	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.1	0.1	1	0.001	0.01	0.01	0.01	0.02	0.01	0.1	1	0.5	1	0.01	0.1	0.1	0.01	0.1	0.02	0.1	0.1	0.1	0.1	0.5
Analysis Method	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
A257761	18.6	0.3	4	0.029	0.66	2.00	0.12	0.14	0.46	4.0	106	46.1	356	4.27	11.9	19.8	31.9	99.3	8.60	0.3	11.6	0.3	12.7	125
A257762	13.9	0.5	4	0.026	0.47	1.69	0.09	0.11	0.53	3.7	108	42.0	240	3.94	8.3	17.7	17.8	69.7	6.40	0.3	27.8	0.3	11.1	44.9
A257763	13.3	0.3	3	0.028	0.40	1.75	0.10	0.13	0.44	3.6	100	39.6	305	3.90	7.5	15.0	14.0	82.5	7.42	0.3	17.6	0.4	14.1	42.7
A257764	12.7	0.4	4	0.027	0.47	2.01	0.10	0.10	0.47	3.4	81	35.1	267	3.75	8.7	19.7	19.4	77.6	5.86	0.3	28.0	0.4	11.4	40.5
A257765	12.6	0.4	3	0.030	0.37	1.65	0.09	0.11	0.67	3.9	75	34.9	321	2.88	8.4	18.8	25.2	52.1	5.43	0.3	19.2	0.5	8.3	54.2
A257766	13.2	0.4	5	0.027	0.39	1.63	0.08	0.09	0.56	3.8	104	40.2	204	3.48	9.0	17.6	16.5	72.1	6.20	0.2	12.2	0.3	13.4	44.5
A257767	12.6	0.2	3	0.025	0.45	1.52	0.08	0.12	0.53	3.6	106	45.8	330	3.59	9.6	18.0	15.4	73.9	6.93	0.2	10.4	0.3	17.0	46.5
A257768	10.8	0.2	4	0.025	0.33	1.35	0.09	0.11	0.48	3.0	95	37.5	447	2.93	7.8	11.3	9.19	93.6	7.22	0.2	3.9	0.3	19.7	42.4
A257769	20.5	0.2	3	0.030	1.08	2.14	0.15	0.11	0.45	5.9	133	45.8	556	4.32	13.6	16.7	26.9	135	9.82	0.3	26.7	0.6	29.8	39.3
A257770	13.6	0.3	3	0.027	0.32	1.70	0.08	0.10	0.53	3.6	101	36.3	196	3.48	5.6	14.0	11.9	68.6	7.81	0.3	7.5	0.3	14.0	44.0
A257771	8.2	0.3	5	0.031	0.38	1.68	0.06	0.05	0.53	3.5	99	39.7	218	3.01	8.0	17.2	19.3	40.5	5.78	0.2	5.0	< 0.1	6.9	45.8
A257772	13.4	0.3	4	0.027	0.33	1.69	0.07	0.09	0.51	3.6	117	39.2	184	3.30	5.7	11.1	12.5	50.4	8.01	0.3	6.8	0.3	12.1	47.6
A257773	8.2	0.2	4	0.027	0.39	1.41	0.06	0.05	0.62	3.4	103	36.8	224	3.02	8.7	18.2	23.6	30.4	5.03	0.3	6.6	0.4	6.7	44.6
A257774	13.8	0.4	4	0.026	0.48	1.91	0.07	0.09	0.49	3.8	99	42.9	234	4.01	9.9	19.8	20.9	35.5	6.32	0.2	13.1	0.3	9.4	42.4
A257775	12.3	0.3	3	0.025	0.36	1.91	0.06	0.13	0.54	3.6	96	32.8	142	2.90	6.0	10.6	14.1	27.9	8.14	0.2	9.3	0.4	6.4	46.2
A257776	4.6	0.3	6	0.029	0.14	0.97	0.03	0.06	4.21	1.0	48	23.0	609	1.63	6.4	22.9	70.2	25.7	3.71	0.3	2.5	4.1	4.0	220
A257777	9.0	0.2	4	0.026	0.29	1.46	0.08	0.17	0.50	3.6	98	34.9	246	3.28	6.8	13.7	12.9	69.3	6.75	0.2	16.5	0.2	17.1	47.1
A257778	10.6	0.3	4	0.029	0.42	1.80	0.05	0.05	0.53	3.6	101	44.0	213	3.51	8.2	18.4	23.6	28.7	5.90	0.2	9.0	0.2	6.8	46.7
A257779	29.8	0.3	3	0.037	0.50	1.56	0.06	0.14	1.44	3.8	96	43.9	390	3.30	10.3	19.6	25.8	66.8	5.44	0.2	13.1	0.9	10.3	99.6
A257780	11.6	0.3	4	0.027	0.36	1.72	0.05	0.06	0.51	3.3	113	40.8	293	3.93	7.9	16.2	15.9	38.3	6.41	0.3	6.1	0.2	6.1	40.3
A257781	20.9	0.3	4	0.031	0.39	1.87	0.05	0.09	0.57	3.7	83	36.8	271	2.57	9.1	18.8	20.6	94.8	6.71	0.2	4.4	0.1	7.9	49.9
A257782	14.1	0.5	4	0.025	0.31	2.25	0.09	0.11	0.42	3.9	94	36.0	192	3.48	6.4	12.1	16.7	79.7	7.89	0.2	5.8	0.4	15.3	37.4
A257783	13.0	0.3	5	0.026	0.40	1.73	0.06	0.09	0.46	3.5	114	40.7	284	3.59	7.0	16.3	18.1	74.2	7.21	0.2	10.6	0.3	7.9	38.0
A257784	15.4	0.2	4	0.029	0.47	1.73	0.09	0.07	0.82	3.5	84	32.7	194	2.53	7.1	15.8	18.9	50.0	6.76	0.2	8.8	0.4	13.5	63.0
A257785	16.4	0.4	3	0.025	0.40	2.51	0.12	0.12	0.87	2.3	48	21.8	148	2.88	7.8	14.2	11.8	103	6.53	0.3	51.0	0.6	16.3	64.2
A257786	22.5	0.6	7	0.029	0.73	3.06	0.09	0.13	0.50	4.9	133	48.4	372	6.43	15.6	27.3	61.0	121	9.39	0.3	20.5	0.7	11.9	42.9
A257787	14.5	0.6	4	0.034	0.33	2.04	0.07	0.08	1.96	5.3	87	44.6	403	2.88	9.9	27.0	75.3	35.4	6.36	0.3	3.6	1.6	5.9	95.9
A257788	10.0	0.2	4	0.027	0.37	1.51	0.09	0.09	0.68	3.4	94	36.0	186	3.02	6.4	12.3	18.7	30.6	6.58	0.2	3.4	0.3	6.8	50.2
A257789	6.2	0.2	4	0.027	0.23	1.44	0.05	0.05	0.56	3.2	99	36.6	151	2.65	4.8	11.3	18.5	25.8	6.34	0.3	2.5	0.5	5.1	49.2
A257790	8.4	0.3	3	0.031	0.43	1.79	0.08	0.06	0.85	2.1	75	34.0	266	2.15	7.2	17.0	37.6	39.3	6.99	0.2	< 0.1	0.2	10.1	62.0
A257791	7.0	0.3	3	0.039	0.45	1.59	0.08	0.06	1.01	3.1	74	34.8	463	2.11	8.0	16.4	28.3	31.0	6.49	0.2	0.3	0.2	9.2	69.6
A257792	4.5	0.3	4	0.024	0.22	1.34	0.09	0.07	0.70	3.0	76	33.5	143	2.05	4.0	10.6	25.7	31.6	7.11	0.2	1.9	0.3	7.9	60.5
A257793	10.1	0.4	3	0.030	0.37	1.64	0.06	0.06	0.78	3.6	79	35.5	189	2.45	6.8	17.2	45.2	30.4	6.51	0.2	1.6	0.2	6.3	58.4
A257794	12.9	0.2	4	0.046	0.60	1.62	0.14	0.15	1.75	3.9	103	44.8	575	3.27	11.7	16.8	34.0	39.6	6.11	0.3	4.0	1.1	13.9	78.4
A257795	11.5	0.3	5	0.033	0.61	1.79	0.13	0.10	1.73	4.3	99	42.3	472	2.93	11.1	21.2	44.5	59.8	7.74	0.3	2.8	0.8	12.1	82.2
A257796	15.2	0.3	4	0.041	0.55	1.76	0.11	0.12	1.44	4.9	95	51.0	597	3.29	12.6	27.9	45.4	56.4	6.41	0.3	4.1	0.9	10.0	71.9
A257797	7.6	0.4	4	0.029	0.27	1.51	0.06	0.08	2.37	3.9	86	39.0	551	2.47	9.3	29.3	89.5	60.0	6.09	0.3	2.8	1.2	7.2	104
A257798	11.9	0.3	4	0.033	0.53	1.85	0.10	0.09	1.25	4.4	99	43.7	757	3.04	12.3	24.6	47.4	53.3	7.17	0.2	2.6	0.3	12.4	76.1
A257799	9.6	0.5	4	0.032	0.54	2.05	0.09	0.09	1.19	4.1	99	47.0	811	2.97	10.9	26.8	53.9	43.1	7.08	0.2	3.3	0.3	9.5	74.3
A257800	11.9	0.3	5	0.041	0.51	1.75	0.09	0.09	1.73	5.2	121	53.1	617	3.38	13.2	24.7	49.5	46.5	6.91	0.3	3.2	0.7	12.2	85.4
A257801	10.4	0.3	3	0.033	0.42	1.50	0.07	0.07	1.22	3.5	90	37.3	523	2.71	9.1	18.0	29.2	33.9	6.03	0.2	2.7	0.4	7.8	63.3
A257802	14.4	0.3	4	0.033	0.55	1.91	0.10	0.13	1.79	4.7	108	47.7	830	3.57	15.5	29.5	67.2	45.1	8.23	0.3	5.2	0.7	12.3	80.7
A257803	0.7	0.4	5	0.021	0.11	0.59	0.02	0.02	5.50	0.2	14	15.0	818	0.57	3.7	28.6	107	33.4	2.16	0.3	0.7	4.5	0.9	161
A257804	4.2	0.3	2	0.042	0.40	1.19	0.06	0.05	1.48	1.8	79	25.0	466	2.34	10.8	11.7	38.8	31.7	5.58	0.2	0.1	0.3	5.7	78.3
A257805	8.1	0.3	4	0.041	0.37	1.16	0.05	0.06	1.39	3.3	92	39.3	513	2.52	8.1	15.4	30.1	26.1	5.08	0.2	1.8	0.6	6.2	73.3
A257806	9.2	0.2	4	0.036	0.41	1.38	0.06	0.06	1.26	3.4	84	35.5	355	2.28	9.1	17.0	24.3	36.2	5.90	0.2	1.2	0.4	8.2	70.8
A257807	7.4	0.3	4	0.039	0.42	1.14	0.05	0.05	1.21	3.4	103	43.1	446	2.67	8.1	16.4	24.0	44.6	5.32	0.3	3.0	0.6	6.6	63.3
A257808	0.5	0.3	4	0.017	0.10	0.56	0.01	< 0.02	4.55	0.2	11	9.6	408	0.47	1.7	11.0	47.8	21.7	1.63	0.4	< 0.1	4.1	0.6	138
A257809	1.1	0.4	4	0.021	0.13	0.69	0.03	0.05	4.14	0.3	21	14.6	1310	0.91	5.7	21.9	111	18.3	2.50	0.3	2.1	3.3	2.2	140
A257810	11.1	0.2	3	0.051	0.58	1.30	0.09	0.06	1.09	3.0	134	49.9	400	3.19	12.7	16.4	31.5	33.2	6.81	0.2	1.3	0.3	7.7	66.1
A257811	7.4	0.2	3	0.028	0.32	1.11	0.03	0.04	0.65	2.5	97	32.4	157	2.00	4.5	10.9	15.6	23.9	5.83	0.2	1.8	0.2	2.6	48.1
A257812	8.9	0.2	5	0.033	0.39	1.13	0.04	0.03	0.74	2.5	67	27.8	185	1.75	6.2	11.8	20.0	30.7	5.06	0.2	0.5	0.4	3.8	51.7

Analyte Symbol	Li	Be	B	Na	Mg	Al	K	Bi	Ca	Sc	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Rb	Sr
Unit Symbol	ppm	ppm	ppm	%	%	%	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.1	0.1	1	0.001	0.01	0.01	0.01	0.02	0.01	0.1	1	0.5	1	0.01	0.1	0.1	0.01	0.1	0.02	0.1	0.1	0.1	0.1	0.5
Analysis Method	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
A257813	7.9	0.2	4	0.023	0.33	1.22	0.03	0.05	0.55	2.7	76	30.2	169	1.97	4.6	10.1	15.1	21.9	5.70	0.2	1.7	0.1	4.1	39.4
A257814	3.4	0.3	3	0.025	0.20	1.23	0.04	0.08	0.54	1.7	45	25.0	105	1.05	3.5	8.9	36.9	22.0	6.92	0.2	< 0.1	0.2	4.1	58.1
A257815	11.3	0.3	3	0.034	0.63	1.73	0.06	0.08	0.75	4.0	168	40.6	290	3.85	9.5	15.1	18.1	39.9	9.66	0.3	3.7	0.3	9.4	50.5
A257816	17.6	0.3	3	0.037	0.52	2.04	0.05	0.07	0.68	3.7	97	35.8	224	2.60	7.9	15.0	27.3	44.8	8.69	0.2	2.6	0.3	6.6	46.6
A257817	10.9	0.3	4	0.030	0.30	1.66	0.04	0.06	0.65	2.6	118	42.1	191	2.90	6.1	13.1	20.6	47.6	6.92	0.2	3.0	0.4	5.6	47.3
A257818	8.4	< 0.1	3	0.036	0.50	1.54	0.07	0.09	0.74	3.6	69	27.8	231	1.90	6.3	11.1	14.5	37.7	7.76	0.2	0.1	0.2	12.5	52.0
A257819	13.9	0.4	3	0.027	0.29	2.33	0.05	0.08	0.38	4.1	111	48.4	167	3.50	6.6	16.3	15.4	42.9	7.48	0.2	4.3	0.3	6.6	31.4
A257820	8.0	0.3	4	0.028	0.34	1.56	0.04	0.06	0.50	3.4	116	44.7	202	3.44	8.1	17.1	18.6	29.7	5.67	0.2	2.3	0.1	5.3	37.1
A257821	6.9	0.3	3	0.030	0.34	1.63	0.03	0.04	0.47	3.2	103	40.7	186	2.62	6.5	13.2	14.5	25.8	5.50	0.2	3.0	0.2	3.9	37.7
A257822	10.9	0.3	4	0.027	0.31	2.12	0.04	0.06	0.47	3.8	114	42.7	165	3.08	6.3	12.9	16.7	32.2	7.83	0.2	3.9	0.6	6.0	37.2
A257823	8.6	0.3	3	0.021	0.33	1.93	0.04	0.06	0.39	3.7	128	45.5	183	3.80	6.3	13.9	14.9	26.2	6.95	0.2	3.1	0.3	5.2	29.6
A257824	9.6	0.3	4	0.029	0.39	1.94	0.04	0.05	0.44	4.0	107	44.0	205	2.89	7.7	16.3	20.6	35.6	6.32	0.2	4.3	0.3	5.8	36.3
A257825	11.1	0.4	3	0.028	0.34	2.22	0.04	0.05	0.47	4.1	112	45.7	172	3.13	9.4	17.9	22.9	37.5	6.26	0.2	4.2	0.4	5.8	39.5

Analyte Symbol	Y	Zr	Nb	Mo	Ag	Cd	In	Sn	Sb	Te	Cs	Ba	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.01	0.1	0.1	0.01	0.002	0.01	0.02	0.05	0.02	0.02	0.02	0.5	0.5	0.01	0.1	0.02	0.1	0.1	0.1	0.1	0.001	0.1	0.1	0.1
Analysis Method	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
A257501	4.45	3.5	0.6	0.90	0.539	0.82	0.02	0.38	1.32	0.02	0.87	76.6	7.9	16.5	1.8	6.82	1.3	0.3	1.3	0.2	1.02	0.2	0.5	< 0.1
A257502	3.63	2.8	1.2	1.36	0.201	0.38	0.02	0.51	1.35	0.04	0.69	81.5	7.3	14.5	1.7	6.27	1.2	0.3	1.1	0.2	0.826	0.2	0.4	< 0.1
A257503	3.58	2.2	1.2	1.17	0.216	0.47	0.02	0.42	0.86	< 0.02	1.00	88.9	8.8	17.3	2.0	7.22	1.3	0.3	1.2	0.2	0.875	0.2	0.4	< 0.1
A257504	3.66	3.2	1.5	1.92	0.297	0.27	< 0.02	0.48	1.24	0.04	0.78	102	5.8	12.2	1.4	5.33	1.1	0.3	1.1	0.1	0.826	0.2	0.4	< 0.1
A257505	3.63	2.6	0.9	1.24	0.236	0.30	0.02	0.48	2.06	< 0.02	0.85	96.7	6.7	13.4	1.5	5.80	1.1	0.3	1.1	0.1	0.856	0.2	0.4	< 0.1
A257506	3.54	2.7	1.6	1.23	0.318	0.40	< 0.02	0.88	0.77	< 0.02	0.68	91.6	7.7	15.3	1.8	6.52	1.3	0.3	1.2	0.2	0.849	0.2	0.4	< 0.1
A257507	4.29	1.3	1.2	1.24	0.492	0.24	< 0.02	1.08	0.62	< 0.02	0.79	93.1	8.2	16.6	1.9	7.44	1.4	0.4	1.3	0.2	1.00	0.2	0.5	< 0.1
A257508	2.84	2.0	0.7	2.20	0.272	0.32	< 0.02	0.83	1.45	< 0.02	0.65	71.3	6.6	13.3	1.5	5.57	1.0	0.3	0.9	0.1	0.682	0.1	0.3	< 0.1
A257509	3.02	1.8	1.1	3.86	0.330	0.44	< 0.02	1.24	1.34	0.04	0.55	90.2	7.5	14.5	1.6	6.08	1.1	0.3	1.0	0.1	0.686	0.1	0.3	< 0.1
A257510	3.20	2.1	1.4	1.18	0.304	0.28	< 0.02	2.90	0.56	< 0.02	0.65	66.8	7.8	15.4	1.8	6.71	1.2	0.3	1.1	0.1	0.758	0.1	0.4	< 0.1
A257511	4.10	3.1	1.4	1.68	0.252	0.21	< 0.02	0.42	0.95	< 0.02	0.78	60.7	6.6	13.6	1.5	5.82	1.1	0.3	1.1	0.2	0.904	0.2	0.5	< 0.1
A257512	8.86	2.8	1.1	3.31	0.523	0.78	0.03	0.91	2.03	0.02	0.72	163	10.5	23.6	2.6	10.9	2.3	0.7	2.5	0.3	1.99	0.4	1.0	0.1
A257513	2.89	1.9	0.9	1.77	0.137	0.40	0.02	0.36	1.50	< 0.02	0.70	74.4	6.6	13.8	1.5	5.78	1.1	0.3	1.0	0.1	0.706	0.1	0.3	< 0.1
A257514	4.53	2.1	1.3	1.38	0.642	0.51	0.02	1.88	0.88	< 0.02	1.07	118	8.4	18.0	2.0	7.71	1.5	0.4	1.5	0.2	1.09	0.2	0.5	< 0.1
A257515	3.31	2.6	1.0	1.25	0.328	0.60	< 0.02	0.46	1.47	0.04	0.81	75.3	6.9	13.5	1.6	5.82	1.1	0.3	1.0	0.1	0.749	0.1	0.4	< 0.1
A257516	3.60	2.2	1.0	0.96	0.252	0.50	0.02	0.98	1.00	< 0.02	0.72	81.8	6.5	12.9	1.5	5.67	1.1	0.3	1.1	0.1	0.849	0.2	0.4	< 0.1
A257517	2.66	2.5	1.4	1.14	0.326	0.24	< 0.02	0.70	1.38	< 0.02	0.59	62.6	5.9	11.5	1.3	5.07	0.9	0.3	0.9	0.1	0.643	0.1	0.3	< 0.1
A257518	3.23	2.2	1.1	1.24	0.853	0.20	< 0.02	1.15	0.91	< 0.02	0.78	56.8	7.3	14.4	1.6	6.11	1.1	0.3	1.1	0.1	0.740	0.1	0.4	< 0.1
A257519	3.36	2.4	1.4	1.41	0.584	0.27	0.02	0.93	0.93	< 0.02	0.90	97.4	8.0	15.9	1.8	6.78	1.3	0.3	1.2	0.2	0.848	0.2	0.4	< 0.1
A257520	2.78	2.5	1.2	1.33	0.225	0.43	0.02	0.75	1.49	< 0.02	0.75	75.2	6.9	13.8	1.6	5.97	1.1	0.3	0.9	0.1	0.671	0.1	0.3	< 0.1
A257521	4.11	3.4	1.7	0.73	0.074	0.10	< 0.02	0.63	0.30	< 0.02	0.48	86.2	6.7	13.4	1.5	5.90	1.2	0.3	1.2	0.2	0.922	0.2	0.5	< 0.1
A257522	5.21	2.0	1.3	0.52	0.095	0.07	< 0.02	0.77	0.21	< 0.02	0.64	85.6	9.3	17.7	2.2	8.25	1.5	0.4	1.5	0.2	1.16	0.2	0.6	< 0.1
A257523	3.25	3.0	1.4	0.65	0.130	0.09	< 0.02	0.52	0.29	0.02	0.62	99.8	6.1	12.3	1.4	5.41	1.0	0.3	1.0	0.1	0.744	0.1	0.4	< 0.1
A257524	3.78	2.6	1.3	0.56	0.136	0.08	< 0.02	0.61	0.29	< 0.02	0.53	103	6.2	12.2	1.4	5.32	1.1	0.3	1.1	0.1	0.839	0.2	0.5	< 0.1
A257525	4.03	3.3	1.2	0.56	0.088	0.07	< 0.02	1.21	0.34	< 0.02	0.56	102	6.1	12.3	1.4	5.45	1.1	0.3	1.1	0.2	0.900	0.2	0.5	< 0.1
A257526	3.25	3.2	1.0	0.57	0.132	0.38	0.02	0.49	0.29	< 0.02	0.74	81.9	6.7	13.4	1.5	5.68	1.1	0.3	1.0	0.1	0.774	0.1	0.4	< 0.1
A257527	4.99	4.2	1.2	14.1	0.167	0.31	0.03	0.47	1.93	< 0.02	0.93	120	6.2	11.9	1.4	5.48	1.1	0.3	1.1	0.2	1.02	0.2	0.5	< 0.1
A257528	2.94	2.8	1.0	1.61	0.172	1.02	0.02	0.48	1.32	0.03	0.90	65.2	5.8	11.6	1.3	5.11	1.0	0.3	0.9	0.1	0.678	0.1	0.3	< 0.1
A257529	3.39	3.2	1.3	2.98	0.161	0.71	0.03	0.69	2.19	0.05	0.95	88.8	8.3	16.3	1.8	6.83	1.3	0.3	1.2	0.1	0.805	0.2	0.4	< 0.1
A257530	4.83	2.5	1.4	2.83	0.636	0.52	0.02	1.63	0.88	< 0.02	1.11	109	9.3	16.9	2.1	7.93	1.6	0.5	1.6	0.2	1.18	0.2	0.5	< 0.1
A257531	3.45	4.3	1.7	1.50	0.255	0.50	0.03	1.23	0.73	< 0.02	1.10	81.6	9.4	19.4	2.2	8.03	1.5	0.3	1.3	0.2	0.877	0.2	0.4	< 0.1
A257532	3.53	2.8	1.4	0.85	0.184	0.16	< 0.02	1.00	0.51	< 0.02	0.69	67.8	6.8	13.4	1.5	5.57	1.1	0.3	1.1	0.1	0.837	0.2	0.4	< 0.1
A257533	2.96	2.1	1.0	2.96	0.173	0.43	0.02	0.97	1.53	< 0.02	1.16	85.8	8.1	15.6	1.8	6.70	1.2	0.3	1.1	0.1	0.691	0.1	0.3	< 0.1
A257534	2.96	3.0	1.2	0.98	0.144	0.34	0.02	1.47	0.49	< 0.02	0.80	73.3	6.2	12.1	1.4	5.14	1.0	0.2	0.9	0.1	0.703	0.1	0.4	< 0.1
A257535	2.74	4.1	1.2	0.81	0.097	0.43	< 0.02	0.40	0.40	< 0.02	0.79	59.6	6.3	12.4	1.4	5.20	1.0	0.2	0.9	0.1	0.651	0.1	0.3	< 0.1
A257536	3.27	3.7	1.4	1.18	0.072	0.14	< 0.02	0.73	0.35	< 0.02	0.66	77.6	5.9	12.2	1.3	5.13	1.0	0.3	1.0	0.1	0.726	0.1	0.4	< 0.1
A257537	3.97	3.8	1.5	0.92	0.155	0.05	< 0.02	1.00	0.30	< 0.02	0.49	103	6.3	12.4	1.5	5.70	1.1	0.3	1.1	0.2	0.974	0.2	0.5	< 0.1
A257538	4.49	2.7	1.7	1.48	0.399	0.72	0.02	0.86	0.69	< 0.02	0.76	112	8.0	19.1	1.9	7.52	1.5	0.4	1.5	0.2	1.13	0.2	0.5	< 0.1
A257539	4.44	2.4	1.3	1.64	1.34	0.47	0.02	0.41	1.36	< 0.02	1.03	104	7.8	19.1	1.9	7.46	1.5	0.4	1.4	0.2	1.06	0.2	0.5	< 0.1
A257540	3.15	2.2	1.5	1.85	0.712	0.40	< 0.02	0.94	0.80	< 0.02	0.60	76.3	7.6	16.4	1.7	6.66	1.2	0.3	1.1	0.1	0.762	0.1	0.4	< 0.1
A257541	2.89	2.5	1.3	3.93	0.101	0.15	< 0.02	0.87	1.56	< 0.02	0.82	57.0	6.7	13.4	1.5	5.69	1.1	0.3	1.0	0.1	0.665	0.1	0.3	< 0.1
A257542	2.63	2.9	1.4	2.79	0.197	0.35	< 0.02	0.60	1.04	0.05	1.01	75.6	8.1	15.8	1.8	6.67	1.2	0.3	1.0	0.1	0.681	0.1	0.3	< 0.1
A257543	3.38	4.3	1.4	1.45	0.211	0.32	0.02	0.75	0.57	< 0.02	0.92	82.9	10.2	20.2	2.3	8.47	1.5	0.3	1.3	0.2	0.824	0.2	0.4	< 0.1
A257544	2.59	3.5	0.8	1.32	0.250	0.70	0.02	0.49	2.09	< 0.02	1.06	81.3	6.5	12.7	1.5	5.57	1.0	0.3	0.9	0.1	0.629	0.1	0.3	< 0.1
A257545	3.14	3.1	0.9	1.73	0.307	0.65	0.02	0.98	2.13	< 0.02	0.96	93.3	7.8	15.1	1.8	6.85	1.3	0.3	1.1	0.1	0.779	0.1	0.4	< 0.1
A257546	2.95	2.8	1.1	1.76	0.299	0.37	< 0.02	0.65	1.61	< 0.02	0.61	59.9	6.9	13.4	1.5	5.81	1.1	0.3	1.0	0.1	0.700	0.1	0.3	< 0.1
A257547	2.34	3.0	1.4	4.33	0.337	0.28	< 0.02	1.46	1.74	< 0.02	0.44	70.6	5.7	11.9	1.3	5.01	0.9	0.2	0.8	0.1	0.540	0.1	0.3	< 0.1
A257548	2.67	2.3	1.0	2.26	0.382	0.76	< 0.02	2.07	0.65	< 0.02	0.51	60.3	5.6	11.2	1.3	4.92	0.9	0.2	0.8	0.1	0.630	0.1	0.3	< 0.1
A257549	3.99	3.9	1.2	1.43	0.207	0.43	0.02	0.53	0.79	0.03	0.80	82.0	6.4	14.0	1.5	5.92	1.2	0.3	1.2	0.2	0.945	0.2	0.5	< 0.1
A257550	2.62	2.8	1.0	2.18	0.341	0.42	< 0.02	1.47	0.88	< 0.02	0.64	68.9	7.0	14.1	1.6	5.91	1.1	0.3	0.9	0.1	0.645	0.1	0.3	< 0.1
A257551	2.83	2.2	0.8	1.62	0.381	0.64	< 0.02	0.51	3.14	< 0.02	0.80	62.0	7.0	13.6	1.6	6.14	1.2	0.3	1.0	0.1	0.686	0.1	0.3	< 0.1
A257552	3.69	5.1	0.8	0.88	0.457	0.59	0.02	3.23	1.76	0.03	0.83	90.5	7.2	14.2	1.6	6.19	1.2	0.3	1.1	0.1	0.873	0.2	0.5	< 0.1

Analyte Symbol	Y	Zr	Nb	Mo	Ag	Cd	In	Sn	Sb	Te	Cs	Ba	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.01	0.1	0.1	0.01	0.002	0.01	0.02	0.05	0.02	0.02	0.02	0.5	0.5	0.01	0.1	0.02	0.1	0.1	0.1	0.1	0.001	0.1	0.1	0.1
Analysis Method	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
A257553	3.25	3.1	0.9	1.05	0.305	1.01	0.02	0.64	0.75	< 0.02	0.73	70.3	6.9	14.0	1.6	6.19	1.2	0.3	1.0	0.1	0.770	0.1	0.4	< 0.1
A257554	2.31	2.3	0.5	15.3	0.238	0.22	< 0.02	0.98	2.40	< 0.02	0.51	77.8	9.3	16.0	2.0	7.51	1.3	0.3	1.0	0.1	0.541	< 0.1	0.3	< 0.1
A257555	3.08	2.2	1.0	0.92	0.349	0.90	< 0.02	0.46	0.47	< 0.02	0.78	68.2	8.3	16.7	1.9	7.12	1.3	0.3	1.1	0.1	0.766	0.1	0.4	< 0.1
A257556	2.85	2.7	1.2	3.26	0.095	0.26	0.02	0.52	1.25	0.03	0.94	92.4	6.7	13.2	1.5	5.64	1.0	0.3	1.0	0.1	0.660	0.1	0.3	< 0.1
A257557	2.89	2.5	1.1	2.12	0.179	0.29	< 0.02	1.24	1.24	0.05	0.67	82.0	8.3	16.4	1.8	6.96	1.3	0.3	1.1	0.1	0.696	0.1	0.3	< 0.1
A257558	3.00	3.0	1.8	1.62	0.388	0.48	0.02	2.77	0.80	< 0.02	0.92	93.1	9.6	19.4	2.2	8.24	1.5	0.3	1.2	0.1	0.772	0.1	0.4	< 0.1
A257559	5.74	3.1	1.2	2.86	0.272	0.73	< 0.02	0.65	0.85	< 0.02	0.75	81.0	9.9	22.5	2.3	9.01	1.8	0.4	1.8	0.2	1.29	0.2	0.6	< 0.1
A257560	2.82	3.5	1.2	1.52	0.059	0.21	0.02	0.40	1.03	0.03	0.72	67.7	5.6	12.1	1.3	4.80	0.9	0.2	0.9	0.1	0.632	0.1	0.3	< 0.1
A257561	4.57	2.3	1.4	1.02	0.144	0.36	< 0.02	0.41	0.96	< 0.02	0.58	94.6	8.1	19.5	1.8	7.15	1.4	0.4	1.4	0.2	1.06	0.2	0.6	< 0.1
A257562	3.85	3.9	0.9	2.16	0.257	0.37	< 0.02	0.47	0.72	0.02	0.73	83.9	6.2	13.3	1.4	5.45	1.1	0.3	1.1	0.1	0.908	0.2	0.5	< 0.1
A257563	3.04	3.4	1.2	1.63	0.254	0.29	0.02	0.62	0.80	< 0.02	0.72	72.0	6.2	12.8	1.4	5.24	1.0	0.3	0.9	0.1	0.696	0.1	0.4	< 0.1
A257564	3.32	2.5	0.9	1.55	0.149	0.49	< 0.02	0.58	0.85	0.04	0.76	73.3	6.5	13.3	1.5	5.77	1.1	0.3	1.0	0.1	0.762	0.1	0.4	< 0.1
A257565	2.79	3.6	1.2	1.58	0.189	0.19	< 0.02	0.54	1.05	0.07	0.83	87.1	5.9	12.4	1.3	5.24	1.0	0.3	0.9	0.1	0.669	0.1	0.3	< 0.1
A257566	2.83	2.5	0.8	1.57	0.344	0.38	0.02	0.56	2.19	0.06	0.81	74.0	6.6	13.6	1.5	5.70	1.1	0.3	1.0	0.1	0.646	0.1	0.3	< 0.1
A257567	3.08	4.1	1.1	1.09	0.220	0.61	0.02	0.48	1.92	0.06	0.83	71.0	5.9	11.8	1.3	5.28	1.0	0.3	0.9	0.1	0.746	0.1	0.4	< 0.1
A257568	3.29	2.0	0.7	1.46	0.308	0.46	0.02	0.35	1.18	0.06	0.79	82.4	6.9	13.7	1.6	6.03	1.1	0.3	1.0	0.1	0.772	0.1	0.4	< 0.1
A257569	2.70	3.1	1.4	3.39	0.206	0.57	0.02	1.64	1.26	0.06	0.65	92.8	7.1	14.3	1.6	6.16	1.1	0.3	1.0	0.1	0.666	0.1	0.3	< 0.1
A257570	5.41	4.6	0.6	17.8	0.227	1.10	0.03	1.28	2.04	0.07	0.71	106	9.2	17.3	2.0	7.78	1.5	0.3	1.3	0.2	1.08	0.2	0.6	< 0.1
A257571	2.83	2.0	0.8	1.66	0.135	0.55	< 0.02	0.50	0.78	0.08	0.55	79.3	5.9	11.4	1.3	4.85	0.9	0.2	0.8	0.1	0.639	0.1	0.3	< 0.1
A257572	2.51	2.2	1.2	1.44	0.178	0.19	< 0.02	1.05	0.61	0.04	0.59	51.5	6.3	12.9	1.4	5.39	1.0	0.2	0.9	0.1	0.576	0.1	0.3	< 0.1
A257573	6.82	2.5	1.3	2.08	0.316	0.45	0.02	1.32	1.09	0.08	0.88	92.7	9.7	23.0	2.4	9.61	1.9	0.5	1.9	0.3	1.51	0.3	0.8	0.1
A257574	6.32	2.5	1.3	2.59	0.227	0.27	0.03	1.27	1.28	0.09	0.75	75.7	9.3	22.7	2.3	9.43	1.9	0.5	2.0	0.3	1.53	0.3	0.7	< 0.1
A257575	2.54	3.3	1.3	1.31	0.061	0.20	< 0.02	0.89	0.63	0.03	0.61	75.0	6.1	12.6	1.4	5.32	1.0	0.2	0.8	< 0.1	0.592	0.1	0.3	< 0.1
A257576	2.72	2.7	1.4	0.93	0.095	0.19	< 0.02	0.79	0.57	0.03	0.65	51.4	6.4	12.4	1.4	5.21	1.0	0.2	0.8	0.1	0.640	0.1	0.3	< 0.1
A257577	4.74	2.3	1.1	0.69	0.106	0.06	< 0.02	0.72	0.25	0.03	0.48	77.6	6.6	14.2	1.5	6.16	1.2	0.3	1.2	0.2	1.05	0.2	0.6	< 0.1
A257578	3.72	2.3	1.4	0.87	0.147	0.13	< 0.02	0.46	0.22	0.04	0.56	98.8	6.3	12.7	1.5	5.78	1.1	0.3	1.1	0.1	0.832	0.2	0.4	< 0.1
A257579	4.64	1.9	1.3	0.69	0.207	0.13	< 0.02	1.28	0.20	0.04	0.54	103	7.1	13.1	1.7	6.67	1.3	0.3	1.3	0.2	1.01	0.2	0.5	< 0.1
A257580	10.6	2.4	1.2	1.69	0.315	0.75	0.02	1.08	0.78	0.04	0.75	95.2	11.4	21.2	2.9	11.8	2.5	0.7	2.5	0.3	2.16	0.4	1.2	0.2
A257581	10.9	2.4	1.2	1.48	0.452	0.58	0.02	1.27	0.60	0.02	0.79	134	12.6	21.8	3.1	12.7	2.6	0.7	2.7	0.4	2.30	0.5	1.2	0.2
A257582	3.08	3.8	1.9	1.50	0.147	0.14	0.02	0.84	0.31	0.03	0.56	73.9	6.5	13.3	1.5	5.80	1.1	0.3	1.0	0.1	0.726	0.1	0.4	< 0.1
A257583	2.74	2.6	1.6	0.88	0.160	0.31	0.02	0.65	0.36	0.04	0.93	53.6	7.2	14.4	1.6	6.14	1.1	0.3	1.0	0.1	0.660	0.1	0.3	< 0.1
A257584	2.92	2.7	0.9	1.87	0.242	0.55	0.02	0.65	2.34	0.04	1.02	104	9.0	17.7	2.0	7.65	1.3	0.3	1.1	0.1	0.721	0.1	0.3	< 0.1
A257585	4.97	5.0	1.1	0.54	0.160	0.15	< 0.02	1.39	0.31	0.04	0.77	83.0	9.0	18.0	2.0	8.14	1.6	0.4	1.5	0.2	1.12	0.2	0.5	< 0.1
A257586	3.52	2.3	1.2	0.62	0.323	0.13	< 0.02	0.81	0.30	0.03	0.55	91.4	6.5	13.1	1.5	5.74	1.1	0.3	1.0	0.1	0.809	0.2	0.4	< 0.1
A257587	3.27	2.7	1.3	0.64	2.49	0.23	< 0.02	1.76	0.31	0.04	0.67	68.0	6.5	13.0	1.5	5.65	1.0	0.3	1.0	0.1	0.796	0.2	0.4	< 0.1
A257588	3.30	2.2	1.2	0.50	0.250	0.16	< 0.02	0.67	0.27	0.04	0.78	71.0	6.8	13.8	1.5	5.97	1.1	0.3	1.0	0.1	0.766	0.1	0.4	< 0.1
A257589	3.17	2.2	1.0	0.40	0.067	0.11	< 0.02	0.46	0.22	0.02	0.51	62.7	5.6	11.1	1.3	4.91	0.9	0.2	0.9	0.1	0.733	0.1	0.4	< 0.1
A257590	2.63	3.2	1.2	0.50	0.261	0.10	< 0.02	3.13	0.26	0.03	0.53	59.3	5.5	11.1	1.2	4.74	0.9	0.2	0.8	0.1	0.634	0.1	0.3	< 0.1
A257591	3.73	2.2	0.9	0.46	0.096	0.14	< 0.02	0.76	0.31	0.02	0.51	67.3	5.8	11.6	1.3	5.28	1.0	0.3	1.0	0.1	0.822	0.2	0.4	< 0.1
A257592	8.96	2.3	1.2	0.75	0.412	0.21	0.02	0.75	0.26	0.05	0.81	191	9.0	18.2	2.3	9.32	1.9	0.5	2.0	0.3	1.80	0.4	1.0	0.1
A257593	3.65	3.3	1.3	0.60	0.114	0.13	< 0.02	1.33	0.30	0.04	0.49	86.0	6.0	12.4	1.4	5.30	1.1	0.3	1.0	0.1	0.828	0.2	0.4	< 0.1
A257594	4.16	2.4	1.0	0.46	0.065	0.13	< 0.02	0.66	0.29	0.05	0.45	75.3	6.2	13.3	1.4	5.61	1.1	0.3	1.1	0.1	0.890	0.2	0.5	< 0.1
A257595	5.33	3.4	1.7	0.93	0.216	0.11	< 0.02	2.45	0.28	0.05	1.00	152	7.1	11.7	1.7	6.70	1.3	0.4	1.3	0.2	1.16	0.2	0.6	< 0.1
A257596	2.84	2.1	1.2	0.57	0.087	0.11	< 0.02	0.47	0.24	0.04	0.56	67.9	7.0	14.1	1.6	6.11	1.1	0.3	1.0	0.1	0.689	0.1	0.3	< 0.1
A257597	12.2	2.0	1.1	0.86	0.418	0.13	< 0.02	0.54	0.21	< 0.02	0.90	124	14.9	19.6	3.6	14.9	3.0	0.8	3.1	0.4	2.50	0.5	1.3	0.2
A257598	5.30	1.7	1.0	0.47	0.093	0.09	< 0.02	0.32	0.22	0.03	0.69	88.3	7.1	13.5	1.7	6.70	1.3	0.3	1.4	0.2	1.16	0.2	0.6	< 0.1
A257599	2.76	1.2	1.0	0.52	0.228	0.09	< 0.02	0.47	0.13	0.02	0.39	68.9	5.2	9.96	1.2	4.50	0.8	0.2	0.8	0.1	0.585	0.1	0.3	< 0.1
A257600	4.04	1.6	1.0	0.49	0.203	0.11	< 0.02	0.81	0.19	0.04	0.70	86.1	6.9	13.7	1.6	6.11	1.1	0.3	1.1	0.2	0.889	0.2	0.5	< 0.1
A257601	4.15	2.0	1.1	0.63	0.037	0.07	< 0.02	0.34	0.24	0.04	0.58	89.7	7.9	16.8	1.9	7.15	1.4	0.3	1.3	0.2	0.949	0.2	0.5	< 0.1
A257602	3.46	2.3	1.1	0.64	0.067	0.10	< 0.02	0.55	0.18	0.03	0.56	80.1	6.1	12.6	1.4	5.60	1.1	0.3	1.0	0.1	0.756	0.1	0.4	< 0.1
A257603	3.64	2.3	0.8	0.66	0.078	0.12	< 0.02	0.77	0.28	0.04	0.50	95.1	6.1	12.4	1.3	5.02	1.0	0.3	0.9	0.1	0.845	0.2	0.5	< 0.1
A257604	21.3	2.2	1.2	1.44	0.460	0.35	< 0.02	0.35	0.48	0.04	0.95	89.4	18.9	25.9	4.7	20.0	4.2	1.1	4.6	0.6	3.89	0.8	2.1	0.3

Analyte Symbol	Y	Zr	Nb	Mo	Ag	Cd	In	Sn	Sb	Te	Cs	Ba	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.01	0.1	0.1	0.01	0.002	0.01	0.02	0.05	0.02	0.02	0.02	0.5	0.5	0.01	0.1	0.02	0.1	0.1	0.1	0.1	0.001	0.1	0.1	0.1
Analysis Method	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
A257605	2.65	2.0	0.9	0.57	0.182	0.23	< 0.02	2.07	0.27	0.02	0.51	72.0	6.4	12.7	1.4	5.34	1.0	0.3	0.9	0.1	0.622	0.1	0.3	< 0.1
A257606	2.88	3.7	1.2	0.67	0.046	0.17	0.02	0.75	0.32	0.02	0.73	82.9	5.5	11.3	1.3	4.94	0.9	0.2	0.8	0.1	0.670	0.1	0.3	< 0.1
A257607	3.43	4.2	1.2	0.98	0.050	0.16	< 0.02	0.34	0.37	0.03	0.69	62.7	5.8	11.7	1.3	4.96	0.9	0.3	0.9	0.1	0.783	0.1	0.4	< 0.1
A257608	3.03	3.5	1.4	0.81	0.103	0.13	0.03	1.28	0.39	0.05	0.71	72.0	6.7	13.3	1.5	5.59	1.0	0.3	0.9	0.1	0.733	0.1	0.4	< 0.1
A257609	3.16	3.6	1.3	0.85	0.105	0.13	0.02	1.03	0.42	0.05	0.84	97.1	6.0	11.8	1.4	5.36	1.0	0.3	0.9	0.1	0.731	0.1	0.4	< 0.1
A257610	3.07	3.0	1.0	0.58	0.058	0.07	< 0.02	0.62	0.30	0.04	0.57	57.8	5.5	12.3	1.3	4.90	0.9	0.2	0.9	0.1	0.735	0.1	0.4	< 0.1
A257611	2.59	2.2	1.2	1.18	0.090	0.10	< 0.02	0.75	0.27	0.02	0.52	60.5	5.1	10.4	1.2	4.43	0.8	0.2	0.7	< 0.1	0.583	0.1	0.3	< 0.1
A257612	4.36	3.9	1.6	1.28	0.077	0.12	< 0.02	0.67	0.38	0.04	0.56	62.0	5.8	12.1	1.4	5.52	1.2	0.3	1.1	0.2	0.974	0.2	0.5	< 0.1
A257613	2.66	2.5	1.3	1.59	0.074	0.22	< 0.02	0.51	0.44	0.05	0.60	74.8	5.1	10.6	1.2	4.57	0.9	0.2	0.8	0.1	0.621	0.1	0.3	< 0.1
A257614	3.36	2.5	1.2	0.92	0.132	0.07	< 0.02	1.74	0.42	0.03	0.62	80.8	6.7	13.4	1.5	5.70	1.1	0.3	0.9	0.1	0.754	0.1	0.4	< 0.1
A257615	3.44	3.3	1.0	0.88	0.131	0.16	< 0.02	0.99	0.51	0.03	0.63	88.6	7.6	15.5	1.7	6.63	1.2	0.3	1.1	0.1	0.784	0.1	0.4	< 0.1
A257616	4.12	3.6	1.5	1.70	0.113	0.39	0.02	0.32	0.74	0.04	0.71	88.9	6.4	13.3	1.4	5.68	1.1	0.3	1.1	0.1	0.923	0.2	0.5	< 0.1
A257617	3.62	4.4	1.4	1.48	0.129	0.23	< 0.02	0.49	0.59	0.05	0.64	64.0	5.7	12.4	1.3	5.18	1.0	0.3	1.0	0.1	0.844	0.2	0.4	< 0.1
A257618	4.15	3.9	1.2	1.52	0.278	0.23	0.02	0.39	1.21	0.05	0.78	85.8	7.5	14.7	1.7	6.64	1.3	0.3	1.2	0.2	0.952	0.2	0.5	< 0.1
A257619	4.34	3.7	1.0	1.17	0.257	0.16	0.02	0.43	0.60	0.05	1.02	112	6.6	13.6	1.6	6.20	1.2	0.3	1.3	0.2	1.08	0.2	0.5	< 0.1
A257620	4.12	2.7	0.9	1.00	0.200	0.23	0.02	0.23	0.76	0.06	0.72	66.6	6.3	13.0	1.5	5.81	1.2	0.3	1.1	0.2	0.927	0.2	0.5	< 0.1
A257621	3.56	2.8	1.0	0.78	0.103	0.13	< 0.02	0.32	0.62	0.05	0.65	73.2	6.7	13.4	1.5	5.80	1.1	0.3	1.0	0.1	0.878	0.2	0.4	< 0.1
A257622	3.98	1.9	0.9	0.98	0.119	0.19	0.03	0.35	0.45	0.06	1.25	67.4	8.2	15.5	1.7	6.28	1.2	0.3	1.2	0.2	0.956	0.2	0.5	< 0.1
A257623	4.21	2.2	1.3	1.65	0.266	0.27	0.02	0.50	0.33	0.03	1.15	97.6	10.3	21.0	2.4	9.14	1.7	0.4	1.5	0.2	1.03	0.2	0.5	< 0.1
A257624	3.84	2.7	1.2	1.12	0.230	0.33	0.02	0.51	0.56	0.06	0.86	83.9	11.3	22.9	2.6	9.61	1.7	0.4	1.4	0.2	0.961	0.2	0.4	< 0.1
A257625	3.50	2.8	1.1	0.93	0.127	0.30	< 0.02	0.45	0.28	0.03	0.67	78.0	7.5	15.3	1.7	6.54	1.2	0.3	1.1	0.1	0.810	0.2	0.4	< 0.1
A257626	3.66	2.1	0.8	0.65	0.110	0.18	0.02	0.28	0.27	0.05	0.92	91.6	6.2	12.7	1.4	5.62	1.1	0.3	1.1	0.1	0.849	0.2	0.4	< 0.1
A257627	3.61	2.1	0.9	0.59	0.248	0.13	0.02	0.39	0.20	0.04	0.93	115	6.0	12.3	1.4	5.36	1.1	0.3	1.1	0.2	0.864	0.2	0.4	< 0.1
A257628	3.09	2.7	1.0	0.61	0.109	0.09	0.02	0.45	0.22	0.05	1.05	77.8	7.5	15.4	1.8	6.69	1.3	0.3	1.1	0.1	0.741	0.1	0.4	< 0.1
A257629	3.09	2.6	0.8	0.48	0.041	0.05	< 0.02	0.37	0.19	0.02	0.62	74.3	8.3	16.5	1.8	6.87	1.2	0.3	1.0	0.1	0.764	0.1	0.4	< 0.1
A257630	3.15	2.7	0.9	0.62	0.189	0.15	0.02	0.46	0.18	0.03	1.09	83.8	8.6	17.6	2.0	7.45	1.4	0.3	1.2	0.1	0.797	0.1	0.4	< 0.1
A257631	3.36	3.1	1.3	0.76	0.156	0.16	0.02	0.47	0.24	0.03	0.70	79.6	6.4	13.3	1.5	5.82	1.1	0.3	1.0	0.1	0.802	0.1	0.4	< 0.1
A257632	4.15	3.3	1.3	0.66	0.049	0.18	< 0.02	0.51	0.38	0.06	0.77	85.5	6.9	13.9	1.6	5.96	1.2	0.3	1.2	0.2	0.978	0.2	0.5	< 0.1
A257633	3.50	2.7	1.0	0.73	0.133	0.14	0.02	0.35	0.28	0.03	0.87	61.4	5.3	10.8	1.2	4.73	1.0	0.3	1.0	0.1	0.861	0.2	0.4	< 0.1
A257634	4.14	3.9	1.0	0.71	0.193	0.16	0.02	0.72	0.28	0.05	0.93	89.9	5.3	10.9	1.3	5.12	1.1	0.3	1.2	0.2	1.02	0.2	0.5	< 0.1
A257635	4.74	2.8	0.7	0.68	0.130	0.17	0.02	0.34	0.24	0.05	0.95	142	5.1	11.4	1.3	5.30	1.2	0.3	1.2	0.2	1.11	0.2	0.6	< 0.1
A257636	3.28	1.9	0.7	1.77	0.202	0.61	0.03	0.31	1.50	0.07	1.02	88.3	7.3	15.3	1.7	6.74	1.3	0.3	1.1	0.1	0.790	0.1	0.4	< 0.1
A257637	3.19	1.6	0.6	4.45	0.236	0.54	0.03	0.43	1.36	0.06	0.81	98.9	8.1	16.0	1.8	6.94	1.3	0.3	1.1	0.1	0.788	0.1	0.4	< 0.1
A257638	3.53	2.2	0.5	5.16	0.274	0.88	0.03	0.90	3.74	0.06	0.96	91.1	9.2	17.7	2.1	8.08	1.5	0.4	1.3	0.2	0.866	0.2	0.4	< 0.1
A257639	8.94	1.9	1.2	2.36	0.284	0.69	0.02	0.64	0.62	0.05	0.88	119	14.1	30.6	3.4	13.4	2.7	0.7	2.7	0.4	2.06	0.4	1.0	0.1
A257640	3.85	1.9	0.7	2.63	0.196	0.38	< 0.02	0.56	0.83	0.04	0.89	104	10.0	19.9	2.3	8.45	1.5	0.4	1.4	0.2	0.933	0.2	0.4	< 0.1
A257641	3.55	2.8	1.1	3.13	0.110	0.29	0.02	0.41	1.48	0.05	0.95	81.6	7.4	15.0	1.7	6.44	1.2	0.3	1.1	0.1	0.812	0.2	0.4	< 0.1
A257642	3.59	1.8	1.3	2.10	0.114	0.31	0.02	0.88	0.47	0.05	0.78	75.0	9.6	19.5	2.2	8.46	1.5	0.4	1.3	0.2	0.894	0.2	0.4	< 0.1
A257643	4.31	3.1	1.0	1.86	0.227	0.46	0.02	0.94	0.94	0.10	0.90	94.2	8.1	16.6	1.8	6.97	1.3	0.4	1.3	0.2	1.00	0.2	0.5	< 0.1
A257644	3.86	2.1	0.6	2.32	0.108	0.21	< 0.02	0.37	1.48	0.08	0.78	71.8	6.3	12.6	1.4	5.66	1.1	0.3	1.1	0.1	0.871	0.2	0.4	< 0.1
A257645	3.06	1.8	0.6	0.91	0.064	0.41	< 0.02	0.51	0.55	0.05	0.70	56.0	6.4	13.0	1.5	5.63	1.0	0.3	0.9	0.1	0.716	0.1	0.4	< 0.1
A257646	3.31	2.5	1.0	1.17	0.070	0.39	< 0.02	0.50	0.73	0.05	0.89	70.1	7.3	15.1	1.7	6.41	1.2	0.3	1.1	0.1	0.799	0.2	0.4	< 0.1
A257647	6.25	1.8	1.4	1.65	0.201	0.29	0.02	0.72	0.57	0.05	0.80	103	10.9	23.5	2.6	10.4	2.0	0.5	1.9	0.2	1.43	0.3	0.7	< 0.1
A257648	3.75	2.5	0.8	1.22	0.065	0.07	< 0.02	0.43	0.68	0.04	0.62	57.7	6.8	13.8	1.5	5.85	1.1	0.3	1.1	0.1	0.840	0.2	0.4	< 0.1
A257649	2.87	3.5	1.6	2.12	0.048	0.13	< 0.02	0.55	0.34	0.04	0.83	68.8	8.3	17.3	1.9	7.07	1.3	0.3	1.1	0.1	0.739	0.1	0.3	< 0.1
A257650	3.76	2.8	0.7	1.01	0.070	0.16	< 0.02	0.31	0.44	0.04	0.84	67.9	6.8	13.6	1.5	5.93	1.2	0.3	1.1	0.2	0.883	0.2	0.4	< 0.1
A257651	3.70	3.8	1.1	1.49	0.079	0.09	< 0.02	0.48	0.28	0.06	0.65	77.5	6.3	12.8	1.4	5.62	1.1	0.3	1.0	0.1	0.850	0.2	0.4	< 0.1
A257652	3.15	3.3	0.7	0.91	0.051	0.22	0.02	0.94	0.34	0.05	0.74	73.8	7.1	14.3	1.6	5.89	1.1	0.3	1.0	0.1	0.743	0.1	0.4	< 0.1
A257653	3.58	2.6	1.2	0.81	0.036	0.15	< 0.02	0.37	0.38	0.03	0.73	83.7	7.7	15.5	1.7	6.59	1.2	0.3	1.2	0.1	0.863	0.2	0.4	< 0.1
A257654	3.59	3.7	1.0	0.71	0.043	0.14	< 0.02	0.34	0.29	0.04	0.67	68.4	6.3	13.1	1.5	5.59	1.1	0.3	1.0	0.1	0.852	0.2	0.4	< 0.1
A257655	4.11	3.2	0.9	1.14	0.052	0.15	< 0.02	0.47	0.47	0.06	0.83	68.3	7.0	14.5	1.6	6.21	1.2	0.3	1.2	0.1	0.919	0.2	0.5	< 0.1
A257656	7.04	1.7	0.9	0.82	0.153	0.08	< 0.02	1.06	0.38	0.09	0.70	107	10.3	22.4	2.4	9.54	1.9	0.5	1.9	0.2	1.53	0.3	0.8	0.1

Analyte Symbol	Y	Zr	Nb	Mo	Ag	Cd	In	Sn	Sb	Te	Cs	Ba	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.01	0.1	0.1	0.01	0.002	0.01	0.02	0.05	0.02	0.02	0.02	0.5	0.5	0.01	0.1	0.02	0.1	0.1	0.1	0.1	0.001	0.1	0.1	0.1
Analysis Method	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
A257657	3.49	2.5	1.3	0.91	0.070	0.11	< 0.02	0.87	0.31	0.04	0.54	64.7	7.1	14.6	1.6	6.34	1.2	0.3	1.1	0.1	0.840	0.2	0.4	< 0.1
A257658	5.31	2.8	1.0	4.53	0.196	0.67	0.02	0.54	1.52	0.08	1.29	106	7.3	15.6	1.8	7.15	1.5	0.4	1.4	0.2	1.27	0.2	0.6	< 0.1
A257659	3.73	2.0	0.8	1.41	0.201	0.66	< 0.02	0.43	0.40	0.07	0.95	118	8.1	16.7	1.8	6.99	1.3	0.3	1.2	0.2	0.904	0.2	0.4	< 0.1
A257660	4.26	2.4	1.2	2.04	0.255	0.13	< 0.02	0.84	0.23	0.02	0.97	66.6	7.0	15.7	1.7	6.64	1.3	0.3	1.3	0.2	0.995	0.2	0.5	< 0.1
A257661	3.60	2.0	1.0	0.95	0.225	0.10	< 0.02	0.89	0.21	< 0.02	0.48	58.3	7.9	17.1	1.8	6.78	1.3	0.3	1.2	0.2	0.891	0.2	0.4	< 0.1
A257662	5.28	1.5	0.8	1.23	0.255	0.22	< 0.02	0.63	0.21	< 0.02	0.66	84.7	8.7	16.2	2.0	8.07	1.7	0.4	1.6	0.2	1.23	0.2	0.6	< 0.1
A257663	4.78	1.7	0.8	0.92	0.151	0.14	< 0.02	0.34	0.28	0.04	0.55	83.1	7.6	17.8	1.8	7.23	1.4	0.3	1.4	0.2	1.10	0.2	0.6	< 0.1
A257664	4.15	2.7	1.1	0.72	0.215	0.11	< 0.02	0.33	0.26	0.04	0.67	74.3	7.4	15.4	1.7	6.59	1.3	0.3	1.2	0.2	0.976	0.2	0.5	< 0.1
A257665	3.56	2.2	1.1	0.64	0.251	0.15	< 0.02	1.29	0.23	0.04	0.47	66.4	6.8	13.7	1.5	5.91	1.2	0.3	1.1	0.1	0.860	0.2	0.4	< 0.1
A257666	7.00	1.9	0.8	0.79	0.251	0.33	< 0.02	0.37	0.27	0.05	0.74	100	10.6	22.3	2.5	10.2	2.0	0.5	1.9	0.3	1.56	0.3	0.8	0.1
A257667	4.85	3.6	1.0	0.84	0.044	0.10	< 0.02	0.52	0.22	0.07	0.59	80.9	8.1	16.8	1.9	7.39	1.4	0.4	1.4	0.2	1.12	0.2	0.6	< 0.1
A257668	6.83	2.0	0.8	1.03	0.162	0.23	< 0.02	0.96	0.34	0.04	0.69	98.0	9.5	23.1	2.3	9.10	1.8	0.4	1.8	0.2	1.43	0.3	0.8	0.1
A257669	5.02	1.9	0.9	0.80	0.131	0.34	< 0.02	0.53	0.27	0.04	0.49	83.3	8.0	19.7	1.9	7.51	1.4	0.4	1.4	0.2	1.10	0.2	0.6	< 0.1
A257670	4.70	1.6	0.8	1.44	0.186	0.46	< 0.02	0.38	0.23	< 0.02	0.50	80.7	7.7	16.6	1.8	6.96	1.3	0.3	1.3	0.2	1.05	0.2	0.5	< 0.1
A257671	3.80	2.4	1.0	0.98	0.183	0.17	< 0.02	1.54	0.23	0.03	0.88	89.1	8.9	18.2	2.0	7.95	1.5	0.4	1.3	0.2	0.953	0.2	0.5	< 0.1
A257672	4.34	1.8	1.0	0.61	0.131	0.46	< 0.02	0.48	0.22	0.05	0.54	84.5	7.5	16.3	1.8	7.15	1.4	0.4	1.3	0.2	1.01	0.2	0.5	< 0.1
A257673	6.96	3.4	1.2	1.04	0.166	0.20	< 0.02	0.78	0.16	0.03	0.65	75.6	13.8	24.4	3.0	12.0	2.3	0.6	2.3	0.3	1.70	0.3	0.8	0.1
A257674	14.1	1.8	0.7	1.31	0.206	0.17	< 0.02	1.14	0.28	0.03	0.72	103	14.4	25.3	3.5	14.3	3.0	0.7	3.1	0.4	2.50	0.5	1.4	0.2
A257675	5.35	2.1	0.8	1.57	0.063	0.11	< 0.02	0.42	0.27	0.04	0.64	73.9	10.3	21.3	2.4	9.15	1.7	0.4	1.6	0.2	1.18	0.2	0.6	< 0.1
A257676	4.42	1.8	1.1	0.89	0.079	0.10	< 0.02	0.75	0.17	0.04	0.51	71.5	7.1	13.7	1.6	6.26	1.2	0.3	1.2	0.2	0.941	0.2	0.5	< 0.1
A257677	3.48	2.0	1.2	0.95	0.096	0.15	< 0.02	0.36	0.18	0.03	0.48	94.1	6.9	13.8	1.6	6.06	1.2	0.3	1.1	0.1	0.866	0.2	0.4	< 0.1
A257678	2.96	1.6	1.0	1.64	0.240	0.17	< 0.02	0.77	0.55	0.03	0.83	82.5	10.6	21.1	2.3	8.92	1.6	0.3	1.3	0.1	0.781	0.1	0.3	< 0.1
A257679	4.25	1.9	0.3	1.76	0.319	0.23	0.03	0.47	1.59	0.07	1.03	97.8	10.7	21.3	2.5	9.43	1.7	0.4	1.5	0.2	1.04	0.2	0.5	< 0.1
A257680	4.00	1.9	0.5	1.13	0.136	0.33	< 0.02	0.56	0.70	0.04	0.97	89.7	8.9	18.1	2.1	7.98	1.5	0.4	1.3	0.2	0.987	0.2	0.5	< 0.1
A257681	3.75	3.0	1.1	1.07	0.362	0.28	0.02	0.59	0.51	0.06	1.00	88.6	10.0	20.1	2.3	8.63	1.6	0.4	1.3	0.2	0.947	0.2	0.5	< 0.1
A257682	3.09	1.4	0.3	1.28	0.338	0.35	0.02	1.67	0.91	0.04	0.85	69.6	11.1	21.7	2.4	9.15	1.6	0.4	1.3	0.1	0.785	0.1	0.4	< 0.1
A257683	3.72	1.6	0.6	1.17	0.253	0.25	< 0.02	0.55	0.70	0.04	0.81	82.8	8.4	17.7	2.0	7.62	1.4	0.3	1.2	0.2	0.919	0.2	0.4	< 0.1
A257684	3.76	1.7	0.8	1.18	0.281	0.17	< 0.02	1.13	0.56	0.04	0.84	73.8	9.4	18.5	2.1	7.96	1.4	0.4	1.2	0.2	0.906	0.2	0.4	< 0.1
A257685	3.63	2.2	0.6	1.11	0.274	0.48	0.02	1.15	0.94	0.03	1.01	85.9	9.6	19.0	2.2	8.43	1.6	0.4	1.3	0.2	0.911	0.2	0.4	< 0.1
A257686	3.48	2.7	1.2	1.34	0.435	0.44	0.02	0.32	0.49	0.05	1.14	90.6	7.8	16.5	1.8	6.95	1.3	0.3	1.2	0.1	0.839	0.2	0.4	< 0.1
A257687	3.47	1.8	0.3	1.38	0.335	0.39	0.02	0.34	0.96	0.03	1.06	95.4	9.5	18.4	2.2	8.52	1.6	0.4	1.4	0.2	0.888	0.2	0.4	< 0.1
A257688	3.42	1.9	0.6	2.14	0.143	0.56	< 0.02	0.47	0.31	< 0.02	0.72	76.4	9.2	18.0	2.0	7.93	1.4	0.3	1.2	0.1	0.842	0.2	0.4	< 0.1
A257689	2.24	1.6	0.8	13.4	0.217	0.17	< 0.02	0.32	0.92	< 0.02	0.62	94.3	10.2	19.3	2.2	8.26	1.3	0.3	1.0	0.1	0.565	0.1	0.3	< 0.1
A257690	3.92	2.6	1.2	2.57	0.275	0.44	0.02	2.17	0.28	0.05	0.80	81.7	9.8	19.5	2.2	8.38	1.6	0.4	1.4	0.2	0.959	0.2	0.4	< 0.1
A257691	4.36	3.6	1.1	1.40	0.144	0.30	0.02	0.75	0.17	< 0.02	0.86	94.0	8.9	18.4	2.1	8.27	1.6	0.4	1.4	0.2	1.07	0.2	0.5	< 0.1
A257692	3.06	1.7	1.1	1.61	0.401	0.30	< 0.02	1.34	0.15	< 0.02	0.40	50.4	9.7	19.2	2.2	8.23	1.4	0.3	1.2	0.1	0.753	0.1	0.3	< 0.1
A257693	3.51	2.1	1.0	3.31	0.235	0.36	0.02	0.17	0.58	< 0.02	0.76	62.0	9.8	19.0	2.1	8.30	1.5	0.3	1.3	0.2	0.829	0.2	0.4	< 0.1
A257694	3.43	2.2	1.6	2.75	0.155	0.23	< 0.02	0.35	0.32	< 0.02	0.87	74.1	14.2	28.7	3.2	12.3	2.1	0.4	1.6	0.2	0.871	0.2	0.4	< 0.1
A257695	4.14	2.0	1.1	1.51	0.279	0.25	< 0.02	1.19	0.41	< 0.02	0.88	80.0	8.0	16.6	1.9	7.35	1.4	0.3	1.3	0.2	0.999	0.2	0.5	< 0.1
A257696	3.86	3.1	1.2	2.72	0.169	0.20	0.02	0.53	0.75	0.04	0.82	88.1	7.7	15.2	1.8	6.78	1.3	0.3	1.2	0.2	0.869	0.2	0.4	< 0.1
A257697	3.59	2.9	0.9	1.31	0.218	0.46	< 0.02	0.98	0.28	< 0.02	0.83	82.1	10.7	21.6	2.5	9.68	1.7	0.4	1.4	0.2	0.903	0.2	0.4	< 0.1
A257698	3.10	2.1	0.4	2.95	0.333	0.44	0.03	0.36	2.19	0.03	0.83	84.4	8.6	16.4	1.9	7.52	1.3	0.3	1.1	0.1	0.750	0.1	0.4	< 0.1
A257699	5.64	2.1	1.3	1.67	0.168	0.25	0.02	0.50	0.35	0.02	0.64	139	18.0	35.9	4.0	15.6	2.8	0.7	2.4	0.3	1.51	0.3	0.6	< 0.1
A257700	3.18	2.4	0.9	1.15	0.313	0.41	< 0.02	0.32	0.27	0.03	0.71	88.3	7.7	15.5	1.7	6.66	1.2	0.3	1.0	0.1	0.760	0.1	0.4	< 0.1
A257701	3.79	2.3	1.3	1.29	0.509	0.26	< 0.02	3.68	0.25	< 0.02	0.98	83.8	9.1	18.1	2.1	8.20	1.5	0.4	1.3	0.2	0.911	0.2	0.4	< 0.1
A257702	7.86	2.2	0.9	1.52	0.158	0.20	< 0.02	0.41	< 0.02	< 0.02	0.81	102	10.3	20.8	2.5	10.1	2.0	0.5	2.0	0.3	1.59	0.3	0.9	0.1
A257703	8.57	2.0	0.9	1.48	0.120	0.18	< 0.02	0.27	< 0.02	< 0.02	0.82	108	14.7	28.9	3.4	13.4	2.5	0.6	2.4	0.3	1.82	0.3	0.9	0.1
A257704	6.25	2.3	1.0	0.40	0.127	0.07	< 0.02	0.25	< 0.02	0.03	0.81	98.2	11.0	20.2	2.5	10.0	1.9	0.5	1.9	0.2	1.40	0.3	0.7	< 0.1
A257705	5.51	2.0	0.8	0.30	0.083	0.07	< 0.02	0.23	< 0.02	< 0.02	0.48	61.3	8.0	13.9	1.9	7.57	1.5	0.4	1.5	0.2	1.15	0.2	0.6	< 0.1
A257706	4.08	2.9	1.3	0.55	0.145	0.16	< 0.02	1.84	< 0.02	< 0.02	0.73	92.0	8.3	16.7	1.9	7.39	1.4	0.3	1.2	0.2	0.930	0.2	0.5	< 0.1
A257707	4.32	3.4	1.2	0.54	0.072	0.07	< 0.02	0.71	< 0.02	0.03	0.60	67.7	7.4	15.0	1.7	6.83	1.3	0.3	1.2	0.2	0.961	0.2	0.5	< 0.1
A257708	6.78	1.8	1.1	0.36	0.136	0.15	< 0.02	0.20	< 0.02	< 0.02	0.63	86.4	10.6	20.2	2.5	10.1	2.0	0.5	1.8	0.2	1.42	0.3	0.7	< 0.1

Analyte Symbol	Y	Zr	Nb	Mo	Ag	Cd	In	Sn	Sb	Te	Cs	Ba	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.01	0.1	0.1	0.01	0.002	0.01	0.02	0.05	0.02	0.02	0.02	0.5	0.5	0.01	0.1	0.02	0.1	0.1	0.1	0.1	0.001	0.1	0.1	0.1
Analysis Method	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
A257709	4.51	2.7	1.4	0.88	0.085	0.11	< 0.02	0.39	< 0.02	0.03	0.40	87.7	7.4	14.8	1.7	6.96	1.3	0.4	1.2	0.2	1.02	0.2	0.5	< 0.1
A257710	3.33	2.6	1.3	0.59	0.112	0.15	< 0.02	0.31	< 0.02	< 0.02	0.61	73.4	6.0	12.4	1.4	5.35	1.1	0.3	0.9	0.1	0.789	0.1	0.4	< 0.1
A257711	9.54	1.9	0.9	0.92	0.301	0.24	< 0.02	0.37	< 0.02	0.03	0.96	116	11.5	20.7	2.8	11.7	2.4	0.6	2.3	0.3	1.95	0.4	1.0	0.1
A257712	7.82	1.9	1.2	0.41	0.277	0.12	< 0.02	0.26	< 0.02	< 0.02	0.49	124	13.9	25.4	3.1	12.3	2.4	0.6	2.3	0.3	1.78	0.3	0.8	0.1
A257713	3.70	2.7	1.5	0.77	0.131	0.04	< 0.02	0.27	< 0.02	< 0.02	0.67	86.1	6.6	13.8	1.6	6.19	1.2	0.3	1.1	0.1	0.853	0.2	0.4	< 0.1
A257714	3.65	3.3	1.1	0.49	0.086	0.08	< 0.02	0.29	< 0.02	< 0.02	0.64	64.0	7.7	15.6	1.7	6.83	1.3	0.3	1.1	0.1	0.817	0.2	0.4	< 0.1
A257715	3.91	2.9	1.0	0.45	0.130	0.10	< 0.02	0.19	< 0.02	0.02	0.70	75.8	6.8	13.8	1.6	6.23	1.2	0.3	1.1	0.1	0.873	0.2	0.5	< 0.1
A257716	4.82	3.6	1.4	0.43	0.078	0.06	< 0.02	0.28	< 0.02	< 0.02	0.68	82.0	9.0	18.6	2.1	8.33	1.7	0.4	1.5	0.2	1.19	0.2	0.6	< 0.1
A257717	3.45	2.6	1.4	0.35	0.143	0.11	< 0.02	0.32	< 0.02	< 0.02	0.65	63.4	8.0	16.0	1.8	6.93	1.3	0.3	1.1	0.1	0.806	0.2	0.4	< 0.1
A257718	3.79	3.3	1.2	0.71	0.097	0.34	< 0.02	0.23	< 0.02	0.03	0.69	66.2	6.7	13.9	1.5	6.13	1.2	0.3	1.1	0.1	0.852	0.2	0.4	< 0.1
A257719	3.35	3.2	1.1	0.51	0.060	0.26	< 0.02	0.24	< 0.02	< 0.02	0.84	85.4	7.0	14.4	1.6	6.49	1.2	0.3	1.1	0.1	0.831	0.2	0.4	< 0.1
A257720	3.10	4.3	1.3	2.74	0.163	0.23	< 0.02	0.25	0.47	0.04	0.83	46.5	6.2	12.5	1.4	5.50	1.0	0.3	0.9	0.1	0.708	0.1	0.4	< 0.1
A257721	3.01	2.4	1.0	2.20	0.139	0.38	< 0.02	0.83	0.51	0.04	0.92	72.7	9.5	19.0	2.2	8.37	1.5	0.3	1.2	0.1	0.738	0.1	0.3	< 0.1
A257722	3.92	4.3	1.4	0.52	0.162	0.11	< 0.02	0.22	< 0.02	< 0.02	0.68	73.7	6.9	14.0	1.6	6.30	1.3	0.3	1.1	0.2	0.876	0.2	0.5	< 0.1
A257723	4.78	3.1	1.3	0.44	0.066	0.06	< 0.02	0.32	< 0.02	< 0.02	0.64	75.3	8.2	16.4	1.8	7.34	1.4	0.4	1.3	0.2	1.08	0.2	0.6	< 0.1
A257724	3.68	2.7	1.4	0.43	0.076	0.07	< 0.02	0.28	< 0.02	< 0.02	0.55	69.7	6.4	13.2	1.5	5.81	1.1	0.3	1.1	0.1	0.829	0.2	0.4	< 0.1
A257725	3.99	3.6	1.6	0.57	0.141	0.05	< 0.02	0.27	< 0.02	< 0.02	0.66	64.3	7.0	14.5	1.7	6.52	1.3	0.3	1.2	0.2	0.944	0.2	0.5	< 0.1
A257726	6.06	2.6	1.5	0.72	0.189	0.09	< 0.02	0.27	< 0.02	< 0.02	0.64	120	9.0	20.7	2.2	8.87	1.8	0.4	1.7	0.2	1.37	0.3	0.7	< 0.1
A257727	7.48	2.5	1.3	0.55	0.278	0.16	< 0.02	0.23	0.06	< 0.02	0.64	110	9.8	18.8	2.4	9.71	2.0	0.5	1.9	0.3	1.53	0.3	0.8	0.1
A257728	4.29	3.3	1.5	0.49	0.105	0.06	< 0.02	0.25	< 0.02	0.03	0.57	68.3	8.3	17.1	1.9	7.66	1.4	0.4	1.3	0.2	1.03	0.2	0.5	< 0.1
A257729	3.80	3.5	1.5	0.47	0.165	0.05	< 0.02	0.29	< 0.02	0.02	0.91	66.9	8.5	17.1	1.9	7.51	1.4	0.3	1.2	0.2	0.942	0.2	0.5	< 0.1
A257730	4.19	3.8	1.4	0.50	0.139	0.06	< 0.02	0.24	< 0.02	0.02	0.60	76.1	7.0	14.7	1.6	6.46	1.3	0.3	1.2	0.2	0.945	0.2	0.5	< 0.1
A257731	9.36	2.2	1.0	0.84	0.237	0.19	< 0.02	0.26	< 0.02	0.02	0.90	124	10.7	18.4	2.6	11.0	2.3	0.6	2.3	0.3	1.89	0.4	1.0	0.1
A257732	10.2	2.6	1.2	0.53	0.247	0.26	< 0.02	0.26	< 0.02	0.03	0.91	132	12.5	22.9	3.1	12.7	2.5	0.6	2.5	0.3	2.15	0.4	1.1	0.2
A257733	8.39	2.2	1.1	0.70	0.320	0.11	< 0.02	0.16	< 0.02	0.03	0.70	96.6	8.9	15.8	2.1	8.77	1.8	0.5	1.8	0.2	1.53	0.3	0.8	0.1
A257734	4.66	1.8	1.2	0.26	0.169	0.06	< 0.02	0.22	< 0.02	< 0.02	0.55	64.2	7.3	14.8	1.7	6.85	1.4	0.3	1.3	0.2	0.993	0.2	0.5	< 0.1
A257735	27.5	2.6	1.0	1.06	0.975	0.59	0.02	0.21	< 0.02	0.05	1.05	126	22.9	47.7	6.2	27.1	6.1	1.6	6.4	0.9	5.42	1.1	2.9	0.4
A257736	6.01	2.3	1.3	0.64	0.260	0.33	< 0.02	0.36	< 0.02	0.04	0.73	101	9.1	18.0	2.2	8.78	1.7	0.4	1.6	0.2	1.29	0.3	0.7	< 0.1
A257737	3.90	3.4	1.6	0.51	0.098	0.11	< 0.02	0.22	< 0.02	< 0.02	0.57	73.6	6.8	13.8	1.6	6.07	1.2	0.3	1.1	0.1	0.876	0.2	0.4	< 0.1
A257738	5.92	2.2	1.4	0.33	0.181	0.28	< 0.02	0.21	< 0.02	< 0.02	0.56	100	7.9	14.6	1.9	7.88	1.6	0.4	1.5	0.2	1.21	0.2	0.6	< 0.1
A257739	4.73	2.1	1.4	0.26	0.174	0.11	< 0.02	0.48	< 0.02	< 0.02	0.55	79.8	6.8	13.5	1.6	6.36	1.3	0.3	1.2	0.2	1.02	0.2	0.5	< 0.1
A257740	4.55	2.6	1.2	0.56	0.113	0.09	< 0.02	0.25	< 0.02	0.03	0.67	98.9	6.9	13.7	1.6	6.56	1.3	0.3	1.3	0.2	1.01	0.2	0.5	< 0.1
A257741	3.43	1.8	1.0	0.31	0.176	0.11	< 0.02	0.31	< 0.02	< 0.02	0.23	88.5	5.8	10.9	1.3	5.24	1.0	0.3	0.9	0.1	0.711	0.1	0.4	< 0.1
A257742	10.3	1.7	1.0	0.52	0.512	0.53	< 0.02	0.32	< 0.02	< 0.02	0.42	159	12.8	22.6	3.0	12.2	2.5	0.6	2.5	0.3	2.08	0.4	1.0	0.1
A257743	18.1	2.0	0.6	1.60	0.690	0.84	< 0.02	0.29	0.33	0.07	0.58	137	15.6	15.7	3.8	16.6	3.6	0.9	3.8	0.5	3.10	0.6	1.7	0.2
A257744	4.02	2.7	1.3	0.50	0.101	0.09	< 0.02	0.38	0.13	0.02	0.47	82.4	7.6	15.3	1.7	6.48	1.2	0.3	1.1	0.2	0.924	0.2	0.5	< 0.1
A257745	4.63	3.3	1.2	0.85	0.087	0.10	< 0.02	0.32	0.20	0.03	0.51	70.5	6.9	13.9	1.6	6.43	1.3	0.3	1.3	0.2	1.01	0.2	0.5	< 0.1
A257746	4.55	2.4	1.4	0.23	0.070	0.10	< 0.02	0.43	0.12	0.03	0.46	84.4	8.1	16.2	1.9	7.52	1.4	0.4	1.3	0.2	0.958	0.2	0.5	< 0.1
A257747	4.79	3.4	1.6	0.84	0.129	0.13	< 0.02	0.36	0.23	0.02	0.43	60.9	7.3	15.4	1.7	6.98	1.4	0.4	1.3	0.2	1.02	0.2	0.5	< 0.1
A257748	4.31	3.1	1.3	0.75	0.053	0.13	< 0.02	0.38	0.27	0.03	0.63	71.0	7.2	14.8	1.7	6.47	1.3	0.3	1.2	0.2	0.968	0.2	0.5	< 0.1
A257749	4.41	4.0	0.8	0.61	0.079	0.19	0.02	0.46	0.25	0.02	0.92	101	7.1	14.4	1.6	6.61	1.3	0.4	1.3	0.2	0.994	0.2	0.5	< 0.1
A257750	13.0	1.7	0.5	3.49	0.350	0.86	< 0.02	0.32	0.70	0.08	0.54	106	13.3	9.81	3.0	13.3	2.8	0.7	2.9	0.4	2.13	0.4	1.1	0.1
A257751	4.28	4.9	1.1	0.96	0.032	0.12	< 0.02	0.37	0.43	0.04	0.67	62.2	7.2	14.5	1.7	6.73	1.3	0.3	1.2	0.2	0.919	0.2	0.5	< 0.1
A257752	4.20	2.6	1.4	0.92	0.095	0.15	< 0.02	0.46	0.50	0.04	0.71	96.5	7.7	14.6	1.8	6.92	1.3	0.3	1.2	0.2	0.914	0.2	0.5	< 0.1
A257753	6.41	2.3	1.5	0.81	0.100	0.06	< 0.02	0.39	0.28	0.03	0.56	76.8	10.0	18.8	2.3	9.43	1.8	0.5	1.9	0.2	1.37	0.3	0.7	< 0.1
A257754	4.73	5.4	1.5	1.36	0.010	0.18	< 0.02	0.46	0.29	< 0.02	0.59	71.0	7.6	17.5	1.9	7.53	1.5	0.4	1.4	0.2	1.05	0.2	0.5	< 0.1
A257755	9.13	2.5	1.2	1.90	0.203	0.34	< 0.02	0.37	0.43	0.06	0.91	80.0	7.7	11.5	1.9	8.31	1.7	0.5	1.8	0.3	1.67	0.3	0.9	0.1
A257756	4.49	1.5	1.0	0.39	0.120	0.12	< 0.02	0.34	0.13	0.03	0.45	83.7	7.0	14.0	1.6	6.51	1.3	0.3	1.2	0.2	0.962	0.2	0.5	< 0.1
A257757	4.67	2.0	0.7	0.35	0.039	0.05	< 0.02	0.29	0.17	0.04	0.45	63.2	5.8	12.1	1.4	5.95	1.2	0.3	1.2	0.2	0.929	0.2	0.5	< 0.1
A257758	6.06	2.1	1.0	0.42	0.057	0.08	< 0.02	0.34	0.19	0.04	0.61	76.7	9.9	19.6	2.3	9.12	1.8	0.4	1.6	0.2	1.25	0.2	0.7	< 0.1
A257759	7.25	1.6	0.7	0.34	0.168	0.04	< 0.02	0.29	0.18	0.03	0.49	90.4	8.3	14.4	2.0	8.16	1.7	0.5	1.8	0.2	1.40	0.3	0.7	< 0.1
A257760	8.53	2.3	0.9	1.00	0.456	0.21	0.02	0.45	0.17	0.03	0.93	206	10.8	19.6	2.6	10.7	2.2	0.6	2.3	0.3	1.78	0.3	0.9	0.1

Analyte Symbol	Y	Zr	Nb	Mo	Ag	Cd	In	Sn	Sb	Te	Cs	Ba	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.01	0.1	0.1	0.01	0.002	0.01	0.02	0.05	0.02	0.02	0.02	0.5	0.5	0.01	0.1	0.02	0.1	0.1	0.1	0.1	0.001	0.1	0.1	0.1
Analysis Method	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
A257761	3.51	3.0	1.0	1.38	0.185	0.26	0.02	0.48	0.61	0.08	0.91	112	8.1	16.8	1.9	7.50	1.4	0.3	1.2	0.1	0.824	0.2	0.4	< 0.1
A257762	3.86	2.7	0.9	1.78	0.127	0.31	< 0.02	0.33	0.92	0.05	0.77	60.8	7.0	13.8	1.6	6.04	1.2	0.3	1.0	0.1	0.826	0.2	0.4	< 0.1
A257763	3.58	3.2	1.5	1.63	0.153	0.24	< 0.02	0.49	0.62	0.04	0.86	79.3	10.1	20.0	2.2	8.45	1.5	0.4	1.3	0.2	0.829	0.2	0.4	< 0.1
A257764	4.49	2.6	1.2	2.35	0.209	0.23	0.02	0.33	1.01	0.04	1.04	69.1	8.9	17.8	2.0	8.06	1.5	0.4	1.5	0.2	1.02	0.2	0.5	< 0.1
A257765	7.97	2.3	1.2	1.81	0.216	0.19	< 0.02	0.35	0.80	0.03	0.66	82.6	11.4	24.4	2.8	11.4	2.3	0.6	2.1	0.3	1.74	0.3	0.8	0.1
A257766	3.94	3.7	0.9	1.21	0.055	0.26	< 0.02	0.33	0.57	0.05	0.69	66.8	7.5	14.4	1.6	6.25	1.2	0.3	1.1	0.1	0.864	0.2	0.4	< 0.1
A257767	3.46	3.4	1.1	2.58	0.134	0.29	< 0.02	0.63	0.95	0.02	0.86	68.4	6.9	13.6	1.5	5.97	1.1	0.3	1.0	0.1	0.770	0.1	0.4	< 0.1
A257768	3.39	3.7	1.0	1.07	0.149	0.38	< 0.02	0.61	0.50	0.02	0.93	81.5	7.7	15.8	1.8	7.04	1.3	0.3	1.1	0.1	0.776	0.1	0.4	< 0.1
A257769	4.23	5.0	1.1	3.13	0.226	0.67	0.02	0.72	1.39	0.07	1.07	116	6.0	12.3	1.5	5.81	1.1	0.3	1.1	0.1	0.943	0.2	0.5	< 0.1
A257770	3.41	3.8	1.2	1.64	0.346	0.51	< 0.02	0.49	0.41	0.05	0.90	71.7	8.9	17.7	2.0	7.72	1.4	0.3	1.2	0.2	0.816	0.1	0.4	< 0.1
A257771	4.03	3.7	1.1	0.77	0.061	0.16	< 0.02	0.36	0.35	0.02	0.61	55.7	6.5	13.5	1.5	6.08	1.2	0.3	1.1	0.2	0.913	0.2	0.5	< 0.1
A257772	4.03	5.1	1.8	1.27	0.069	0.21	< 0.02	0.50	0.41	0.04	0.91	49.2	7.6	15.5	1.8	6.77	1.3	0.3	1.1	0.1	0.882	0.2	0.4	< 0.1
A257773	4.05	3.1	1.0	0.65	0.145	0.17	< 0.02	0.28	0.44	< 0.02	0.52	48.0	6.3	13.6	1.4	5.36	1.0	0.3	1.0	0.1	0.869	0.2	0.4	< 0.1
A257774	3.94	4.1	1.3	1.85	0.071	0.13	0.02	0.39	0.60	0.03	0.72	81.9	6.3	14.9	1.5	5.86	1.2	0.3	1.1	0.2	0.901	0.2	0.4	< 0.1
A257775	3.76	3.6	2.2	2.19	0.214	0.16	< 0.02	0.54	0.43	0.05	0.56	64.8	7.1	14.9	1.7	6.75	1.3	0.3	1.2	0.2	0.875	0.2	0.4	< 0.1
A257776	7.64	2.1	0.7	2.63	0.350	1.71	< 0.02	0.18	0.59	0.10	0.46	94.3	8.0	11.3	1.9	8.05	1.6	0.4	1.7	0.2	1.37	0.3	0.7	< 0.1
A257777	3.74	2.7	0.9	1.37	0.164	0.57	< 0.02	0.43	0.77	0.07	0.80	74.3	8.0	15.7	1.8	6.80	1.3	0.3	1.2	0.2	0.868	0.2	0.4	< 0.1
A257778	4.13	5.8	1.5	1.53	0.011	0.19	< 0.02	0.34	0.61	0.04	0.70	52.4	6.2	12.7	1.4	5.69	1.1	0.3	1.0	0.2	0.905	0.2	0.5	< 0.1
A257779	5.52	2.8	0.9	1.41	0.137	0.54	< 0.02	0.31	0.48	0.06	0.74	77.5	7.5	17.6	1.7	6.85	1.3	0.3	1.3	0.2	1.15	0.2	0.6	< 0.1
A257780	3.08	2.8	0.8	0.85	0.056	0.21	< 0.02	0.31	0.38	0.02	0.52	59.9	5.7	11.1	1.2	4.76	0.9	0.2	0.9	0.1	0.686	0.1	0.3	< 0.1
A257781	4.09	3.1	1.1	1.99	0.158	0.33	< 0.02	0.46	0.32	< 0.02	0.68	85.1	8.1	16.9	2.0	7.65	1.5	0.4	1.2	0.2	0.966	0.2	0.5	< 0.1
A257782	3.61	3.7	1.6	1.30	0.227	0.27	< 0.02	0.50	0.49	0.04	1.32	75.2	9.7	19.2	2.2	8.19	1.5	0.4	1.3	0.2	0.870	0.2	0.4	< 0.1
A257783	3.41	3.5	1.0	1.32	0.093	0.28	< 0.02	0.52	0.55	0.04	0.71	75.7	6.1	12.5	1.4	5.64	1.1	0.3	0.9	0.1	0.741	0.1	0.4	< 0.1
A257784	4.16	2.9	1.8	1.52	0.077	0.19	< 0.02	0.75	0.42	0.02	0.86	82.0	9.2	19.2	2.1	7.74	1.4	0.3	1.2	0.2	0.912	0.2	0.4	< 0.1
A257785	3.77	2.6	1.6	2.40	0.040	0.18	0.02	0.48	1.03	0.03	1.38	109	18.3	37.3	4.0	15.1	2.6	0.6	2.1	0.2	1.05	0.2	0.4	< 0.1
A257786	4.90	5.2	1.2	3.17	0.319	0.44	0.04	0.43	0.69	0.11	1.32	104	6.2	12.9	1.6	6.25	1.3	0.4	1.2	0.2	1.09	0.2	0.6	< 0.1
A257787	14.5	3.0	1.5	1.63	0.685	0.40	< 0.02	0.39	0.26	0.04	0.65	99.0	18.0	27.6	4.3	17.7	3.5	0.9	3.6	0.5	2.85	0.5	1.4	0.2
A257788	3.53	4.2	1.9	1.14	0.075	0.11	< 0.02	0.44	0.21	< 0.02	0.57	64.2	5.9	12.1	1.4	5.53	1.1	0.3	1.0	0.1	0.801	0.1	0.4	< 0.1
A257789	4.21	3.1	1.4	0.46	0.140	0.18	< 0.02	0.37	0.23	0.02	0.44	72.8	6.6	13.7	1.6	6.10	1.2	0.3	1.1	0.2	0.952	0.2	0.5	< 0.1
A257790	5.25	1.8	0.7	0.52	0.506	0.13	< 0.02	0.40	0.15	< 0.02	0.83	115	8.4	16.1	1.9	7.21	1.4	0.4	1.3	0.2	1.05	0.2	0.5	< 0.1
A257791	5.44	2.1	0.9	0.51	0.226	0.10	< 0.02	0.38	0.19	0.06	0.73	107	7.5	14.4	1.8	7.24	1.4	0.4	1.4	0.2	1.13	0.2	0.6	< 0.1
A257792	3.88	2.5	1.3	0.63	0.250	0.09	< 0.02	0.47	0.60	0.05	0.46	124	7.2	14.5	1.6	6.40	1.2	0.3	1.1	0.1	0.847	0.2	0.4	< 0.1
A257793	6.68	2.4	1.1	0.46	0.202	0.11	< 0.02	0.36	0.17	0.04	0.74	96.8	10.3	19.1	2.3	9.35	1.8	0.5	1.8	0.2	1.39	0.3	0.7	< 0.1
A257794	5.90	3.0	1.2	2.38	0.148	0.20	< 0.02	0.34	0.26	0.04	1.06	88.6	6.8	15.9	1.7	7.21	1.5	0.4	1.5	0.2	1.26	0.2	0.7	< 0.1
A257795	6.47	2.9	1.5	1.34	0.305	0.30	< 0.02	0.40	0.22	0.06	1.07	130	9.3	17.7	2.2	8.96	1.8	0.4	1.6	0.2	1.30	0.2	0.7	< 0.1
A257796	8.49	2.8	1.2	2.14	0.211	0.33	< 0.02	0.47	0.32	0.05	0.88	121	11.3	26.4	2.8	11.3	2.3	0.5	2.3	0.3	1.75	0.3	0.9	0.1
A257797	10.1	2.8	1.2	2.11	0.762	1.19	< 0.02	0.44	0.23	0.03	0.68	122	13.2	19.5	3.1	12.2	2.4	0.6	2.5	0.3	1.92	0.4	1.0	0.1
A257798	6.10	2.4	1.0	1.01	0.280	0.39	< 0.02	0.53	0.20	0.03	0.87	152	9.6	17.7	2.2	8.74	1.7	0.4	1.7	0.2	1.31	0.2	0.6	< 0.1
A257799	8.40	2.2	0.6	1.14	0.396	0.19	< 0.02	0.79	0.24	0.05	0.99	154	10.7	20.4	2.7	10.9	2.2	0.6	2.2	0.3	1.77	0.3	0.9	0.1
A257800	8.82	2.7	0.9	2.15	0.243	0.25	< 0.02	0.40	0.26	0.03	0.89	126	9.8	18.8	2.3	9.32	1.9	0.5	1.9	0.3	1.65	0.3	0.9	0.1
A257801	5.55	2.6	1.0	1.56	0.134	0.21	< 0.02	0.35	0.21	0.02	0.72	96.2	8.0	17.8	2.0	8.06	1.6	0.4	1.6	0.2	1.22	0.2	0.6	< 0.1
A257802	7.99	3.1	1.3	2.33	0.352	0.46	0.02	0.56	0.29	0.07	1.08	164	9.8	22.0	2.4	9.91	2.0	0.5	1.9	0.3	1.62	0.3	0.9	0.1
A257803	11.4	2.6	0.2	2.95	0.483	1.12	< 0.02	0.16	0.54	0.05	0.17	171	8.8	8.65	2.1	8.98	2.0	0.5	2.1	0.3	1.71	0.3	0.9	0.1
A257804	5.76	1.9	0.7	0.87	0.224	0.18	< 0.02	0.41	0.11	0.05	0.75	87.8	8.1	14.7	1.9	7.78	1.6	0.4	1.6	0.2	1.26	0.2	0.6	< 0.1
A257805	6.63	2.5	0.8	1.88	0.130	0.20	< 0.02	0.29	0.20	0.03	0.51	79.5	8.7	18.5	2.1	8.29	1.6	0.4	1.6	0.2	1.33	0.3	0.7	< 0.1
A257806	5.34	2.5	1.3	1.12	0.125	0.14	< 0.02	0.43	0.19	0.04	0.72	83.6	8.1	16.6	1.9	7.38	1.5	0.4	1.4	0.2	1.10	0.2	0.6	< 0.1
A257807	5.68	2.8	1.1	1.25	0.117	0.16	< 0.02	0.47	0.30	0.03	0.67	76.3	7.8	19.1	1.9	7.17	1.4	0.3	1.3	0.2	1.17	0.2	0.6	< 0.1
A257808	7.93	2.1	0.1	2.88	0.266	0.33	< 0.02	< 0.05	0.87	0.05	0.08	108	7.0	6.95	1.7	7.28	1.5	0.4	1.7	0.2	1.27	0.3	0.7	< 0.1
A257809	8.67	2.0	0.3	5.33	0.447	0.75	< 0.02	0.11	0.48	0.09	0.33	183	7.8	13.4	1.9	8.08	1.8	0.5	1.9	0.3	1.56	0.3	0.8	0.1
A257810	5.53	3.2	1.2	0.70	0.102	0.19	< 0.02	0.32	0.21	< 0.02	0.69	87.7	5.6	12.2	1.4	5.62	1.2	0.3	1.2	0.2	1.12	0.2	0.6	< 0.1
A257811	4.74	2.5	1.1	0.63	0.092	0.13	< 0.02	0.27	0.21	< 0.02	0.29	84.2	7.0	13.6	1.7	6.71	1.3	0.3	1.2	0.2	0.985	0.2	0.5	< 0.1
A257812	4.53	2.1	0.9	0.34	0.125	0.13	< 0.02	0.26	0.17	< 0.02	0.47	79.7	6.8	12.8	1.5	5.75	1.1	0.3	1.2	0.2	0.951	0.2	0.5	< 0.1

Analyte Symbol	Y	Zr	Nb	Mo	Ag	Cd	In	Sn	Sb	Te	Cs	Ba	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.01	0.1	0.1	0.01	0.002	0.01	0.02	0.05	0.02	0.02	0.02	0.5	0.5	0.01	0.1	0.02	0.1	0.1	0.1	0.1	0.001	0.1	0.1	0.1
Analysis Method	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
A257813	3.87	2.8	1.2	0.54	0.068	0.09	< 0.02	0.29	0.20	< 0.02	0.55	63.6	6.4	12.7	1.5	5.95	1.2	0.3	1.1	0.1	0.853	0.2	0.4	< 0.1
A257814	5.09	1.3	0.9	0.47	0.353	0.23	< 0.02	0.70	0.09	0.02	0.35	144	8.5	16.1	2.0	7.67	1.4	0.4	1.2	0.2	0.998	0.2	0.5	< 0.1
A257815	4.21	3.7	1.3	1.20	0.123	0.11	< 0.02	0.46	0.26	0.05	0.74	91.5	6.0	12.0	1.4	5.66	1.1	0.3	1.0	0.2	0.918	0.2	0.5	< 0.1
A257816	5.85	2.9	1.5	0.70	0.242	0.12	< 0.02	0.44	0.20	< 0.02	0.91	94.3	8.0	15.5	2.0	7.91	1.6	0.4	1.5	0.2	1.14	0.2	0.6	< 0.1
A257817	4.57	2.4	0.8	0.45	0.137	0.19	< 0.02	0.34	0.27	< 0.02	0.61	86.3	7.3	14.8	1.7	6.63	1.3	0.3	1.2	0.2	1.01	0.2	0.5	< 0.1
A257818	3.91	2.2	1.1	0.45	0.142	0.10	< 0.02	0.45	0.14	0.03	1.02	120	7.8	15.6	1.8	6.84	1.3	0.3	1.1	0.1	0.846	0.2	0.4	< 0.1
A257819	2.86	4.3	1.0	0.60	0.078	0.15	0.02	0.41	0.28	< 0.02	0.73	71.9	6.5	13.3	1.5	5.80	1.1	0.3	0.9	0.1	0.648	0.1	0.3	< 0.1
A257820	3.24	3.5	0.8	0.41	0.063	0.11	< 0.02	0.30	0.29	< 0.02	0.61	59.0	5.4	11.1	1.2	4.63	0.9	0.2	0.9	0.1	0.711	0.1	0.4	< 0.1
A257821	3.09	3.9	0.9	0.30	0.034	0.08	< 0.02	0.33	0.27	< 0.02	0.50	48.5	4.7	9.90	1.1	4.30	0.9	0.2	0.8	0.1	0.670	0.1	0.4	< 0.1
A257822	3.87	2.6	1.1	0.52	0.062	0.11	< 0.02	0.40	0.26	0.04	0.62	81.2	6.7	13.5	1.5	5.88	1.1	0.3	1.0	0.1	0.827	0.2	0.4	< 0.1
A257823	2.71	4.8	0.7	0.51	0.046	0.07	< 0.02	0.34	0.26	0.02	0.68	53.2	4.9	9.93	1.1	4.24	0.8	0.2	0.8	0.1	0.602	0.1	0.3	< 0.1
A257824	3.61	3.1	0.8	0.46	0.034	0.11	< 0.02	0.31	0.29	0.02	0.69	58.0	5.3	11.2	1.3	5.01	1.0	0.3	0.9	0.1	0.800	0.2	0.4	< 0.1
A257825	3.91	2.9	1.0	0.66	0.048	0.13	< 0.02	0.35	0.30	< 0.02	0.70	75.9	6.1	12.4	1.4	5.41	1.1	0.3	1.0	0.1	0.887	0.2	0.4	< 0.1

Analyte Symbol	Yb	Lu	Hf	Ta	W	Re	Au	Tl	Pb	Th	U
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm
Detection Limit	0.1	0.1	0.1	0.05	0.1	0.001	0.5	0.02	0.01	0.1	0.1
Analysis Method	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
A257501	0.4	< 0.1	< 0.1	< 0.05	0.2	0.004	4.5	0.07	5.94	1.6	0.4
A257502	0.3	< 0.1	< 0.1	< 0.05	0.2	0.002	1.9	0.05	6.03	1.5	0.4
A257503	0.3	< 0.1	< 0.1	< 0.05	0.3	0.001	1.1	0.06	8.04	1.6	0.4
A257504	0.3	< 0.1	< 0.1	< 0.05	0.2	< 0.001	0.5	0.06	7.64	1.2	0.4
A257505	0.3	< 0.1	< 0.1	< 0.05	0.2	0.001	0.7	0.03	6.38	1.5	0.4
A257506	0.3	< 0.1	< 0.1	< 0.05	0.2	0.001	0.9	0.03	5.22	1.2	0.4
A257507	0.4	< 0.1	< 0.1	< 0.05	0.1	< 0.001	9.8	0.05	6.50	0.3	0.5
A257508	0.3	< 0.1	< 0.1	< 0.05	0.1	0.001	0.8	0.05	6.70	0.3	0.3
A257509	0.3	< 0.1	< 0.1	< 0.05	0.1	0.001	< 0.5	0.06	8.97	0.6	0.3
A257510	0.3	< 0.1	< 0.1	< 0.05	0.2	< 0.001	< 0.5	0.03	5.63	1.1	0.4
A257511	0.4	< 0.1	< 0.1	< 0.05	0.2	< 0.001	0.9	0.03	5.39	1.1	0.4
A257512	0.7	0.1	< 0.1	< 0.05	0.1	0.001	0.5	0.10	9.68	0.9	0.9
A257513	0.3	< 0.1	< 0.1	< 0.05	0.1	0.001	< 0.5	0.04	6.37	0.6	0.3
A257514	0.4	< 0.1	< 0.1	< 0.05	0.1	< 0.001	4.2	0.05	7.41	0.8	0.4
A257515	0.3	< 0.1	< 0.1	< 0.05	0.1	< 0.001	0.5	0.04	6.57	1.0	0.4
A257516	0.3	< 0.1	< 0.1	< 0.05	0.2	0.001	< 0.5	0.02	5.14	1.2	0.4
A257517	0.3	< 0.1	< 0.1	< 0.05	0.1	0.001	< 0.5	0.04	4.94	1.0	0.3
A257518	0.3	< 0.1	< 0.1	< 0.05	0.2	< 0.001	2.8	0.03	5.15	0.8	0.3
A257519	0.3	< 0.1	< 0.1	< 0.05	0.1	0.001	1.2	0.05	5.67	1.3	0.4
A257520	0.3	< 0.1	< 0.1	< 0.05	0.2	0.001	< 0.5	0.05	7.32	1.3	0.3
A257521	0.4	< 0.1	< 0.1	< 0.05	0.2	0.001	0.9	< 0.02	3.34	1.3	0.5
A257522	0.4	< 0.1	< 0.1	< 0.05	< 0.1	0.001	1.4	< 0.02	4.02	0.6	0.5
A257523	0.3	< 0.1	< 0.1	< 0.05	0.2	0.001	6.2	< 0.02	3.91	1.2	0.4
A257524	0.4	< 0.1	< 0.1	< 0.05	0.1	0.001	5.6	< 0.02	3.35	1.0	0.4
A257525	0.4	< 0.1	< 0.1	< 0.05	0.2	< 0.001	< 0.5	< 0.02	3.41	1.2	0.4
A257526	0.3	< 0.1	< 0.1	< 0.05	0.2	0.001	0.7	< 0.02	4.20	1.6	0.4
A257527	0.4	< 0.1	< 0.1	< 0.05	0.3	0.001	1.6	0.27	10.4	1.7	0.6
A257528	0.3	< 0.1	< 0.1	< 0.05	0.2	0.001	< 0.5	0.04	6.94	1.2	0.3
A257529	0.3	< 0.1	< 0.1	< 0.05	0.2	0.002	5.5	0.05	11.7	1.6	0.4
A257530	0.4	< 0.1	< 0.1	< 0.05	0.1	0.001	1.1	0.06	8.23	1.1	0.5
A257531	0.3	< 0.1	< 0.1	< 0.05	0.1	0.001	3.7	0.04	10.9	2.5	0.4
A257532	0.3	< 0.1	< 0.1	< 0.05	0.2	0.001	4.4	< 0.02	4.37	1.3	0.4
A257533	0.2	< 0.1	< 0.1	< 0.05	0.1	< 0.001	< 0.5	0.09	8.22	1.3	0.3
A257534	0.3	< 0.1	< 0.1	< 0.05	0.2	0.001	< 0.5	< 0.02	4.56	1.4	0.4
A257535	0.3	< 0.1	< 0.1	< 0.05	0.2	0.001	0.7	< 0.02	4.76	1.5	0.3
A257536	0.3	< 0.1	< 0.1	< 0.05	0.1	0.001	< 0.5	< 0.02	4.54	1.2	0.3
A257537	0.4	< 0.1	< 0.1	< 0.05	0.1	0.001	1.7	< 0.02	3.25	1.4	0.5
A257538	0.4	< 0.1	< 0.1	< 0.05	0.1	0.001	0.5	0.06	6.66	1.4	0.8
A257539	0.4	< 0.1	< 0.1	< 0.05	0.1	0.001	0.8	0.08	7.40	1.2	0.9
A257540	0.3	< 0.1	< 0.1	< 0.05	0.1	0.002	< 0.5	0.04	8.62	0.9	2.0
A257541	0.3	< 0.1	< 0.1	< 0.05	0.2	0.001	1.1	0.05	7.56	1.0	0.3
A257542	0.2	< 0.1	< 0.1	< 0.05	0.2	< 0.001	5.3	0.08	13.0	1.6	0.4
A257543	0.3	< 0.1	< 0.1	< 0.05	0.2	0.001	< 0.5	0.04	5.96	2.2	0.4
A257544	0.3	< 0.1	< 0.1	< 0.05	0.2	< 0.001	< 0.5	0.08	6.96	1.5	0.3
A257545	0.3	< 0.1	< 0.1	< 0.05	0.2	< 0.001	< 0.5	0.09	6.10	1.4	0.3
A257546	0.3	< 0.1	< 0.1	< 0.05	0.2	0.001	1.1	0.03	5.78	1.2	0.3
A257547	0.2	< 0.1	< 0.1	< 0.05	0.2	0.001	< 0.5	0.08	7.52	0.9	0.3
A257548	0.2	< 0.1	< 0.1	< 0.05	0.2	0.001	2.3	0.03	5.57	0.6	0.3
A257549	0.4	< 0.1	< 0.1	< 0.05	0.2	< 0.001	0.6	< 0.02	5.43	1.6	0.4
A257550	0.3	< 0.1	< 0.1	< 0.05	0.2	0.001	1.9	0.04	6.71	1.3	0.3
A257551	0.3	< 0.1	< 0.1	< 0.05	0.2	0.001	1.2	0.05	6.24	1.0	0.3
A257552	0.4	< 0.1	< 0.1	< 0.05	0.2	0.001	0.6	0.04	5.88	1.6	0.4

Analyte Symbol	Yb	Lu	Hf	Ta	W	Re	Au	Tl	Pb	Th	U
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm
Detection Limit	0.1	0.1	0.1	0.05	0.1	0.001	0.5	0.02	0.01	0.1	0.1
Analysis Method	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
A257553	0.3	< 0.1	< 0.1	< 0.05	0.2	0.001	0.6	0.02	5.07	1.5	0.3
A257554	0.2	< 0.1	< 0.1	< 0.05	0.1	0.001	< 0.5	0.14	11.9	0.8	0.2
A257555	0.3	< 0.1	< 0.1	< 0.05	0.1	< 0.001	< 0.5	0.03	5.64	1.2	0.3
A257556	0.3	< 0.1	< 0.1	< 0.05	0.2	0.001	3.0	0.08	7.91	1.0	0.3
A257557	0.3	< 0.1	< 0.1	< 0.05	0.2	0.001	5.0	0.04	9.85	1.3	0.3
A257558	0.3	< 0.1	< 0.1	< 0.05	0.1	< 0.001	2.4	0.05	9.56	1.7	0.4
A257559	0.5	< 0.1	< 0.1	< 0.05	0.2	0.001	< 0.5	0.06	6.79	1.9	0.6
A257560	0.3	< 0.1	< 0.1	< 0.05	0.1	0.001	10.5	0.03	6.41	1.3	0.3
A257561	0.4	< 0.1	< 0.1	< 0.05	0.2	0.002	2.6	0.05	6.69	1.0	1.3
A257562	0.4	< 0.1	< 0.1	< 0.05	0.2	0.001	1.1	0.04	5.41	1.5	0.3
A257563	0.3	< 0.1	< 0.1	< 0.05	0.1	0.002	< 0.5	0.03	6.83	1.5	0.5
A257564	0.3	< 0.1	< 0.1	< 0.05	0.1	0.001	0.7	0.04	6.15	0.5	0.3
A257565	0.3	< 0.1	< 0.1	< 0.05	0.2	0.005	0.7	0.08	6.46	1.0	0.3
A257566	0.3	< 0.1	< 0.1	< 0.05	0.1	0.002	6.1	0.06	6.35	1.3	0.3
A257567	0.3	< 0.1	< 0.1	< 0.05	0.2	0.001	1.0	0.06	6.73	1.5	0.3
A257568	0.3	< 0.1	< 0.1	< 0.05	0.1	0.001	1.1	0.04	5.93	1.2	0.3
A257569	0.3	< 0.1	< 0.1	< 0.05	0.2	0.002	2.6	0.06	7.00	1.3	0.3
A257570	0.4	< 0.1	< 0.1	< 0.05	0.3	0.001	< 0.5	0.13	16.7	1.9	0.5
A257571	0.3	< 0.1	< 0.1	< 0.05	< 0.1	0.001	< 0.5	0.03	6.34	0.7	0.3
A257572	0.2	< 0.1	< 0.1	< 0.05	0.1	0.001	< 0.5	< 0.02	7.16	1.1	0.3
A257573	0.6	< 0.1	< 0.1	< 0.05	0.2	0.003	1.2	0.06	11.1	1.0	2.7
A257574	0.5	< 0.1	< 0.1	< 0.05	0.2	0.001	6.7	0.06	10.6	0.8	1.0
A257575	0.2	< 0.1	< 0.1	< 0.05	0.1	0.001	0.9	< 0.02	5.60	1.3	0.3
A257576	0.2	< 0.1	< 0.1	< 0.05	0.1	0.001	2.0	< 0.02	5.52	1.3	0.3
A257577	0.5	< 0.1	< 0.1	< 0.05	0.1	0.001	3.4	< 0.02	2.82	0.9	0.5
A257578	0.3	< 0.1	< 0.1	< 0.05	0.1	< 0.001	< 0.5	< 0.02	3.86	0.9	0.4
A257579	0.4	< 0.1	< 0.1	< 0.05	0.2	0.001	0.8	< 0.02	3.67	0.7	0.5
A257580	1.0	0.1	< 0.1	< 0.05	0.1	0.003	0.9	0.04	4.90	1.0	2.0
A257581	1.0	0.1	< 0.1	< 0.05	< 0.1	0.001	0.9	0.03	5.19	1.0	2.7
A257582	0.3	< 0.1	< 0.1	< 0.05	0.1	0.001	< 0.5	< 0.02	5.68	1.3	0.4
A257583	0.3	< 0.1	< 0.1	< 0.05	0.1	0.001	< 0.5	< 0.02	8.34	1.3	0.4
A257584	0.3	< 0.1	< 0.1	< 0.05	0.2	0.002	< 0.5	0.05	7.02	1.6	0.3
A257585	0.4	< 0.1	< 0.1	< 0.05	0.2	< 0.001	< 0.5	< 0.02	4.08	1.9	0.4
A257586	0.3	< 0.1	< 0.1	< 0.05	0.6	< 0.001	< 0.5	< 0.02	4.53	0.8	0.4
A257587	0.3	< 0.1	< 0.1	< 0.05	0.2	0.001	< 0.5	< 0.02	4.22	1.3	0.4
A257588	0.3	< 0.1	< 0.1	< 0.05	0.1	< 0.001	< 0.5	< 0.02	3.81	1.4	0.4
A257589	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 0.5	< 0.02	3.61	0.8	0.3
A257590	0.3	< 0.1	< 0.1	< 0.05	0.1	0.001	24.5	< 0.02	3.99	1.2	0.3
A257591	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 0.5	< 0.02	3.41	0.5	0.4
A257592	0.8	0.1	< 0.1	< 0.05	< 0.1	0.001	5.1	< 0.02	4.20	0.6	4.5
A257593	0.4	< 0.1	< 0.1	< 0.05	0.2	0.001	< 0.5	< 0.02	3.46	1.1	0.4
A257594	0.4	< 0.1	< 0.1	< 0.05	0.1	< 0.001	2.3	< 0.02	2.85	1.0	0.3
A257595	0.5	< 0.1	< 0.1	< 0.05	0.1	0.001	0.6	< 0.02	4.15	0.9	0.6
A257596	0.3	< 0.1	< 0.1	< 0.05	0.1	0.001	< 0.5	< 0.02	4.21	0.7	0.3
A257597	1.0	0.1	< 0.1	< 0.05	< 0.1	< 0.001	1.2	< 0.02	4.24	0.6	1.5
A257598	0.5	< 0.1	< 0.1	< 0.05	0.1	< 0.001	2.0	< 0.02	2.91	0.6	0.5
A257599	0.3	< 0.1	< 0.1	< 0.05	< 0.1	0.001	< 0.5	< 0.02	3.55	0.3	0.4
A257600	0.4	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	0.8	< 0.02	3.26	0.6	0.5
A257601	0.4	< 0.1	< 0.1	< 0.05	0.1	< 0.001	1.9	< 0.02	3.21	1.0	0.4
A257602	0.3	< 0.1	< 0.1	< 0.05	< 0.1	0.001	< 0.5	< 0.02	3.91	1.0	0.3
A257603	0.4	< 0.1	< 0.1	< 0.05	0.1	0.001	1.3	< 0.02	2.73	0.8	0.4
A257604	1.7	0.3	< 0.1	< 0.05	0.1	0.003	4.6	0.07	4.22	0.6	3.0

Analyte Symbol	Yb	Lu	Hf	Ta	W	Re	Au	Tl	Pb	Th	U
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm
Detection Limit	0.1	0.1	0.1	0.05	0.1	0.001	0.5	0.02	0.01	0.1	0.1
Analysis Method	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
A257605	0.3	< 0.1	< 0.1	< 0.05	0.2	0.002	< 0.5	< 0.02	4.13	0.9	0.3
A257606	0.3	< 0.1	< 0.1	< 0.05	0.2	< 0.001	0.6	< 0.02	4.52	1.4	0.3
A257607	0.3	< 0.1	< 0.1	< 0.05	0.2	0.001	< 0.5	< 0.02	3.71	1.3	0.3
A257608	0.3	< 0.1	< 0.1	< 0.05	0.2	0.001	1.1	< 0.02	4.59	1.6	0.3
A257609	0.3	< 0.1	< 0.1	< 0.05	0.3	0.001	1.8	< 0.02	4.19	1.2	0.3
A257610	0.3	< 0.1	< 0.1	< 0.05	0.1	0.001	5.0	< 0.02	3.55	1.3	0.3
A257611	0.3	< 0.1	< 0.1	< 0.05	0.1	< 0.001	1.7	< 0.02	3.90	0.8	0.3
A257612	0.4	< 0.1	< 0.1	< 0.05	0.2	0.001	< 0.5	< 0.02	3.55	1.1	0.4
A257613	0.3	< 0.1	< 0.1	< 0.05	0.2	0.001	0.6	< 0.02	5.40	0.7	0.3
A257614	0.3	< 0.1	< 0.1	< 0.05	0.1	0.001	< 0.5	0.06	4.55	2.0	0.3
A257615	0.3	< 0.1	< 0.1	< 0.05	0.1	< 0.001	< 0.5	< 0.02	4.65	1.8	0.4
A257616	0.4	< 0.1	< 0.1	< 0.05	0.2	0.001	1.4	< 0.02	5.90	1.4	0.4
A257617	0.3	< 0.1	< 0.1	< 0.05	0.1	0.001	0.6	< 0.02	5.04	1.4	0.3
A257618	0.4	< 0.1	< 0.1	< 0.05	0.2	0.001	1.5	0.03	7.04	1.6	0.4
A257619	0.4	< 0.1	< 0.1	< 0.05	0.1	0.001	< 0.5	0.03	5.33	1.5	0.3
A257620	0.4	< 0.1	< 0.1	< 0.05	0.1	0.001	0.5	< 0.02	4.77	1.1	0.4
A257621	0.4	< 0.1	< 0.1	< 0.05	0.2	0.002	1.0	< 0.02	4.24	1.4	0.4
A257622	0.4	< 0.1	< 0.1	< 0.05	0.1	0.001	4.8	0.05	5.45	0.9	0.5
A257623	0.4	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 0.5	0.06	6.51	1.9	0.5
A257624	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	12.4	0.06	7.62	2.7	0.4
A257625	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	0.9	0.03	9.02	1.8	0.4
A257626	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	2.7	0.02	4.57	1.8	0.4
A257627	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	6.5	0.03	5.03	1.6	0.4
A257628	0.3	< 0.1	< 0.1	< 0.05	0.1	< 0.001	< 0.5	0.04	7.06	2.1	0.4
A257629	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	0.9	0.02	4.79	2.2	0.4
A257630	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	0.8	0.04	6.14	2.6	0.4
A257631	0.3	< 0.1	< 0.1	< 0.05	0.1	< 0.001	1.0	0.03	6.85	2.2	0.4
A257632	0.4	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 0.5	0.03	6.28	1.8	0.5
A257633	0.3	< 0.1	< 0.1	< 0.05	0.1	< 0.001	0.7	0.02	5.03	1.9	0.5
A257634	0.4	< 0.1	< 0.1	< 0.05	0.3	< 0.001	5.0	0.03	5.41	2.3	0.5
A257635	0.4	< 0.1	< 0.1	< 0.05	0.1	< 0.001	1.3	0.04	5.16	1.5	0.4
A257636	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	1.8	0.08	8.25	1.5	0.4
A257637	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	2.3	0.08	8.69	1.1	0.4
A257638	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	2.4	0.12	11.5	1.8	0.4
A257639	0.7	< 0.1	< 0.1	< 0.05	< 0.1	0.001	1.0	0.08	7.73	1.4	1.8
A257640	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	7.8	0.07	7.72	1.8	0.4
A257641	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	5.7	0.08	10.0	1.8	0.4
A257642	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 0.5	0.08	8.67	1.6	0.4
A257643	0.4	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	1.0	0.05	12.5	1.9	0.5
A257644	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	2.5	0.07	9.95	1.2	0.4
A257645	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	0.9	0.03	6.05	1.2	0.4
A257646	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	0.5	0.04	7.48	1.5	0.4
A257647	0.5	< 0.1	< 0.1	< 0.05	< 0.1	0.002	2.8	0.07	8.35	1.7	1.3
A257648	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	1.2	0.03	5.55	1.3	0.5
A257649	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	1.0	0.05	6.11	1.9	0.4
A257650	0.3	< 0.1	< 0.1	< 0.05	0.1	< 0.001	5.2	< 0.02	5.32	1.8	0.4
A257651	0.4	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	1.3	0.02	4.27	1.6	0.5
A257652	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	0.8	0.04	5.50	1.8	0.4
A257653	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	1.9	0.02	5.17	1.5	0.4
A257654	0.4	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	1.2	< 0.02	4.02	1.7	0.5
A257655	0.4	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	0.9	0.03	6.26	1.6	0.5
A257656	0.6	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	2.3	0.04	4.42	1.1	1.0

Analyte Symbol	Yb	Lu	Hf	Ta	W	Re	Au	Tl	Pb	Th	U
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm
Detection Limit	0.1	0.1	0.1	0.05	0.1	0.001	0.5	0.02	0.01	0.1	0.1
Analysis Method	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
A257657	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	1.3	0.02	4.24	1.5	0.4
A257658	0.5	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	0.7	0.21	10.8	1.5	0.7
A257659	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	4.2	0.04	5.92	1.5	0.4
A257660	0.4	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	1.2	0.02	5.51	1.2	0.5
A257661	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	0.7	< 0.02	5.33	1.1	0.4
A257662	0.5	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 0.5	< 0.02	4.01	0.6	0.5
A257663	0.5	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	0.9	< 0.02	3.77	0.6	0.6
A257664	0.4	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	2.9	0.02	3.84	1.4	0.5
A257665	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	0.9	< 0.02	4.87	1.0	0.5
A257666	0.6	< 0.1	< 0.1	< 0.05	< 0.1	0.001	0.7	< 0.02	4.77	0.8	1.1
A257667	0.5	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	7.1	0.02	3.90	1.6	0.5
A257668	0.6	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	0.8	0.02	4.75	1.3	1.1
A257669	0.5	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	0.9	< 0.02	3.93	0.8	0.6
A257670	0.4	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	0.6	< 0.02	3.88	0.5	0.7
A257671	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	0.8	0.03	5.48	1.6	0.6
A257672	0.4	< 0.1	< 0.1	< 0.05	< 0.1	0.001	< 0.5	< 0.02	4.71	0.6	1.0
A257673	0.6	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	1.4	0.04	4.97	2.4	1.7
A257674	1.1	0.2	< 0.1	< 0.05	< 0.1	0.002	1.4	0.04	4.85	0.8	1.9
A257675	0.5	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	1.0	< 0.02	4.76	1.1	1.2
A257676	0.4	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	0.5	< 0.02	3.52	0.6	0.5
A257677	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	1.1	< 0.02	3.96	0.7	0.6
A257678	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 0.5	0.08	7.87	1.2	0.4
A257679	0.4	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	12.1	0.08	13.7	2.0	0.5
A257680	0.4	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	1.0	0.07	8.60	1.8	0.5
A257681	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	1.2	0.06	7.40	2.2	0.5
A257682	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	0.8	0.07	9.47	1.1	0.4
A257683	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	2.8	0.06	6.46	1.0	0.5
A257684	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	1.3	0.07	6.24	1.0	0.5
A257685	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	1.8	0.07	8.30	1.8	0.4
A257686	0.3	< 0.1	< 0.1	< 0.05	0.1	< 0.001	1.9	0.07	8.18	1.4	0.5
A257687	0.3	< 0.1	< 0.1	< 0.05	0.1	< 0.001	1.6	0.07	12.4	1.8	0.4
A257688	0.3	< 0.1	< 0.1	< 0.05	0.1	< 0.001	1.2	0.09	7.99	1.7	0.4
A257689	0.2	< 0.1	< 0.1	< 0.05	0.1	< 0.001	0.8	0.19	14.2	0.6	0.4
A257690	0.3	< 0.1	< 0.1	< 0.05	0.1	< 0.001	0.8	0.07	8.40	1.4	0.4
A257691	0.4	< 0.1	< 0.1	< 0.05	0.2	< 0.001	0.8	0.06	9.38	2.4	0.5
A257692	0.2	< 0.1	< 0.1	< 0.05	0.1	< 0.001	0.6	0.05	7.32	0.9	0.4
A257693	0.3	< 0.1	< 0.1	< 0.05	0.1	< 0.001	3.0	0.07	10.2	1.6	0.5
A257694	0.3	< 0.1	< 0.1	< 0.05	0.1	< 0.001	3.6	0.08	12.1	1.8	0.5
A257695	0.4	< 0.1	< 0.1	< 0.05	0.2	< 0.001	1.3	0.06	6.90	1.4	0.4
A257696	0.3	< 0.1	< 0.1	< 0.05	0.2	< 0.001	3.0	0.07	7.38	1.7	0.4
A257697	0.3	< 0.1	< 0.1	< 0.05	0.1	< 0.001	3.9	0.06	8.17	2.5	0.4
A257698	0.3	< 0.1	< 0.1	< 0.05	0.2	< 0.001	1.9	0.13	12.5	0.8	0.4
A257699	0.4	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	2.0	0.10	11.0	2.2	0.8
A257700	0.3	< 0.1	< 0.1	< 0.05	0.1	< 0.001	1.2	0.04	6.32	1.0	0.4
A257701	0.3	< 0.1	< 0.1	< 0.05	0.2	< 0.001	26.9	0.05	6.41	1.1	0.5
A257702	0.7	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	6.2	0.02	3.71	0.9	1.2
A257703	0.7	0.1	< 0.1	< 0.05	< 0.1	< 0.001	2.9	0.03	4.43	1.2	1.2
A257704	0.5	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	6.5	0.03	3.74	1.1	0.7
A257705	0.5	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	1.9	< 0.02	3.07	0.8	0.7
A257706	0.4	< 0.1	< 0.1	< 0.05	0.1	< 0.001	1.8	< 0.02	5.76	0.9	0.5
A257707	0.4	< 0.1	< 0.1	< 0.05	0.1	< 0.001	1.3	< 0.02	3.47	1.6	0.5
A257708	0.5	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	1.5	0.02	3.13	1.0	0.8

Analyte Symbol	Yb	Lu	Hf	Ta	W	Re	Au	Tl	Pb	Th	U
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm
Detection Limit	0.1	0.1	0.1	0.05	0.1	0.001	0.5	0.02	0.01	0.1	0.1
Analysis Method	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
A257709	0.4	< 0.1	< 0.1	< 0.05	0.1	< 0.001	2.3	< 0.02	3.90	1.2	0.5
A257710	0.3	< 0.1	< 0.1	< 0.05	0.2	< 0.001	1.4	< 0.02	3.52	1.2	0.4
A257711	0.8	0.1	< 0.1	< 0.05	0.1	< 0.001	2.2	0.03	4.22	0.8	1.3
A257712	0.6	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	1.9	< 0.02	4.28	0.8	0.7
A257713	0.3	< 0.1	< 0.1	< 0.05	0.1	< 0.001	0.9	0.02	3.75	1.2	0.5
A257714	0.3	< 0.1	< 0.1	< 0.05	0.1	< 0.001	0.9	< 0.02	4.58	1.7	0.4
A257715	0.3	< 0.1	< 0.1	< 0.05	0.1	< 0.001	2.2	< 0.02	3.61	1.5	0.5
A257716	0.4	< 0.1	< 0.1	< 0.05	0.1	< 0.001	0.9	< 0.02	4.57	1.8	0.6
A257717	0.3	< 0.1	< 0.1	< 0.05	0.1	< 0.001	0.8	< 0.02	4.57	1.5	0.4
A257718	0.3	< 0.1	< 0.1	< 0.05	0.2	< 0.001	1.3	< 0.02	4.51	1.6	0.4
A257719	0.3	< 0.1	< 0.1	< 0.05	0.2	< 0.001	0.5	< 0.02	4.86	1.9	0.4
A257720	0.3	< 0.1	< 0.1	< 0.05	0.2	< 0.001	1.3	0.04	5.95	1.7	0.4
A257721	0.3	< 0.1	< 0.1	< 0.05	0.1	< 0.001	1.9	0.06	7.47	1.5	0.3
A257722	0.4	< 0.1	< 0.1	< 0.05	0.2	< 0.001	1.3	< 0.02	4.06	1.8	0.5
A257723	0.4	< 0.1	< 0.1	< 0.05	0.1	< 0.001	1.7	< 0.02	3.68	1.5	0.6
A257724	0.3	< 0.1	< 0.1	< 0.05	0.1	< 0.001	0.8	< 0.02	3.80	1.1	0.5
A257725	0.4	< 0.1	< 0.1	< 0.05	0.1	< 0.001	1.4	< 0.02	3.79	1.5	0.5
A257726	0.5	< 0.1	< 0.1	< 0.05	0.1	< 0.001	2.0	< 0.02	4.22	0.8	0.7
A257727	0.6	< 0.1	< 0.1	< 0.05	0.2	< 0.001	3.8	< 0.02	4.27	0.7	1.3
A257728	0.4	< 0.1	< 0.1	< 0.05	0.2	< 0.001	1.9	< 0.02	3.93	1.5	0.5
A257729	0.3	< 0.1	< 0.1	< 0.05	0.1	< 0.001	2.2	0.02	4.47	1.8	0.5
A257730	0.4	< 0.1	< 0.1	< 0.05	0.1	< 0.001	1.0	< 0.02	3.81	1.5	0.5
A257731	0.8	0.1	< 0.1	< 0.05	< 0.1	0.002	1.1	< 0.02	4.26	0.6	1.2
A257732	0.9	0.1	< 0.1	< 0.05	0.1	< 0.001	3.8	0.03	4.75	1.1	1.7
A257733	0.6	< 0.1	< 0.1	< 0.05	0.1	0.002	1.3	< 0.02	3.02	0.5	1.8
A257734	0.4	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	4.3	< 0.02	4.34	0.5	0.5
A257735	2.3	0.3	< 0.1	< 0.05	0.1	0.004	3.6	0.04	5.06	0.8	4.2
A257736	0.5	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	0.7	< 0.02	6.01	0.8	1.2
A257737	0.3	< 0.1	< 0.1	< 0.05	0.2	< 0.001	1.4	< 0.02	3.78	1.2	0.5
A257738	0.5	< 0.1	< 0.1	< 0.05	0.1	< 0.001	0.7	< 0.02	3.62	0.5	0.5
A257739	0.4	< 0.1	< 0.1	< 0.05	0.2	< 0.001	2.2	< 0.02	3.32	0.6	0.5
A257740	0.4	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	1.7	< 0.02	3.36	0.9	0.5
A257741	0.3	< 0.1	< 0.1	< 0.05	0.1	< 0.001	1.6	< 0.02	3.28	0.5	0.4
A257742	0.7	0.1	< 0.1	< 0.05	< 0.1	< 0.001	1.8	< 0.02	4.47	0.4	1.4
A257743	1.4	0.2	< 0.1	< 0.05	< 0.1	0.002	2.2	0.06	4.01	0.4	2.5
A257744	0.4	< 0.1	< 0.1	< 0.05	< 0.1	0.001	0.7	0.03	3.62	1.1	0.5
A257745	0.4	< 0.1	< 0.1	< 0.05	< 0.1	0.001	2.3	< 0.02	2.91	1.3	0.5
A257746	0.4	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 0.5	0.03	3.94	1.1	0.5
A257747	0.4	< 0.1	< 0.1	< 0.05	< 0.1	0.001	0.8	< 0.02	3.99	1.5	0.5
A257748	0.4	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	1.2	0.04	4.05	1.6	0.5
A257749	0.4	< 0.1	< 0.1	< 0.05	< 0.1	0.001	3.6	0.04	5.17	1.9	0.5
A257750	0.8	0.1	< 0.1	< 0.05	< 0.1	0.004	< 0.5	0.03	2.62	0.4	5.3
A257751	0.4	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	0.9	0.02	5.26	1.9	0.4
A257752	0.4	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	1.6	0.06	5.77	1.1	0.4
A257753	0.5	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	2.1	0.03	3.98	0.8	0.5
A257754	0.4	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	1.9	0.03	4.20	1.8	0.5
A257755	0.7	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 0.5	0.03	4.12	0.5	1.1
A257756	0.4	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	7.7	< 0.02	3.38	0.3	0.6
A257757	0.4	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	1.4	< 0.02	2.90	0.6	0.5
A257758	0.5	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	0.6	< 0.02	3.28	0.9	0.7
A257759	0.5	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	16.8	0.03	2.04	0.5	0.8
A257760	0.7	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	1.0	0.02	5.36	0.6	1.2

Analyte Symbol	Yb	Lu	Hf	Ta	W	Re	Au	Tl	Pb	Th	U
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm
Detection Limit	0.1	0.1	0.1	0.05	0.1	0.001	0.5	0.02	0.01	0.1	0.1
Analysis Method	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
A257761	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 0.5	0.06	9.36	1.6	0.4
A257762	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	1.9	0.05	9.80	1.5	0.4
A257763	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	1.5	0.07	8.59	2.1	0.4
A257764	0.4	< 0.1	< 0.1	< 0.05	< 0.1	0.001	0.6	0.07	8.58	2.1	0.5
A257765	0.7	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	7.1	0.07	7.75	1.3	0.8
A257766	0.3	< 0.1	< 0.1	< 0.05	< 0.1	0.001	2.2	0.04	6.36	1.7	0.4
A257767	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 0.5	0.06	9.78	1.5	0.3
A257768	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 0.5	0.05	8.22	1.7	0.3
A257769	0.4	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 0.5	0.14	10.4	1.3	0.3
A257770	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	0.7	0.05	8.28	2.0	0.4
A257771	0.4	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	3.0	0.03	4.26	1.6	0.4
A257772	0.4	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	1.2	0.06	6.93	1.8	0.5
A257773	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	0.6	< 0.02	4.16	1.4	0.4
A257774	0.4	< 0.1	< 0.1	< 0.05	< 0.1	0.001	0.7	0.05	6.37	1.7	0.4
A257775	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	1.6	0.08	9.39	1.5	0.5
A257776	0.5	< 0.1	< 0.1	< 0.05	< 0.1	0.006	2.0	< 0.02	3.37	0.3	4.6
A257777	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	0.8	0.06	8.26	1.4	0.4
A257778	0.4	< 0.1	< 0.1	< 0.05	< 0.1	0.001	0.6	0.05	5.68	1.9	0.5
A257779	0.5	< 0.1	< 0.1	< 0.05	< 0.1	0.001	< 0.5	0.03	8.55	0.9	1.5
A257780	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	3.5	< 0.02	4.88	1.4	0.4
A257781	0.4	< 0.1	< 0.1	< 0.05	< 0.1	0.001	0.6	0.07	5.67	1.7	0.6
A257782	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	7.9	0.07	9.22	2.5	0.5
A257783	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	1.1	0.04	6.53	1.5	0.4
A257784	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	0.9	0.08	5.67	1.6	0.5
A257785	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	7.8	0.10	10.7	2.3	0.7
A257786	0.4	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	3.9	0.08	7.35	2.0	0.5
A257787	1.0	0.1	< 0.1	< 0.05	< 0.1	0.003	< 0.5	< 0.02	4.85	0.8	2.7
A257788	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 0.5	< 0.02	5.00	1.3	0.5
A257789	0.4	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	1.1	< 0.02	3.74	0.8	0.5
A257790	0.4	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 0.5	< 0.02	3.98	0.2	0.6
A257791	0.4	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 0.5	< 0.02	3.40	0.4	0.5
A257792	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 0.5	< 0.02	4.62	0.5	0.6
A257793	0.5	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	0.5	< 0.02	3.91	0.6	0.6
A257794	0.5	< 0.1	< 0.1	< 0.05	< 0.1	0.001	< 0.5	0.03	5.93	0.6	1.3
A257795	0.5	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 0.5	< 0.02	4.99	0.6	0.8
A257796	0.7	< 0.1	< 0.1	< 0.05	< 0.1	0.002	< 0.5	< 0.02	6.05	0.9	1.1
A257797	0.7	< 0.1	< 0.1	< 0.05	< 0.1	0.001	< 0.5	< 0.02	4.50	0.5	1.1
A257798	0.5	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 0.5	< 0.02	4.66	0.6	1.0
A257799	0.7	0.1	< 0.1	< 0.05	< 0.1	0.001	< 0.5	0.03	4.89	0.5	1.0
A257800	0.7	0.1	< 0.1	< 0.05	< 0.1	0.001	0.7	< 0.02	4.50	0.6	1.0
A257801	0.5	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 0.5	< 0.02	3.81	0.7	0.6
A257802	0.7	< 0.1	< 0.1	< 0.05	< 0.1	0.001	< 0.5	0.03	6.83	0.6	1.0
A257803	0.7	0.1	< 0.1	< 0.05	< 0.1	0.006	1.7	0.05	1.81	0.2	4.7
A257804	0.4	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 0.5	< 0.02	3.28	0.2	0.8
A257805	0.5	< 0.1	< 0.1	< 0.05	< 0.1	0.002	< 0.5	< 0.02	3.62	0.5	1.0
A257806	0.4	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 0.5	< 0.02	3.97	0.5	0.5
A257807	0.5	< 0.1	< 0.1	< 0.05	0.2	< 0.001	1.0	0.03	3.61	0.5	0.6
A257808	0.5	< 0.1	< 0.1	< 0.05	< 0.1	0.008	< 0.5	0.03	1.35	0.2	2.2
A257809	0.7	0.1	< 0.1	< 0.05	0.1	0.003	< 0.5	0.05	3.77	0.1	4.5
A257810	0.5	< 0.1	< 0.1	< 0.05	0.2	< 0.001	< 0.5	< 0.02	3.55	0.4	0.5
A257811	0.4	< 0.1	< 0.1	< 0.05	0.2	< 0.001	5.5	0.02	3.21	0.5	0.5
A257812	0.3	< 0.1	< 0.1	< 0.05	0.1	< 0.001	< 0.5	< 0.02	2.66	0.3	0.6

Analyte Symbol	Yb	Lu	Hf	Ta	W	Re	Au	Tl	Pb	Th	U
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm
Detection Limit	0.1	0.1	0.1	0.05	0.1	0.001	0.5	0.02	0.01	0.1	0.1
Analysis Method	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
A257813	0.3	< 0.1	< 0.1	< 0.05	0.2	< 0.001	< 0.5	0.03	3.23	1.0	0.5
A257814	0.4	< 0.1	< 0.1	< 0.05	0.1	< 0.001	< 0.5	< 0.02	5.49	0.2	0.7
A257815	0.3	< 0.1	< 0.1	< 0.05	0.2	0.001	1.8	0.04	4.17	1.0	0.4
A257816	0.5	< 0.1	< 0.1	< 0.05	0.2	< 0.001	1.4	0.04	4.71	0.9	0.6
A257817	0.4	< 0.1	< 0.1	< 0.05	0.2	< 0.001	11.9	0.03	4.07	0.4	0.5
A257818	0.3	< 0.1	< 0.1	< 0.05	0.1	< 0.001	< 0.5	0.05	4.01	0.7	0.4
A257819	0.3	< 0.1	< 0.1	< 0.05	0.2	< 0.001	< 0.5	0.03	5.37	1.9	0.4
A257820	0.3	< 0.1	< 0.1	< 0.05	0.2	< 0.001	< 0.5	0.02	5.03	1.6	0.4
A257821	0.3	< 0.1	< 0.1	< 0.05	0.1	< 0.001	< 0.5	< 0.02	3.46	1.4	0.4
A257822	0.3	< 0.1	< 0.1	< 0.05	0.2	< 0.001	< 0.5	0.03	4.43	1.3	0.4
A257823	0.3	< 0.1	< 0.1	< 0.05	0.2	< 0.001	< 0.5	0.02	4.03	1.7	0.4
A257824	0.3	< 0.1	< 0.1	< 0.05	0.2	< 0.001	1.5	0.03	3.99	1.5	0.4
A257825	0.4	< 0.1	< 0.1	< 0.05	0.2	0.001	1.8	0.04	3.80	1.1	0.5

Quality Control

Analyte Symbol	Li	Be	B	Na	Mg	Al	K	Bi	Ca	Sc	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Rb	Sr
Unit Symbol	ppm	ppm	ppm	%	%	%	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.1	0.1	1	0.001	0.01	0.01	0.01	0.02	0.01	0.1	1	0.5	1	0.01	0.1	0.1	0.01	0.1	0.02	0.1	0.1	0.1	0.1	0.5
Analysis Method	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
GXR-1 Meas	4.8	0.8	13	0.049	0.13	0.35	0.03	1560	0.82	1.2	77	9.5	876	25.1	8.2	40.6	1080	756	3.69		369	16.7	2.2	193
GXR-1 Cert	8.20	1.22	15.0	0.0520	0.217	3.52	0.0500	1380	0.960	1.58	80.0	12.0	852	23.6	8.20	41.0	1110	760	13.8		427	16.6	14.0	275
GXR-1 Meas	4.4	0.8	10	0.048	0.13	0.32	0.03	1540	0.77	1.1	77	7.6	883	23.7	7.7	38.5	1030	728	4.08		393	16.8	2.0	155
GXR-1 Cert	8.20	1.22	15.0	0.0520	0.217	3.52	0.0500	1380	0.960	1.58	80.0	12.0	852	23.6	8.20	41.0	1110	760	13.8		427	16.6	14.0	275
GXR-4 Meas	9.6	1.3	4	0.152	1.64	2.99	1.95	19.7	0.95	7.6	88	61.4	142	3.12	15.2	41.3	6670	73.2	12.3		91.1	5.4	97.0	73.3
GXR-4 Cert	11.1	1.90	4.50	0.564	1.66	7.20	4.01	19.0	1.01	7.70	87.0	64.0	155	3.09	14.6	42.0	6520	73.0	20.0		98.0	5.60	160	221
GXR-4 Meas	9.5	1.5	3	0.133	1.72	2.86	1.79	19.4	0.86	7.0	84	61.1	147	2.97	14.3	41.9	6390	72.8	12.0		99.5	5.5	91.6	63.6
GXR-4 Cert	11.1	1.90	4.50	0.564	1.66	7.20	4.01	19.0	1.01	7.70	87.0	64.0	155	3.09	14.6	42.0	6520	73.0	20.0		98.0	5.60	160	221
GXR-6 Meas	25.1	0.8	5	0.075	0.38	7.37	1.22	0.15	0.16	24.1	170	79.9	1070	5.56	13.8	23.4	60.7	118	17.9		201	0.5	64.9	30.9
GXR-6 Cert	32.0	1.40	9.80	0.104	0.609	17.7	1.87	0.290	0.180	27.6	186	96.0	1010	5.58	13.8	27.0	66.0	118	35.0		330	0.940	90.0	35.0
GXR-6 Meas	27.1	0.9	4	0.078	0.44	7.94	1.25	0.15	0.15	25.1	181	84.5	1080	5.58	14.4	25.2	65.2	123	17.4		244	0.3	65.1	29.7
GXR-6 Cert	32.0	1.40	9.80	0.104	0.609	17.7	1.87	0.290	0.180	27.6	186	96.0	1010	5.58	13.8	27.0	66.0	118	35.0		330	0.940	90.0	35.0
A257513 Orig	11.5	0.3	3	0.024	0.41	1.74	0.09	0.07	0.43	3.2	84	37.8	244	3.46	7.1	18.0	23.1	71.1	5.39	< 0.1	19.8	< 0.1	7.9	32.9
A257513 Dup	11.8	0.4	3	0.025	0.42	1.78	0.10	0.06	0.46	3.3	87	39.2	262	3.71	7.4	18.6	23.6	73.0	5.62	< 0.1	20.2	0.2	8.3	34.7
A257527 Orig	16.2	0.6	2	0.024	0.55	2.28	0.09	0.09	0.42	3.8	97	35.2	371	4.71	11.9	57.9	36.8	93.0	6.49	0.2	21.2	< 0.1	13.2	29.1
A257527 Dup	17.5	0.5	3	0.024	0.58	2.42	0.10	0.10	0.46	4.2	103	37.0	403	5.09	13.1	63.6	40.7	101	6.77	0.2	22.8	0.3	14.4	31.5
A257540 Orig	12.1	0.3	2	0.024	0.29	1.72	0.05	0.10	0.98	2.9	78	28.4	161	2.46	6.4	10.4	13.1	46.3	6.51	< 0.1	14.0	0.1	5.9	60.9
A257540 Dup	13.8	0.3	2	0.026	0.33	2.00	0.06	0.10	1.06	3.4	85	31.7	183	2.69	7.3	11.4	14.3	51.9	7.31	0.1	14.4	0.2	6.8	67.0
A257554 Orig	2.1	0.3	2	0.020	0.12	0.89	0.07	0.12	0.21	2.6	59	19.1	165	3.79	6.4	38.3	29.8	60.5	3.79	0.2	13.7	0.2	7.9	19.6
A257554 Dup	1.8	0.2	1	0.013	0.11	0.80	0.06	0.13	0.19	2.1	53	17.4	158	3.75	6.2	36.7	29.0	58.1	3.45	0.2	12.3	< 0.1	6.5	16.0
A257577 Orig	6.8	0.3	3	0.036	0.46	1.37	0.05	0.02	0.71	3.5	89	35.3	290	2.41	7.6	16.3	19.9	23.4	4.88	0.1	3.5	0.4	4.3	51.5
A257577 Dup	6.8	0.3	3	0.030	0.46	1.33	0.04	< 0.02	0.69	3.4	89	34.7	278	2.32	7.5	16.3	19.6	23.3	4.80	0.1	3.6	0.2	4.0	47.8
A257591 Orig	9.5	0.3	3	0.026	0.49	1.42	0.08	0.02	0.70	2.8	98	40.5	229	2.78	7.5	18.5	21.6	28.8	5.52	< 0.1	4.2	0.3	8.4	49.4
A257591 Dup	9.3	0.3	4	0.029	0.48	1.40	0.07	0.02	0.67	2.8	97	44.4	227	2.68	7.2	17.8	21.1	30.1	5.36	< 0.1	4.3	0.3	7.9	49.5
A257604 Orig	18.5	0.6	4	0.040	0.51	2.13	0.05	0.07	1.62	4.7	64	45.6	472	2.44	7.8	30.0	144	44.7	4.67	0.2	8.4	1.8	6.7	65.3
A257604 Dup	18.2	0.6	3	0.038	0.47	2.03	0.05	0.08	1.57	4.2	61	43.9	473	2.26	7.3	28.4	145	48.2	4.27	0.1	7.8	1.3	6.2	62.9
A257618 Orig	15.6	0.4	3	0.028	0.59	1.87	0.07	0.07	0.47	4.4	126	49.5	235	4.19	9.2	21.1	27.0	63.8	7.46	0.2	18.6	0.5	10.3	36.4
A257618 Dup	15.8	0.3	3	0.027	0.58	1.79	0.07	0.07	0.46	4.4	117	45.8	220	3.94	9.0	20.8	27.5	63.3	7.22	0.2	18.6	0.6	10.4	35.9
A257725 Orig	10.7	0.3	4	0.027	0.42	1.68	0.05	0.05	0.59	3.7	90	41.5	205	2.70	7.5	14.3	17.7	27.4	6.23	0.2	3.1	0.1	6.4	51.1
A257725 Dup	11.2	0.2	4	0.027	0.43	1.72	0.05	0.05	0.60	3.9	94	43.7	204	2.74	7.5	14.9	18.7	28.9	6.52	0.2	3.1	0.1	6.6	51.1
A257739 Orig	7.3	0.1	3	0.034	0.34	1.19	0.05	0.06	0.87	3.0	67	26.5	201	1.57	4.8	9.4	16.1	23.8	5.90	0.2	1.8	< 0.1	7.8	66.3
A257739 Dup	7.9	0.2	4	0.033	0.36	1.25	0.05	0.05	0.98	3.2	68	28.0	214	1.67	5.2	10.0	18.0	23.8	5.97	0.2	0.5	0.1	8.3	69.5
A257755 Orig	12.1	0.3	4	0.036	0.54	1.61	0.07	0.07	1.69	4.2	101	37.9	458	3.02	10.3	14.5	34.1	34.4	6.39	0.2	4.7	1.1	13.9	90.8
A257755 Dup	12.4	0.3	4	0.038	0.54	1.64	0.07	0.07	1.69	4.2	98	39.4	465	3.11	10.8	15.0	33.0	32.2	6.25	0.2	4.4	1.3	14.9	89.5
A257769 Orig	19.8	0.2	3	0.028	1.07	2.09	0.14	0.11	0.43	5.6	130	46.0	545	4.17	13.1	16.1	26.2	134	9.80	0.3	26.7	0.6	28.4	38.3
A257769 Dup	21.1	0.3	3	0.031	1.10	2.18	0.16	0.11	0.47	6.2	136	45.6	567	4.46	14.1	17.2	27.6	136	9.84	0.3	26.7	0.7	31.2	40.3
A257782 Orig	14.8	0.5	4	0.025	0.31	2.25	0.09	0.11	0.44	4.1	98	36.9	194	3.53	6.5	12.6	17.6	82.1	8.00	0.3	5.8	0.5	16.1	39.4
A257782 Dup	13.4	0.4	4	0.025	0.31	2.25	0.08	0.12	0.41	3.6	91	35.1	191	3.44	6.2	11.6	15.8	77.4	7.78	0.2	5.8	0.4	14.4	35.5
A257796 Orig	15.5	0.3	4	0.040	0.55	1.78	0.11	0.12	1.48	4.9	93	50.4	604	3.37	12.9	28.7	45.1	55.8	6.07	0.3	3.8	0.9	10.0	72.2
A257796 Dup	14.9	0.3	4	0.042	0.56	1.75	0.10	0.12	1.40	4.9	97	51.5	590	3.22	12.2	27.1	45.6	57.0	6.74	0.3	4.4	0.9	10.1	71.7
A257819 Orig	13.5	0.4	3	0.028	0.30	2.37	0.04	0.08	0.36	3.9	108	48.6	168	3.47	6.5	16.0	15.2	43.1	7.37	0.2	4.6	0.3	6.5	30.5
A257819 Dup	14.2	0.4	3	0.027	0.28	2.29	0.05	0.07	0.39	4.2	114	48.2	166	3.53	6.6	16.5	15.5	42.6	7.59	0.2	4.0	0.3	6.7	32.2
Method Blank Method Blank	< 0.1	< 0.1	< 1	< 0.001	< 0.01	< 0.01	< 0.01	< 0.02	< 0.01	< 0.1	< 1	< 0.5	< 1	< 0.01	< 0.1	< 0.1	< 0.01	< 0.1	< 0.02	< 0.1	< 0.1	< 0.1	< 0.1	< 0.5
Method Blank Method Blank	< 0.1	< 0.1	< 1	< 0.001	< 0.01	< 0.01	< 0.01	< 0.02	< 0.01	< 0.1	< 1	< 0.5	< 1	< 0.01	< 0.1	< 0.1	< 0.01	< 0.1	< 0.02	< 0.1	< 0.1	< 0.1	< 0.1	< 0.5

Quality Control

Analyte Symbol	Y	Zr	Nb	Mo	Ag	Cd	In	Sn	Sb	Te	Cs	Ba	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.01	0.1	0.1	0.01	0.002	0.01	0.02	0.05	0.02	0.02	0.02	0.5	0.5	0.01	0.1	0.02	0.1	0.1	0.1	0.1	0.001	0.1	0.1	0.1
Analysis Method	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
GXR-1 Meas	26.7	19.1	0.5	17.5	30.9	2.57	0.73	24.8	73.7	13.7	2.72	259	4.7	11.4		6.58	2.3	0.5	3.7	0.7	4.79			0.4
GXR-1 Cert	32.0	38.0	0.800	18.0	31.0	3.30	0.770	54.0	122	13.0	3.00	750	7.50	17.0		18.0	2.70	0.690	4.20	0.830	4.30			0.430
GXR-1 Meas	24.7	19.9	0.5	17.3	29.6	2.44	0.69	22.7	79.1	13.7	2.52	219	4.1	9.95		5.76	2.0	0.5	3.2	0.6	4.16			0.3
GXR-1 Cert	32.0	38.0	0.800	18.0	31.0	3.30	0.770	54.0	122	13.0	3.00	750	7.50	17.0		18.0	2.70	0.690	4.20	0.830	4.30			0.430
GXR-4 Meas	11.2	10.1	0.2	314	3.63	0.14	0.21	5.74	2.18	0.85	2.59	14.5	48.9	99.3		37.6	5.8	1.3	4.7	0.5	2.69			0.2
GXR-4 Cert	14.0	186	10.0	310	4.00	0.860	0.270	5.60	4.80	0.970	2.80	1640	64.5	102		45.0	6.60	1.63	5.25	0.360	2.60			0.210
GXR-4 Meas	10.9	10.2	0.2	321	3.46	0.03	0.19	5.27	3.09	0.97	2.40	30.1	42.4	82.8		32.4	5.1	1.2	4.3	0.5	2.46			0.1
GXR-4 Cert	14.0	186	10.0	310	4.00	0.860	0.270	5.60	4.80	0.970	2.80	1640	64.5	102		45.0	6.60	1.63	5.25	0.360	2.60			0.210
GXR-6 Meas	6.26	10.8	0.1	0.89	0.298	0.10	0.05	0.98	0.77	0.03	3.52	897	10.8	31.5		11.2	2.3	0.6	2.1	0.3	1.70			0.1
GXR-6 Cert	14.0	110	7.50	2.40	1.30	1.00	0.260	1.70	3.60	0.0180	4.20	1300	13.9	36.0		13.0	2.67	0.760	2.97	0.415	2.80			0.0320
GXR-6 Meas	6.61	15.6	0.1	1.75	0.312	0.10	0.06	1.01	1.87	0.05	3.59	923	11.1	34.3		11.3	2.2	0.6	2.1	0.3	1.71			0.1
GXR-6 Cert	14.0	110	7.50	2.40	1.30	1.00	0.260	1.70	3.60	0.0180	4.20	1300	13.9	36.0		13.0	2.67	0.760	2.97	0.415	2.80			0.0320
A257513 Orig	2.85	1.9	0.9	1.68	0.136	0.39	0.02	0.38	1.49	< 0.02	0.70	73.4	6.5	13.7	1.5	5.77	1.1	0.3	1.0	0.1	0.718	0.1	0.3	< 0.1
A257513 Dup	2.93	2.0	1.0	1.87	0.138	0.41	0.02	0.35	1.51	0.03	0.69	75.5	6.7	13.9	1.5	5.79	1.0	0.3	1.0	0.1	0.693	0.1	0.3	< 0.1
A257527 Orig	4.77	4.1	1.1	13.6	0.154	0.30	0.03	0.43	1.85	< 0.02	0.88	115	6.0	11.5	1.3	5.28	1.1	0.3	1.1	0.2	0.969	0.2	0.5	< 0.1
A257527 Dup	5.20	4.4	1.2	14.5	0.181	0.33	0.03	0.51	2.01	< 0.02	0.97	125	6.5	12.2	1.5	5.68	1.1	0.3	1.2	0.2	1.07	0.2	0.5	< 0.1
A257540 Orig	2.97	2.1	1.4	1.76	1.19	0.39	< 0.02	0.83	0.79	< 0.02	0.54	73.8	7.1	15.5	1.6	6.22	1.1	0.3	1.0	0.1	0.718	0.1	0.3	< 0.1
A257540 Dup	3.33	2.3	1.7	1.94	0.236	0.41	0.02	1.05	0.82	< 0.02	0.65	78.8	8.1	17.4	1.8	7.09	1.3	0.3	1.2	0.1	0.806	0.1	0.4	< 0.1
A257554 Orig	2.39	2.4	0.5	15.3	0.264	0.24	< 0.02	1.43	2.39	< 0.02	0.55	82.5	9.4	16.4	2.0	7.62	1.3	0.3	1.0	0.1	0.556	0.1	0.3	< 0.1
A257554 Dup	2.23	2.3	0.5	15.3	0.213	0.20	< 0.02	0.53	2.40	< 0.02	0.47	73.2	9.1	15.5	2.0	7.40	1.2	0.3	1.0	0.1	0.526	< 0.1	0.3	< 0.1
A257577 Orig	4.83	2.2	1.1	0.73	0.120	0.09	< 0.02	0.90	0.25	0.04	0.50	78.9	6.8	14.6	1.6	6.36	1.3	0.3	1.3	0.2	1.06	0.2	0.6	< 0.1
A257577 Dup	4.66	2.3	1.1	0.65	0.093	0.03	< 0.02	0.54	0.25	0.02	0.47	76.3	6.4	13.8	1.5	5.97	1.2	0.3	1.2	0.2	1.03	0.2	0.6	< 0.1
A257591 Orig	3.75	2.3	1.0	0.47	0.106	0.15	< 0.02	0.92	0.32	0.02	0.51	67.8	6.0	11.8	1.4	5.36	1.1	0.3	1.0	0.1	0.834	0.2	0.4	< 0.1
A257591 Dup	3.70	2.2	0.9	0.46	0.086	0.13	< 0.02	0.59	0.30	0.03	0.50	66.9	5.6	11.5	1.3	5.20	1.0	0.3	1.0	0.1	0.811	0.2	0.4	< 0.1
A257604 Orig	22.0	2.4	1.2	1.46	0.466	0.35	< 0.02	0.34	0.49	0.04	0.96	90.2	19.0	26.0	4.8	20.1	4.3	1.1	4.6	0.6	3.89	0.8	2.1	0.3
A257604 Dup	20.7	2.0	1.1	1.41	0.453	0.35	< 0.02	0.36	0.47	0.04	0.94	88.5	18.7	25.9	4.7	19.9	4.2	1.1	4.6	0.6	3.89	0.8	2.2	0.3
A257618 Orig	4.19	4.0	1.2	1.55	0.280	0.24	0.02	0.43	1.20	0.05	0.78	84.6	7.5	14.7	1.7	6.62	1.3	0.3	1.2	0.2	0.932	0.2	0.5	< 0.1
A257618 Dup	4.11	3.9	1.3	1.49	0.276	0.22	0.02	0.36	1.21	0.06	0.79	87.0	7.4	14.7	1.7	6.66	1.2	0.3	1.2	0.2	0.972	0.2	0.5	< 0.1
A257725 Orig	3.89	3.5	1.5	0.56	0.135	0.05	< 0.02	0.23	< 0.02	0.03	0.65	63.1	6.8	13.8	1.6	6.26	1.3	0.3	1.2	0.2	0.922	0.2	0.4	< 0.1
A257725 Dup	4.09	3.7	1.7	0.59	0.148	0.05	< 0.02	0.31	< 0.02	< 0.02	0.67	65.6	7.3	15.2	1.7	6.77	1.4	0.3	1.2	0.2	0.966	0.2	0.5	< 0.1
A257739 Orig	4.61	2.1	1.3	0.24	0.170	0.11	< 0.02	0.62	< 0.02	< 0.02	0.54	76.8	6.6	13.5	1.6	6.33	1.3	0.3	1.2	0.2	0.996	0.2	0.5	< 0.1
A257739 Dup	4.85	2.1	1.4	0.28	0.178	0.12	< 0.02	0.35	< 0.02	0.03	0.56	82.7	6.9	13.6	1.6	6.39	1.3	0.3	1.2	0.2	1.03	0.2	0.5	< 0.1
A257755 Orig	9.30	2.5	1.1	1.88	0.201	0.35	< 0.02	0.34	0.42	0.06	0.86	79.8	7.7	11.5	2.0	8.52	1.8	0.5	1.8	0.3	1.68	0.3	1.0	0.1
A257755 Dup	8.96	2.5	1.3	1.92	0.204	0.34	< 0.02	0.39	0.44	0.06	0.95	80.3	7.7	11.6	1.9	8.10	1.7	0.5	1.9	0.3	1.65	0.3	0.9	0.1
A257769 Orig	4.10	4.9	1.1	3.04	0.212	0.66	0.02	0.66	1.48	0.09	1.05	112	5.8	12.1	1.5	5.82	1.1	0.3	1.0	0.1	0.919	0.2	0.5	< 0.1
A257769 Dup	4.37	5.1	1.1	3.21	0.240	0.69	0.02	0.78	1.30	0.05	1.09	120	6.1	12.4	1.5	5.80	1.1	0.3	1.1	0.2	0.967	0.2	0.5	< 0.1
A257782 Orig	3.76	3.7	1.6	1.27	0.266	0.28	0.02	0.52	0.49	0.04	1.33	76.2	9.9	19.6	2.2	8.25	1.5	0.4	1.3	0.2	0.890	0.2	0.4	< 0.1
A257782 Dup	3.46	3.6	1.6	1.32	0.187	0.26	< 0.02	0.49	0.50	0.04	1.30	74.2	9.4	18.7	2.1	8.13	1.5	0.4	1.3	0.2	0.851	0.1	0.4	< 0.1
A257796 Orig	8.45	2.7	1.1	2.15	0.222	0.34	< 0.02	0.45	0.30	0.04	0.86	122	11.0	25.5	2.6	10.8	2.2	0.5	2.3	0.3	1.73	0.3	0.9	0.1
A257796 Dup	8.53	2.9	1.2	2.13	0.200	0.33	< 0.02	0.48	0.33	0.05	0.89	121	11.6	27.3	2.9	11.8	2.3	0.6	2.3	0.3	1.76	0.3	0.9	0.1
A257819 Orig	2.89	4.3	1.0	0.62	0.072	0.16	0.02	0.40	0.29	< 0.02	0.74	71.5	6.4	13.2	1.5	5.94	1.1	0.3	0.9	0.1	0.649	0.1	0.3	< 0.1
A257819 Dup	2.83	4.3	1.1	0.59	0.083	0.14	0.02	0.41	0.27	0.06	0.73	72.2	6.5	13.3	1.5	5.67	1.0	0.3	0.9	0.1	0.648	0.1	0.3	< 0.1
Method Blank Method Blank	< 0.01	< 0.1	< 0.1	< 0.01	< 0.002	< 0.01	< 0.02	< 0.05	< 0.02	< 0.02	< 0.02	< 0.5	< 0.5	< 0.01	< 0.1	< 0.02	< 0.1	< 0.1	< 0.1	< 0.1	< 0.001	< 0.1	< 0.1	< 0.1
Method Blank Method Blank	< 0.01	< 0.1	< 0.1	< 0.01	< 0.002	< 0.01	< 0.02	< 0.05	< 0.02	< 0.02	< 0.02	< 0.5	< 0.5	< 0.01	< 0.1	< 0.02	< 0.1	< 0.1	< 0.1	< 0.1	< 0.001	< 0.1	< 0.1	< 0.1

Quality Control

Analyte Symbol	Yb	Lu	Hf	Ta	W	Re	Au	Tl	Pb	Th	U
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm
Detection Limit	0.1	0.1	0.1	0.05	0.1	0.001	0.5	0.02	0.01	0.1	0.1
Analysis Method	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
GXR-1 Meas	2.0	0.3	0.2	< 0.05	153		3260	0.31	727	2.6	26.5
GXR-1 Cert	1.90	0.280	0.960	0.175	164		3300	0.390	730	2.44	34.9
GXR-1 Meas	1.9	0.3	0.2	< 0.05	147		3350	0.36	726	2.4	29.4
GXR-1 Cert	1.90	0.280	0.960	0.175	164		3300	0.390	730	2.44	34.9
GXR-4 Meas	0.8	0.1	0.2	< 0.05	11.1		490	2.74	50.1	19.3	5.2
GXR-4 Cert	1.60	0.170	6.30	0.790	30.8		470	3.20	52.0	22.5	6.20
GXR-4 Meas	0.8	0.1	0.3	< 0.05	11.9		490	3.28	46.2	17.6	4.8
GXR-4 Cert	1.60	0.170	6.30	0.790	30.8		470	3.20	52.0	22.5	6.20
GXR-6 Meas	0.7	0.1	0.1	< 0.05	< 0.1		71.4	1.56	96.3	3.7	0.8
GXR-6 Cert	2.40	0.330	4.30	0.485	1.90		95.0	2.20	101	5.30	1.54
GXR-6 Meas	0.8	0.1	0.3	< 0.05	< 0.1		47.7	2.19	102	4.1	0.8
GXR-6 Cert	2.40	0.330	4.30	0.485	1.90		95.0	2.20	101	5.30	1.54
A257513 Orig	0.3	< 0.1	< 0.1	< 0.05	0.1	0.001	1.1	0.04	6.61	0.6	0.3
A257513 Dup	0.3	< 0.1	< 0.1	< 0.05	0.1	0.001	< 0.5	0.04	6.14	0.5	0.3
A257527 Orig	0.4	< 0.1	< 0.1	< 0.05	0.3	0.001	2.1	0.25	10.0	1.6	0.5
A257527 Dup	0.4	< 0.1	< 0.1	< 0.05	0.4	0.001	1.1	0.28	10.7	1.7	0.6
A257540 Orig	0.3	< 0.1	< 0.1	< 0.05	0.1	0.002	0.6	0.04	8.39	0.8	2.0
A257540 Dup	0.3	< 0.1	< 0.1	< 0.05	0.2	0.001	< 0.5	0.04	8.84	1.0	2.1
A257554 Orig	0.2	< 0.1	< 0.1	< 0.05	0.1	0.001	< 0.5	0.15	11.8	0.8	0.2
A257554 Dup	0.2	< 0.1	< 0.1	< 0.05	0.2	0.001	< 0.5	0.13	12.0	0.7	0.2
A257577 Orig	0.5	< 0.1	< 0.1	< 0.05	0.1	0.001	5.6	< 0.02	2.84	1.0	0.5
A257577 Dup	0.4	< 0.1	< 0.1	< 0.05	0.1	0.001	1.1	< 0.02	2.79	0.9	0.5
A257591 Orig	0.3	< 0.1	< 0.1	< 0.05	0.2	< 0.001	2.1	< 0.02	3.41	0.5	0.4
A257591 Dup	0.4	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 0.5	< 0.02	3.40	0.5	0.3
A257604 Orig	1.7	0.3	< 0.1	< 0.05	0.1	0.003	4.5	0.07	4.18	0.6	2.9
A257604 Dup	1.7	0.3	< 0.1	< 0.05	0.1	0.003	4.7	0.07	4.26	0.5	3.1
A257618 Orig	0.4	< 0.1	< 0.1	< 0.05	0.2	0.001	1.4	0.02	6.91	1.5	0.4
A257618 Dup	0.4	< 0.1	< 0.1	< 0.05	0.2	0.001	1.7	0.03	7.17	1.6	0.4
A257725 Orig	0.4	< 0.1	< 0.1	< 0.05	0.1	< 0.001	2.3	< 0.02	3.67	1.5	0.5
A257725 Dup	0.4	< 0.1	< 0.1	< 0.05	0.1	< 0.001	0.5	< 0.02	3.91	1.5	0.6
A257739 Orig	0.4	< 0.1	< 0.1	< 0.05	0.2	< 0.001	3.1	< 0.02	3.36	0.6	0.5
A257739 Dup	0.4	< 0.1	< 0.1	< 0.05	0.1	< 0.001	1.3	< 0.02	3.28	0.6	0.5
A257755 Orig	0.7	0.1	< 0.1	< 0.05	< 0.1	0.002	1.1	0.03	4.29	0.6	1.1
A257755 Dup	0.7	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 0.5	0.03	3.95	0.5	1.0
A257769 Orig	0.4	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	1.0	0.14	10.7	1.4	0.3
A257769 Dup	0.4	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 0.5	0.14	10.2	1.3	0.3
A257782 Orig	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	14.5	0.07	8.94	2.4	0.5
A257782 Dup	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	1.3	0.06	9.50	2.5	0.5
A257796 Orig	0.6	< 0.1	< 0.1	< 0.05	< 0.1	0.002	< 0.5	< 0.02	5.79	0.9	1.1
A257796 Dup	0.7	0.1	< 0.1	< 0.05	< 0.1	0.001	< 0.5	0.02	6.31	0.9	1.1
A257819 Orig	0.3	< 0.1	< 0.1	< 0.05	0.2	< 0.001	2.4	0.03	5.44	2.0	0.4
A257819 Dup	0.3	< 0.1	< 0.1	< 0.05	0.2	< 0.001	< 0.5	0.03	5.30	1.9	0.4
Method Blank Method Blank	< 0.1	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 0.5	< 0.02	< 0.01	< 0.1	< 0.1
Method Blank Method Blank	< 0.1	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 0.5	< 0.02	< 0.01	< 0.1	< 0.1

Quality Analysis ... *Innovative Technologies*

Date Submitted: 09-Aug-10
Invoice No.: A10-4715
Invoice Date: 13-Sep-10
Your Reference: Mt. Milligan

Terrane Metals Corp
1500-999 West Hastings Street
Vancouver BC V6C 2W2
Canada

ATTN: VP Exploration Darren O'brien

CERTIFICATE OF ANALYSIS

280 Soil samples were submitted for analysis.

The following analytical package was requested: Code UT-1-0.5g Aqua Regia ICP/MS

REPORT **A10-4715**

Notes:
Assays are recommended for values >10,000 for Cu and Au.

CERTIFIED BY :

Emmanuel Eseme , Ph.D.
Quality Control

SCC Accredited LAB 265
LAB 266 Accrédité CCN

ACTIVATION LABORATORIES LTD.

1336 Sandhill Drive, Ancaster, Ontario Canada L9G 4V5 TELEPHONE +1.905.648.9611 or +1.888.228.5227 FAX +1.905.648.9613
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Analyte Symbol	Li	Be	B	Na	Mg	Al	K	Bi	Ca	Sc	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Rb	Sr
Unit Symbol	ppm	ppm	ppm	%	%	%	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.1	0.1	1	0.001	0.01	0.01	0.01	0.02	0.01	0.1	1	0.5	1	0.01	0.1	0.1	0.01	0.1	0.02	0.1	0.1	0.1	0.1	0.5
Analysis Method	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
A257826	9.1	0.4	4	0.013	0.39	2.07	0.04	0.05	0.50	3.8	98	43.1	203	3.44	6.4	17.5	23.2	37.7	5.06	< 0.1	5.2	0.6	5.0	36.9
A257827	10.1	0.4	3	0.004	0.40	1.75	0.04	0.04	0.40	2.8	88	35.2	196	3.05	7.5	20.0	26.9	42.3	4.47	< 0.1	4.8	0.5	5.0	29.1
A257828	7.6	0.3	4	0.007	0.24	1.39	0.04	0.05	0.57	2.6	97	31.0	238	3.06	4.4	11.5	14.8	32.9	5.74	< 0.1	2.0	0.7	7.5	49.8
A257829	10.2	0.4	4	0.014	0.40	1.77	0.05	0.04	0.55	2.8	75	32.7	212	2.55	6.5	17.7	23.0	33.2	5.04	< 0.1	1.7	0.4	6.0	42.7
A257830	8.9	0.5	4	0.015	0.43	1.84	0.05	0.05	0.69	2.5	79	33.0	349	2.66	7.7	23.3	46.4	37.7	5.48	< 0.1	3.0	0.5	5.7	50.9
A257831	10.5	0.5	4	0.013	0.47	2.10	0.05	0.07	0.72	3.6	91	36.9	350	3.19	9.3	26.2	52.5	49.6	6.25	< 0.1	3.9	0.6	6.3	52.2
A257832	9.3	0.4	4	0.020	0.55	1.99	0.06	0.04	0.88	4.5	96	39.0	369	3.34	9.6	25.8	32.4	42.7	6.06	< 0.1	3.0	0.4	5.5	56.9
A257833	9.4	0.3	3	0.013	0.40	1.64	0.04	0.06	0.98	3.1	79	28.9	333	2.49	7.6	18.6	28.8	42.1	6.07	< 0.1	1.6	0.6	5.3	59.2
A257834	8.3	0.3	4	0.013	0.45	1.62	0.05	0.06	1.12	3.0	85	30.5	572	2.82	8.7	21.8	33.0	46.1	5.47	< 0.1	2.8	0.5	6.6	59.3
A257835	7.0	0.3	4	0.020	0.45	1.45	0.06	0.05	1.22	3.3	77	32.9	447	2.62	7.4	21.6	35.6	38.2	4.78	< 0.1	2.1	0.8	7.8	69.8
A257836	8.5	0.4	3	0.016	0.42	1.76	0.05	0.06	1.32	3.3	81	31.3	532	2.82	8.1	23.7	41.3	42.9	5.43	< 0.1	2.4	1.0	5.7	84.3
A257837	14.1	0.4	3	0.021	0.46	1.81	0.06	0.08	1.35	4.3	80	33.2	988	3.29	11.0	27.1	44.3	56.3	5.68	< 0.1	4.1	1.4	7.9	92.4
A257838	9.4	0.3	4	0.012	0.38	1.56	0.05	0.05	0.53	3.3	92	31.7	231	3.42	6.2	17.5	18.5	39.6	5.80	< 0.1	2.4	0.5	8.6	46.5
A257839	10.1	0.4	4	0.009	0.38	1.82	0.05	0.04	0.54	3.2	82	32.9	216	2.98	6.2	17.9	22.0	41.1	5.73	< 0.1	2.1	0.6	8.6	46.3
A257840	7.3	0.2	4	0.014	0.41	1.59	0.06	0.10	0.60	3.5	88	31.1	256	3.04	6.9	20.2	24.0	38.3	5.77	< 0.1	2.7	0.3	8.4	47.7
A257841	6.2	0.3	5	0.011	0.39	1.29	0.05	0.04	0.57	2.7	75	27.0	217	2.41	5.6	16.9	18.6	32.3	4.97	< 0.1	1.8	0.2	5.7	47.7
A257842	7.1	0.2	3	0.009	0.38	1.29	0.05	0.04	0.53	2.4	78	26.8	199	2.47	5.3	16.7	19.4	34.8	5.32	< 0.1	1.9	0.5	7.6	45.0
A257843	8.3	0.3	3	0.009	0.38	1.58	0.05	0.06	0.49	2.9	84	29.9	312	3.04	8.1	17.1	21.9	46.8	5.86	< 0.1	2.0	0.3	9.1	45.3
A257844	7.6	0.3	5	0.009	0.38	1.52	0.05	0.04	0.55	3.0	95	34.0	229	3.27	6.1	20.4	20.0	39.9	5.52	< 0.1	2.7	0.5	7.3	49.2
A257845	8.1	0.3	4	0.007	0.34	1.54	0.05	0.05	0.48	2.8	88	30.8	201	2.94	5.7	16.9	19.4	39.5	5.79	< 0.1	2.8	0.6	7.3	43.7
A257846	7.5	0.2	3	0.006	0.23	1.32	0.04	0.07	0.37	2.3	86	30.3	151	2.74	3.3	9.8	14.4	42.9	6.14	< 0.1	4.9	0.5	6.6	40.4
A257847	10.8	0.3	2	0.004	0.36	1.39	0.05	0.09	0.38	2.7	92	35.4	261	3.94	5.7	14.9	16.7	84.8	5.80	< 0.1	13.4	0.6	8.8	36.2
A257848	11.3	0.3	3	0.004	0.35	1.33	0.06	0.10	0.44	2.3	79	30.0	259	3.43	6.1	16.0	22.2	59.8	6.28	< 0.1	11.5	0.5	11.3	39.5
A257849	8.2	0.3	2	< 0.001	0.32	1.15	0.05	0.11	0.32	2.2	87	27.7	207	4.17	5.8	15.1	19.6	69.1	5.51	< 0.1	30.1	0.7	10.1	29.8
A257850	13.1	0.4	3	0.006	0.63	1.80	0.08	0.14	0.35	3.2	92	37.9	322	5.00	8.8	27.4	41.7	103	6.39	< 0.1	40.0	0.6	11.8	35.9
A257851	5.4	0.3	4	0.008	0.41	1.19	0.05	0.04	0.52	2.9	82	33.6	270	3.13	8.7	26.5	32.3	41.0	3.67	< 0.1	10.3	0.6	4.2	41.1
A257852	8.4	0.2	3	0.005	0.34	1.13	0.05	0.08	0.44	2.7	90	33.4	220	3.54	5.7	16.3	21.2	68.6	5.34	< 0.1	15.8	0.5	6.2	42.0
A257853	37.3	0.6	2	0.006	1.42	2.89	0.04	0.04	0.68	4.2	137	65.9	655	7.27	25.3	31.1	60.1	193	7.97	0.1	10.1	0.6	5.1	57.9
A257854	11.2	0.3	4	0.006	0.46	1.46	0.05	0.07	0.44	3.2	111	40.9	263	3.88	7.3	22.2	28.2	54.2	6.31	< 0.1	8.7	0.5	7.9	40.7
A257855	9.3	0.3	3	0.005	0.35	1.16	0.04	0.06	0.83	1.6	58	26.7	170	2.14	5.2	14.9	30.5	47.3	4.98	< 0.1	5.1	0.5	5.6	59.2
A257856	8.6	0.4	4	0.012	0.46	1.60	0.05	0.06	0.50	3.4	92	39.7	264	3.70	8.2	25.9	40.0	56.6	4.87	< 0.1	11.3	0.4	6.1	46.5
A257857	10.0	0.3	5	0.009	0.42	1.34	0.06	0.09	0.81	2.6	80	30.8	314	3.38	7.8	20.6	32.5	63.3	4.77	< 0.1	17.1	1.0	7.8	58.3
A257858	10.8	0.3	3	0.004	0.31	1.25	0.05	0.10	0.29	2.1	85	31.3	271	3.72	5.9	14.9	17.3	127	6.36	< 0.1	9.9	0.6	10.0	29.0
A257859	11.2	0.4	4	0.004	0.46	1.36	0.07	0.12	0.37	2.6	79	34.1	277	4.68	7.6	22.3	30.6	102	5.31	< 0.1	33.0	0.6	13.5	35.7
A257860	2.9	0.2	2	< 0.001	0.19	0.68	0.07	0.09	0.29	0.8	54	18.8	744	2.21	6.7	10.0	15.2	45.7	4.10	< 0.1	12.3	0.4	9.6	29.8
A257861	8.4	0.3	3	0.004	0.35	1.31	0.05	0.10	0.33	2.2	64	24.6	218	2.86	4.9	15.3	22.3	69.2	5.26	< 0.1	16.7	0.5	8.6	34.0
A257862	9.2	0.3	3	0.004	0.42	1.41	0.05	0.10	0.35	2.9	81	30.4	252	4.16	6.6	18.9	27.0	105	5.17	< 0.1	27.2	0.5	8.7	34.0
A257863	3.9	0.1	3	< 0.001	0.21	0.94	0.06	0.14	0.35	1.8	80	25.8	259	3.27	4.9	12.7	15.7	102	5.69	< 0.1	10.5	0.4	9.8	34.7
A257864	9.4	0.3	5	0.005	0.35	1.19	0.06	0.09	0.44	2.5	83	32.9	347	3.53	8.2	18.8	22.4	67.0	5.44	< 0.1	11.2	0.4	11.1	38.2
A257865	15.8	0.3	3	0.008	0.48	1.78	0.06	0.09	0.39	3.4	97	39.9	273	4.24	9.5	24.4	25.9	93.1	6.87	< 0.1	10.2	0.6	12.8	37.7
A257866	11.7	0.3	3	0.006	0.41	1.42	0.06	0.09	0.40	2.9	95	38.2	1050	4.47	11.8	20.7	29.4	88.5	5.63	< 0.1	13.1	0.3	12.4	39.7
A257867	13.1	0.4	3	0.006	0.47	1.57	0.07	0.11	0.40	3.2	81	32.5	330	4.06	7.9	21.3	28.2	78.0	5.99	< 0.1	17.0	0.5	13.6	44.6
A257868	8.1	0.2	2	0.002	0.25	1.19	0.04	0.09	0.32	2.1	78	26.2	179	3.38	4.7	12.1	14.7	81.7	5.48	< 0.1	15.2	0.6	10.0	32.5
A257869	9.9	0.3	3	0.004	0.38	1.52	0.06	0.12	0.32	2.5	72	28.9	252	4.51	6.7	19.8	27.1	125	5.27	< 0.1	28.1	0.9	12.6	31.4
A257870	11.8	0.3	3	0.011	0.44	1.55	0.10	0.09	0.59	3.2	99	33.5	642	4.08	11.9	23.1	32.1	103	6.61	< 0.1	10.0	0.6	11.0	47.4
A257871	38.0	0.4	4	0.010	0.45	1.69	0.08	0.10	1.00	2.9	73	33.7	336	3.80	10.0	30.8	43.5	103	4.87	< 0.1	16.2	1.5	11.7	63.1
A257872	5.8	0.2	2	< 0.001	0.28	1.13	0.07	0.15	0.28	1.7	77	28.5	302	4.15	6.9	21.6	35.6	79.7	5.41	< 0.1	22.8	0.7	8.2	28.2
A257873	6.3	0.2	2	< 0.001	0.23	1.08	0.05	0.10	0.21	1.4	67	22.6	172	3.15	4.4	12.3	22.4	67.9	5.58	< 0.1	11.1	0.7	8.5	24.1
A257874	19.9	0.4	68	0.434	0.57	1.82	0.07	0.10	0.54	3.9	96	39.7	309	4.81	11.2	30.3	44.7	92.3	6.13	< 0.1	27.9	0.8	12.3	48.0
A257875	8.9	0.3	2	0.001	0.39	1.29	0.07	0.10	0.38	2.6	77	30.8	268	3.70	7.2	19.0	25.5	93.3	5.68	< 0.1	21.1	0.7	12.2	37.6
A257876	7.6	0.2	2	< 0.001	0.44	1.31	0.08	0.09	0.36	2.9	78	29.9	384	3.35	6.9	16.5	24.6	82.3	6.03	< 0.1	13.0	0.4	14.1	36.7
A257877	13.0	0.3	4	0.002	0.53	1.60	0.06	0.08	0.35	3.0	87	41.3	275	4.09	8.6	23.9	37.6	69.4	5.67	< 0.1	14.1	0.9	10.2	41.4

Analyte Symbol	Li	Be	B	Na	Mg	Al	K	Bi	Ca	Sc	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Rb	Sr
Unit Symbol	ppm	ppm	ppm	%	%	%	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.1	0.1	1	0.001	0.01	0.01	0.01	0.02	0.01	0.1	1	0.5	1	0.01	0.1	0.1	0.01	0.1	0.02	0.1	0.1	0.1	0.1	0.5
Analysis Method	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
A257878	11.1	0.3	3	0.004	0.41	1.61	0.06	0.10	0.29	3.2	82	37.8	386	3.78	8.8	16.4	20.9	94.5	6.58	< 0.1	9.6	0.6	15.8	35.3
A257879	10.0	0.3	5	0.004	0.49	1.57	0.06	0.10	0.36	3.3	99	40.7	278	4.23	7.2	19.9	27.9	67.7	6.77	< 0.1	11.2	0.7	11.8	38.8
A257880	11.2	0.3	3	0.001	0.49	1.58	0.06	0.09	0.34	3.4	96	38.5	303	4.01	10.2	22.0	32.5	96.5	6.42	< 0.1	9.8	0.7	12.5	33.3
A257881	11.4	0.3	4	0.004	0.57	1.75	0.05	0.07	0.34	4.1	95	45.9	257	4.08	8.2	21.8	31.8	83.5	6.53	< 0.1	16.3	1.0	11.9	35.8
A257882	13.4	0.3	3	0.013	0.80	1.77	0.06	0.05	0.71	3.9	86	48.2	369	3.66	11.2	27.9	46.3	57.8	5.76	< 0.1	16.9	1.0	8.4	57.7
A257883	8.9	0.4	3	0.002	0.40	1.52	0.07	0.13	0.30	2.8	68	26.3	269	4.09	7.4	22.7	41.4	105	5.11	< 0.1	41.4	0.7	13.3	29.5
A257884	9.3	0.3	3	0.001	0.41	1.55	0.07	0.13	0.27	2.2	63	27.5	401	4.24	7.5	22.7	33.7	119	5.29	< 0.1	63.6	0.8	11.3	29.8
A257885	28.5	0.4	3	0.004	0.34	1.33	0.07	0.12	1.16	1.8	53	28.5	478	3.34	9.2	27.7	45.3	130	4.30	< 0.1	37.7	1.6	9.1	67.6
A257886	7.3	0.3	3	0.005	0.35	1.28	0.05	0.10	0.35	2.7	74	28.8	285	3.75	8.4	23.0	37.0	96.0	4.41	< 0.1	25.9	1.2	8.0	35.1
A257887	8.9	0.2	3	0.004	0.43	1.40	0.06	0.06	0.42	3.2	86	35.7	286	3.72	7.8	24.0	29.4	68.3	5.25	< 0.1	11.1	0.7	7.2	39.5
A257888	18.7	0.3	3	0.015	0.42	1.49	0.06	0.12	0.60	4.2	69	33.0	643	2.99	8.4	27.0	36.7	99.8	5.03	< 0.1	8.6	0.8	9.9	53.1
A257889	9.1	0.3	3	0.008	0.45	1.50	0.07	0.08	0.44	3.5	89	32.6	288	3.88	8.2	22.9	38.0	84.1	5.19	< 0.1	15.3	0.7	10.2	41.1
A257890	14.4	0.6	4	0.021	0.47	2.46	0.05	0.10	0.41	3.7	113	41.9	288	4.89	8.9	22.8	31.3	66.6	6.49	< 0.1	6.6	1.1	7.4	29.4
A257891	13.5	0.4	4	0.021	0.46	1.98	0.04	0.06	0.47	3.5	102	42.9	296	4.29	8.9	26.5	26.3	69.8	5.31	< 0.1	5.1	1.0	5.7	33.2
A257892	22.6	0.3	3	0.032	0.53	1.86	0.05	0.12	0.62	3.8	103	33.8	484	4.13	12.8	21.2	27.4	92.6	6.96	< 0.1	2.9	0.7	9.8	46.0
A257893	5.9	0.3	4	0.021	0.38	1.48	0.04	0.04	0.48	2.8	91	34.2	269	3.19	7.4	21.7	26.6	30.0	4.04	< 0.1	4.3	0.7	4.8	35.9
A257894	15.3	0.4	3	0.016	0.33	2.01	0.03	0.08	0.56	3.5	134	39.7	225	5.47	6.6	16.0	25.2	52.4	8.63	< 0.1	7.2	1.1	5.7	42.3
A257895	7.3	0.3	3	0.039	0.44	1.11	0.05	0.05	1.16	2.7	84	36.9	321	3.08	8.0	22.6	36.1	34.8	4.13	< 0.1	4.7	1.2	5.6	65.1
A257896	6.7	0.3	3	0.017	0.32	1.47	0.03	0.04	0.37	2.5	98	34.5	243	3.56	6.2	17.1	22.8	36.7	4.37	< 0.1	4.4	0.6	5.2	29.6
A257897	6.5	0.2	3	0.015	0.38	1.24	0.03	0.05	0.46	2.2	71	24.7	229	2.36	5.7	16.2	27.3	31.9	4.53	< 0.1	3.3	0.6	4.7	36.2
A257898	9.0	0.3	3	0.014	0.29	1.70	0.03	0.05	0.38	3.0	116	39.5	228	4.37	5.6	15.4	16.6	37.6	5.14	< 0.1	4.4	0.7	5.2	29.6
A257899	9.2	0.1	2	0.016	0.31	1.18	0.04	0.07	0.55	2.3	60	19.5	183	1.67	4.0	9.5	14.5	30.9	6.38	< 0.1	0.9	0.3	8.3	45.8
A257900	9.3	0.2	3	0.014	0.40	1.41	0.04	0.07	0.43	3.0	106	32.9	242	3.69	6.0	17.8	39.0	48.7	6.78	< 0.1	4.8	0.8	9.3	38.2
A257901	8.0	0.2	2	0.012	0.32	1.16	0.03	0.07	0.41	2.5	107	36.1	300	4.03	6.3	16.4	18.6	48.6	5.51	< 0.1	5.0	0.7	6.0	34.8
A257902	12.5	0.3	2	0.010	0.30	1.53	0.04	0.10	0.31	2.7	112	41.0	238	4.39	6.3	15.9	18.2	65.5	6.70	< 0.1	4.7	0.7	8.5	29.8
A257903	13.3	0.3	2	0.014	0.37	1.88	0.04	0.10	0.29	2.9	87	36.8	231	3.97	7.8	18.8	24.1	78.1	6.40	< 0.1	5.6	0.7	9.1	28.8
A257904	9.6	0.4	2	0.012	0.34	2.00	0.05	0.10	0.27	3.0	134	43.3	258	5.56	7.0	16.4	24.1	49.4	7.99	< 0.1	6.7	0.8	7.8	24.7
A257905	10.5	0.3	3	0.016	0.43	1.90	0.05	0.08	0.43	4.0	189	65.9	354	6.63	10.6	24.6	24.8	62.2	7.81	< 0.1	5.9	0.9	9.1	31.3
A257906	7.8	0.3	3	0.012	0.34	1.28	0.03	0.06	0.39	2.4	115	42.3	280	4.16	8.2	20.8	22.5	38.8	5.52	< 0.1	4.9	0.7	6.9	35.0
A257907	14.6	0.4	2	0.011	0.38	3.29	0.04	0.09	0.29	4.3	135	50.8	303	5.78	8.6	20.8	23.9	87.7	7.51	< 0.1	5.0	0.7	8.2	25.2
A257908	9.2	0.2	2	0.009	0.25	1.17	0.04	0.11	0.30	2.2	93	25.6	200	2.89	3.9	10.9	14.8	58.3	7.51	< 0.1	2.5	0.7	6.4	28.9
A257909	4.7	0.2	3	0.012	0.31	1.12	0.03	0.08	0.34	2.3	134	29.0	212	3.56	4.3	11.9	17.5	28.5	6.93	< 0.1	5.2	0.3	5.4	33.1
A257910	6.1	0.1	2	0.016	0.32	1.00	0.03	0.05	0.43	2.2	91	31.4	230	3.00	5.9	18.4	22.4	33.0	4.38	< 0.1	2.9	0.5	5.8	36.3
A257911	7.7	0.3	2	0.013	0.26	1.68	0.03	0.09	0.28	2.5	91	35.1	204	3.48	5.2	14.8	18.4	45.4	6.18	< 0.1	4.0	0.6	6.7	29.3
A257912	7.9	0.3	3	0.013	0.34	1.56	0.03	0.05	0.34	2.2	97	34.1	232	3.61	6.5	20.2	23.2	43.8	4.59	< 0.1	5.3	0.8	5.3	29.1
A257913	13.4	0.3	2	0.023	0.65	1.80	0.06	0.05	0.47	4.0	148	45.4	282	5.26	9.9	22.3	50.4	49.7	7.06	< 0.1	4.1	0.7	9.0	50.3
A257914	18.4	0.2	1	0.019	0.97	1.42	0.23	0.05	0.37	2.4	141	69.4	305	4.64	16.0	31.6	73.7	70.9	7.55	< 0.1	1.5	0.6	34.8	29.0
A257915	8.0	0.1	< 1	0.017	0.47	1.02	0.09	0.06	0.25	1.8	83	61.9	178	2.93	7.5	27.7	32.6	52.2	6.78	< 0.1	10.2	0.6	20.5	22.4
A257916	6.8	0.2	2	0.015	0.28	1.43	0.03	0.05	0.38	2.3	78	34.3	157	2.79	4.8	16.0	18.1	39.8	4.99	< 0.1	3.0	0.7	3.7	33.9
A257917	8.7	0.2	2	0.018	0.45	1.24	0.06	0.07	0.84	2.7	65	45.5	339	2.86	7.5	28.4	34.7	39.9	4.64	< 0.1	3.4	0.9	14.9	52.7
A257918	19.5	0.3	2	0.026	0.97	2.03	0.06	0.06	0.44	4.7	140	85.9	324	5.57	14.7	41.4	54.5	53.8	8.18	< 0.1	7.5	0.8	9.5	63.2
A257919	13.6	0.2	2	0.020	0.72	1.71	0.06	0.07	0.34	3.2	136	75.8	315	4.64	10.6	39.0	35.6	85.3	9.56	< 0.1	4.3	0.8	13.2	44.2
A257920	19.1	0.3	2	0.022	1.03	2.36	0.06	0.04	0.37	3.2	132	115	289	4.89	14.9	69.8	47.0	104	9.12	< 0.1	4.8	0.8	7.1	119
A257921	11.9	0.3	3	0.023	0.47	1.71	0.05	0.08	0.49	3.4	98	44.2	284	4.41	9.1	23.5	29.1	51.4	7.61	< 0.1	3.4	0.8	9.8	36.2
A257922	13.4	0.4	2	0.022	0.53	1.93	0.05	0.09	0.41	3.3	100	51.1	297	4.24	12.3	41.2	77.9	58.9	6.80	< 0.1	5.7	0.7	8.8	36.9
A257923	13.7	0.3	2	0.046	0.64	2.27	0.06	0.06	0.52	4.2	96	63.5	303	3.86	10.9	43.4	43.2	45.7	7.16	< 0.1	3.5	0.8	6.7	33.3
A257924	11.4	0.4	3	0.013	0.49	2.29	0.12	0.04	0.50	4.7	122	64.5	404	4.70	12.7	31.3	63.0	48.8	7.57	< 0.1	83.9	0.5	22.4	161
A257925	11.1	0.3	2	0.018	0.43	1.55	0.04	0.06	0.42	3.1	103	38.7	272	4.22	8.6	24.6	40.3	35.7	6.11	< 0.1	5.8	0.7	6.8	42.0
A257926	9.7	0.2	2	0.016	0.42	1.27	0.05	0.07	0.43	2.2	76	34.5	260	3.20	8.1	21.0	40.1	47.7	6.20	< 0.1	2.6	0.5	11.3	49.2
A257927	12.2	0.3	3	0.017	0.57	1.45	0.11	0.06	0.47	2.8	79	42.3	561	3.29	12.0	29.4	31.5	97.3	6.33	< 0.1	1.4	0.6	20.7	62.5
A257928	24.4	0.3	2	0.022	1.52	2.56	0.44	0.04	0.53	6.2	150	49.9	456	5.48	21.0	33.5	107	82.4	9.65	0.2	3.0	0.7	62.4	70.3
A257929	18.3	0.2	2	0.021	0.66	1.66	0.08	0.06	0.44	3.2	96	39.3	302	3.36	11.8	27.1	41.3	50.0	7.00	< 0.1	3.1	0.7	15.1	50.3

Analyte Symbol	Li	Be	B	Na	Mg	Al	K	Bi	Ca	Sc	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Rb	Sr
Unit Symbol	ppm	ppm	ppm	%	%	%	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.1	0.1	1	0.001	0.01	0.01	0.01	0.02	0.01	0.1	1	0.5	1	0.01	0.1	0.1	0.01	0.1	0.02	0.1	0.1	0.1	0.1	0.5
Analysis Method	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
A257930	13.3	0.2	3	0.028	0.41	1.37	0.05	0.09	0.30	2.5	103	35.8	245	3.74	9.4	22.0	29.2	52.2	6.89	< 0.1	3.5	0.7	7.9	32.7
A257931	4.3	0.2	2	0.011	0.23	0.91	0.05	0.05	0.38	1.7	66	21.9	287	2.16	4.5	12.9	17.0	24.8	4.44	< 0.1	2.2	0.6	7.4	41.7
A257932	5.6	0.2	2	0.011	0.29	1.13	0.04	0.07	0.38	2.0	82	24.8	314	2.77	5.2	13.5	20.8	37.9	5.78	< 0.1	3.3	0.6	6.5	43.2
A257933	4.6	0.2	2	0.014	0.29	1.03	0.04	0.04	0.42	2.0	76	24.6	237	2.74	5.4	15.5	17.9	27.0	4.59	< 0.1	3.6	0.6	5.4	43.7
A257934	4.9	0.3	3	0.015	0.30	1.18	0.03	0.04	0.47	2.2	71	24.4	243	2.73	5.7	16.6	20.5	27.1	4.57	< 0.1	2.7	0.4	5.7	46.8
A257935	5.7	0.2	3	0.019	0.35	1.08	0.05	0.05	0.51	2.3	77	25.0	290	2.58	6.7	17.0	19.5	29.9	4.79	< 0.1	3.0	0.5	5.4	48.6
A257936	4.4	0.2	2	0.012	0.22	1.00	0.03	0.05	0.36	1.7	68	22.7	234	2.38	4.3	12.0	18.2	24.1	4.76	< 0.1	2.2	0.5	7.0	41.0
A257937	6.2	0.4	2	0.014	0.27	1.32	0.04	0.07	0.43	2.4	73	24.0	297	2.56	5.7	15.8	48.2	28.2	5.21	< 0.1	3.0	0.6	6.3	43.3
A257938	25.3	0.4	2	0.018	0.61	2.04	0.09	0.17	0.61	3.5	99	41.3	859	4.15	17.5	31.4	64.8	90.8	7.94	< 0.1	5.0	0.6	16.3	52.1
A257939	21.6	0.5	2	0.014	0.82	2.10	0.09	0.21	0.37	4.3	125	80.0	433	5.72	15.9	39.3	86.0	105	8.85	< 0.1	12.8	0.6	14.9	35.1
A257940	11.2	0.3	3	0.012	0.34	1.45	0.05	0.09	0.43	2.6	101	30.6	375	3.91	10.0	19.8	27.3	44.1	6.35	< 0.1	7.6	0.6	8.2	40.5
A257941	27.9	0.3	2	0.014	0.41	1.59	0.06	0.14	0.50	2.8	75	32.4	874	3.48	12.6	31.9	48.5	198	6.17	< 0.1	12.4	0.5	11.3	42.3
A257942	16.3	0.4	2	0.012	0.46	1.60	0.06	0.22	0.29	2.9	67	33.5	392	3.70	12.1	32.4	45.2	132	6.35	< 0.1	11.7	0.7	11.2	30.1
A257943	11.4	0.2	2	0.015	0.45	1.55	0.10	0.13	0.46	2.5	102	36.9	299	4.39	8.9	16.7	39.3	72.6	8.37	< 0.1	10.0	0.5	15.1	236
A257944	5.9	0.3	3	0.011	0.22	1.15	0.03	0.06	0.34	2.2	86	29.1	198	3.03	5.3	14.3	17.2	31.0	4.95	< 0.1	2.3	0.5	6.8	37.3
A257945	5.8	0.2	2	0.012	0.31	1.12	0.04	0.05	0.49	2.3	85	26.3	321	2.92	6.6	16.7	19.0	32.4	5.13	< 0.1	3.1	0.5	5.8	44.1
A257946	5.9	0.2	3	0.017	0.35	1.16	0.04	0.05	0.47	2.4	83	26.2	270	2.90	6.0	17.6	22.2	29.7	4.97	< 0.1	3.6	0.6	6.8	47.6
A257947	10.7	0.4	5	0.026	0.48	1.76	0.07	0.05	0.69	3.4	101	37.9	456	3.51	9.0	22.4	35.7	55.7	6.14	< 0.1	3.4	0.3	7.3	54.3
A257948	9.0	0.4	4	0.034	0.50	1.53	0.07	0.04	1.11	2.5	80	30.9	403	2.64	7.2	18.2	36.5	40.6	5.05	< 0.1	3.0	0.7	7.9	74.0
A257949	7.3	0.3	5	0.024	0.41	1.32	0.06	0.05	1.02	1.9	65	31.0	486	2.13	6.4	15.1	31.5	31.9	5.18	< 0.1	0.9	0.2	8.9	64.7
A257950	7.8	0.4	5	0.032	0.45	1.57	0.06	0.04	0.92	3.4	91	37.0	404	3.01	6.8	20.8	43.7	33.7	5.29	< 0.1	3.1	0.3	6.1	69.3
A257951	7.1	0.3	4	0.026	0.43	1.39	0.07	0.04	0.69	3.1	111	34.4	362	3.47	5.9	18.5	22.7	33.4	6.01	< 0.1	3.6	0.3	7.0	58.5
A257952	7.9	0.4	4	0.036	0.39	1.57	0.06	0.04	1.02	3.0	88	32.0	353	3.23	6.8	18.0	25.2	29.9	5.20	< 0.1	3.9	0.4	5.5	76.5
A257953	10.7	0.4	5	0.011	0.35	1.92	0.07	0.10	0.44	3.2	108	42.2	542	4.39	10.1	18.0	24.5	101	6.68	< 0.1	6.5	0.3	9.2	37.1
A257954	12.4	0.3	3	0.015	0.47	1.72	0.09	0.19	0.43	4.1	109	46.2	338	4.75	8.5	21.3	43.1	61.0	6.13	< 0.1	20.9	0.4	12.8	40.4
A257955	11.3	0.4	4	0.018	0.49	1.87	0.11	0.08	0.46	3.6	95	36.7	374	4.22	10.2	24.3	45.6	65.1	5.92	< 0.1	13.5	0.4	11.4	48.6
A257956	15.3	0.2	4	0.019	0.38	1.50	0.07	0.08	0.56	3.0	89	33.4	671	3.45	10.4	21.3	26.2	76.7	5.84	< 0.1	94.4	0.3	8.4	54.0
A257957	10.5	0.4	4	0.015	0.40	1.86	0.07	0.07	0.43	3.5	93	38.9	362	3.98	9.9	23.4	42.9	73.3	6.00	< 0.1	16.5	0.3	9.5	46.1
A257958	21.6	0.4	2	0.017	1.49	2.42	0.17	0.20	0.24	8.4	139	168	495	5.41	14.8	60.1	61.0	121	10.9	0.1	27.9	0.3	25.9	22.1
A257959	13.2	0.3	4	0.026	0.37	1.55	0.06	0.05	0.64	3.9	88	36.4	495	3.29	9.0	21.1	27.3	42.0	5.07	< 0.1	2.6	0.3	7.1	62.2
A257960	7.3	0.3	3	0.025	0.38	1.46	0.06	0.06	0.71	3.9	81	33.9	641	2.91	8.1	19.7	28.3	44.1	5.59	< 0.1	3.4	0.2	8.3	69.2
A257961	7.1	0.3	4	0.018	0.36	1.44	0.06	0.05	0.48	2.8	89	32.9	366	3.41	6.3	17.3	20.3	45.2	6.15	< 0.1	3.6	< 0.1	9.3	53.0
A257962	5.7	0.3	3	0.013	0.29	1.26	0.05	0.04	0.42	2.5	71	25.8	248	2.53	4.8	13.7	20.6	32.9	5.49	< 0.1	1.6	0.2	8.0	49.4
A257963	7.8	0.3	3	0.014	0.31	1.43	0.05	0.05	0.41	2.6	77	29.7	244	2.93	5.9	16.9	20.1	39.8	5.22	< 0.1	2.7	0.2	8.7	47.3
A257964	7.1	0.2	3	0.020	0.38	1.41	0.06	0.06	0.54	2.8	87	32.6	335	3.14	6.6	20.1	22.9	43.7	6.04	< 0.1	3.8	0.3	6.8	57.8
A257965	17.6	0.4	2	0.012	0.59	2.10	0.12	0.11	0.36	3.3	94	49.2	454	4.49	10.9	23.1	42.8	157	8.60	0.1	5.7	0.1	17.3	80.2
A257966	9.1	0.3	3	0.016	0.41	1.85	0.07	0.09	0.40	3.5	92	36.8	328	3.80	11.0	27.5	32.5	56.5	5.75	< 0.1	8.5	0.2	8.2	45.0
A257967	10.8	0.4	4	0.015	0.49	2.06	0.07	0.07	0.39	4.1	92	36.5	723	4.58	13.4	27.7	48.4	81.6	6.76	< 0.1	27.5	0.3	12.9	46.0
A257968	9.2	0.6	3	0.014	0.43	1.90	0.08	0.07	0.33	4.1	90	35.4	387	5.93	15.2	32.1	51.1	81.4	6.11	< 0.1	25.4	0.3	12.4	36.2
A257969	11.8	0.3	3	0.010	0.35	1.75	0.06	0.09	0.39	3.3	82	34.1	353	3.77	8.4	17.9	27.0	91.7	6.70	< 0.1	6.2	0.3	11.0	42.3
A257970	8.2	0.3	4	0.017	0.36	1.61	0.05	0.05	0.50	3.3	97	36.3	300	3.76	7.1	21.0	20.8	31.9	5.69	< 0.1	4.2	0.4	8.7	56.6
A257971	7.6	0.4	3	0.015	0.36	1.79	0.06	0.05	0.45	3.3	84	33.7	287	3.26	9.4	23.9	23.4	56.0	5.42	< 0.1	3.6	0.2	8.2	48.4
A257972	9.2	0.3	4	0.015	0.39	1.61	0.06	0.11	0.39	3.4	94	31.7	323	3.56	7.1	19.5	25.9	50.4	6.75	< 0.1	11.6	< 0.1	12.4	48.4
A257973	13.0	0.4	3	0.014	0.51	2.18	0.07	0.08	0.41	5.0	119	41.4	520	5.72	12.1	27.4	36.3	133	8.42	0.1	5.3	0.4	12.6	46.7
A257974	15.7	0.4	4	0.010	0.42	1.90	0.09	0.42	0.29	3.4	98	33.0	339	4.26	7.6	33.5	34.3	80.8	7.43	< 0.1	17.9	0.5	17.2	34.8
A257975	11.5	0.3	4	0.010	0.40	1.58	0.08	0.12	0.42	3.2	80	29.8	479	3.94	9.9	23.8	29.4	144	6.11	< 0.1	15.8	0.3	14.2	47.7
A257976	9.9	0.3	4	0.018	0.39	1.58	0.06	0.04	0.62	3.0	99	34.3	388	3.94	7.8	20.1	20.2	45.7	6.38	< 0.1	9.0	0.1	9.4	74.1
A257977	10.7	0.3	3	0.011	0.35	1.46	0.08	0.08	0.39	2.5	73	26.7	301	3.76	5.8	19.4	26.5	88.5	5.95	< 0.1	28.6	0.2	15.4	44.6
A257978	15.1	0.4	3	0.010	0.35	1.64	0.07	0.08	0.35	2.8	78	30.0	287	4.06	8.3	24.9	26.0	96.1	5.81	< 0.1	29.8	0.5	17.4	44.3
A257979	9.4	0.3	3	0.010	0.34	1.52	0.05	0.05	0.38	2.7	80	30.7	252	3.82	6.0	20.9	23.2	80.8	5.07	< 0.1	22.2	0.4	10.8	44.7
A257980	8.6	0.3	3	0.014	0.33	1.41	0.04	0.05	0.42	2.7	102	34.8	276	3.77	8.0	20.9	21.3	43.5	5.50	< 0.1	5.7	0.3	7.7	45.7
A257981	8.0	0.3	3	0.016	0.35	1.41	0.05	0.05	0.43	2.9	85	33.8	275	3.38	8.5	23.6	23.7	39.9	4.89	< 0.1	5.9	0.2	9.3	48.8

Analyte Symbol	Li	Be	B	Na	Mg	Al	K	Bi	Ca	Sc	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Rb	Sr
Unit Symbol	ppm	ppm	ppm	%	%	%	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.1	0.1	1	0.001	0.01	0.01	0.01	0.02	0.01	0.1	1	0.5	1	0.01	0.1	0.1	0.01	0.1	0.02	0.1	0.1	0.1	0.1	0.5
Analysis Method	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
A257982	12.2	0.4	4	0.026	0.45	1.84	0.05	0.06	0.62	4.0	98	37.0	310	3.78	10.4	26.3	36.9	47.3	6.77	< 0.1	6.5	0.2	8.4	56.7
A257983	10.0	0.2	3	0.009	0.27	1.18	0.04	0.09	0.38	2.4	93	31.8	242	3.37	5.4	11.9	12.1	77.1	6.33	< 0.1	4.5	0.2	14.0	42.3
A257984	5.9	0.2	2	0.012	0.26	1.22	0.04	0.10	0.30	2.3	120	25.6	205	3.63	3.9	9.3	20.3	50.7	8.30	< 0.1	6.2	0.2	10.3	38.3
A257985	15.2	0.4	3	0.014	0.45	1.83	0.05	0.11	0.39	3.3	94	33.7	338	4.45	10.6	22.2	43.4	114	6.45	0.1	18.1	0.3	10.5	43.4
A257986	12.0	0.5	3	0.007	0.38	1.62	0.11	0.06	0.23	1.8	55	19.5	250	4.82	4.7	11.7	17.9	81.5	5.10	< 0.1	73.4	0.4	22.4	27.2
A257987	12.2	0.3	5	0.012	0.44	1.68	0.05	0.16	0.37	2.6	129	31.0	360	5.56	7.2	13.7	38.8	67.2	7.41	< 0.1	12.2	0.3	10.5	41.0
A257988	12.1	0.4	3	0.010	0.40	1.90	0.06	0.07	0.42	3.3	106	38.7	483	4.57	9.0	20.7	35.6	92.7	6.61	< 0.1	7.9	0.3	14.8	40.6
A257989	13.1	0.3	2	0.011	0.31	1.47	0.05	0.11	0.37	2.8	108	34.0	272	4.49	5.5	13.0	15.3	80.4	8.17	0.1	4.9	0.2	12.0	40.1
A257990	11.0	0.3	3	0.014	0.32	2.28	0.04	0.07	0.37	3.4	149	52.1	327	5.66	6.8	18.7	20.3	62.7	7.64	0.1	5.2	0.3	8.4	37.8
A257991	7.2	0.5	3	0.020	0.38	1.92	0.04	0.04	0.44	3.9	110	40.9	330	4.11	8.6	22.2	35.2	44.7	4.74	< 0.1	5.5	0.5	6.8	43.5
A257992	15.0	0.4	4	0.019	0.41	2.48	0.05	0.09	0.36	3.9	112	45.4	368	4.99	8.6	22.7	29.7	91.1	7.92	0.1	6.1	0.3	11.0	37.2
A257993	9.4	0.3	3	0.012	0.27	1.86	0.04	0.09	0.36	3.1	110	37.1	341	4.22	7.4	14.8	41.3	80.6	7.33	< 0.1	10.2	0.3	8.4	41.1
A257994	11.4	0.3	3	0.012	0.38	1.83	0.05	0.08	0.33	2.8	90	31.3	289	3.71	7.1	16.5	24.1	59.3	5.73	< 0.1	8.1	0.3	9.3	37.5
A257995	13.1	0.4	3	0.015	0.36	2.20	0.05	0.09	0.34	3.1	104	38.5	275	4.63	6.8	17.8	26.7	58.8	6.72	0.1	10.8	0.3	9.5	36.3
A257996	7.1	0.3	3	0.008	0.38	1.78	0.04	0.04	0.34	2.5	85	35.2	275	3.25	5.4	17.7	24.2	36.1	4.63	< 0.1	6.0	0.4	4.2	30.6
A257997	9.6	0.4	4	0.017	0.40	1.84	0.04	0.06	0.41	2.9	99	29.2	287	3.80	7.2	18.6	49.8	66.3	5.55	< 0.1	6.9	0.4	6.3	42.9
A257998	8.1	0.3	3	0.013	0.24	1.64	0.04	0.06	0.38	3.0	101	38.5	245	3.84	5.0	13.9	17.2	51.2	5.96	< 0.1	3.9	0.1	7.0	43.2
A257999	8.0	0.3	4	0.017	0.34	1.58	0.05	0.05	0.48	3.3	112	42.5	325	4.19	8.7	22.3	24.7	43.0	5.15	0.1	5.6	0.4	8.4	48.0
A258000	9.0	0.3	4	0.014	0.27	1.77	0.04	0.05	0.42	2.6	113	41.1	313	4.51	5.4	13.8	16.1	62.0	5.79	0.1	5.4	0.3	6.6	42.5
A415001	7.7	0.3	4	0.026	0.51	1.38	0.06	0.05	0.63	2.1	68	35.4	327	2.41	6.4	22.0	37.2	45.5	5.18	0.1	1.6	0.1	6.3	59.0
A415002	13.6	0.3	3	0.020	0.47	1.58	0.06	0.07	0.81	2.9	70	35.8	2900	2.60	9.1	26.5	41.1	63.2	5.28	0.1	2.6	0.6	9.2	59.6
A415003	10.9	0.3	3	0.028	0.47	1.74	0.05	0.05	0.63	3.7	86	40.9	308	2.78	9.2	59.7	62.2	42.4	5.30	0.1	9.1	0.3	6.6	54.7
A415004	7.8	0.3	3	0.015	0.34	1.90	0.04	0.05	0.37	3.4	88	35.7	282	3.27	6.0	20.5	28.6	40.5	5.96	< 0.1	3.5	0.1	7.3	42.2
A415005	12.8	0.3	3	0.021	0.52	1.90	0.05	0.05	0.42	3.8	102	46.6	283	4.28	7.4	23.6	29.7	48.9	6.34	0.1	3.3	0.3	10.8	41.3
A415006	22.1	0.3	2	0.022	0.75	2.81	0.05	0.06	0.28	3.4	77	83.1	256	4.07	11.9	78.1	59.2	50.1	7.73	0.1	3.3	0.2	7.4	30.0
A415007	12.0	0.2	3	0.026	0.46	1.75	0.05	0.07	0.44	3.7	95	39.3	244	3.66	6.6	16.9	25.7	36.3	7.69	< 0.1	4.8	0.2	9.9	41.4
A415008	11.6	0.2	2	0.026	0.52	1.57	0.05	0.06	0.58	3.4	86	36.4	268	3.16	8.0	21.8	35.2	42.8	6.46	0.1	1.9	0.1	8.7	56.2
A415009	5.4	0.2	3	0.015	0.27	0.88	0.03	0.04	0.91	1.2	41	25.2	157	1.77	4.1	13.5	41.5	19.7	4.14	< 0.1	1.4	0.5	4.4	56.9
A415010	12.9	0.3	5	0.037	0.56	1.61	0.06	0.05	0.63	3.9	93	46.0	328	3.70	9.6	27.5	43.1	38.3	6.15	0.1	3.9	0.3	9.7	54.2
A415011	23.9	0.4	4	0.061	0.58	1.71	0.08	0.06	1.31	5.1	100	45.8	640	3.38	9.7	23.4	75.9	43.2	4.91	0.1	3.9	0.5	6.8	67.7
A415012	13.0	0.8	4	0.032	0.47	2.17	0.07	0.09	2.29	3.1	84	44.9	1170	3.35	10.5	34.8	201	50.4	4.91	0.1	5.6	1.3	10.2	84.4
A415013	16.1	0.4	5	0.051	0.58	2.01	0.08	0.06	1.28	4.6	95	41.3	438	3.47	8.8	23.7	109	69.3	5.50	< 0.1	3.1	0.3	8.8	76.3
A415014	16.2	0.3	4	0.024	0.50	1.90	0.07	0.08	0.59	4.2	132	47.0	341	4.93	8.8	25.6	33.8	35.3	7.20	0.1	4.4	0.2	6.7	48.7
A415015	5.2	0.4	3	0.022	0.34	1.51	0.05	0.04	0.58	3.8	101	47.3	291	3.53	6.6	20.1	21.7	25.8	4.18	< 0.1	4.1	0.1	4.6	55.0
A415016	11.7	0.3	3	0.037	0.70	2.36	0.10	0.05	0.60	4.0	102	38.8	357	4.03	11.7	25.0	46.6	63.6	6.94	0.1	1.9	< 0.1	7.6	66.1
A415017	20.6	0.2	3	0.020	0.42	1.53	0.05	0.05	0.53	3.8	106	41.5	302	4.00	10.0	28.4	44.7	31.5	4.63	< 0.1	5.9	0.2	4.9	45.2
A415018	8.5	0.3	2	0.017	0.29	1.27	0.06	0.08	0.51	3.1	85	31.6	372	3.43	7.5	13.5	19.4	44.9	6.13	< 0.1	3.8	< 0.1	9.4	48.7
A415019	10.3	0.3	4	0.030	0.56	1.44	0.06	0.04	0.72	4.4	124	62.2	334	4.61	8.1	28.9	31.9	33.5	5.85	0.1	4.0	< 0.1	7.0	57.0
A415020	6.5	0.2	2	0.019	0.36	1.26	0.06	0.08	0.42	3.4	101	48.9	247	3.40	6.0	16.5	26.9	34.9	6.40	0.1	1.8	< 0.1	20.6	44.4
A415021	15.0	0.3	1	0.033	0.85	2.15	0.16	0.05	0.53	4.6	139	63.5	408	5.33	14.9	37.9	72.4	72.2	7.03	0.1	5.0	0.2	17.4	34.1
A415022	31.3	0.5	< 1	0.056	1.09	2.14	0.12	0.08	0.70	4.0	157	27.3	528	6.68	14.0	22.4	195	90.9	8.52	0.1	2.6	0.2	12.4	25.4
A415023	13.1	0.3	3	0.030	0.51	1.49	0.06	0.06	0.61	4.3	109	50.8	306	4.24	8.9	24.1	22.5	36.5	6.44	0.1	3.3	< 0.1	10.7	54.4
A415024	20.5	0.2	2	0.025	0.79	1.48	0.06	0.07	0.46	3.2	97	103	287	4.06	11.9	61.2	58.2	40.1	6.34	0.1	1.9	< 0.1	12.2	48.7
A415025	10.2	0.2	8	0.051	0.43	1.28	0.05	0.06	0.54	3.8	124	57.6	289	4.78	7.6	21.4	25.2	34.0	5.46	0.1	3.2	0.1	7.1	54.8
A415026	4.6	0.1	2	0.019	0.40	1.04	0.06	0.09	0.47	3.1	125	52.4	273	4.18	6.2	18.7	24.7	33.1	7.87	0.1	2.9	0.1	13.6	50.0
A415027	13.3	0.3	2	0.038	0.53	1.49	0.05	0.07	0.55	4.0	92	55.4	326	3.55	9.1	45.1	76.2	66.4	6.97	< 0.1	3.0	< 0.1	8.4	43.7
A415028	19.1	0.3	2	0.017	0.70	2.27	0.05	0.08	0.47	5.7	129	81.6	349	5.35	16.1	57.1	46.9	52.8	8.47	0.1	9.9	0.1	7.5	41.4
A415029	12.4	0.3	3	0.016	0.50	1.58	0.06	0.09	0.57	4.0	84	46.8	477	3.72	11.1	28.1	47.4	62.5	6.11	0.1	3.9	0.3	12.2	40.7
A415030	11.4	0.3	3	0.020	0.43	1.85	0.05	0.07	0.46	4.4	119	46.8	275	4.13	6.8	23.4	26.8	38.5	7.90	0.1	7.7	< 0.1	7.9	49.1
A415031	12.9	0.4	3	0.017	0.53	2.19	0.06	0.08	0.46	4.7	99	42.4	325	4.20	8.8	25.3	43.6	49.4	6.74	0.1	5.4	0.2	11.6	47.5
A415032	10.0	0.3	5	0.043	0.45	1.65	0.05	0.06	0.56	3.5	93	40.1	305	4.08	6.5	17.4	36.5	38.7	5.97	0.1	3.8	0.2	6.3	61.2
A415033	7.7	0.2	3	0.023	0.43	1.33	0.07	0.06	0.56	3.7	101	44.3	321	3.83	8.2	22.4	29.4	36.1	4.83	0.1	3.4	< 0.1	7.8	51.7

Analyte Symbol	Li	Be	B	Na	Mg	Al	K	Bi	Ca	Sc	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Rb	Sr
Unit Symbol	ppm	ppm	ppm	%	%	%	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.1	0.1	1	0.001	0.01	0.01	0.01	0.02	0.01	0.1	1	0.5	1	0.01	0.1	0.1	0.01	0.1	0.02	0.1	0.1	0.1	0.1	0.5
Analysis Method	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
A415034	11.1	0.2	2	0.019	0.38	1.37	0.07	0.06	0.48	3.3	74	34.4	276	3.11	7.4	16.3	17.1	55.6	5.77	< 0.1	2.1	< 0.1	9.1	46.2
A415035	14.1	0.3	4	0.020	0.52	1.60	0.08	0.08	0.47	3.9	102	43.4	429	4.04	10.8	25.5	32.0	73.6	6.81	0.1	4.1	< 0.1	13.0	42.4
A415036	8.4	0.3	2	0.013	0.26	1.51	0.05	0.06	0.44	3.2	100	37.1	405	3.88	6.9	14.4	16.6	44.0	5.06	0.1	4.8	< 0.1	7.5	43.4
A415037	9.1	0.3	3	0.014	0.34	1.58	0.05	0.06	0.48	3.8	104	42.0	292	4.15	6.2	18.6	22.4	46.2	5.45	0.1	4.1	< 0.1	8.0	47.2
A415038	7.5	0.2	2	0.014	0.33	1.37	0.05	0.07	0.43	3.4	91	35.0	289	3.44	5.4	17.3	21.8	35.8	5.93	0.1	3.3	< 0.1	8.2	47.8
A415039	8.3	0.3	2	0.014	0.30	1.35	0.05	0.07	0.40	3.3	85	37.6	303	3.59	5.8	15.8	19.4	56.5	5.11	0.1	3.6	0.1	9.3	42.5
A415040	6.6	0.2	3	0.014	0.32	1.40	0.06	0.09	0.45	3.5	87	34.3	266	3.70	5.0	15.5	22.9	57.7	5.44	0.1	8.8	0.2	9.7	49.2
A415041	6.3	0.3	3	0.013	0.26	1.27	0.06	0.09	0.43	3.3	85	30.4	278	3.40	4.9	11.7	18.5	67.2	5.93	0.1	5.9	< 0.1	11.2	51.2
A415042	5.0	0.3	2	0.011	0.28	1.13	0.07	0.10	0.38	3.0	68	29.9	328	3.10	6.2	15.9	28.9	61.2	4.40	0.1	18.9	0.1	11.1	45.2
A415043	14.2	0.3	3	0.009	0.27	0.98	0.05	0.08	1.31	1.5	46	26.4	373	2.53	5.2	20.7	41.1	74.3	3.41	0.1	10.6	1.6	6.7	76.6
A415044	7.5	0.4	3	0.008	0.30	1.36	0.08	0.16	0.29	2.7	61	25.9	301	4.48	6.5	20.8	30.2	119	4.62	0.1	32.9	0.7	12.6	35.3
A415045	7.8	0.3	2	0.005	0.26	1.26	0.06	0.11	0.32	2.6	62	26.3	246	3.61	4.9	14.6	20.5	83.6	4.28	0.1	21.7	0.1	11.0	35.3
A415046	11.8	0.4	3	0.007	0.35	1.39	0.06	0.13	0.29	3.1	80	31.7	263	4.63	5.8	17.5	26.4	81.3	5.43	0.1	28.9	0.3	13.2	34.2
A415047	9.7	0.3	2	0.010	0.33	1.36	0.06	0.11	0.39	3.1	82	35.5	321	4.44	6.2	18.1	24.5	81.6	4.97	0.1	24.7	0.2	11.1	43.1
A415048	10.6	0.3	3	0.010	0.44	1.51	0.06	0.09	0.36	3.5	80	36.4	357	3.70	7.1	18.4	29.7	70.2	5.43	0.1	12.9	< 0.1	11.8	41.7
A415049	9.5	0.2	2	0.013	0.41	1.24	0.08	0.09	0.41	3.3	90	35.7	396	4.08	8.0	18.3	25.6	59.6	5.61	0.1	15.2	< 0.1	17.9	45.8
A415050	12.9	0.4	2	0.016	0.49	1.72	0.06	0.13	0.43	4.0	128	47.4	419	5.84	10.3	24.4	30.4	110	7.35	0.1	29.1	0.5	9.9	49.2
A415051	7.2	0.3	3	0.009	0.48	1.50	0.06	0.10	0.40	3.9	119	46.7	323	4.94	6.5	18.0	30.2	66.0	7.04	0.1	16.9	0.3	13.5	43.7
A415052	11.3	0.4	3	0.010	0.36	1.67	0.05	0.10	0.34	3.3	90	37.6	385	4.13	6.0	15.6	19.7	75.7	6.75	0.1	9.0	0.2	13.2	41.8
A415053	6.6	0.2	2	0.011	0.30	1.19	0.05	0.06	0.47	3.0	90	36.4	277	3.73	5.5	15.7	19.6	40.8	4.31	0.1	7.7	0.2	7.5	45.6
A415054	7.4	0.2	2	0.011	0.26	0.94	0.06	0.08	0.60	2.6	94	31.4	291	3.41	5.5	12.3	16.7	35.5	5.39	0.1	4.6	< 0.1	9.1	55.8
A415055	6.4	0.3	2	0.013	0.29	1.48	0.05	0.07	0.43	3.3	102	36.6	261	4.10	4.7	15.1	19.6	40.4	5.45	0.1	6.6	< 0.1	7.1	44.7
A415056	11.2	0.3	3	0.010	0.41	1.54	0.05	0.06	0.40	3.5	86	35.5	334	3.64	8.4	27.9	34.2	39.8	4.68	0.1	3.9	0.3	7.0	40.4
A415057	11.5	0.3	2	0.009	0.29	1.45	0.05	0.08	0.38	3.1	113	40.2	250	4.17	5.2	13.5	14.3	40.1	6.18	0.1	3.3	0.1	9.1	38.0
A415058	7.1	0.3	2	0.005	0.24	1.32	0.04	0.07	0.36	2.7	91	33.6	251	3.64	4.7	11.9	16.1	41.6	5.84	0.1	4.0	0.2	7.2	40.7
A415059	11.9	0.3	5	0.015	0.43	1.74	0.05	0.07	0.46	4.0	117	41.0	339	4.82	7.6	19.2	25.8	59.2	6.40	0.2	4.6	< 0.1	8.8	48.8
A415060	9.5	0.3	4	0.008	0.39	1.44	0.05	0.07	0.44	3.5	108	41.2	342	4.15	8.6	20.5	25.0	42.4	5.31	0.1	3.9	< 0.1	7.7	41.8
A415061	21.6	0.2	3	0.012	0.34	1.46	0.05	0.07	0.57	3.3	87	30.2	288	3.40	6.6	15.6	20.7	33.4	6.11	0.1	6.5	0.3	6.7	56.2
A415062	17.8	0.4	3	0.018	0.63	1.96	0.06	0.07	0.49	4.7	171	46.6	436	6.48	8.0	17.5	39.8	72.8	8.72	0.2	12.0	0.3	8.7	46.3
A415063	7.6	0.2	2	0.007	0.34	1.14	0.04	0.06	0.38	2.5	103	35.8	276	3.77	5.5	14.5	18.5	35.4	5.69	0.1	3.9	0.2	5.9	38.0
A415064	9.1	0.2	3	0.017	0.46	1.28	0.05	0.05	0.54	3.8	109	37.6	472	4.12	10.2	17.8	26.3	60.6	5.91	0.1	3.7	0.2	11.7	49.3
A415065	27.0	0.3	1	0.049	1.95	2.78	0.22	0.06	0.72	5.4	163	120	675	6.22	23.5	66.7	87.8	97.2	11.3	0.2	1.4	0.3	19.3	57.8
A415066	12.7	0.3	2	0.024	0.70	1.66	0.06	0.09	0.46	4.3	125	54.6	507	4.94	10.6	26.5	34.9	72.9	7.87	0.2	8.9	0.1	10.7	48.2
A415067	14.7	0.3	2	0.032	0.73	1.68	0.06	0.06	0.56	4.2	108	42.2	489	4.38	13.5	25.7	64.4	57.7	6.09	0.1	5.0	0.2	8.0	53.1
A415068	13.7	0.3	2	0.016	0.62	1.63	0.05	0.06	0.48	3.9	127	47.4	383	4.76	11.1	24.2	41.1	49.9	6.19	0.2	6.9	< 0.1	8.5	42.0
A415069	23.4	0.5	4	0.051	1.17	2.86	0.10	0.06	0.83	6.5	148	61.9	571	6.11	16.0	34.7	45.8	84.7	8.96	0.2	7.4	0.3	13.3	54.9
A415070	26.4	0.3	4	0.076	1.63	2.55	0.10	0.07	1.10	7.9	170	61.4	761	6.55	24.0	35.1	75.8	91.4	11.4	0.2	2.2	0.3	16.7	56.0
A415071	31.9	0.4	3	0.038	2.30	3.12	0.32	0.02	0.98	8.9	196	75.0	763	7.82	25.8	41.7	68.7	87.2	11.6	0.3	5.3	0.4	35.2	58.7
A415072	16.5	0.3	3	0.029	0.93	2.19	0.07	0.07	0.63	5.1	132	60.7	469	5.06	11.2	29.9	30.0	76.6	9.33	0.2	4.9	0.4	11.8	47.5
A415073	14.6	0.4	2	0.025	0.92	2.34	0.06	0.05	0.57	4.6	110	50.9	410	4.52	11.8	30.8	49.6	52.2	7.43	0.1	10.0	0.3	9.4	42.8
A415074	49.9	0.4	3	0.078	1.34	2.82	0.07	0.10	0.89	8.9	134	66.4	1320	6.31	29.5	73.3	256	110	8.98	0.2	74.7	0.5	12.3	74.5
A415075	19.7	0.4	3	0.050	1.13	2.43	0.08	0.07	0.82	6.0	136	60.5	721	6.00	19.2	37.4	63.3	69.7	7.97	0.2	41.5	0.4	9.9	59.8
A415076	11.7	0.3	3	0.021	0.57	1.87	0.07	0.07	0.53	4.2	123	54.2	303	4.79	8.0	21.2	66.9	55.9	7.92	0.1	5.0	0.2	14.6	63.5
A415077	15.0	0.3	2	0.027	0.76	2.16	0.08	0.06	0.49	4.2	110	77.0	344	4.52	12.5	48.3	102	54.9	6.93	0.1	4.1	0.4	10.8	33.4
A415078	13.7	0.3	5	0.014	0.49	1.92	0.06	0.08	1.42	5.7	121	73.4	458	4.67	16.0	51.2	48.7	145	7.86	0.2	2.0	0.3	14.6	60.2
A415079	15.5	0.3	3	0.032	0.74	1.95	0.07	0.07	0.70	3.5	95	80.3	263	3.54	11.7	66.0	50.9	35.0	6.30	0.1	4.0	0.4	10.5	48.7
A415080	10.9	0.1	1	0.032	0.52	1.60	0.09	0.08	0.69	4.0	134	41.7	228	3.70	8.0	18.7	28.2	38.9	8.05	0.1	1.4	0.2	14.7	57.9
A415081	19.4	0.3	2	0.034	1.20	2.55	0.10	0.07	0.65	4.4	150	140	381	5.99	17.1	106	34.4	82.9	8.93	0.1	3.2	< 0.1	13.5	85.1
A415082	15.6	0.3	3	0.016	0.56	1.87	0.08	0.12	0.35	4.8	167	51.9	300	6.12	9.0	28.0	44.3	52.3	9.44	0.1	85.7	0.2	22.9	37.7
A415083	11.2	0.3	3	0.022	0.45	2.12	0.08	0.09	0.55	4.3	112	36.0	280	4.81	6.7	17.5	35.6	52.7	7.92	0.1	3.5	0.3	14.7	93.9
A415084	17.4	0.3	4	0.042	0.74	2.14	0.06	0.07	0.67	5.1	108	48.5	357	4.30	11.4	27.2	87.2	37.8	7.31	0.1	3.4	0.1	8.4	64.5
A415085	11.1	0.3	2	0.039	0.60	1.62	0.07	0.05	0.71	4.4	93	41.0	306	3.38	8.3	20.2	36.4	37.7	7.52	0.1	1.1	0.2	8.6	56.3

Analyte Symbol	Li	Be	B	Na	Mg	Al	K	Bi	Ca	Sc	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Rb	Sr
Unit Symbol	ppm	ppm	ppm	%	%	%	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.1	0.1	1	0.001	0.01	0.01	0.01	0.02	0.01	0.1	1	0.5	1	0.01	0.1	0.1	0.01	0.1	0.02	0.1	0.1	0.1	0.1	0.5
Analysis Method	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
A415086	15.1	0.4	3	0.040	0.60	1.91	0.08	0.06	0.84	4.8	104	49.2	416	3.52	10.5	35.6	211	39.9	5.89	0.1	6.5	0.3	11.2	66.9
A415087	15.4	0.2	4	0.073	0.72	1.66	0.07	0.05	1.23	5.0	109	45.8	511	3.61	11.2	26.3	71.9	38.2	5.51	0.1	4.2	0.5	8.7	80.4
A415088	24.1	0.3	3	0.037	0.68	1.78	0.09	0.08	0.68	4.5	102	44.3	410	3.83	12.2	24.2	52.8	65.2	6.20	< 0.1	1.4	0.2	14.0	61.7
A415089	20.0	0.2	3	0.057	0.95	2.14	0.10	0.05	1.00	6.1	116	55.2	413	4.03	13.7	28.5	41.3	38.3	7.69	0.1	1.2	0.2	13.7	110
A415090	9.5	0.2	3	0.022	0.36	1.24	0.07	0.06	0.58	3.4	104	44.8	275	3.42	7.4	19.4	18.4	30.8	5.40	< 0.1	2.0	0.4	16.0	61.7
A415091	16.7	0.2	3	0.069	1.02	2.94	0.16	0.06	0.72	4.8	102	31.9	429	3.85	16.9	26.9	106	94.7	8.91	< 0.1	0.7	0.2	12.0	130
A415092	12.7	0.2	3	0.014	0.53	1.65	0.08	0.07	0.46	3.4	106	40.4	306	3.74	10.6	26.1	26.1	64.5	7.21	0.1	3.7	< 0.1	12.2	38.9
A415093	13.7	0.6	2	0.018	0.49	2.36	0.06	0.10	0.38	4.3	103	46.7	337	4.08	10.5	24.8	34.1	111	6.09	0.1	4.3	0.2	9.9	38.4
A415094	8.5	0.3	3	0.014	0.33	1.35	0.05	0.05	0.51	3.0	96	40.9	287	3.70	5.9	16.9	17.9	45.3	4.59	0.1	4.7	0.4	5.7	43.9
A415095	17.3	0.3	3	0.019	0.66	1.81	0.07	0.07	0.66	5.5	96	37.9	406	3.72	10.2	22.7	37.8	75.4	6.47	< 0.1	10.3	0.3	9.7	68.4
A415096	7.9	0.4	3	0.008	0.43	1.59	0.06	0.06	0.41	3.5	94	41.6	395	4.00	9.6	24.7	32.3	61.7	4.40	0.1	10.5	0.5	7.0	44.0
A415097	12.8	0.4	2	0.013	0.35	1.81	0.06	0.08	0.42	3.7	116	46.0	286	4.45	6.3	17.0	19.7	51.3	5.82	0.1	4.1	0.2	9.1	43.4
A415098	11.2	0.3	3	0.011	0.41	1.52	0.06	0.09	0.75	3.7	145	51.5	466	5.01	11.4	19.4	22.8	53.7	6.70	0.1	5.8	0.2	9.8	58.1
A415099	10.5	0.3	3	0.009	0.39	1.77	0.05	0.08	0.41	4.2	102	37.3	278	3.71	6.3	16.3	25.1	38.5	6.31	0.1	5.4	0.3	7.7	45.1
A415100	11.4	0.4	2	0.013	0.33	2.21	0.06	0.08	0.43	4.1	99	36.0	241	3.53	5.0	13.1	17.1	47.0	7.45	0.1	3.0	0.6	6.2	50.2
A415101	9.4	0.3	2	0.016	0.44	1.73	0.06	0.06	0.47	4.2	100	44.6	301	3.87	6.5	20.3	27.9	45.3	5.20	0.1	4.6	0.3	6.2	58.1
A415102	12.4	0.5	3	0.014	0.46	2.23	0.06	0.07	0.47	4.0	117	48.2	362	4.89	7.7	22.0	30.3	68.0	5.64	0.1	9.5	0.3	8.5	46.4
A415103	8.9	0.3	3	0.012	0.35	1.65	0.06	0.09	0.43	3.7	120	39.0	265	4.26	4.9	14.9	21.3	49.2	7.86	0.1	4.9	0.2	8.4	66.8
A415104	7.4	0.2	1	0.002	0.18	1.21	0.06	0.13	0.29	2.5	78	27.2	198	2.80	3.1	8.8	14.3	62.0	6.00	< 0.1	7.9	< 0.1	9.9	35.4
A415105	11.0	0.3	2	0.015	0.35	1.46	0.07	0.09	0.47	3.6	138	51.1	292	4.97	6.4	17.4	19.8	49.8	6.26	0.1	6.1	0.2	8.3	44.7

Analyte Symbol	Y	Zr	Nb	Mo	Ag	Cd	In	Sn	Sb	Te	Cs	Ba	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.01	0.1	0.1	0.01	0.002	0.01	0.02	0.05	0.02	0.02	0.02	0.5	0.5	0.01	0.1	0.02	0.1	0.1	0.1	0.1	0.001	0.1	0.1	0.1
Analysis Method	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
A257826	4.28	4.3	1.4	0.85	0.076	0.10	0.02	0.31	0.28	0.04	0.59	73.8	6.1	12.8	1.5	5.66	1.2	0.3	1.2	0.2	0.909	0.2	0.5	< 0.1
A257827	3.42	2.4	1.0	0.71	0.083	0.14	< 0.02	0.48	0.29	< 0.02	0.50	62.1	6.2	12.2	1.3	5.12	1.0	0.3	0.9	0.1	0.753	0.1	0.4	< 0.1
A257828	2.84	2.6	1.3	0.53	0.101	0.12	< 0.02	0.44	0.19	0.02	0.52	70.9	5.2	10.8	1.2	4.49	0.9	0.2	0.8	0.1	0.620	0.1	0.3	< 0.1
A257829	4.03	2.3	1.1	0.50	0.231	0.07	< 0.02	0.47	0.21	0.03	0.59	81.5	6.0	12.3	1.4	5.43	1.1	0.3	1.1	0.1	0.885	0.2	0.4	< 0.1
A257830	6.75	1.6	0.9	0.68	0.310	0.13	< 0.02	0.43	0.15	0.03	0.63	130	8.8	16.9	2.1	8.31	1.7	0.5	1.7	0.2	1.34	0.3	0.7	< 0.1
A257831	7.15	2.0	1.2	0.85	0.232	0.10	0.02	0.53	0.17	< 0.02	0.67	138	10.6	20.4	2.5	9.67	2.0	0.5	1.9	0.3	1.54	0.3	0.8	0.1
A257832	5.70	3.4	1.3	0.63	0.101	0.10	< 0.02	0.50	0.24	0.04	0.60	106	7.4	17.6	1.8	6.93	1.4	0.4	1.5	0.2	1.17	0.2	0.6	< 0.1
A257833	5.15	2.1	1.2	0.88	0.105	0.13	< 0.02	0.48	0.17	0.04	0.52	97.9	7.3	13.5	1.7	6.74	1.4	0.4	1.3	0.2	1.05	0.2	0.6	< 0.1
A257834	4.74	2.0	0.9	1.01	0.187	0.14	< 0.02	0.54	0.14	0.04	0.47	129	7.4	14.5	1.7	6.38	1.3	0.3	1.3	0.2	1.00	0.2	0.5	< 0.1
A257835	6.60	2.3	1.2	0.74	0.135	0.21	< 0.02	0.32	0.25	0.05	0.53	98.4	8.2	14.6	1.9	7.60	1.6	0.4	1.5	0.2	1.29	0.2	0.6	< 0.1
A257836	7.97	2.1	1.2	0.87	0.221	0.32	< 0.02	0.36	0.23	0.05	0.60	102	10.4	17.5	2.5	10.0	2.1	0.5	2.0	0.3	1.55	0.3	0.8	0.1
A257837	8.19	2.4	1.1	1.23	0.171	0.34	0.02	0.40	0.28	0.02	0.64	123	10.0	22.7	2.4	9.48	2.0	0.5	2.0	0.3	1.61	0.3	0.8	0.1
A257838	3.85	3.3	1.3	0.57	0.102	0.10	< 0.02	0.38	0.21	< 0.02	0.65	97.3	6.5	13.4	1.5	5.72	1.1	0.3	1.1	0.1	0.803	0.2	0.4	< 0.1
A257839	4.39	2.4	1.3	0.54	0.107	0.10	< 0.02	0.36	0.18	< 0.02	0.60	89.6	7.0	14.1	1.6	5.99	1.2	0.3	1.2	0.2	0.925	0.2	0.4	< 0.1
A257840	4.78	2.7	1.0	0.47	0.105	0.10	< 0.02	0.32	0.20	0.02	0.52	118	7.9	15.6	1.7	6.55	1.3	0.3	1.2	0.2	0.996	0.2	0.5	< 0.1
A257841	4.63	2.3	1.0	0.40	0.068	0.08	< 0.02	0.29	0.18	< 0.02	0.46	81.5	6.8	13.9	1.6	6.15	1.2	0.3	1.2	0.2	0.916	0.2	0.5	< 0.1
A257842	3.74	2.2	1.1	0.45	0.120	0.08	< 0.02	0.34	0.19	0.02	0.57	85.5	6.3	12.8	1.4	5.52	1.1	0.3	1.0	0.1	0.781	0.2	0.4	< 0.1
A257843	3.94	2.5	1.3	0.60	0.195	0.10	< 0.02	0.37	0.19	< 0.02	0.75	84.0	6.9	13.9	1.5	5.92	1.2	0.3	1.1	0.1	0.869	0.2	0.4	< 0.1
A257844	3.99	3.0	1.4	0.52	0.189	0.13	< 0.02	0.49	0.23	0.03	0.57	84.1	6.7	13.3	1.5	5.68	1.1	0.3	1.1	0.1	0.822	0.2	0.4	< 0.1
A257845	4.18	2.8	1.4	0.49	0.077	0.07	< 0.02	0.38	0.19	< 0.02	0.62	80.7	7.2	14.7	1.6	6.22	1.2	0.3	1.2	0.2	0.891	0.2	0.4	< 0.1
A257846	3.51	2.2	1.4	0.72	0.111	0.11	< 0.02	0.42	0.32	< 0.02	0.64	91.6	7.9	15.9	1.8	6.70	1.3	0.3	1.1	0.1	0.749	0.1	0.4	< 0.1
A257847	3.28	2.8	1.6	1.07	0.086	0.31	0.02	0.44	0.49	< 0.02	0.66	76.8	8.3	16.6	1.9	7.05	1.3	0.3	1.1	0.1	0.696	0.1	0.3	< 0.1
A257848	3.65	2.2	1.4	1.52	0.176	0.15	< 0.02	0.64	0.44	0.03	0.77	85.8	9.0	18.3	2.0	7.42	1.4	0.3	1.2	0.1	0.797	0.1	0.4	< 0.1
A257849	3.21	2.7	1.3	2.03	0.139	0.29	< 0.02	0.29	0.88	< 0.02	0.62	63.4	7.4	14.7	1.6	6.11	1.1	0.3	1.0	0.1	0.672	0.1	0.3	< 0.1
A257850	4.49	2.5	1.2	2.63	0.159	0.24	0.02	0.35	1.35	0.04	0.90	93.2	9.0	17.8	2.1	7.87	1.5	0.4	1.3	0.2	0.923	0.2	0.5	< 0.1
A257851	5.21	3.1	0.8	0.76	0.047	0.16	< 0.02	0.58	0.61	< 0.02	0.44	54.6	7.1	16.5	1.7	6.49	1.4	0.3	1.3	0.2	1.09	0.2	0.6	< 0.1
A257852	3.97	3.4	1.5	1.30	0.072	0.21	< 0.02	0.36	0.60	< 0.02	0.49	80.3	8.1	16.5	1.9	6.95	1.4	0.3	1.2	0.1	0.822	0.2	0.4	< 0.1
A257853	5.23	6.2	1.0	1.33	0.173	0.29	0.03	0.24	0.32	0.05	0.55	91.4	5.4	11.4	1.3	5.43	1.2	0.4	1.3	0.2	1.10	0.2	0.6	< 0.1
A257854	3.99	3.2	1.3	1.61	0.162	0.22	0.02	0.42	0.39	< 0.02	0.64	84.9	7.2	15.0	1.7	6.34	1.2	0.3	1.1	0.1	0.845	0.2	0.4	< 0.1
A257855	3.65	1.3	1.1	1.25	0.328	0.28	< 0.02	0.44	0.29	0.02	0.42	95.4	5.6	11.6	1.3	5.03	1.1	0.3	1.0	0.1	0.749	0.1	0.4	< 0.1
A257856	4.88	2.7	1.1	0.90	0.141	0.19	0.02	0.33	0.62	< 0.02	0.62	85.3	8.7	17.9	2.0	7.56	1.5	0.3	1.3	0.2	0.997	0.2	0.5	< 0.1
A257857	5.72	2.2	1.0	1.22	0.270	0.23	< 0.02	0.38	0.86	< 0.02	0.63	93.3	9.1	18.2	2.1	7.79	1.6	0.4	1.5	0.2	1.14	0.2	0.6	< 0.1
A257858	2.81	2.1	1.1	0.86	0.222	0.72	< 0.02	0.43	0.42	< 0.02	0.71	63.0	7.5	15.3	1.7	6.42	1.2	0.3	1.0	0.1	0.613	0.1	0.3	< 0.1
A257859	3.76	2.8	1.1	2.79	0.140	0.36	0.02	0.28	1.05	< 0.02	0.79	62.8	8.9	18.7	2.0	7.39	1.4	0.3	1.2	0.1	0.796	0.1	0.4	< 0.1
A257860	2.35	1.2	0.7	1.58	0.276	0.27	< 0.02	0.30	0.51	< 0.02	0.28	100	6.5	13.1	1.4	5.21	0.9	0.2	0.8	< 0.1	0.513	< 0.1	0.2	< 0.1
A257861	3.73	1.7	1.2	1.67	0.258	0.21	0.02	0.34	0.56	0.02	0.56	76.6	8.6	17.5	2.0	7.37	1.4	0.3	1.2	0.1	0.792	0.1	0.4	< 0.1
A257862	3.64	2.2	0.8	1.97	0.124	0.42	0.02	0.28	1.14	< 0.02	0.65	91.5	8.7	17.9	2.0	7.27	1.3	0.3	1.2	0.1	0.766	0.1	0.4	< 0.1
A257863	2.56	1.7	0.8	1.16	0.170	0.56	< 0.02	0.54	0.64	< 0.02	0.46	84.1	9.1	18.0	2.1	7.52	1.3	0.3	1.1	0.1	0.594	0.1	0.3	< 0.1
A257864	3.44	2.3	0.9	0.97	0.158	0.32	< 0.02	0.43	0.53	< 0.02	0.54	89.2	7.1	14.4	1.6	6.05	1.2	0.3	1.0	0.1	0.707	0.1	0.4	< 0.1
A257865	3.70	2.4	1.0	1.01	0.188	0.37	0.02	0.37	0.49	< 0.02	0.93	101	7.9	15.8	1.8	6.77	1.3	0.3	1.1	0.1	0.783	0.1	0.4	< 0.1
A257866	3.47	2.7	0.9	1.90	0.105	0.34	0.02	0.31	0.66	< 0.02	0.92	80.2	6.9	14.5	1.6	5.81	1.1	0.3	1.0	0.1	0.724	0.1	0.4	< 0.1
A257867	3.74	3.1	1.5	1.39	0.172	0.20	0.02	0.51	0.64	< 0.02	0.86	71.0	7.3	14.7	1.7	6.39	1.2	0.3	1.1	0.1	0.756	0.1	0.4	< 0.1
A257868	3.11	2.0	1.2	1.04	0.166	0.26	< 0.02	0.35	0.63	< 0.02	0.54	68.4	9.0	17.7	2.0	7.28	1.3	0.3	1.1	0.1	0.691	0.1	0.3	< 0.1
A257869	3.54	2.2	1.1	2.17	0.199	0.50	0.03	0.35	1.25	< 0.02	0.78	83.4	9.9	19.4	2.2	8.13	1.5	0.3	1.3	0.1	0.762	0.1	0.4	< 0.1
A257870	4.41	2.6	0.8	2.10	0.166	0.53	0.02	0.36	0.57	0.03	0.69	107	6.7	13.9	1.6	6.12	1.2	0.3	1.1	0.2	0.863	0.2	0.4	< 0.1
A257871	8.76	2.5	1.2	1.69	0.531	0.58	0.02	0.31	0.89	< 0.02	0.88	92.9	9.8	23.2	2.4	9.40	2.0	0.5	2.0	0.3	1.67	0.3	0.8	0.1
A257872	3.10	2.2	0.9	5.31	0.447	0.43	0.02	0.35	1.08	0.04	0.41	65.1	7.9	15.6	1.8	6.54	1.2	0.3	1.0	0.1	0.670	0.1	0.3	< 0.1
A257873	2.38	2.1	1.5	1.49	0.414	0.41	< 0.02	0.44	0.65	< 0.02	0.47	72.1	6.4	13.2	1.5	5.50	1.0	0.2	0.9	< 0.1	0.550	< 0.1	0.2	< 0.1
A257874	5.54	3.6	1.1	2.76	0.195	0.30	0.03	0.38	1.04	0.02	0.96	141	8.6	18.2	2.0	7.74	1.6	0.4	1.5	0.2	1.16	0.2	0.6	< 0.1
A257875	3.64	2.1	0.9	1.90	0.404	0.46	< 0.02	0.31	1.03	0.02	0.76	88.8	7.9	15.7	1.8	6.76	1.3	0.3	1.1	0.1	0.761	0.1	0.4	< 0.1
A257876	3.64	2.4	0.8	1.26	0.184	0.30	< 0.02	0.36	0.69	< 0.02	0.78	82.5	8.3	16.7	1.9	7.09	1.3	0.3	1.2	0.1	0.772	0.1	0.4	< 0.1
A257877	3.13	2.9	1.3	1.58	0.152	0.30	0.02	0.30	0.68	< 0.02	0.74	95.3	6.3	13.3	1.4	5.25	1.0	0.3	0.9	0.1	0.696	0.1	0.3	< 0.1

Analyte Symbol	Y	Zr	Nb	Mo	Ag	Cd	In	Sn	Sb	Te	Cs	Ba	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.01	0.1	0.1	0.01	0.002	0.01	0.02	0.05	0.02	0.02	0.02	0.5	0.5	0.01	0.1	0.02	0.1	0.1	0.1	0.1	0.001	0.1	0.1	0.1
Analysis Method	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
A257878	3.47	2.5	0.9	1.30	0.247	0.32	0.02	0.46	0.40	< 0.02	1.04	89.4	8.6	17.5	2.0	7.29	1.4	0.3	1.2	0.1	0.759	0.1	0.4	< 0.1
A257879	3.84	3.6	1.4	1.44	0.195	0.23	0.02	0.55	0.57	< 0.02	0.86	73.4	7.8	15.7	1.8	6.69	1.3	0.3	1.2	0.1	0.827	0.2	0.4	< 0.1
A257880	4.09	3.1	1.2	1.11	0.198	0.35	0.02	0.39	0.54	< 0.02	0.82	77.6	7.5	15.4	1.8	6.61	1.3	0.3	1.2	0.2	0.894	0.2	0.4	< 0.1
A257881	4.02	3.1	0.9	1.23	0.410	0.27	0.02	0.37	0.76	< 0.02	0.86	98.5	7.0	14.4	1.6	6.14	1.3	0.3	1.1	0.1	0.850	0.2	0.4	< 0.1
A257882	6.24	2.5	1.0	1.17	0.256	0.14	< 0.02	0.28	0.80	< 0.02	0.84	125	7.0	16.0	1.8	6.98	1.5	0.4	1.5	0.2	1.24	0.2	0.6	< 0.1
A257883	4.13	1.8	0.6	2.44	0.743	0.72	0.02	0.27	1.41	0.04	0.91	92.2	9.7	19.2	2.3	8.28	1.6	0.4	1.4	0.2	0.954	0.2	0.4	< 0.1
A257884	3.47	1.9	0.6	2.15	0.320	0.66	0.02	0.30	1.56	0.03	0.89	99.5	9.3	18.5	2.1	7.88	1.5	0.3	1.3	0.2	0.762	0.1	0.4	< 0.1
A257885	11.3	1.9	0.9	1.39	0.607	0.87	0.02	0.35	1.27	0.02	0.75	70.9	12.3	24.0	3.0	11.8	2.5	0.7	2.5	0.3	1.96	0.4	1.0	0.1
A257886	4.74	2.7	0.8	1.68	0.223	0.42	0.02	0.25	1.29	0.03	0.67	72.3	8.4	17.5	2.0	7.29	1.5	0.4	1.4	0.2	1.01	0.2	0.5	< 0.1
A257887	4.08	3.3	1.0	1.28	0.232	0.49	0.02	0.31	0.61	< 0.02	0.63	80.7	6.8	14.1	1.6	5.85	1.2	0.3	1.1	0.2	0.874	0.2	0.4	< 0.1
A257888	7.14	2.8	1.1	1.04	0.407	0.63	< 0.02	0.43	0.44	< 0.02	0.91	91.3	8.6	16.7	2.1	8.28	1.7	0.5	1.6	0.2	1.34	0.3	0.7	< 0.1
A257889	5.02	2.9	1.1	1.73	0.281	0.58	0.02	0.29	0.86	0.02	0.81	90.8	6.8	14.7	1.6	6.18	1.3	0.4	1.3	0.2	1.01	0.2	0.5	< 0.1
A257890	3.95	3.0	0.9	0.79	0.118	0.17	0.02	0.31	0.25	0.04	0.82	81.8	6.4	13.0	1.5	5.37	1.1	0.3	1.1	0.1	0.849	0.2	0.4	< 0.1
A257891	4.44	2.9	1.1	0.62	0.108	0.22	0.02	0.28	0.25	0.04	0.61	88.0	7.1	14.7	1.7	6.32	1.3	0.3	1.2	0.2	0.910	0.2	0.5	< 0.1
A257892	4.54	4.3	1.4	0.73	0.048	0.29	0.02	0.52	0.14	0.03	0.93	115	7.8	17.4	1.9	7.34	1.4	0.3	1.3	0.2	0.979	0.2	0.5	< 0.1
A257893	4.56	2.8	0.8	0.50	0.070	0.14	< 0.02	0.24	0.21	< 0.02	0.45	66.7	6.7	13.9	1.6	5.87	1.2	0.3	1.2	0.2	0.954	0.2	0.5	< 0.1
A257894	4.83	4.8	2.0	1.41	0.162	0.17	0.02	0.47	0.22	< 0.02	0.55	122	7.7	15.0	1.8	6.63	1.4	0.4	1.3	0.2	1.05	0.2	0.5	< 0.1
A257895	7.18	2.8	0.9	0.78	0.111	0.16	< 0.02	0.39	0.26	0.03	0.47	80.3	8.3	16.5	2.0	7.67	1.6	0.4	1.6	0.2	1.29	0.3	0.7	< 0.1
A257896	3.05	3.8	0.7	0.52	0.069	0.15	< 0.02	0.22	0.20	0.03	0.56	55.7	4.9	10.2	1.1	4.22	0.8	0.2	0.8	0.1	0.632	0.1	0.4	< 0.1
A257897	4.26	2.6	1.0	0.50	0.035	0.06	< 0.02	0.28	0.18	< 0.02	0.56	72.2	6.4	13.2	1.5	5.70	1.1	0.3	1.1	0.1	0.871	0.2	0.4	< 0.1
A257898	3.54	4.1	1.1	0.64	0.083	0.16	< 0.02	0.38	0.21	0.02	0.62	62.3	5.1	10.5	1.2	4.33	0.9	0.2	0.8	0.1	0.730	0.1	0.4	< 0.1
A257899	3.57	2.4	1.3	0.55	0.074	0.12	< 0.02	0.46	0.08	< 0.02	0.55	105	6.1	12.2	1.5	5.41	1.1	0.3	0.9	0.1	0.692	0.1	0.4	< 0.1
A257900	3.95	4.3	1.5	1.04	0.102	0.14	< 0.02	0.49	0.25	< 0.02	0.81	98.3	6.5	13.1	1.5	5.55	1.1	0.3	1.0	0.1	0.808	0.2	0.4	< 0.1
A257901	3.63	3.6	1.3	0.70	0.086	0.21	< 0.02	0.31	0.24	< 0.02	0.53	89.8	6.5	13.1	1.5	5.54	1.1	0.3	1.0	0.1	0.744	0.1	0.4	< 0.1
A257902	3.44	3.8	1.8	1.01	0.158	0.21	0.02	0.59	0.23	< 0.02	0.73	85.6	8.0	16.5	1.9	6.89	1.3	0.3	1.1	0.1	0.760	0.1	0.4	< 0.1
A257903	3.58	3.7	1.8	0.92	0.272	0.20	0.03	0.48	0.21	< 0.02	0.83	98.9	8.3	17.0	1.9	7.17	1.4	0.3	1.2	0.2	0.798	0.1	0.4	< 0.1
A257904	3.65	4.5	1.8	1.01	0.485	0.17	0.03	0.48	0.26	0.03	0.68	84.8	6.1	12.8	1.5	5.57	1.1	0.3	1.0	0.1	0.784	0.1	0.4	< 0.1
A257905	4.39	4.0	0.9	0.86	0.145	0.18	0.02	0.42	0.29	0.03	0.81	99.1	5.8	12.1	1.4	5.34	1.1	0.3	1.1	0.2	0.897	0.2	0.5	< 0.1
A257906	3.77	3.0	1.0	0.69	0.068	0.13	< 0.02	0.27	0.22	< 0.02	0.62	83.2	5.6	11.5	1.3	4.89	1.0	0.3	1.0	0.1	0.756	0.1	0.4	< 0.1
A257907	4.34	4.3	1.6	0.75	0.120	0.17	0.03	0.38	0.23	< 0.02	0.87	97.5	7.8	15.8	1.8	6.78	1.4	0.3	1.2	0.2	0.967	0.2	0.5	< 0.1
A257908	2.69	2.8	1.7	1.18	0.073	0.17	< 0.02	0.53	0.10	< 0.02	0.40	94.0	8.4	17.2	2.0	6.95	1.3	0.3	1.0	0.1	0.615	0.1	0.3	< 0.1
A257909	2.81	4.6	1.4	1.04	0.066	0.07	< 0.02	0.34	0.21	< 0.02	0.43	58.3	4.7	9.57	1.1	3.95	0.8	0.2	0.7	< 0.1	0.564	0.1	0.3	< 0.1
A257910	3.76	2.5	0.9	0.43	0.036	0.13	< 0.02	0.29	0.24	< 0.02	0.56	73.3	5.6	11.6	1.3	4.95	1.0	0.3	0.9	0.1	0.737	0.1	0.4	< 0.1
A257911	2.70	3.3	1.5	0.61	0.078	0.15	< 0.02	0.41	0.23	0.02	0.67	74.5	6.7	13.6	1.5	5.41	1.1	0.3	0.9	0.1	0.598	0.1	0.3	< 0.1
A257912	3.23	2.5	0.9	0.59	0.070	0.16	< 0.02	0.24	0.27	< 0.02	0.52	56.5	5.5	11.4	1.2	4.67	1.0	0.2	0.8	0.1	0.657	0.1	0.3	< 0.1
A257913	3.21	3.8	0.8	0.68	0.038	0.09	0.02	0.26	0.21	< 0.02	1.39	96.3	4.5	9.59	1.0	3.91	0.8	0.2	0.8	0.1	0.638	0.1	0.3	< 0.1
A257914	2.25	3.1	0.8	1.25	0.161	0.09	< 0.02	0.48	0.09	< 0.02	2.22	130	3.8	8.26	0.9	3.39	0.7	0.2	0.7	< 0.1	0.460	< 0.1	0.2	< 0.1
A257915	1.90	3.5	0.5	0.54	0.078	0.07	< 0.02	0.22	0.20	< 0.02	1.56	83.7	3.2	6.92	0.8	2.83	0.6	0.1	0.5	< 0.1	0.404	< 0.1	0.2	< 0.1
A257916	3.51	3.0	1.5	0.77	0.075	0.13	< 0.02	0.51	0.16	< 0.02	0.47	75.0	5.6	11.4	1.3	4.89	1.0	0.3	1.0	0.1	0.751	0.1	0.4	< 0.1
A257917	5.53	2.2	0.7	2.19	0.083	0.13	0.02	0.32	0.40	0.03	1.21	98.6	6.6	14.1	1.6	6.20	1.3	0.3	1.3	0.2	1.04	0.2	0.6	< 0.1
A257918	4.31	4.0	1.1	1.27	0.116	0.12	0.02	0.32	0.39	0.02	1.35	84.4	4.7	10.1	1.2	4.60	1.0	0.3	1.0	0.1	0.897	0.2	0.5	< 0.1
A257919	4.54	3.1	1.2	1.44	0.162	0.20	0.02	0.45	0.21	< 0.02	2.08	116	5.2	11.4	1.3	5.24	1.1	0.3	1.1	0.2	0.914	0.2	0.5	< 0.1
A257920	5.03	3.1	1.6	1.02	0.136	0.25	< 0.02	0.43	0.13	0.02	2.16	155	5.5	12.0	1.4	5.56	1.2	0.3	1.2	0.2	1.04	0.2	0.5	< 0.1
A257921	4.64	3.5	1.5	0.74	0.182	0.19	0.02	0.37	0.19	< 0.02	1.01	119	7.3	15.1	1.7	6.38	1.3	0.3	1.3	0.2	0.959	0.2	0.5	< 0.1
A257922	4.92	3.5	1.5	0.87	0.289	0.26	0.02	0.37	0.30	0.02	1.41	86.1	8.5	18.6	2.1	7.73	1.6	0.4	1.4	0.2	1.10	0.2	0.5	< 0.1
A257923	4.42	3.6	1.4	0.58	0.063	0.09	0.02	0.33	0.18	< 0.02	1.56	77.1	5.9	12.4	1.4	5.49	1.2	0.3	1.2	0.2	0.986	0.2	0.5	< 0.1
A257924	2.65	2.1	0.5	0.63	0.306	0.12	0.03	0.28	2.49	0.05	2.52	313	4.7	9.65	1.1	4.12	0.8	0.2	0.7	< 0.1	0.552	0.1	0.3	< 0.1
A257925	3.86	3.6	1.3	0.75	0.277	0.11	0.02	0.28	0.26	< 0.02	0.82	91.8	6.3	12.7	1.4	5.41	1.1	0.3	1.0	0.1	0.787	0.2	0.4	< 0.1
A257926	3.36	2.6	1.1	0.56	0.071	0.12	< 0.02	0.35	0.19	0.04	0.92	60.4	6.7	13.9	1.6	5.61	1.1	0.3	1.0	0.1	0.718	0.1	0.4	< 0.1
A257927	3.66	3.3	1.1	0.53	0.050	0.20	< 0.02	0.34	0.22	< 0.02	1.14	96.9	6.0	12.5	1.4	5.29	1.1	0.3	1.0	0.1	0.744	0.1	0.4	< 0.1
A257928	4.77	4.0	0.7	0.47	0.118	0.14	0.03	0.50	0.42	< 0.02	5.20	292	4.9	10.7	1.2	4.93	1.1	0.3	1.1	0.2	0.950	0.2	0.5	< 0.1
A257929	3.75	3.7	0.9	1.46	0.098	0.08	< 0.02	0.48	0.26	< 0.02	1.26	66.2	4.8	10.4	1.2	4.48	0.9	0.3	0.9	0.1	0.763	0.1	0.4	< 0.1

Analyte Symbol	Y	Zr	Nb	Mo	Ag	Cd	In	Sn	Sb	Te	Cs	Ba	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.01	0.1	0.1	0.01	0.002	0.01	0.02	0.05	0.02	0.02	0.02	0.5	0.5	0.01	0.1	0.02	0.1	0.1	0.1	0.1	0.001	0.1	0.1	0.1
Analysis Method	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
A257930	3.07	3.9	1.1	1.10	0.136	0.12	< 0.02	0.54	0.17	0.05	0.73	99.1	5.8	12.1	1.4	5.08	1.0	0.2	0.9	0.1	0.675	0.1	0.3	< 0.1
A257931	3.22	2.5	1.0	0.52	0.134	0.07	< 0.02	0.35	0.16	< 0.02	0.49	86.6	5.8	11.8	1.3	4.74	0.9	0.2	0.9	0.1	0.679	0.1	0.4	< 0.1
A257932	3.65	2.7	1.3	0.85	0.095	0.10	< 0.02	0.38	0.16	< 0.02	0.53	88.4	6.7	13.3	1.5	5.61	1.1	0.3	1.0	0.1	0.750	0.1	0.4	< 0.1
A257933	4.08	2.9	1.1	0.49	0.112	0.08	< 0.02	0.29	0.22	< 0.02	0.44	88.5	6.9	13.7	1.5	5.53	1.1	0.3	1.0	0.1	0.812	0.2	0.4	< 0.1
A257934	4.64	2.9	1.0	0.55	0.071	0.11	< 0.02	0.26	0.20	< 0.02	0.51	93.0	6.7	13.8	1.6	5.97	1.3	0.3	1.2	0.2	0.988	0.2	0.5	< 0.1
A257935	4.92	2.9	1.0	0.67	0.081	0.09	< 0.02	0.34	0.17	0.02	0.50	98.1	6.8	13.8	1.6	6.04	1.3	0.3	1.2	0.2	0.972	0.2	0.5	< 0.1
A257936	4.36	2.4	1.0	0.55	0.103	0.10	< 0.02	0.37	0.16	< 0.02	0.48	80.0	7.4	14.8	1.7	6.30	1.2	0.3	1.2	0.2	0.900	0.2	0.4	< 0.1
A257937	5.38	2.5	1.2	0.84	0.226	0.08	< 0.02	0.34	0.13	< 0.02	0.61	97.2	9.0	16.9	2.0	7.41	1.5	0.4	1.5	0.2	1.18	0.2	0.6	< 0.1
A257938	4.70	3.3	1.2	2.92	0.312	0.20	0.02	0.42	0.21	< 0.02	1.27	123	6.4	15.1	1.6	6.11	1.3	0.3	1.2	0.2	0.954	0.2	0.5	< 0.1
A257939	3.67	4.0	1.0	2.92	0.747	0.19	0.03	0.39	0.60	0.06	1.67	82.7	5.7	12.1	1.4	5.25	1.0	0.3	1.0	0.1	0.768	0.1	0.4	< 0.1
A257940	3.54	3.3	1.3	2.98	0.195	0.12	0.02	0.34	0.34	< 0.02	0.74	91.7	5.5	12.1	1.3	4.78	1.0	0.3	0.9	0.1	0.750	0.1	0.4	< 0.1
A257941	3.79	2.9	1.1	1.29	0.260	0.78	0.02	0.43	0.34	0.03	1.01	89.1	7.6	16.5	1.8	6.80	1.3	0.3	1.1	0.2	0.830	0.2	0.4	< 0.1
A257942	4.66	3.8	2.2	4.37	0.331	0.42	0.03	0.55	0.49	0.04	0.98	93.2	11.8	24.3	2.8	10.4	2.0	0.4	1.6	0.2	1.03	0.2	0.5	< 0.1
A257943	3.44	4.3	1.7	2.00	0.141	0.20	< 0.02	0.46	0.31	0.07	1.11	175	6.2	13.0	1.5	5.50	1.1	0.3	1.0	0.1	0.732	0.1	0.4	< 0.1
A257944	3.99	2.9	1.0	0.70	0.278	0.17	< 0.02	0.31	0.19	0.04	0.51	75.4	6.4	13.4	1.5	5.60	1.1	0.3	1.1	0.1	0.825	0.2	0.4	< 0.1
A257945	3.65	3.4	1.2	0.94	0.106	0.10	< 0.02	0.29	0.18	< 0.02	0.40	83.5	5.9	12.5	1.3	5.13	1.0	0.3	0.9	0.1	0.754	0.1	0.4	< 0.1
A257946	3.93	3.3	1.1	0.59	0.106	0.09	< 0.02	0.29	0.25	0.02	0.52	96.3	6.0	12.2	1.4	5.16	1.0	0.3	1.0	0.1	0.805	0.2	0.4	< 0.1
A257947	6.12	2.9	1.1	0.70	0.275	0.12	< 0.02	0.35	0.19	< 0.02	0.73	107	8.7	16.8	2.1	8.18	1.7	0.4	1.6	0.2	1.23	0.2	0.6	< 0.1
A257948	5.83	2.2	0.8	0.50	0.137	0.10	< 0.02	0.27	0.21	0.04	0.65	110	8.0	14.6	1.9	7.21	1.5	0.4	1.4	0.2	1.15	0.2	0.6	< 0.1
A257949	4.58	1.8	0.8	0.63	0.195	0.11	< 0.02	0.31	0.14	< 0.02	0.61	107	6.3	12.4	1.5	5.74	1.2	0.3	1.2	0.2	0.911	0.2	0.5	< 0.1
A257950	6.88	2.4	1.0	0.62	0.159	0.11	< 0.02	0.29	0.20	0.02	0.58	103	8.1	15.7	2.0	7.91	1.7	0.4	1.6	0.2	1.34	0.3	0.7	0.1
A257951	4.46	3.0	1.1	0.70	0.217	0.09	< 0.02	0.32	0.17	0.02	0.41	93.7	6.4	12.7	1.5	5.53	1.1	0.3	1.1	0.2	0.915	0.2	0.5	< 0.1
A257952	6.08	2.7	1.1	0.67	1.16	0.12	< 0.02	0.28	0.20	< 0.02	0.54	90.6	7.6	17.5	1.9	7.40	1.6	0.4	1.6	0.2	1.23	0.2	0.6	< 0.1
A257953	3.52	3.6	0.9	0.93	0.215	0.18	0.02	0.32	0.29	< 0.02	0.70	95.0	5.5	11.3	1.3	4.93	1.0	0.3	0.9	0.1	0.740	0.1	0.4	< 0.1
A257954	4.11	3.1	0.6	1.78	0.192	0.24	0.02	0.32	0.72	0.05	0.97	81.3	6.8	13.9	1.6	6.09	1.2	0.3	1.1	0.2	0.883	0.2	0.4	< 0.1
A257955	4.58	3.3	0.5	1.60	0.365	0.31	0.02	0.33	0.47	< 0.02	0.96	98.0	6.7	13.9	1.6	6.10	1.3	0.3	1.2	0.2	1.00	0.2	0.5	< 0.1
A257956	4.36	3.1	1.1	0.95	0.146	0.27	0.02	0.38	0.95	0.04	0.69	97.3	7.4	16.2	1.7	6.59	1.3	0.3	1.2	0.2	0.904	0.2	0.5	< 0.1
A257957	4.16	2.9	1.0	0.95	0.309	0.25	0.02	0.37	0.46	< 0.02	0.99	86.4	8.7	18.0	2.0	7.38	1.4	0.3	1.2	0.2	0.936	0.2	0.5	< 0.1
A257958	3.19	3.0	0.5	1.81	0.322	0.23	0.03	0.59	0.99	< 0.02	4.14	86.6	7.8	16.3	1.8	6.77	1.3	0.3	1.1	0.1	0.764	0.1	0.3	< 0.1
A257959	5.54	3.9	1.2	1.10	0.117	0.20	0.02	0.35	0.26	< 0.02	0.56	89.5	8.0	21.0	1.9	7.42	1.5	0.4	1.5	0.2	1.20	0.2	0.6	< 0.1
A257960	9.48	2.8	0.8	0.73	0.184	0.12	< 0.02	0.36	0.19	< 0.02	0.65	118	11.1	17.8	2.5	9.91	2.0	0.6	2.0	0.3	1.64	0.3	0.9	0.1
A257961	4.41	2.6	0.8	0.59	0.171	0.09	< 0.02	0.37	0.20	0.02	0.71	98.3	8.0	16.4	1.8	6.92	1.4	0.4	1.3	0.2	0.955	0.2	0.5	< 0.1
A257962	4.25	2.7	1.2	0.53	0.081	0.08	< 0.02	0.34	0.17	< 0.02	0.58	94.6	7.6	15.2	1.7	6.42	1.3	0.3	1.1	0.2	0.865	0.2	0.4	< 0.1
A257963	4.12	3.2	1.4	0.55	0.219	0.11	< 0.02	0.34	0.17	< 0.02	0.66	91.1	8.1	16.1	1.8	6.73	1.3	0.3	1.2	0.2	0.971	0.2	0.4	< 0.1
A257964	4.68	3.2	1.3	0.74	0.174	0.11	< 0.02	0.38	0.18	< 0.02	0.57	88.0	7.8	15.8	1.8	6.64	1.3	0.4	1.2	0.2	0.952	0.2	0.5	< 0.1
A257965	3.96	3.0	0.8	0.97	0.270	0.26	< 0.02	0.43	0.26	0.02	1.70	183	9.6	19.5	2.2	8.45	1.6	0.4	1.4	0.2	0.883	0.2	0.4	< 0.1
A257966	4.18	3.8	0.7	0.80	0.209	0.24	0.02	0.38	0.33	< 0.02	0.74	86.2	8.2	16.5	1.8	6.88	1.3	0.3	1.2	0.2	0.969	0.2	0.5	< 0.1
A257967	4.74	3.6	1.1	1.38	0.199	0.21	0.03	0.41	0.81	0.03	1.19	105	7.8	17.1	1.9	7.02	1.4	0.4	1.4	0.2	1.09	0.2	0.5	< 0.1
A257968	4.77	3.3	0.7	5.82	0.193	0.44	0.03	0.33	1.41	< 0.02	1.00	75.9	7.4	14.7	1.7	6.51	1.4	0.4	1.3	0.2	1.04	0.2	0.5	< 0.1
A257969	4.06	2.9	0.9	0.90	0.185	0.29	0.02	0.40	0.41	< 0.02	1.03	81.0	9.1	18.4	2.1	7.71	1.5	0.3	1.3	0.2	0.921	0.2	0.5	< 0.1
A257970	4.44	3.8	1.3	0.68	0.142	0.11	0.02	0.34	0.24	< 0.02	0.67	99.4	7.2	14.1	1.6	6.03	1.2	0.3	1.2	0.2	0.918	0.2	0.5	< 0.1
A257971	4.86	3.3	1.1	0.54	0.127	0.18	0.02	0.35	0.22	< 0.02	0.70	98.0	8.3	16.9	1.9	7.25	1.4	0.4	1.3	0.2	1.04	0.2	0.5	< 0.1
A257972	4.04	2.8	0.7	0.89	0.195	0.23	0.02	0.42	0.41	< 0.02	1.02	86.1	7.4	15.3	1.7	6.42	1.3	0.3	1.2	0.2	0.886	0.2	0.5	< 0.1
A257973	4.15	4.2	0.8	2.83	0.209	0.85	0.03	0.47	0.36	< 0.02	1.26	86.2	6.3	12.6	1.4	5.40	1.1	0.3	1.1	0.1	0.868	0.2	0.5	< 0.1
A257974	3.77	3.0	0.6	6.93	0.492	0.44	0.03	0.46	0.67	0.07	1.25	94.7	9.5	19.0	2.2	8.04	1.5	0.4	1.3	0.2	0.794	0.2	0.4	< 0.1
A257975	4.03	2.9	0.6	1.35	0.236	0.62	0.03	0.40	0.87	< 0.02	1.26	99.1	8.4	16.6	1.9	7.20	1.4	0.4	1.2	0.2	0.873	0.2	0.4	< 0.1
A257976	3.89	3.4	0.9	0.93	0.078	0.20	0.02	0.35	0.31	0.03	0.63	103	6.9	13.6	1.5	5.55	1.1	0.3	1.0	0.1	0.815	0.2	0.4	< 0.1
A257977	4.25	2.3	0.8	3.52	0.234	0.37	0.02	0.34	0.95	< 0.02	1.14	91.3	10.5	20.3	2.3	8.73	1.6	0.4	1.3	0.2	0.903	0.2	0.4	< 0.1
A257978	4.64	3.3	1.2	3.78	0.122	0.27	0.03	0.40	1.01	< 0.02	1.60	94.6	9.9	20.7	2.2	8.38	1.6	0.4	1.4	0.2	0.988	0.2	0.5	< 0.1
A257979	3.84	4.4	0.8	2.22	0.113	0.41	0.02	0.30	0.77	< 0.02	1.08	75.0	7.1	14.0	1.6	6.12	1.2	0.3	1.1	0.1	0.802	0.2	0.4	< 0.1
A257980	4.00	3.4	0.8	0.68	0.070	0.22	0.02	0.31	0.28	< 0.02	0.64	75.4	6.7	13.3	1.5	5.72	1.1	0.3	1.1	0.1	0.808	0.2	0.4	< 0.1
A257981	4.39	5.2	0.6	1.00	0.065	0.19	0.02	0.34	0.26	< 0.02	0.62	77.5	8.5	17.3	2.0	7.51	1.5	0.4	1.3	0.2	0.969	0.2	0.5	< 0.1

Analyte Symbol	Y	Zr	Nb	Mo	Ag	Cd	In	Sn	Sb	Te	Cs	Ba	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.01	0.1	0.1	0.01	0.002	0.01	0.02	0.05	0.02	0.02	0.02	0.5	0.5	0.01	0.1	0.02	0.1	0.1	0.1	0.1	0.001	0.1	0.1	0.1
Analysis Method	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
A257982	5.33	8.5	0.9	1.30	0.095	0.24	0.03	0.51	0.32	0.03	0.80	112	7.5	15.5	1.8	6.98	1.5	0.4	1.4	0.2	1.15	0.2	0.6	< 0.1
A257983	3.61	4.4	0.7	0.96	0.081	0.28	< 0.02	0.47	0.23	< 0.02	0.69	59.5	8.6	17.6	2.0	7.55	1.4	0.3	1.2	0.1	0.778	0.1	0.4	< 0.1
A257984	3.19	3.9	1.6	2.73	0.243	0.23	< 0.02	0.60	0.29	< 0.02	0.68	63.6	6.8	14.0	1.6	6.06	1.2	0.3	1.0	0.1	0.688	0.1	0.4	< 0.1
A257985	4.28	4.1	1.0	3.47	0.175	0.33	0.03	0.44	0.38	0.02	0.97	102	8.1	16.9	1.9	7.29	1.4	0.3	1.3	0.2	0.931	0.2	0.5	< 0.1
A257986	3.80	4.4	0.4	1.15	0.204	0.24	0.03	0.33	0.92	0.09	3.08	80.4	18.3	35.1	4.0	14.4	2.5	0.5	1.9	0.2	0.949	0.2	0.4	< 0.1
A257987	3.40	4.0	0.9	1.63	0.223	0.21	0.03	0.34	0.32	0.06	0.96	67.8	5.6	11.5	1.3	4.94	0.9	0.3	0.9	0.1	0.742	0.1	0.4	< 0.1
A257988	4.24	4.2	1.4	0.92	0.254	0.29	0.03	0.39	0.42	< 0.02	1.22	86.6	9.0	17.3	1.9	7.13	1.4	0.4	1.3	0.2	0.946	0.2	0.4	< 0.1
A257989	4.11	5.2	1.8	0.85	0.082	0.29	0.02	0.52	0.25	< 0.02	1.01	86.8	10.1	20.3	2.3	8.74	1.6	0.4	1.4	0.2	0.911	0.2	0.4	< 0.1
A257990	3.53	4.7	1.1	0.80	0.078	0.18	0.03	0.41	0.28	< 0.02	0.87	78.2	7.0	13.9	1.6	5.76	1.1	0.3	1.0	0.1	0.771	0.1	0.4	< 0.1
A257991	5.28	3.9	0.6	0.62	0.116	0.18	0.02	0.26	0.27	< 0.02	0.71	74.7	7.4	16.0	1.7	6.56	1.4	0.4	1.4	0.2	1.28	0.2	0.6	< 0.1
A257992	3.86	3.8	0.8	1.02	0.218	0.21	0.03	0.44	0.25	< 0.02	1.26	83.1	7.7	15.9	1.8	6.82	1.4	0.3	1.2	0.2	0.844	0.2	0.4	< 0.1
A257993	3.45	3.8	0.6	1.08	0.254	0.22	0.02	0.47	0.25	< 0.02	0.80	73.8	6.5	13.4	1.5	5.78	1.1	0.3	1.0	0.1	0.731	0.1	0.4	< 0.1
A257994	3.20	2.7	0.6	0.78	0.094	0.25	0.02	0.31	0.22	< 0.02	0.98	70.7	6.6	13.6	1.5	5.66	1.1	0.3	1.0	0.1	0.722	0.1	0.4	< 0.1
A257995	3.45	2.8	1.0	0.93	0.195	0.17	0.03	0.35	0.29	< 0.02	1.05	82.8	7.0	14.2	1.6	5.85	1.2	0.3	1.0	0.1	0.757	0.1	0.4	< 0.1
A257996	3.32	3.6	1.1	0.63	0.046	0.12	0.02	0.23	0.29	< 0.02	0.61	60.3	5.0	10.1	1.1	4.43	0.9	0.2	0.8	0.1	0.684	0.1	0.4	< 0.1
A257997	3.97	2.5	0.5	1.00	0.255	0.34	< 0.02	0.25	0.21	< 0.02	0.81	65.3	5.8	11.8	1.3	5.01	1.0	0.3	1.0	0.1	0.837	0.2	0.5	< 0.1
A257998	3.42	3.5	0.8	0.65	0.132	0.17	< 0.02	0.37	0.19	< 0.02	0.65	66.8	7.1	14.6	1.6	6.08	1.2	0.3	1.0	0.1	0.768	0.1	0.4	< 0.1
A257999	4.35	3.8	0.6	0.73	0.083	0.16	< 0.02	0.31	0.28	< 0.02	0.73	83.2	7.4	14.9	1.7	6.30	1.2	0.3	1.2	0.2	0.947	0.2	0.5	< 0.1
A258000	3.71	2.9	1.1	0.69	0.091	0.17	0.02	0.30	0.27	< 0.02	0.73	59.6	6.8	13.6	1.5	5.76	1.1	0.3	1.0	0.1	0.781	0.2	0.4	< 0.1
A415001	5.15	2.4	0.9	1.13	0.103	0.11	< 0.02	0.34	0.21	< 0.02	0.75	90.7	8.1	16.1	1.9	7.11	1.5	0.4	1.4	0.2	1.08	0.2	0.6	< 0.1
A415002	6.93	2.4	0.8	15.8	0.217	0.48	< 0.02	0.35	0.20	< 0.02	1.62	169	8.2	16.9	2.0	7.71	1.6	0.4	1.6	0.2	1.30	0.2	0.7	< 0.1
A415003	5.95	2.7	0.9	2.31	0.098	0.09	< 0.02	0.30	0.23	< 0.02	1.83	107	8.0	16.3	1.9	7.47	1.6	0.4	1.5	0.2	1.22	0.2	0.6	< 0.1
A415004	3.61	2.6	0.5	0.54	0.202	0.13	0.02	0.35	0.18	< 0.02	1.35	78.6	6.4	13.2	1.5	5.53	1.1	0.3	1.0	0.1	0.811	0.2	0.4	< 0.1
A415005	3.19	3.1	0.6	0.55	0.164	0.13	0.02	0.28	0.20	< 0.02	1.68	66.6	5.9	11.8	1.3	5.01	1.0	0.3	0.9	0.1	0.688	0.1	0.4	< 0.1
A415006	3.12	4.0	1.0	0.68	0.120	0.11	0.02	0.24	0.14	< 0.02	2.10	86.2	7.7	15.7	1.8	6.73	1.3	0.3	1.1	0.1	0.721	0.1	0.3	< 0.1
A415007	3.77	3.8	0.9	0.76	0.163	0.10	0.02	0.37	0.35	< 0.02	1.45	90.4	6.2	13.3	1.5	5.83	1.2	0.3	1.1	0.1	0.819	0.2	0.4	< 0.1
A415008	4.65	3.1	1.3	0.86	0.091	0.10	< 0.02	0.36	0.20	< 0.02	0.90	96.4	8.7	18.2	2.1	8.02	1.6	0.4	1.4	0.2	1.04	0.2	0.5	< 0.1
A415009	4.04	1.8	1.1	0.55	0.359	0.15	< 0.02	0.26	0.17	< 0.02	0.41	73.8	5.8	11.2	1.4	5.38	1.1	0.3	1.1	0.1	0.832	0.2	0.4	< 0.1
A415010	5.27	5.0	1.3	1.29	0.108	0.08	0.02	0.35	0.19	< 0.02	0.85	120	6.9	14.4	1.7	6.50	1.4	0.4	1.3	0.2	1.07	0.2	0.6	< 0.1
A415011	8.60	2.9	1.4	0.64	0.282	0.23	< 0.02	0.31	0.31	0.04	0.66	75.9	9.8	16.6	2.3	9.30	1.9	0.5	2.0	0.3	1.57	0.3	0.9	0.1
A415012	17.9	1.9	0.8	1.16	0.728	0.36	< 0.02	0.28	0.36	0.07	1.09	140	14.8	17.4	3.8	15.9	3.6	1.0	3.9	0.5	3.13	0.6	1.7	0.2
A415013	8.31	2.3	1.2	0.55	0.265	0.13	< 0.02	0.39	0.21	0.05	0.75	104	8.0	13.5	1.9	7.88	1.7	0.5	1.8	0.2	1.50	0.3	0.8	0.1
A415014	4.01	3.9	1.6	1.34	0.092	0.09	< 0.02	0.41	0.22	0.06	1.59	77.2	7.4	15.1	1.7	6.57	1.3	0.3	1.2	0.2	0.876	0.2	0.5	< 0.1
A415015	4.74	4.2	1.3	0.46	0.043	0.07	< 0.02	0.30	0.27	< 0.02	0.44	76.9	7.6	17.6	1.8	6.62	1.3	0.3	1.3	0.2	1.00	0.2	0.5	< 0.1
A415016	3.74	3.3	0.8	0.46	0.133	0.11	< 0.02	0.35	0.17	0.05	1.47	124	6.5	13.7	1.6	6.04	1.2	0.3	1.1	0.1	0.820	0.2	0.4	< 0.1
A415017	4.25	4.4	0.9	0.86	0.079	0.07	< 0.02	0.29	0.35	< 0.02	0.48	114	6.2	12.3	1.4	5.48	1.1	0.3	1.1	0.2	0.909	0.2	0.5	< 0.1
A415018	3.80	3.1	1.6	1.34	0.186	0.18	< 0.02	0.42	0.23	0.03	0.71	83.2	7.4	15.3	1.7	6.58	1.3	0.3	1.1	0.1	0.839	0.2	0.4	< 0.1
A415019	4.64	4.4	1.0	0.67	0.096	0.09	< 0.02	0.34	0.23	< 0.02	0.68	62.5	5.7	12.0	1.4	5.41	1.1	0.3	1.1	0.2	0.937	0.2	0.5	< 0.1
A415020	3.59	3.3	1.3	1.69	0.131	0.09	< 0.02	0.47	0.22	0.03	1.69	61.8	7.6	15.8	1.8	6.71	1.3	0.3	1.1	0.1	0.833	0.2	0.4	< 0.1
A415021	4.16	4.5	0.8	0.81	0.168	0.09	0.02	0.32	0.21	< 0.02	1.53	118	4.4	9.48	1.1	4.36	1.0	0.3	1.0	0.1	0.850	0.2	0.5	< 0.1
A415022	3.23	4.8	0.4	1.79	0.154	0.09	0.02	0.22	0.25	0.02	1.32	69.4	3.4	7.24	0.8	3.26	0.7	0.2	0.8	0.1	0.644	0.1	0.4	< 0.1
A415023	4.97	4.7	1.2	0.61	0.108	0.10	0.02	0.38	0.25	0.04	0.76	76.3	8.1	16.5	1.9	7.37	1.5	0.4	1.4	0.2	1.07	0.2	0.6	< 0.1
A415024	3.04	2.6	0.7	1.02	0.110	0.08	< 0.02	0.30	0.20	0.08	0.95	103	6.1	12.2	1.3	5.04	1.0	0.2	0.9	0.1	0.648	0.1	0.4	< 0.1
A415025	4.34	5.0	1.3	1.23	0.086	0.23	< 0.02	0.32	0.30	0.03	0.70	69.7	7.1	14.4	1.7	6.18	1.3	0.3	1.2	0.2	0.974	0.2	0.5	< 0.1
A415026	4.28	3.0	1.7	1.42	0.113	0.16	< 0.02	0.58	0.23	< 0.02	1.13	83.3	7.8	16.6	1.9	7.26	1.4	0.4	1.3	0.2	0.892	0.2	0.5	< 0.1
A415027	5.15	3.6	1.3	1.18	0.129	0.24	0.02	0.48	0.24	< 0.02	1.11	80.8	7.5	16.0	1.9	7.33	1.5	0.4	1.4	0.2	1.14	0.2	0.6	< 0.1
A415028	5.01	4.7	1.2	1.04	0.139	0.11	0.03	0.47	0.59	0.02	2.09	104	8.4	17.7	2.0	7.70	1.6	0.4	1.5	0.2	1.11	0.2	0.6	< 0.1
A415029	4.81	3.3	1.5	1.16	0.213	0.17	0.02	0.43	0.40	< 0.02	1.75	105	9.9	21.0	2.4	8.92	1.7	0.4	1.5	0.2	1.02	0.2	0.5	< 0.1
A415030	3.96	3.3	1.1	0.84	0.107	0.09	0.02	0.47	0.34	0.03	1.55	70.3	7.0	14.5	1.6	6.29	1.3	0.3	1.2	0.2	0.891	0.2	0.5	< 0.1
A415031	4.82	4.5	1.7	0.80	0.090	0.10	0.02	0.40	0.37	0.05	2.01	82.3	9.4	18.8	2.2	8.18	1.6	0.4	1.5	0.2	1.08	0.2	0.5	< 0.1
A415032	3.87	3.3	1.4	0.66	0.039	0.10	< 0.02	0.33	0.29	0.03	0.99	84.3	6.8	13.8	1.5	5.71	1.1	0.3	1.1	0.1	0.821	0.2	0.4	< 0.1
A415033	4.23	4.0	0.9	0.43	0.056	0.06	< 0.02	0.31	0.31	< 0.02	0.69	75.2	7.9	15.9	1.8	6.59	1.3	0.3	1.2	0.2	0.913	0.2	0.5	< 0.1

Analyte Symbol	Y	Zr	Nb	Mo	Ag	Cd	In	Sn	Sb	Te	Cs	Ba	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.01	0.1	0.1	0.01	0.002	0.01	0.02	0.05	0.02	0.02	0.02	0.5	0.5	0.01	0.1	0.02	0.1	0.1	0.1	0.1	0.001	0.1	0.1	0.1
Analysis Method	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
A415034	3.79	2.6	0.9	0.43	0.077	0.14	< 0.02	0.37	0.24	0.02	0.75	85.2	7.0	14.4	1.6	6.28	1.2	0.3	1.1	0.2	0.846	0.2	0.4	< 0.1
A415035	4.51	3.7	1.5	0.82	0.102	0.15	< 0.02	0.43	0.28	0.04	1.01	102	8.6	17.4	2.0	7.41	1.5	0.4	1.3	0.2	0.978	0.2	0.5	< 0.1
A415036	3.82	3.1	0.9	0.88	0.094	0.26	< 0.02	0.33	0.25	< 0.02	0.74	85.5	7.1	14.2	1.6	6.03	1.2	0.3	1.2	0.2	0.875	0.2	0.4	< 0.1
A415037	4.42	3.4	0.8	0.70	0.163	0.19	< 0.02	0.31	0.28	< 0.02	0.68	84.9	7.2	14.5	1.7	6.32	1.2	0.3	1.2	0.2	0.965	0.2	0.5	< 0.1
A415038	3.62	2.7	1.1	0.59	0.116	0.16	< 0.02	0.60	0.25	< 0.02	0.62	79.6	6.7	14.1	1.6	5.87	1.2	0.3	1.1	0.1	0.779	0.1	0.4	< 0.1
A415039	3.81	2.9	1.0	0.59	0.149	0.22	< 0.02	0.36	0.25	< 0.02	0.75	69.3	7.9	15.9	1.8	6.72	1.3	0.3	1.1	0.1	0.823	0.2	0.4	< 0.1
A415040	4.35	2.7	0.8	1.22	0.159	0.44	0.02	0.34	0.47	< 0.02	0.67	84.3	8.2	16.6	1.9	7.29	1.4	0.4	1.3	0.2	0.954	0.2	0.5	< 0.1
A415041	4.05	2.9	1.0	0.84	0.154	0.40	< 0.02	0.39	0.32	0.02	0.75	93.0	7.7	15.7	1.8	6.84	1.3	0.3	1.2	0.2	0.876	0.2	0.4	< 0.1
A415042	4.59	2.3	0.9	1.25	0.266	0.27	< 0.02	0.35	0.81	0.05	0.92	77.3	9.6	20.9	2.2	8.22	1.6	0.4	1.4	0.2	1.01	0.2	0.5	< 0.1
A415043	8.28	1.8	1.1	1.02	0.491	1.27	< 0.02	0.25	0.77	0.03	0.58	75.1	10.2	17.1	2.4	9.52	2.0	0.6	2.0	0.3	1.57	0.3	0.8	0.1
A415044	4.07	2.3	0.8	2.90	0.362	0.69	0.02	0.31	1.64	0.06	1.09	100	11.3	22.4	2.6	9.64	1.7	0.4	1.6	0.2	0.982	0.2	0.4	< 0.1
A415045	3.55	2.2	0.9	1.61	0.179	0.44	0.02	0.28	0.98	0.02	0.78	77.7	9.1	18.1	2.1	7.69	1.4	0.3	1.2	0.2	0.812	0.2	0.4	< 0.1
A415046	3.75	3.0	1.2	1.93	0.220	0.40	0.02	0.56	1.95	0.06	0.82	73.6	9.2	18.2	2.1	7.76	1.5	0.4	1.3	0.2	0.858	0.2	0.4	< 0.1
A415047	4.13	2.8	0.9	1.75	0.211	0.36	0.02	0.33	1.07	0.05	0.82	73.4	9.7	19.2	2.2	8.22	1.6	0.4	1.3	0.2	0.920	0.2	0.4	< 0.1
A415048	3.92	2.8	0.8	1.30	0.232	0.26	0.02	0.34	0.73	< 0.02	0.86	89.1	8.3	16.9	1.9	7.10	1.4	0.4	1.2	0.2	0.896	0.2	0.5	< 0.1
A415049	3.89	2.7	0.9	1.32	0.134	0.19	0.02	0.34	0.79	0.03	0.93	73.9	8.4	16.6	1.9	6.97	1.3	0.4	1.2	0.2	0.892	0.2	0.4	< 0.1
A415050	5.22	5.0	1.4	2.09	0.197	0.58	0.03	0.38	0.85	0.05	1.08	96.0	7.7	15.4	1.8	6.75	1.4	0.4	1.4	0.2	1.09	0.2	0.6	< 0.1
A415051	4.41	4.0	1.5	1.71	0.284	0.60	0.02	0.40	1.07	0.03	1.05	77.0	8.2	16.0	1.8	6.82	1.3	0.3	1.3	0.2	0.970	0.2	0.5	< 0.1
A415052	3.94	2.8	1.5	1.24	0.282	0.30	0.02	0.44	0.38	< 0.02	1.05	84.2	8.7	17.3	2.0	7.36	1.4	0.4	1.2	0.2	0.878	0.2	0.4	< 0.1
A415053	4.69	2.9	1.1	1.03	0.050	0.33	< 0.02	0.26	0.57	< 0.02	0.56	86.2	7.7	15.5	1.7	6.57	1.3	0.3	1.3	0.2	1.02	0.2	0.5	< 0.1
A415054	3.85	3.0	1.4	0.88	0.098	0.19	< 0.02	0.39	0.38	< 0.02	0.60	81.3	7.1	14.2	1.6	5.95	1.2	0.3	1.1	0.1	0.832	0.2	0.4	< 0.1
A415055	3.95	3.4	1.0	0.97	0.053	0.17	0.02	0.29	0.40	0.03	0.58	92.1	7.3	14.2	1.6	6.02	1.2	0.3	1.1	0.1	0.832	0.2	0.4	< 0.1
A415056	3.92	3.1	1.2	1.21	0.175	0.10	0.02	0.30	0.37	0.03	0.74	94.4	6.9	15.6	1.5	5.78	1.2	0.3	1.1	0.2	0.897	0.2	0.4	< 0.1
A415057	3.29	3.0	0.8	0.72	0.114	0.17	0.02	0.40	0.19	< 0.02	0.84	70.5	9.0	18.1	2.1	7.54	1.4	0.3	1.2	0.1	0.764	0.1	0.4	< 0.1
A415058	3.30	3.2	1.5	0.90	0.179	0.24	< 0.02	0.38	0.32	< 0.02	0.65	68.6	6.9	14.1	1.6	5.83	1.1	0.3	1.0	0.1	0.715	0.1	0.4	< 0.1
A415059	4.27	3.9	0.7	1.23	0.103	0.19	0.02	0.39	0.30	< 0.02	1.04	78.2	8.3	16.4	1.8	6.88	1.3	0.3	1.2	0.2	0.929	0.2	0.5	< 0.1
A415060	4.36	4.6	0.9	0.92	0.124	0.15	< 0.02	0.37	0.30	< 0.02	0.85	65.8	8.5	17.2	2.0	7.35	1.4	0.4	1.3	0.2	1.03	0.2	0.5	< 0.1
A415061	4.09	3.6	1.6	0.98	0.143	0.17	< 0.02	0.38	0.25	0.03	0.65	78.8	7.1	14.7	1.6	6.25	1.3	0.3	1.1	0.2	0.918	0.2	0.4	< 0.1
A415062	5.87	5.2	1.4	1.63	0.236	0.18	0.03	0.44	0.35	0.03	0.79	93.3	7.5	15.4	1.8	7.20	1.6	0.4	1.5	0.2	1.28	0.2	0.6	< 0.1
A415063	2.92	3.4	1.4	0.71	0.186	0.19	< 0.02	0.35	0.23	0.02	0.55	66.8	5.1	10.5	1.2	4.46	0.9	0.2	0.8	0.1	0.604	0.1	0.3	< 0.1
A415064	4.50	4.1	0.9	0.63	0.076	0.22	< 0.02	0.36	0.25	0.04	0.79	89.2	6.4	13.7	1.5	5.77	1.2	0.3	1.1	0.2	0.971	0.2	0.5	< 0.1
A415065	7.41	5.2	0.8	0.84	0.090	0.28	0.03	0.35	0.15	0.05	3.83	115	3.7	8.51	1.1	4.98	1.4	0.5	1.7	0.2	1.55	0.3	0.8	0.1
A415066	4.97	3.6	1.0	1.05	0.096	0.41	0.03	0.37	0.27	0.03	1.13	92.4	6.4	13.4	1.5	5.94	1.2	0.4	1.3	0.2	1.07	0.2	0.6	< 0.1
A415067	5.42	3.8	1.1	1.25	0.186	0.21	0.02	0.35	0.29	0.03	0.98	90.6	6.4	14.0	1.5	5.84	1.4	0.4	1.3	0.2	1.20	0.2	0.6	< 0.1
A415068	5.06	4.4	1.3	0.91	0.100	0.15	0.02	0.35	0.39	0.03	0.99	87.2	6.5	13.7	1.5	6.00	1.3	0.3	1.3	0.2	1.10	0.2	0.6	< 0.1
A415069	5.52	4.6	0.9	0.82	0.044	0.14	0.02	0.38	0.26	< 0.02	1.33	97.0	6.1	12.9	1.5	6.02	1.3	0.4	1.3	0.2	1.14	0.2	0.6	< 0.1
A415070	5.19	4.4	0.7	1.01	0.203	0.46	0.02	0.47	0.21	0.04	1.49	270	4.3	9.69	1.1	4.57	1.1	0.3	1.2	0.2	1.15	0.2	0.6	< 0.1
A415071	6.67	6.8	1.1	1.09	0.116	0.13	0.03	0.48	0.25	< 0.02	3.63	236	3.2	7.70	0.9	4.01	1.1	0.3	1.4	0.2	1.38	0.3	0.7	0.1
A415072	4.20	3.9	0.7	0.66	0.659	0.25	0.02	0.41	0.19	< 0.02	1.76	76.7	5.6	11.8	1.3	5.12	1.1	0.3	1.1	0.1	0.878	0.2	0.5	< 0.1
A415073	4.29	3.4	1.0	0.87	0.216	0.20	0.02	0.34	0.19	< 0.02	1.47	98.1	5.6	11.8	1.4	5.22	1.1	0.3	1.1	0.2	0.950	0.2	0.5	< 0.1
A415074	8.00	5.8	1.0	3.98	0.203	0.50	0.03	0.43	0.55	0.05	2.48	140	6.5	15.2	1.8	7.18	1.7	0.5	1.8	0.3	1.60	0.3	0.8	0.1
A415075	6.40	4.0	0.9	3.05	0.083	0.18	0.03	0.37	0.51	0.07	1.23	144	7.2	15.4	1.8	6.95	1.6	0.4	1.6	0.2	1.41	0.3	0.7	< 0.1
A415076	3.82	3.3	1.1	0.61	0.346	0.15	0.02	0.62	0.25	0.05	1.16	70.9	7.1	14.2	1.6	6.18	1.2	0.3	1.1	0.1	0.820	0.2	0.4	< 0.1
A415077	3.57	4.4	0.6	1.11	0.100	0.10	0.02	0.30	0.18	0.02	1.92	77.6	6.9	14.3	1.6	5.98	1.2	0.3	1.1	0.1	0.823	0.2	0.4	< 0.1
A415078	5.30	6.6	0.6	0.88	0.142	0.39	0.03	0.81	0.23	0.03	2.70	52.2	9.5	19.6	2.3	8.49	1.7	0.4	1.6	0.2	1.16	0.2	0.6	< 0.1
A415079	4.11	3.0	1.4	1.14	0.415	0.17	< 0.02	0.28	0.20	0.04	1.97	114	5.0	10.8	1.2	4.79	1.0	0.3	1.0	0.1	0.889	0.2	0.4	< 0.1
A415080	3.13	2.9	1.0	1.03	0.162	0.15	< 0.02	0.44	0.15	0.04	1.33	104	7.7	16.1	1.8	6.78	1.3	0.3	1.1	0.1	0.727	0.1	0.3	< 0.1
A415081	3.11	3.5	0.7	0.70	0.286	0.14	0.02	0.29	0.48	< 0.02	1.71	180	5.6	11.9	1.3	5.19	1.0	0.3	1.0	0.1	0.723	0.1	0.4	< 0.1
A415082	3.90	3.4	1.3	1.62	0.369	0.25	0.03	0.56	1.17	< 0.02	2.11	70.2	9.9	20.9	2.4	8.76	1.7	0.4	1.5	0.2	0.972	0.2	0.5	< 0.1
A415083	4.00	2.7	0.7	0.72	0.132	0.16	0.02	0.36	0.28	0.06	1.50	87.6	8.1	16.7	1.9	7.24	1.4	0.4	1.3	0.2	0.935	0.2	0.4	< 0.1
A415084	6.91	3.8	1.7	1.30	0.228	0.20	0.02	0.40	0.22	0.04	2.15	116	8.5	20.2	2.2	8.63	1.9	0.5	1.9	0.3	1.54	0.3	0.8	0.1
A415085	5.85	2.7	1.0	0.54	0.125	0.19	< 0.02	0.43	0.17	< 0.02	1.14	81.7	6.4	13.9	1.6	6.47	1.4	0.4	1.6	0.2	1.29	0.3	0.7	< 0.1

Analyte Symbol	Y	Zr	Nb	Mo	Ag	Cd	In	Sn	Sb	Te	Cs	Ba	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.01	0.1	0.1	0.01	0.002	0.01	0.02	0.05	0.02	0.02	0.02	0.5	0.5	0.01	0.1	0.02	0.1	0.1	0.1	0.1	0.001	0.1	0.1	0.1
Analysis Method	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
A415086	6.68	3.8	1.3	0.47	0.240	0.10	0.02	0.42	0.24	< 0.02	1.52	95.2	9.5	20.7	2.3	8.68	1.8	0.5	1.7	0.2	1.35	0.3	0.7	< 0.1
A415087	7.88	3.1	1.2	0.52	0.102	0.17	< 0.02	0.34	0.43	0.02	0.79	89.7	8.6	20.4	2.2	8.57	1.8	0.5	1.9	0.3	1.57	0.3	0.9	0.1
A415088	4.68	3.7	1.3	1.02	0.170	0.15	0.02	0.46	0.18	0.03	1.61	105	8.6	18.1	2.0	7.47	1.5	0.4	1.4	0.2	1.08	0.2	0.5	< 0.1
A415089	5.86	4.8	0.9	0.64	0.131	0.08	< 0.02	0.37	0.19	0.06	1.42	98.8	6.3	13.4	1.6	6.39	1.4	0.4	1.5	0.2	1.25	0.2	0.7	< 0.1
A415090	4.55	4.1	1.5	0.85	0.111	0.09	< 0.02	0.43	0.28	0.04	0.76	71.9	8.3	17.3	2.0	7.46	1.4	0.4	1.3	0.2	1.01	0.2	0.5	< 0.1
A415091	4.71	3.4	0.9	0.65	0.153	0.22	< 0.02	0.40	0.18	0.06	2.07	331	7.4	16.0	1.8	7.05	1.4	0.4	1.4	0.2	1.09	0.2	0.6	< 0.1
A415092	4.04	4.0	1.2	0.94	0.098	0.16	0.02	0.44	0.22	< 0.02	0.93	87.0	7.3	15.3	1.8	6.70	1.3	0.3	1.2	0.2	0.865	0.2	0.4	< 0.1
A415093	4.37	3.5	0.9	0.86	0.165	0.24	0.02	0.37	0.24	0.03	0.95	120	9.1	19.1	2.2	8.14	1.6	0.4	1.4	0.2	1.07	0.2	0.5	< 0.1
A415094	4.35	2.5	1.0	0.73	0.363	0.52	< 0.02	0.27	0.25	< 0.02	0.57	69.8	7.2	14.8	1.7	6.31	1.3	0.3	1.3	0.2	0.977	0.2	0.5	< 0.1
A415095	9.39	3.9	0.7	1.18	0.226	0.21	0.02	0.46	0.48	< 0.02	1.02	106	10.0	19.6	2.6	10.3	2.2	0.7	2.3	0.3	1.89	0.4	1.0	0.1
A415096	5.04	3.1	1.3	1.27	0.576	0.30	0.02	0.29	0.73	< 0.02	0.80	75.7	8.2	16.4	1.9	7.16	1.5	0.4	1.4	0.2	1.17	0.2	0.6	< 0.1
A415097	4.38	2.9	1.1	0.86	0.207	0.24	0.02	0.38	0.29	< 0.02	0.93	76.2	8.9	18.0	2.1	7.75	1.5	0.4	1.4	0.2	0.999	0.2	0.5	< 0.1
A415098	5.62	4.0	1.2	0.96	0.096	0.22	0.02	0.41	0.38	< 0.02	1.01	130	9.7	19.6	2.3	8.53	1.6	0.4	1.6	0.2	1.25	0.2	0.7	< 0.1
A415099	3.98	3.5	1.0	1.36	0.169	0.17	0.02	0.46	0.33	0.03	0.97	79.3	8.1	16.8	1.9	6.94	1.4	0.4	1.3	0.2	0.945	0.2	0.5	< 0.1
A415100	5.36	3.5	2.7	1.33	0.111	0.25	0.02	0.57	0.33	0.03	0.71	70.9	9.7	20.6	2.4	8.99	1.8	0.4	1.7	0.2	1.18	0.2	0.6	< 0.1
A415101	4.28	3.3	0.9	0.60	0.063	0.20	0.02	0.31	0.28	< 0.02	0.80	82.0	8.4	17.1	1.9	7.19	1.4	0.4	1.3	0.2	0.989	0.2	0.5	< 0.1
A415102	4.67	3.2	1.2	1.21	0.280	0.50	0.03	0.33	0.62	0.02	0.83	75.0	8.4	17.0	1.9	7.28	1.5	0.4	1.4	0.2	1.09	0.2	0.5	< 0.1
A415103	3.96	4.5	2.4	1.26	0.065	0.32	0.02	0.51	0.33	< 0.02	0.79	67.2	8.6	17.6	2.0	7.61	1.4	0.4	1.3	0.2	0.903	0.2	0.4	< 0.1
A415104	3.14	2.8	1.9	1.11	0.227	0.22	< 0.02	0.56	0.30	< 0.02	0.74	65.0	11.7	23.7	2.7	9.80	1.7	0.4	1.4	0.2	0.805	0.1	0.4	< 0.1
A415105	4.03	3.8	0.7	1.02	0.098	0.23	< 0.02	0.41	0.32	< 0.02	0.79	70.1	8.8	17.6	2.0	7.22	1.4	0.3	1.3	0.2	0.920	0.2	0.5	< 0.1

Analyte Symbol	Yb	Lu	Hf	Ta	W	Re	Au	Tl	Pb	Th	U
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm
Detection Limit	0.1	0.1	0.1	0.05	0.1	0.001	0.5	0.02	0.01	0.1	0.1
Analysis Method	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
A257826	0.4	< 0.1	0.1	< 0.05	0.1	< 0.001	3.5	0.06	3.87	3.8	0.5
A257827	0.3	< 0.1	< 0.1	< 0.05	0.2	< 0.001	2.7	0.05	3.71	2.8	0.3
A257828	0.3	< 0.1	< 0.1	< 0.05	0.1	< 0.001	1.0	0.04	3.90	2.1	0.3
A257829	0.4	< 0.1	< 0.1	< 0.05	0.1	< 0.001	1.5	0.05	3.32	1.4	0.4
A257830	0.6	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	1.5	0.03	3.79	1.0	0.6
A257831	0.6	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	2.4	0.04	4.20	1.2	0.6
A257832	0.5	< 0.1	< 0.1	< 0.05	0.1	< 0.001	1.3	0.05	3.77	1.7	0.5
A257833	0.5	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	1.3	0.03	4.45	0.9	0.4
A257834	0.4	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	1.4	0.04	3.95	0.9	0.4
A257835	0.5	< 0.1	< 0.1	< 0.05	0.1	0.001	1.9	0.04	3.40	0.7	0.6
A257836	0.6	< 0.1	< 0.1	< 0.05	0.1	0.001	1.5	0.03	4.53	0.7	0.9
A257837	0.6	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	1.2	0.04	5.26	1.1	1.2
A257838	0.3	< 0.1	< 0.1	< 0.05	0.1	< 0.001	1.1	0.04	3.65	1.5	0.4
A257839	0.4	< 0.1	< 0.1	< 0.05	0.1	< 0.001	1.5	0.05	3.50	1.0	0.5
A257840	0.4	< 0.1	< 0.1	< 0.05	0.1	< 0.001	6.8	0.04	4.75	1.3	0.4
A257841	0.4	< 0.1	< 0.1	< 0.05	0.1	< 0.001	1.5	0.04	3.17	0.8	0.4
A257842	0.3	< 0.1	< 0.1	< 0.05	0.1	< 0.001	2.9	0.04	4.14	0.6	0.4
A257843	0.4	< 0.1	< 0.1	< 0.05	0.1	< 0.001	1.4	0.05	3.76	0.9	0.4
A257844	0.4	< 0.1	< 0.1	< 0.05	0.1	< 0.001	3.6	0.04	3.43	1.0	0.4
A257845	0.4	< 0.1	< 0.1	< 0.05	0.1	< 0.001	2.2	0.04	3.98	0.8	0.4
A257846	0.3	< 0.1	< 0.1	< 0.05	0.1	< 0.001	1.0	0.04	5.36	0.6	0.3
A257847	0.3	< 0.1	< 0.1	< 0.05	0.2	< 0.001	0.8	0.05	7.09	1.8	0.3
A257848	0.3	< 0.1	< 0.1	< 0.05	0.1	< 0.001	1.4	0.07	7.64	0.9	0.4
A257849	0.3	< 0.1	< 0.1	< 0.05	0.2	< 0.001	0.6	0.06	9.51	1.3	0.3
A257850	0.4	< 0.1	< 0.1	< 0.05	0.2	< 0.001	0.8	0.12	12.6	1.5	0.4
A257851	0.5	< 0.1	< 0.1	< 0.05	0.1	< 0.001	1.7	0.05	4.99	1.5	0.4
A257852	0.4	< 0.1	< 0.1	< 0.05	0.1	< 0.001	1.6	0.05	6.64	1.5	0.4
A257853	0.4	< 0.1	0.1	< 0.05	0.3	< 0.001	0.8	0.04	7.13	1.8	0.4
A257854	0.4	< 0.1	< 0.1	< 0.05	0.1	< 0.001	3.1	0.05	5.33	1.2	0.4
A257855	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	5.3	0.03	5.18	0.2	0.6
A257856	0.4	< 0.1	< 0.1	< 0.05	0.2	< 0.001	2.1	0.06	8.12	1.6	0.4
A257857	0.5	< 0.1	< 0.1	< 0.05	0.1	< 0.001	< 0.5	0.06	6.81	0.7	0.4
A257858	0.2	< 0.1	< 0.1	< 0.05	0.1	< 0.001	5.0	0.06	7.35	0.9	0.3
A257859	0.3	< 0.1	< 0.1	< 0.05	0.1	< 0.001	1.5	0.09	13.0	1.7	0.4
A257860	0.2	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	2.5	0.05	7.36	0.2	0.3
A257861	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	1.6	0.07	7.40	0.9	0.4
A257862	0.3	< 0.1	< 0.1	< 0.05	0.1	< 0.001	1.0	0.08	8.60	1.6	0.3
A257863	0.2	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	2.1	0.07	10.3	0.9	0.2
A257864	0.3	< 0.1	< 0.1	< 0.05	0.1	< 0.001	< 0.5	0.06	6.73	0.9	0.3
A257865	0.3	< 0.1	< 0.1	< 0.05	0.2	< 0.001	5.2	0.07	6.82	1.6	0.3
A257866	0.3	< 0.1	< 0.1	< 0.05	0.2	< 0.001	2.9	0.10	7.47	1.6	0.3
A257867	0.3	< 0.1	< 0.1	< 0.05	0.2	< 0.001	0.7	0.07	8.59	1.8	0.4
A257868	0.3	< 0.1	< 0.1	< 0.05	0.1	< 0.001	1.3	0.07	7.84	1.2	0.3
A257869	0.3	< 0.1	< 0.1	< 0.05	0.1	< 0.001	2.1	0.10	10.9	1.7	0.4
A257870	0.4	< 0.1	< 0.1	< 0.05	0.1	< 0.001	1.6	0.07	7.14	1.1	0.3
A257871	0.7	< 0.1	< 0.1	< 0.05	0.1	0.001	1.8	0.06	7.82	0.7	1.0
A257872	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	1.0	0.06	12.3	0.4	0.3
A257873	0.2	< 0.1	< 0.1	< 0.05	0.1	< 0.001	0.8	0.05	7.65	0.6	0.3
A257874	0.5	< 0.1	< 0.1	< 0.05	0.2	< 0.001	0.7	0.08	8.62	1.5	0.4
A257875	0.3	< 0.1	< 0.1	< 0.05	0.1	< 0.001	1.6	0.06	7.78	1.0	0.3
A257876	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 0.5	0.08	6.80	1.2	0.3
A257877	0.3	< 0.1	< 0.1	< 0.05	0.1	< 0.001	4.2	0.06	7.23	1.0	0.3

Analyte Symbol	Yb	Lu	Hf	Ta	W	Re	Au	Tl	Pb	Th	U
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm
Detection Limit	0.1	0.1	0.1	0.05	0.1	0.001	0.5	0.02	0.01	0.1	0.1
Analysis Method	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
A257878	0.3	< 0.1	< 0.1	< 0.05	0.2	< 0.001	1.0	0.08	7.11	1.7	0.3
A257879	0.3	< 0.1	< 0.1	< 0.05	0.2	< 0.001	1.2	0.07	7.37	1.4	0.4
A257880	0.4	< 0.1	< 0.1	< 0.05	0.1	< 0.001	1.8	0.08	7.30	1.7	0.4
A257881	0.3	< 0.1	< 0.1	< 0.05	0.1	< 0.001	1.3	0.06	6.41	1.6	0.3
A257882	0.5	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	1.8	0.06	6.01	0.6	0.4
A257883	0.3	< 0.1	< 0.1	< 0.05	0.1	< 0.001	3.0	0.12	11.5	1.1	0.4
A257884	0.3	< 0.1	< 0.1	< 0.05	0.1	< 0.001	2.1	0.12	10.7	0.8	0.3
A257885	0.8	0.1	< 0.1	< 0.05	0.1	0.002	2.7	0.06	11.4	0.4	0.9
A257886	0.4	< 0.1	< 0.1	< 0.05	0.1	< 0.001	4.1	0.07	9.40	1.2	0.4
A257887	0.4	< 0.1	< 0.1	< 0.05	0.1	< 0.001	1.0	0.05	5.07	1.4	0.4
A257888	0.6	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	1.7	0.07	7.37	1.4	0.8
A257889	0.4	< 0.1	< 0.1	< 0.05	0.2	< 0.001	1.4	0.08	6.37	1.3	0.4
A257890	0.4	< 0.1	< 0.1	< 0.05	0.2	0.001	1.4	0.14	4.90	4.2	0.5
A257891	0.4	< 0.1	< 0.1	< 0.05	0.1	< 0.001	6.6	0.06	3.82	3.4	0.4
A257892	0.4	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	0.8	0.07	6.38	3.1	0.8
A257893	0.4	< 0.1	< 0.1	< 0.05	0.1	0.001	3.5	0.05	3.24	2.3	0.4
A257894	0.4	< 0.1	< 0.1	< 0.05	0.2	< 0.001	1.5	0.05	5.53	2.5	0.6
A257895	0.6	< 0.1	< 0.1	< 0.05	0.2	< 0.001	0.8	0.04	3.54	1.3	0.9
A257896	0.3	< 0.1	< 0.1	< 0.05	0.1	< 0.001	2.1	0.04	3.22	1.8	0.3
A257897	0.4	< 0.1	< 0.1	< 0.05	0.1	< 0.001	0.7	0.05	3.18	1.1	0.4
A257898	0.3	< 0.1	< 0.1	< 0.05	0.1	< 0.001	3.7	0.03	3.70	1.7	0.4
A257899	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 0.5	0.05	4.76	1.1	0.3
A257900	0.4	< 0.1	< 0.1	< 0.05	0.2	< 0.001	< 0.5	0.05	5.19	1.9	0.4
A257901	0.3	< 0.1	< 0.1	< 0.05	0.1	< 0.001	3.5	0.04	4.94	1.8	0.3
A257902	0.3	< 0.1	< 0.1	< 0.05	0.2	< 0.001	1.8	0.05	5.93	2.2	0.4
A257903	0.3	< 0.1	< 0.1	< 0.05	0.1	< 0.001	1.2	0.05	5.66	2.3	0.4
A257904	0.3	< 0.1	< 0.1	< 0.05	0.2	< 0.001	2.3	0.05	5.89	2.2	0.4
A257905	0.4	< 0.1	< 0.1	< 0.05	2.7	< 0.001	< 0.5	0.05	6.36	2.0	0.4
A257906	0.3	< 0.1	< 0.1	< 0.05	0.1	< 0.001	< 0.5	0.04	4.19	1.2	0.3
A257907	0.4	< 0.1	< 0.1	< 0.05	0.2	< 0.001	3.0	0.04	5.57	2.8	0.4
A257908	0.2	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	0.8	0.04	6.27	1.7	0.3
A257909	0.3	< 0.1	< 0.1	< 0.05	0.1	< 0.001	< 0.5	0.04	3.91	1.4	0.3
A257910	0.3	< 0.1	< 0.1	< 0.05	0.1	< 0.001	3.7	0.03	3.46	1.1	0.3
A257911	0.2	< 0.1	< 0.1	< 0.05	0.2	< 0.001	3.4	0.04	5.28	1.8	0.3
A257912	0.3	< 0.1	< 0.1	< 0.05	0.2	< 0.001	5.2	0.03	3.77	1.1	0.3
A257913	0.3	< 0.1	< 0.1	< 0.05	0.2	< 0.001	1.4	0.04	4.18	1.5	0.3
A257914	0.2	< 0.1	< 0.1	< 0.05	0.1	< 0.001	< 0.5	0.08	3.77	1.2	0.2
A257915	0.2	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 0.5	0.08	3.53	0.8	0.2
A257916	0.3	< 0.1	< 0.1	< 0.05	0.1	< 0.001	< 0.5	0.02	3.72	0.9	0.4
A257917	0.5	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	0.7	0.04	3.80	0.4	0.4
A257918	0.4	< 0.1	< 0.1	< 0.05	0.3	< 0.001	4.1	0.03	3.92	1.1	0.3
A257919	0.4	< 0.1	< 0.1	< 0.05	0.1	< 0.001	1.0	0.05	4.97	1.2	0.3
A257920	0.4	< 0.1	< 0.1	< 0.05	0.1	< 0.001	< 0.5	0.05	3.55	1.0	0.3
A257921	0.4	< 0.1	< 0.1	< 0.05	0.2	< 0.001	4.1	0.04	5.50	1.2	0.4
A257922	0.5	< 0.1	< 0.1	< 0.05	0.2	< 0.001	< 0.5	0.04	5.33	1.3	0.5
A257923	0.4	< 0.1	< 0.1	< 0.05	0.2	< 0.001	0.9	0.04	4.37	1.3	0.6
A257924	0.2	< 0.1	< 0.1	0.47	0.2	< 0.001	0.6	0.09	5.50	0.3	0.2
A257925	0.3	< 0.1	< 0.1	< 0.05	0.2	< 0.001	0.6	0.03	4.14	1.4	0.4
A257926	0.3	< 0.1	< 0.1	< 0.05	0.1	< 0.001	2.8	0.03	4.59	1.2	0.3
A257927	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	0.8	0.04	5.73	1.3	0.3
A257928	0.4	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 0.5	0.19	3.38	1.2	0.3
A257929	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	1.0	0.03	4.84	1.1	0.3

Analyte Symbol	Yb	Lu	Hf	Ta	W	Re	Au	Tl	Pb	Th	U
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm
Detection Limit	0.1	0.1	0.1	0.05	0.1	0.001	0.5	0.02	0.01	0.1	0.1
Analysis Method	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
A257930	0.3	< 0.1	< 0.1	< 0.05	0.2	< 0.001	< 0.5	0.04	5.88	1.5	0.3
A257931	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 0.5	0.03	3.68	0.5	0.4
A257932	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 0.5	0.03	4.62	0.7	0.4
A257933	0.3	< 0.1	< 0.1	< 0.05	0.1	< 0.001	< 0.5	0.03	3.73	0.7	0.4
A257934	0.4	< 0.1	< 0.1	< 0.05	0.1	< 0.001	2.4	0.03	3.36	0.8	0.5
A257935	0.4	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 0.5	0.03	3.38	0.6	0.4
A257936	0.3	< 0.1	< 0.1	< 0.05	0.1	< 0.001	0.8	0.03	3.73	0.4	0.4
A257937	0.4	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	4.7	0.03	4.74	0.8	0.9
A257938	0.4	< 0.1	< 0.1	< 0.05	0.2	< 0.001	< 0.5	0.09	7.15	1.1	0.4
A257939	0.3	< 0.1	< 0.1	< 0.05	0.3	< 0.001	2.0	0.07	7.31	1.3	0.3
A257940	0.3	< 0.1	< 0.1	< 0.05	0.1	< 0.001	1.8	0.04	5.47	0.8	0.3
A257941	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 0.5	0.08	6.01	1.4	0.4
A257942	0.4	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	1.9	0.07	7.59	2.7	0.4
A257943	0.3	< 0.1	< 0.1	< 0.05	0.2	< 0.001	< 0.5	0.06	8.32	1.4	0.3
A257944	0.4	< 0.1	< 0.1	< 0.05	0.1	< 0.001	< 0.5	0.03	4.16	1.0	0.3
A257945	0.3	< 0.1	< 0.1	< 0.05	0.1	< 0.001	2.1	0.03	3.64	1.0	0.3
A257946	0.4	< 0.1	< 0.1	< 0.05	0.1	< 0.001	1.6	0.03	3.68	0.7	0.4
A257947	0.5	< 0.1	< 0.1	< 0.05	< 0.1	0.001	< 0.5	0.07	4.05	2.9	0.7
A257948	0.5	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	1.9	0.05	3.21	1.7	0.6
A257949	0.4	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	1.0	0.04	3.59	1.0	0.4
A257950	0.6	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 0.5	0.04	3.48	1.2	0.6
A257951	0.4	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	1.8	0.05	3.96	1.2	0.5
A257952	0.5	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 0.5	0.04	3.47	1.0	0.8
A257953	0.3	< 0.1	< 0.1	< 0.05	0.2	< 0.001	8.3	0.06	7.22	1.7	0.3
A257954	0.4	< 0.1	< 0.1	< 0.05	0.2	< 0.001	< 0.5	0.08	6.22	1.9	0.4
A257955	0.4	< 0.1	< 0.1	< 0.05	0.1	< 0.001	3.2	0.07	5.39	1.7	0.4
A257956	0.4	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	2.3	0.07	5.29	1.3	0.4
A257957	0.4	< 0.1	< 0.1	< 0.05	0.1	< 0.001	2.7	0.06	5.35	2.0	0.5
A257958	0.3	< 0.1	< 0.1	< 0.05	0.2	< 0.001	2.2	0.21	9.10	1.8	0.3
A257959	0.5	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	2.5	0.04	4.00	1.8	0.7
A257960	0.7	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	1.2	0.04	4.80	1.5	0.9
A257961	0.4	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	8.2	0.05	4.56	1.1	0.4
A257962	0.4	< 0.1	< 0.1	< 0.05	0.1	< 0.001	2.2	0.04	3.90	0.9	0.4
A257963	0.4	< 0.1	< 0.1	< 0.05	0.1	< 0.001	1.5	0.04	3.80	1.2	0.5
A257964	0.4	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 0.5	0.04	4.30	0.9	0.5
A257965	0.4	< 0.1	< 0.1	< 0.05	0.2	< 0.001	1.5	0.10	6.50	2.1	0.4
A257966	0.4	< 0.1	< 0.1	< 0.05	0.1	< 0.001	1.2	0.05	5.62	2.1	0.4
A257967	0.4	< 0.1	< 0.1	< 0.05	0.2	< 0.001	3.1	0.07	6.87	2.1	0.5
A257968	0.4	< 0.1	< 0.1	< 0.05	0.2	< 0.001	2.2	0.07	8.39	1.7	0.5
A257969	0.4	< 0.1	< 0.1	< 0.05	0.2	< 0.001	2.2	0.07	5.86	2.2	0.4
A257970	0.4	< 0.1	< 0.1	< 0.05	0.2	< 0.001	1.5	0.04	3.96	1.4	0.4
A257971	0.5	< 0.1	< 0.1	< 0.05	0.1	< 0.001	1.7	0.04	4.34	1.8	0.4
A257972	0.3	< 0.1	< 0.1	< 0.05	0.1	< 0.001	1.4	0.07	6.43	1.5	0.4
A257973	0.4	< 0.1	< 0.1	< 0.05	0.2	< 0.001	1.8	0.08	7.49	1.8	0.4
A257974	0.3	< 0.1	< 0.1	< 0.05	0.2	< 0.001	1.0	0.14	11.9	2.3	0.5
A257975	0.4	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	0.8	0.12	7.80	1.8	0.4
A257976	0.3	< 0.1	< 0.1	< 0.05	0.1	< 0.001	1.2	0.05	5.58	1.3	0.4
A257977	0.4	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	0.6	0.11	11.1	1.5	0.4
A257978	0.4	< 0.1	< 0.1	< 0.05	0.1	< 0.001	0.9	0.11	10.9	2.0	0.5
A257979	0.4	< 0.1	< 0.1	< 0.05	0.1	< 0.001	3.2	0.08	7.03	1.7	0.4
A257980	0.4	< 0.1	< 0.1	< 0.05	0.1	< 0.001	1.6	0.04	4.13	1.4	0.4
A257981	0.4	< 0.1	< 0.1	< 0.05	< 0.1	0.001	1.5	0.05	4.50	2.2	0.4

Analyte Symbol	Yb	Lu	Hf	Ta	W	Re	Au	Tl	Pb	Th	U
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm
Detection Limit	0.1	0.1	0.1	0.05	0.1	0.001	0.5	0.02	0.01	0.1	0.1
Analysis Method	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
A257982	0.5	< 0.1	0.1	< 0.05	0.2	< 0.001	2.0	0.05	5.28	1.9	0.5
A257983	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	4.7	0.08	6.18	1.9	0.3
A257984	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	3.1	0.06	7.12	1.4	0.3
A257985	0.4	< 0.1	< 0.1	< 0.05	0.1	< 0.001	1.8	0.08	6.30	2.0	0.4
A257986	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	60.5	0.12	19.6	4.7	0.7
A257987	0.3	< 0.1	< 0.1	< 0.05	0.7	< 0.001	6.9	0.06	5.18	2.0	0.3
A257988	0.4	< 0.1	< 0.1	< 0.05	0.2	< 0.001	0.8	0.09	6.17	2.3	0.4
A257989	0.4	< 0.1	< 0.1	< 0.05	0.1	< 0.001	< 0.5	0.06	7.59	2.5	0.4
A257990	0.3	< 0.1	< 0.1	< 0.05	0.2	< 0.001	< 0.5	0.05	5.86	2.2	0.4
A257991	0.5	< 0.1	< 0.1	< 0.05	0.1	< 0.001	2.4	0.05	4.02	2.2	0.5
A257992	0.3	< 0.1	< 0.1	< 0.05	0.2	< 0.001	< 0.5	0.06	6.29	3.0	0.5
A257993	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	1.3	0.06	5.67	1.9	0.4
A257994	0.3	< 0.1	< 0.1	< 0.05	0.1	< 0.001	1.8	0.06	5.09	1.8	0.4
A257995	0.3	< 0.1	< 0.1	< 0.05	0.1	< 0.001	< 0.5	0.06	5.87	1.3	0.4
A257996	0.3	< 0.1	< 0.1	< 0.05	0.1	< 0.001	2.1	0.04	3.36	1.2	0.3
A257997	0.4	< 0.1	< 0.1	< 0.05	0.1	< 0.001	7.3	0.04	4.02	1.3	0.4
A257998	0.3	< 0.1	< 0.1	< 0.05	0.1	< 0.001	1.9	0.04	5.24	1.8	0.4
A257999	0.4	< 0.1	< 0.1	< 0.05	0.1	< 0.001	8.4	0.05	4.37	2.0	0.4
A258000	0.3	< 0.1	< 0.1	< 0.05	0.2	< 0.001	1.5	0.04	4.67	1.5	0.4
A415001	0.4	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	2.1	0.04	4.83	0.3	0.5
A415002	0.6	< 0.1	< 0.1	< 0.05	< 0.1	0.001	1.8	0.07	3.47	0.3	1.0
A415003	0.5	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	2.2	0.05	3.81	0.6	0.5
A415004	0.4	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	1.9	0.05	4.09	1.4	0.4
A415005	0.3	< 0.1	< 0.1	< 0.05	0.1	< 0.001	1.8	0.04	3.98	1.4	0.3
A415006	0.3	< 0.1	< 0.1	< 0.05	0.1	< 0.001	< 0.5	0.04	5.87	2.3	0.4
A415007	0.4	< 0.1	< 0.1	< 0.05	0.1	< 0.001	< 0.5	0.04	7.16	1.6	0.3
A415008	0.4	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	4.0	0.04	5.21	1.3	0.4
A415009	0.3	< 0.1	< 0.1	< 0.05	0.1	< 0.001	5.5	< 0.02	3.64	0.2	0.4
A415010	0.5	< 0.1	< 0.1	< 0.05	0.1	< 0.001	2.6	0.04	4.29	1.5	0.4
A415011	0.7	0.1	< 0.1	< 0.05	0.1	0.001	1.1	0.08	3.56	3.0	0.7
A415012	1.3	0.2	< 0.1	< 0.05	0.1	0.001	1.2	0.08	5.16	2.3	3.8
A415013	0.7	0.1	< 0.1	< 0.05	< 0.1	< 0.001	1.3	0.06	5.19	1.3	1.0
A415014	0.4	< 0.1	< 0.1	< 0.05	0.2	< 0.001	2.7	0.06	4.77	2.2	0.4
A415015	0.4	< 0.1	< 0.1	< 0.05	0.1	0.001	2.1	0.04	3.26	2.3	0.5
A415016	0.4	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	1.5	0.05	4.57	2.0	0.3
A415017	0.4	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 0.5	0.05	3.95	1.9	0.4
A415018	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 0.5	0.04	5.65	1.7	0.4
A415019	0.4	< 0.1	< 0.1	< 0.05	0.2	0.001	1.8	0.03	3.36	1.8	0.4
A415020	0.3	< 0.1	< 0.1	< 0.05	< 0.1	0.001	< 0.5	0.05	4.86	1.9	0.4
A415021	0.4	< 0.1	< 0.1	< 0.05	0.2	< 0.001	< 0.5	0.08	3.04	1.7	0.3
A415022	0.3	< 0.1	< 0.1	< 0.05	0.3	< 0.001	1.0	0.05	6.25	1.5	0.3
A415023	0.5	< 0.1	< 0.1	< 0.05	0.1	< 0.001	8.5	0.04	4.05	2.0	0.4
A415024	0.3	< 0.1	< 0.1	< 0.05	< 0.1	0.001	0.6	0.04	3.66	1.4	0.3
A415025	0.4	< 0.1	< 0.1	< 0.05	0.1	0.001	1.5	0.03	3.82	2.0	0.4
A415026	0.4	< 0.1	< 0.1	< 0.05	0.1	< 0.001	0.9	0.04	5.37	1.4	0.4
A415027	0.5	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	1.0	0.04	5.94	1.5	0.4
A415028	0.5	< 0.1	< 0.1	< 0.05	0.1	< 0.001	1.8	0.05	4.95	2.2	0.4
A415029	0.4	< 0.1	< 0.1	< 0.05	0.2	< 0.001	< 0.5	0.05	5.88	2.1	0.4
A415030	0.4	< 0.1	< 0.1	< 0.05	1.0	< 0.001	0.8	0.05	4.89	1.7	0.4
A415031	0.4	< 0.1	< 0.1	< 0.05	0.2	0.001	0.7	0.06	5.38	2.6	0.4
A415032	0.4	< 0.1	< 0.1	< 0.05	0.2	0.002	3.5	0.04	3.99	2.0	0.4
A415033	0.4	< 0.1	< 0.1	< 0.05	0.1	0.001	1.3	0.03	4.23	2.1	0.4

Analyte Symbol	Yb	Lu	Hf	Ta	W	Re	Au	Tl	Pb	Th	U
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm
Detection Limit	0.1	0.1	0.1	0.05	0.1	0.001	0.5	0.02	0.01	0.1	0.1
Analysis Method	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
A415034	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 0.5	0.05	4.79	1.6	0.3
A415035	0.4	< 0.1	< 0.1	< 0.05	0.1	< 0.001	1.4	0.06	4.93	2.1	0.4
A415036	0.4	< 0.1	< 0.1	< 0.05	0.2	< 0.001	< 0.5	0.04	4.68	1.8	0.4
A415037	0.4	< 0.1	< 0.1	< 0.05	0.1	< 0.001	1.5	0.04	4.11	1.9	0.4
A415038	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	0.7	0.04	4.78	1.4	0.4
A415039	0.3	< 0.1	< 0.1	< 0.05	0.1	< 0.001	0.8	0.04	4.34	3.4	0.4
A415040	0.4	< 0.1	< 0.1	< 0.05	0.1	< 0.001	2.4	0.06	7.47	1.9	0.4
A415041	0.4	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	0.7	0.06	5.80	1.6	0.3
A415042	0.4	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	3.0	0.09	9.44	1.4	0.4
A415043	0.6	< 0.1	< 0.1	< 0.05	0.1	0.003	1.6	0.04	7.12	0.6	1.6
A415044	0.4	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	1.0	0.11	15.7	1.9	0.4
A415045	0.3	< 0.1	< 0.1	< 0.05	0.1	< 0.001	< 0.5	0.07	10.3	1.9	0.4
A415046	0.3	< 0.1	< 0.1	< 0.05	0.2	< 0.001	1.4	0.09	12.0	2.2	0.4
A415047	0.4	< 0.1	< 0.1	< 0.05	0.1	0.001	1.7	0.08	10.1	2.1	0.4
A415048	0.4	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	3.0	0.08	6.93	2.0	0.4
A415049	0.3	< 0.1	< 0.1	< 0.05	< 0.1	0.001	1.1	0.09	7.82	1.4	0.3
A415050	0.5	< 0.1	< 0.1	< 0.05	0.2	< 0.001	2.1	0.09	11.3	2.3	0.4
A415051	0.4	< 0.1	< 0.1	< 0.05	0.2	< 0.001	< 0.5	0.08	8.28	1.8	0.4
A415052	0.3	< 0.1	< 0.1	< 0.05	0.1	0.001	7.3	0.07	8.57	1.7	0.4
A415053	0.4	< 0.1	< 0.1	< 0.05	0.1	< 0.001	1.1	0.04	6.21	1.6	0.4
A415054	0.4	< 0.1	< 0.1	< 0.05	0.1	< 0.001	0.6	0.05	5.16	1.1	0.3
A415055	0.4	< 0.1	< 0.1	< 0.05	0.1	< 0.001	1.2	0.05	5.74	1.7	0.4
A415056	0.4	< 0.1	< 0.1	< 0.05	0.1	< 0.001	0.9	0.05	4.89	1.6	0.4
A415057	0.3	< 0.1	< 0.1	< 0.05	0.1	< 0.001	< 0.5	0.05	5.24	2.4	0.3
A415058	0.3	< 0.1	< 0.1	< 0.05	0.1	< 0.001	3.3	0.04	4.90	1.1	0.3
A415059	0.4	< 0.1	< 0.1	< 0.05	0.1	< 0.001	1.3	0.05	5.54	2.0	0.4
A415060	0.4	< 0.1	< 0.1	< 0.05	0.1	0.001	1.2	0.04	4.92	2.3	0.5
A415061	0.4	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 0.5	0.06	5.26	1.5	0.4
A415062	0.5	< 0.1	< 0.1	< 0.05	0.3	0.001	0.5	0.07	7.62	2.1	0.5
A415063	0.3	< 0.1	< 0.1	< 0.05	0.1	< 0.001	2.0	0.03	4.46	0.8	0.3
A415064	0.4	< 0.1	< 0.1	< 0.05	0.1	< 0.001	8.3	0.04	4.41	1.5	0.4
A415065	0.7	< 0.1	< 0.1	< 0.05	0.2	< 0.001	< 0.5	0.15	7.16	0.8	0.4
A415066	0.5	< 0.1	< 0.1	< 0.05	0.1	< 0.001	1.6	0.04	9.20	0.9	0.4
A415067	0.5	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	0.8	0.05	4.60	0.9	0.4
A415068	0.5	< 0.1	< 0.1	< 0.05	0.1	< 0.001	0.9	0.05	5.08	1.2	0.3
A415069	0.5	< 0.1	< 0.1	< 0.05	0.2	< 0.001	3.5	0.08	5.30	4.0	0.3
A415070	0.5	< 0.1	< 0.1	< 0.05	0.1	< 0.001	0.7	0.07	5.07	2.8	0.3
A415071	0.6	< 0.1	0.1	< 0.05	0.2	< 0.001	0.8	0.13	3.82	1.9	0.2
A415072	0.4	< 0.1	< 0.1	< 0.05	0.1	0.001	1.9	0.06	6.01	1.9	0.3
A415073	0.4	< 0.1	< 0.1	< 0.05	< 0.1	0.001	4.5	0.07	4.73	1.4	0.3
A415074	0.7	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	2.3	0.13	6.60	2.1	0.4
A415075	0.6	< 0.1	< 0.1	< 0.05	0.1	0.001	1.3	0.06	5.57	1.6	0.4
A415076	0.3	< 0.1	< 0.1	< 0.05	0.2	0.001	0.5	0.06	4.89	1.9	0.4
A415077	0.3	< 0.1	< 0.1	< 0.05	0.2	0.001	1.4	0.07	4.35	2.3	0.4
A415078	0.5	< 0.1	< 0.1	< 0.05	0.2	0.001	< 0.5	0.05	5.34	2.6	0.4
A415079	0.4	< 0.1	< 0.1	< 0.05	0.2	< 0.001	< 0.5	0.05	3.93	0.9	0.4
A415080	0.3	< 0.1	< 0.1	< 0.05	0.1	< 0.001	< 0.5	0.04	5.27	1.5	0.3
A415081	0.3	< 0.1	< 0.1	< 0.05	0.2	< 0.001	< 0.5	0.07	5.57	1.8	0.3
A415082	0.4	< 0.1	< 0.1	< 0.05	0.1	0.001	< 0.5	0.08	6.26	1.9	0.4
A415083	0.4	< 0.1	< 0.1	< 0.05	0.2	< 0.001	< 0.5	0.05	5.10	2.1	0.3
A415084	0.7	< 0.1	< 0.1	< 0.05	0.1	< 0.001	0.9	0.05	4.91	1.7	0.4
A415085	0.6	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	7.2	0.04	4.63	1.2	0.7

Analyte Symbol	Yb	Lu	Hf	Ta	W	Re	Au	Tl	Pb	Th	U
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm
Detection Limit	0.1	0.1	0.1	0.05	0.1	0.001	0.5	0.02	0.01	0.1	0.1
Analysis Method	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
A415086	0.6	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	4.3	0.05	4.24	1.8	0.4
A415087	0.7	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	1.9	0.05	3.61	1.3	0.5
A415088	0.4	< 0.1	< 0.1	< 0.05	< 0.1	0.001	< 0.5	0.06	4.86	1.8	0.4
A415089	0.6	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 0.5	0.03	3.51	1.5	0.3
A415090	0.4	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	1.3	0.04	4.33	1.7	0.4
A415091	0.4	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	0.5	0.07	5.17	1.8	0.3
A415092	0.4	< 0.1	< 0.1	< 0.05	0.1	< 0.001	5.1	0.05	4.82	1.6	0.3
A415093	0.4	< 0.1	< 0.1	< 0.05	0.1	0.001	< 0.5	0.07	5.10	2.6	0.4
A415094	0.4	< 0.1	< 0.1	< 0.05	0.1	< 0.001	1.3	0.04	3.59	1.4	0.4
A415095	0.8	0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 0.5	0.15	6.47	2.0	0.9
A415096	0.4	< 0.1	< 0.1	< 0.05	0.1	0.001	0.6	0.07	6.23	2.1	0.4
A415097	0.4	< 0.1	< 0.1	< 0.05	0.1	< 0.001	< 0.5	0.05	5.50	2.2	0.4
A415098	0.5	< 0.1	< 0.1	< 0.05	0.1	< 0.001	0.6	0.06	6.02	2.3	0.5
A415099	0.4	< 0.1	< 0.1	< 0.05	0.3	< 0.001	1.8	0.06	5.82	2.0	0.4
A415100	0.5	< 0.1	< 0.1	< 0.05	0.1	< 0.001	< 0.5	0.06	8.15	2.2	0.7
A415101	0.4	< 0.1	< 0.1	< 0.05	0.1	< 0.001	< 0.5	0.05	5.13	2.4	0.4
A415102	0.4	< 0.1	< 0.1	< 0.05	0.1	< 0.001	< 0.5	0.06	6.45	2.2	0.4
A415103	0.4	< 0.1	< 0.1	< 0.05	0.1	< 0.001	1.9	0.06	7.53	2.3	0.4
A415104	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 0.5	0.08	9.10	2.4	0.4
A415105	0.4	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	2.3	0.05	6.54	2.5	0.4

Quality Control

Analyte Symbol	Li	Be	B	Na	Mg	Al	K	Bi	Ca	Sc	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Rb	Sr
Unit Symbol	ppm	ppm	ppm	%	%	%	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.1	0.1	1	0.001	0.01	0.01	0.01	0.02	0.01	0.1	1	0.5	1	0.01	0.1	0.1	0.01	0.1	0.02	0.1	0.1	0.1	0.1	0.5
Analysis Method	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
GXR-1 Meas	3.9	0.7	11	0.035	0.12	0.30	0.03	1360	0.67	0.8	69	6.9	907	25.5	6.5	40.8	1210	774	4.12		378	16.6	2.1	179
GXR-1 Cert	8.20	1.22	15.0	0.0520	0.217	3.52	0.0500	1380	0.960	1.58	80.0	12.0	852	23.6	8.20	41.0	1110	760	13.8		427	16.6	14.0	275
GXR-4 Meas	6.5	1.1	3	0.093	1.12	2.09	1.25	19.4	0.63	4.8	63	42.9	146	2.84	11.5	38.3	6040	71.4	9.27		88.8	5.5	94.1	71.0
GXR-4 Cert	11.1	1.90	4.50	0.564	1.66	7.20	4.01	19.0	1.01	7.70	87.0	64.0	155	3.09	14.6	42.0	6520	73.0	20.0		98.0	5.60	160	221
GXR-6 Meas	19.1	0.7	4	0.052	0.32	5.73	0.87	0.17	0.11	18.8	139	64.5	1020	5.55	10.9	23.7	67.7	120	14.2		206	0.5	64.2	30.9
GXR-6 Cert	32.0	1.40	9.80	0.104	0.609	17.7	1.87	0.290	0.180	27.6	186	96.0	1010	5.58	13.8	27.0	66.0	118	35.0		330	0.940	90.0	35.0
OREAS 13b (4-Acid) Meas																	2250				51.5			
OREAS 13b (4-Acid) Cert																	2327				57			
A257838 Orig	9.7	0.3	4	0.011	0.39	1.62	0.05	0.05	0.54	3.3	94	32.7	237	3.52	6.4	17.9	18.7	41.3	5.95	< 0.1	2.5	0.6	8.8	47.0
A257838 Dup	9.2	0.3	4	0.012	0.37	1.50	0.05	0.04	0.52	3.2	91	30.8	225	3.33	6.1	17.0	18.2	37.8	5.64	< 0.1	2.3	0.4	8.5	46.0
A257852 Orig	8.5	0.2	3	0.006	0.34	1.14	0.05	0.08	0.45	2.7	90	32.8	221	3.55	5.7	16.2	21.2	69.1	5.31	< 0.1	15.8	0.6	6.3	42.3
A257852 Dup	8.3	0.2	4	0.004	0.34	1.13	0.05	0.08	0.44	2.6	90	33.9	220	3.54	5.6	16.4	21.1	68.0	5.37	< 0.1	15.8	0.4	6.1	41.7
A257879 Orig	10.1	0.3	3	0.003	0.49	1.58	0.06	0.10	0.37	3.4	99	41.1	281	4.26	7.4	20.2	28.4	68.5	6.80	< 0.1	11.1	0.7	12.0	39.2
A257879 Dup	9.9	0.3	7	0.004	0.48	1.55	0.06	0.09	0.36	3.2	99	40.2	274	4.19	7.1	19.6	27.4	66.9	6.74	< 0.1	11.4	0.7	11.6	38.5
A257902 Orig	12.4	0.3	2	0.010	0.30	1.53	0.03	0.10	0.31	2.7	112	41.4	238	4.36	6.2	16.1	18.2	66.1	6.76	< 0.1	5.1	0.7	8.5	30.0
A257902 Dup	12.6	0.3	2	0.011	0.29	1.54	0.04	0.10	0.31	2.7	112	40.5	239	4.42	6.4	15.8	18.3	64.9	6.64	< 0.1	4.3	0.7	8.5	29.5
A257916 Orig	6.5	0.2	2	0.014	0.27	1.39	0.03	0.05	0.37	2.2	77	33.3	152	2.72	4.7	15.7	17.8	38.9	5.01	< 0.1	2.9	0.6	3.7	33.5
A257916 Dup	7.2	0.2	3	0.016	0.29	1.47	0.03	0.05	0.39	2.4	79	35.2	162	2.87	4.9	16.4	18.4	40.7	4.97	< 0.1	3.1	0.7	3.7	34.4
A257929 Orig	18.2	0.2	2	0.020	0.66	1.64	0.08	0.06	0.44	3.2	96	38.5	298	3.31	11.8	26.9	41.2	49.6	6.96	< 0.1	3.5	0.6	15.0	50.2
A257929 Dup	18.4	0.2	2	0.022	0.67	1.68	0.08	0.06	0.45	3.2	96	40.0	307	3.40	11.9	27.2	41.3	50.5	7.03	< 0.1	2.7	0.7	15.2	50.5
A257943 Orig	11.7	0.2	2	0.016	0.44	1.57	0.10	0.13	0.47	2.6	105	38.0	304	4.46	9.1	17.0	40.0	74.2	8.40	< 0.1	10.6	0.5	15.4	238
A257943 Dup	11.2	0.3	2	0.013	0.46	1.52	0.10	0.13	0.44	2.4	100	35.8	293	4.31	8.8	16.4	38.7	71.0	8.33	< 0.1	9.4	0.6	14.8	234
A257959 Orig	13.1	0.3	4	0.030	0.37	1.55	0.06	0.05	0.64	3.9	87	37.0	492	3.26	8.9	20.9	26.8	41.8	5.06	< 0.1	2.2	0.4	7.2	64.0
A257959 Dup	13.3	0.3	4	0.023	0.38	1.56	0.06	0.05	0.64	3.8	89	35.8	497	3.32	9.2	21.3	27.9	42.2	5.08	< 0.1	3.0	0.3	7.0	60.3
A257973 Orig	12.7	0.4	3	0.014	0.50	2.10	0.07	0.08	0.40	4.9	117	40.5	508	5.57	11.8	26.5	34.9	129	8.20	0.1	4.9	0.4	12.4	46.1
A257973 Dup	13.3	0.5	3	0.013	0.53	2.27	0.07	0.08	0.41	5.0	121	42.3	533	5.88	12.5	28.2	37.8	137	8.63	0.1	5.6	0.4	12.9	47.3
A257986 Orig	12.4	0.5	3	0.008	0.39	1.67	0.11	0.06	0.24	1.9	57	20.2	258	4.98	4.9	12.2	18.5	83.9	5.25	0.1	75.8	0.4	22.8	28.2
A257986 Dup	11.7	0.4	3	0.006	0.37	1.56	0.10	0.06	0.21	1.8	53	18.9	242	4.66	4.4	11.2	17.3	79.2	4.94	< 0.1	70.9	0.3	22.0	26.2
A258000 Orig	9.1	0.3	4	0.014	0.27	1.79	0.04	0.05	0.43	2.7	115	41.6	319	4.58	5.5	14.0	16.2	62.8	5.89	0.1	5.4	0.3	6.7	43.1
A258000 Dup	8.9	0.4	5	0.014	0.27	1.75	0.04	0.05	0.41	2.5	111	40.5	307	4.44	5.4	13.6	16.0	61.2	5.70	0.1	5.4	0.3	6.4	42.0
A415037 Orig	9.0	0.4	3	0.013	0.34	1.60	0.05	0.06	0.48	3.8	102	41.3	294	4.15	6.3	18.3	22.3	46.6	5.51	0.1	4.2	< 0.1	8.0	47.1
A415037 Dup	9.2	0.3	4	0.015	0.34	1.57	0.05	0.06	0.49	3.8	105	42.7	290	4.15	6.2	18.9	22.5	45.8	5.38	0.1	4.1	< 0.1	7.9	47.3
A415050 Orig	12.7	0.4	2	0.017	0.49	1.74	0.06	0.15	0.44	3.9	133	49.7	424	6.02	10.5	24.6	30.3	107	7.49	0.1	29.5	0.5	10.1	51.4
A415050 Dup	13.2	0.4	2	0.015	0.49	1.71	0.06	0.11	0.43	4.1	122	45.1	414	5.65	10.1	24.2	30.6	112	7.21	0.1	28.8	0.5	9.8	47.1
A415065 Orig	27.7	0.3	1	0.049	2.00	2.85	0.23	0.06	0.73	5.5	166	123	692	6.37	24.0	68.2	89.6	99.1	11.4	0.2	1.0	0.3	19.5	58.4
A415065 Dup	26.3	0.3	1	0.049	1.91	2.71	0.22	0.06	0.70	5.3	160	118	657	6.06	23.0	65.2	86.0	95.3	11.1	0.2	1.8	0.3	19.0	57.2
A415081 Orig	20.0	0.3	2	0.032	1.21	2.60	0.10	0.07	0.64	4.5	155	143	387	6.25	17.4	107	35.5	84.9	9.14	0.1	3.4	< 0.1	13.7	85.8
A415081 Dup	18.8	0.3	1	0.036	1.18	2.51	0.10	0.06	0.66	4.3	144	137	375	5.74	16.7	105	33.3	80.9	8.73	0.1	2.9	0.4	13.3	84.4
A415095 Orig	17.7	0.3	3	0.020	0.68	1.85	0.07	0.07	0.67	5.5	97	39.0	418	3.82	10.4	23.1	38.4	77.4	6.74	0.1	10.9	0.4	9.8	68.9
A415095 Dup	16.9	0.3	2	0.018	0.64	1.76	0.07	0.06	0.65	5.4	95	36.8	395	3.62	9.9	22.4	37.2	73.4	6.20	< 0.1	9.7	0.2	9.6	67.9
Method Blank Method Blank	< 0.1	< 0.1	< 1	< 0.001	< 0.01	< 0.01	< 0.01	< 0.02	< 0.01	< 0.1	< 1	< 0.5	< 1	< 0.01	< 0.1	< 0.1	< 0.01	< 0.1	< 0.02	< 0.1	< 0.1	< 0.1	< 0.1	< 0.5

Quality Control

Analyte Symbol	Y	Zr	Nb	Mo	Ag	Cd	In	Sn	Sb	Te	Cs	Ba	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.01	0.1	0.1	0.01	0.002	0.01	0.02	0.05	0.02	0.02	0.02	0.5	0.5	0.01	0.1	0.02	0.1	0.1	0.1	0.1	0.001	0.1	0.1	0.1
Analysis Method	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
GXR-1 Meas	28.4	21.6	0.5	18.4	32.3	2.73	0.79	25.9	79.6	13.9	2.87	189	4.9	12.2		6.71	2.4	0.5	3.8	0.7	4.66			0.4
GXR-1 Cert	32.0	38.0	0.800	18.0	31.0	3.30	0.770	54.0	122	13.0	3.00	750	7.50	17.0		18.0	2.70	0.690	4.20	0.830	4.30			0.430
GXR-4 Meas	11.9	11.4	0.1	319	3.69	0.06	0.21	5.72	2.11	0.90	2.60	17.8	47.2	91.3		36.1	5.7	1.3	4.6	0.5	2.60			0.1
GXR-4 Cert	14.0	186	10.0	310	4.00	0.860	0.270	5.60	4.80	0.970	2.80	1640	64.5	102		45.0	6.60	1.63	5.25	0.360	2.60			0.210
GXR-6 Meas	6.71	11.7	< 0.1	0.80	0.307	0.10	0.06	0.98	0.51	< 0.02	3.58	976	11.0	32.7		11.1	2.3	0.6	2.0	0.3	1.55			0.1
GXR-6 Cert	14.0	110	7.50	2.40	1.30	1.00	0.260	1.70	3.60	0.0180	4.20	1300	13.9	36.0		13.0	2.67	0.760	2.97	0.415	2.80			0.0320
OREAS 13b (4-Acid) Meas				9.11	0.920																			
OREAS 13b (4-Acid) Cert				9.0	0.86																			
A257838 Orig	3.93	3.4	1.4	0.57	0.103	0.10	< 0.02	0.35	0.22	< 0.02	0.66	98.7	6.6	13.5	1.5	5.77	1.1	0.3	1.1	0.1	0.818	0.2	0.4	< 0.1
A257838 Dup	3.77	3.3	1.3	0.56	0.100	0.10	0.02	0.41	0.20	0.05	0.63	95.9	6.4	13.4	1.5	5.67	1.1	0.3	1.0	0.1	0.787	0.2	0.4	< 0.1
A257852 Orig	3.94	3.4	1.6	1.28	0.078	0.21	< 0.02	0.34	0.60	0.03	0.50	83.0	8.2	16.6	1.9	6.93	1.4	0.3	1.2	0.2	0.833	0.2	0.4	< 0.1
A257852 Dup	4.00	3.5	1.5	1.33	0.066	0.21	< 0.02	0.37	0.59	< 0.02	0.48	77.6	8.1	16.4	1.9	6.97	1.4	0.3	1.2	0.1	0.812	0.2	0.4	< 0.1
A257879 Orig	3.84	3.1	1.4	1.47	0.201	0.23	0.02	0.58	0.56	0.02	0.87	75.2	7.7	15.5	1.8	6.53	1.3	0.3	1.2	0.1	0.842	0.2	0.4	< 0.1
A257879 Dup	3.83	4.1	1.4	1.41	0.189	0.24	0.02	0.51	0.59	< 0.02	0.85	71.7	7.9	16.0	1.8	6.85	1.3	0.3	1.2	0.1	0.813	0.2	0.4	< 0.1
A257902 Orig	3.55	3.8	1.9	1.03	0.153	0.21	0.02	0.50	0.25	0.03	0.74	84.3	8.1	17.0	1.9	7.09	1.4	0.3	1.1	0.1	0.754	0.1	0.4	< 0.1
A257902 Dup	3.34	3.7	1.8	0.99	0.163	0.21	0.02	0.68	0.21	< 0.02	0.73	86.8	7.8	16.0	1.8	6.68	1.3	0.3	1.1	0.1	0.766	0.1	0.4	< 0.1
A257916 Orig	3.47	3.0	1.4	0.75	0.085	0.13	< 0.02	0.45	0.17	< 0.02	0.47	73.4	5.6	11.4	1.3	4.88	1.0	0.3	0.9	0.1	0.744	0.1	0.4	< 0.1
A257916 Dup	3.55	3.1	1.5	0.79	0.064	0.13	< 0.02	0.57	0.16	0.02	0.48	76.7	5.6	11.4	1.3	4.90	1.0	0.3	1.0	0.1	0.758	0.1	0.4	< 0.1
A257929 Orig	3.75	3.7	0.9	1.47	0.098	0.08	< 0.02	0.53	0.26	0.03	1.27	66.6	4.9	10.5	1.2	4.56	0.9	0.3	0.9	0.1	0.768	0.2	0.4	< 0.1
A257929 Dup	3.75	3.8	0.9	1.46	0.099	0.08	< 0.02	0.42	0.25	< 0.02	1.26	65.8	4.8	10.2	1.1	4.40	0.9	0.3	0.9	0.1	0.759	0.1	0.4	< 0.1
A257943 Orig	3.55	4.4	1.8	2.04	0.141	0.20	< 0.02	0.48	0.34	0.07	1.15	179	6.5	13.4	1.5	5.68	1.1	0.3	1.0	0.1	0.761	0.1	0.4	< 0.1
A257943 Dup	3.33	4.2	1.6	1.96	0.142	0.20	< 0.02	0.44	0.29	0.07	1.08	171	5.9	12.6	1.4	5.32	1.0	0.3	1.0	0.1	0.704	0.1	0.4	< 0.1
A257959 Orig	5.51	3.7	1.1	1.09	0.115	0.20	0.02	0.35	0.26	< 0.02	0.56	90.8	8.0	21.1	1.9	7.51	1.6	0.4	1.5	0.2	1.18	0.2	0.6	< 0.1
A257959 Dup	5.58	4.0	1.2	1.11	0.118	0.20	0.02	0.35	0.26	< 0.02	0.55	88.2	7.9	20.9	1.9	7.33	1.5	0.4	1.5	0.2	1.21	0.2	0.6	< 0.1
A257973 Orig	4.12	4.1	0.8	2.72	0.195	0.83	0.03	0.46	0.33	< 0.02	1.23	85.6	6.3	12.6	1.4	5.39	1.1	0.3	1.1	0.1	0.878	0.2	0.4	< 0.1
A257973 Dup	4.19	4.4	0.8	2.94	0.223	0.86	0.03	0.48	0.38	0.04	1.29	86.8	6.3	12.6	1.4	5.42	1.1	0.3	1.0	0.1	0.859	0.2	0.5	< 0.1
A257986 Orig	3.88	4.4	0.4	1.17	0.210	0.25	0.03	0.33	0.94	0.11	3.11	83.6	18.6	35.7	4.1	14.5	2.5	0.6	2.0	0.2	0.957	0.2	0.4	< 0.1
A257986 Dup	3.71	4.4	0.5	1.14	0.198	0.23	0.03	0.34	0.91	0.07	3.04	77.2	17.9	34.6	3.9	14.2	2.4	0.5	1.9	0.2	0.942	0.2	0.4	< 0.1
A258000 Orig	3.77	3.0	1.1	0.69	0.093	0.17	0.03	0.30	0.26	< 0.02	0.74	60.3	6.8	13.7	1.5	5.76	1.1	0.3	1.0	0.1	0.776	0.2	0.4	< 0.1
A258000 Dup	3.66	2.9	1.0	0.69	0.090	0.17	0.02	0.30	0.27	< 0.02	0.72	58.9	6.7	13.6	1.5	5.76	1.1	0.3	1.0	0.1	0.787	0.1	0.4	< 0.1
A415037 Orig	4.38	3.4	0.9	0.71	0.161	0.21	< 0.02	0.31	0.27	< 0.02	0.68	83.0	6.9	13.9	1.6	6.13	1.2	0.3	1.2	0.2	0.937	0.2	0.5	< 0.1
A415037 Dup	4.47	3.3	0.8	0.70	0.166	0.18	< 0.02	0.31	0.28	< 0.02	0.68	86.8	7.6	15.1	1.7	6.52	1.3	0.3	1.2	0.2	0.994	0.2	0.5	< 0.1
A415050 Orig	5.24	5.0	1.3	2.10	0.195	0.57	0.03	0.38	0.85	0.06	1.08	95.2	7.6	15.2	1.7	6.72	1.4	0.4	1.4	0.2	1.04	0.2	0.6	< 0.1
A415050 Dup	5.21	5.1	1.5	2.08	0.200	0.58	0.03	0.38	0.85	0.03	1.08	96.8	7.7	15.6	1.8	6.78	1.4	0.4	1.4	0.2	1.13	0.2	0.6	< 0.1
A415065 Orig	7.40	5.2	0.8	0.86	0.093	0.28	0.03	0.36	0.13	0.05	3.87	114	3.6	8.43	1.1	4.90	1.3	0.5	1.6	0.2	1.53	0.3	0.8	0.1
A415065 Dup	7.43	5.1	0.9	0.82	0.086	0.29	0.03	0.34	0.18	0.05	3.79	115	3.7	8.59	1.1	5.07	1.4	0.5	1.7	0.3	1.57	0.3	0.8	0.1
A415081 Orig	3.06	3.6	0.7	0.75	0.300	0.14	0.02	0.29	0.48	0.04	1.72	179	5.6	11.7	1.3	5.03	1.0	0.3	1.0	0.1	0.719	0.1	0.4	< 0.1
A415081 Dup	3.15	3.3	0.7	0.65	0.272	0.13	0.02	0.29	0.49	< 0.02	1.69	181	5.6	12.1	1.4	5.34	1.1	0.3	1.0	0.1	0.727	0.1	0.4	< 0.1
A415095 Orig	9.59	3.9	0.6	1.23	0.229	0.22	0.02	0.47	0.48	0.04	1.03	107	10.3	20.0	2.6	10.5	2.3	0.7	2.3	0.3	1.89	0.4	1.0	0.1
A415095 Dup	9.19	3.8	0.7	1.13	0.222	0.20	0.02	0.44	0.49	< 0.02	1.01	105	9.8	19.2	2.5	10.1	2.2	0.7	2.3	0.3	1.89	0.4	1.0	0.1
Method Blank Method Blank	< 0.01	< 0.1	< 0.1	< 0.01	< 0.002	< 0.01	< 0.02	< 0.05	< 0.02	< 0.02	< 0.02	< 0.5	< 0.5	< 0.01	< 0.1	< 0.02	< 0.1	< 0.1	< 0.1	< 0.1	< 0.001	< 0.1	< 0.1	< 0.1

Quality Control

Analyte Symbol	Yb	Lu	Hf	Ta	W	Re	Au	Tl	Pb	Th	U
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm
Detection Limit	0.1	0.1	0.1	0.05	0.1	0.001	0.5	0.02	0.01	0.1	0.1
Analysis Method	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
GXR-1 Meas	2.2	0.3	0.2	< 0.05	157		3360	0.38	729	3.9	31.0
GXR-1 Cert	1.90	0.280	0.960	0.175	164		3300	0.390	730	2.44	34.9
GXR-4 Meas	0.9	0.1	0.3	< 0.05	11.4		507	2.88	50.0	20.8	4.5
GXR-4 Cert	1.60	0.170	6.30	0.790	30.8		470	3.20	52.0	22.5	6.20
GXR-6 Meas	0.8	0.1	0.1	< 0.05	< 0.1		47.6	1.82	103	4.6	0.7
GXR-6 Cert	2.40	0.330	4.30	0.485	1.90		95.0	2.20	101	5.30	1.54
OREAS 13b (4-Acid) Meas											
OREAS 13b (4-Acid) Cert											
A257838 Orig	0.3	< 0.1	< 0.1	< 0.05	0.1	< 0.001	1.0	0.04	3.67	1.4	0.4
A257838 Dup	0.4	< 0.1	< 0.1	< 0.05	0.1	< 0.001	1.2	0.04	3.64	1.6	0.4
A257852 Orig	0.4	< 0.1	< 0.1	< 0.05	0.1	< 0.001	1.4	0.05	6.72	1.5	0.4
A257852 Dup	0.4	< 0.1	< 0.1	< 0.05	0.1	< 0.001	1.7	0.05	6.57	1.5	0.4
A257879 Orig	0.3	< 0.1	< 0.1	< 0.05	0.2	< 0.001	1.2	0.07	7.47	1.5	0.4
A257879 Dup	0.3	< 0.1	< 0.1	< 0.05	0.2	< 0.001	1.3	0.07	7.28	1.4	0.4
A257902 Orig	0.3	< 0.1	< 0.1	< 0.05	0.2	< 0.001	2.9	0.05	6.03	2.3	0.4
A257902 Dup	0.3	< 0.1	< 0.1	< 0.05	0.2	< 0.001	0.6	0.04	5.82	2.2	0.4
A257916 Orig	0.3	< 0.1	< 0.1	< 0.05	0.1	< 0.001	< 0.5	0.02	3.72	1.0	0.4
A257916 Dup	0.3	< 0.1	< 0.1	< 0.05	0.1	< 0.001	1.0	0.03	3.73	0.9	0.4
A257929 Orig	0.3	< 0.1	< 0.1	< 0.05	0.1	< 0.001	1.5	0.04	4.90	1.1	0.3
A257929 Dup	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	0.5	0.03	4.78	1.1	0.3
A257943 Orig	0.3	< 0.1	< 0.1	< 0.05	0.2	< 0.001	< 0.5	0.06	8.42	1.5	0.3
A257943 Dup	0.3	< 0.1	< 0.1	< 0.05	0.2	< 0.001	< 0.5	0.06	8.23	1.3	0.3
A257959 Orig	0.5	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	1.9	0.05	3.91	1.7	0.6
A257959 Dup	0.5	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	3.2	0.04	4.10	1.8	0.7
A257973 Orig	0.4	< 0.1	< 0.1	< 0.05	0.2	< 0.001	2.2	0.08	7.24	1.8	0.4
A257973 Dup	0.4	< 0.1	< 0.1	< 0.05	0.2	< 0.001	1.4	0.08	7.74	1.7	0.4
A257986 Orig	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	72.2	0.12	19.9	4.7	0.7
A257986 Dup	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	48.8	0.12	19.3	4.8	0.7
A258000 Orig	0.3	< 0.1	< 0.1	< 0.05	0.2	< 0.001	0.8	0.04	4.69	1.5	0.4
A258000 Dup	0.3	< 0.1	< 0.1	< 0.05	0.2	< 0.001	2.1	0.04	4.65	1.4	0.4
A415037 Orig	0.4	< 0.1	< 0.1	< 0.05	0.1	0.001	0.8	0.04	4.02	1.9	0.4
A415037 Dup	0.4	< 0.1	< 0.1	< 0.05	0.1	< 0.001	2.1	0.04	4.21	2.0	0.4
A415050 Orig	0.5	< 0.1	< 0.1	< 0.05	0.3	< 0.001	2.4	0.09	11.1	2.2	0.4
A415050 Dup	0.5	< 0.1	< 0.1	< 0.05	0.2	< 0.001	1.8	0.10	11.6	2.3	0.4
A415065 Orig	0.6	< 0.1	< 0.1	< 0.05	0.1	< 0.001	< 0.5	0.15	7.17	0.9	0.4
A415065 Dup	0.7	< 0.1	< 0.1	< 0.05	0.2	< 0.001	< 0.5	0.15	7.14	0.7	0.4
A415081 Orig	0.3	< 0.1	< 0.1	< 0.05	0.2	< 0.001	< 0.5	0.07	5.70	1.9	0.3
A415081 Dup	0.3	< 0.1	< 0.1	< 0.05	0.1	< 0.001	< 0.5	0.07	5.44	1.7	0.3
A415095 Orig	0.8	0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 0.5	0.15	6.50	2.0	0.9
A415095 Dup	0.8	0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 0.5	0.15	6.45	2.0	0.9
Method Blank Method Blank	< 0.1	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 0.5	< 0.02	< 0.01	< 0.1	< 0.1

APPENDIX 2

SAMPLE LOCATIONS AND FIELD DESCRIPTIONS

Appendix 2

Sample	Easting	Northing	Landscape	Contamination	Slope	Direction	%Rock	%Sand	%Silt	%Organics	Colour	Moisture	From (cm)	To (cm)
A300554	430939	6111855	mixed forest	none	moderate	N	15	25	55	5	orange-brown	dry-moist	4	9
A300555	431130	6111843	mixed forest	none	moderate	NE	20	60	15	5	brown	dry-moist	12	17
A300556	431144	6111757	mixed forest	none	flat		25	40	35	0	orange-brown	dry-moist	7	12
A300557	431336	6111752	coniferous forest	none	gentle	N	15	35	45	5	brown	moist	8	13
A300558	430931	6111767	mixed forest	none	gentle	E	20	35	35	10	brown	moist	12	17
A300559	430749	6111757	mixed forest	none	gentle	E	15	30	50	5	brown	moist	5	10
A300560	430535	6111753	mixed forest	none	flat		15	35	45	5	brown	moist	4	9
A300561	430340	6111770	coniferous forest	none	flat		15	30	50	5	brown	moist-wet	4	9
A300562	430146	6111754	coniferous forest	above road	gentle	N	25	35	35	5	brown	moist	5	10
A300563	430141	6111963	mixed forest	near old road	gentle	NW	20	30	45	5	brown	moist	7	12
A300564	429938	6111965	mixed forest	none	gentle	N	15	30	50	5	brown	moist	11	16
A300565	429742	6111961	mixed forest	none	gentle	NW	15	20	40	25	dark brown	wet-saturated	23	28
A300566	429545	6111964	mixed forest	none	flat		25	20	40	15	grey-brown	wet	9	14
A300567	429344	6111965	mixed forest	none	flat		20	30	40	10	brown	wet	6	11
A300568	429336	6111860	mixed forest	none	gentle	NW	20	35	35	10	brown	wet	37	42
A300569	429540	6111860	mixed forest	none	gentle	NW	15	35	40	10	brown	wet-saturated	11	16
A300570	429737	6111862	mixed forest	none	gentle	NW	20	25	45	10	dark brown	wet-saturated	30	35
A300571	429943	6111860	mixed forest	none	gentle	N	15	30	50	5	brown	wet	7	12
A300572	429939	6111755	mixed forest	none	gentle	N	20	35	40	5	brown	moist	8	13
A300501	433026	6105946	coniferous forest	edge of clear cut	moderate	E	25	15	50	10	red-brown	moist	6	11
A300502	433025	6106001	coniferous forest	edge of clear cut	moderate	E	10	15	60	15	light to dark brown	moist-wet	4	9
A300503	433022	6106049	coniferous forest	edge of clear cut	gentle-moderate	E	20	20	50	10	light brown	moist-wet	20	25
A300504	433010	6106112	coniferous forest	edge of clear cut	moderate	E	20	20	55	5	red-brown	moist	5	10
A300505	433026	6106169	coniferous forest	edge of clear cut	moderate	E	20	20	55	5	light brown	moist	14	19
A300506	433055	6106207	coniferous forest	edge of clear cut	gentle	ESE	20	25	45	10	light grey-brown	wet	30	35
A300507	433096	6106229	coniferous forest	edge of clear cut	gentle	ESE	15	5	20	60	black-brown	saturated	30	35
A300508	433149	6106250	coniferous forest	edge of clear cut	gentle	SE	15	25	55	5	red-brown	moist	8	13
A300509	433188	6106279	coniferous forest	edge of clear cut	gentle	E	20	20	40	20	dark brown to black	saturated	38	45
A300510	433236	6106302	coniferous forest	edge of clear cut	moderate	S	20	30	45	5	brown	moist	11	16
A300511	433288	6106314	coniferous forest	edge of clear cut	gentle	SE	30	20	40	10	brown	moist	12	17
A300512	433164	6106616	coniferous forest	none	gentle-moderate	ESE	20	30	40	10	brown	moist	5	10
A300513	433138	6106582	coniferous forest	none	flat		15	35	45	5	brown	moist	6	11
A300514	433110	6106535	coniferous forest	none	gentle	E	10	20	60	10	light brown to brown	wet	8	13
A300515	433084	6106503	coniferous forest	none	gentle	ESE	15	30	45	10	dark brown	moist	4	9
A300516	433039	6106471	coniferous forest	none	moderate	SE	30	30	35	5	brown	moist	3	8
A300517	432998	6106450	coniferous forest	none	moderate-steep	SE	25	25	40	10	brown	moist	8	13
A300518	432953	6106441	coniferous forest	none	moderate	E	15	30	45	10	brown	moist	11	16
A300519	432903	6106439	coniferous forest	none	gentle	SE	20	35	40	5	brown	moist	6	11
A300520	432850	6106424	coniferous forest	none	gentle	E	10	15	60	15	light brown to brown	wet	34	39
A300521	432838	6106378	coniferous forest	none	moderate	N	20	25	45	10	dark red-brown	moist	11	16
A300522	432834	6106328	coniferous forest	none	gentle	SE	25	25	40	10	brown	moist	5	10
A300523	432820	6106287	coniferous forest	none	gentle	E	15	35	35	15	brown	saturated	34	39
A300524	432787	6106239	coniferous forest	none	moderate	E	10	35	55	0	brown	moist	5	10
A300525	432778	6106197	coniferous forest	none	steep	E	25	20	40	15	brown	moist	6	11
A300526	432768	6106138	coniferous forest	none	moderate	N	15	25	55	5	brown	moist	8	13
A300527	432747	6106097	coniferous forest	none	moderate	E	15	20	60	5	red-brown	moist-wet	9	14
A300528	429939	6111567	coniferous forest	none	gentle	W	15	35	45	5	brown	moist	11	16
A300529	429742	6111560	mixed forest	none	flat		10	15	65	10	brown to dark brown	wet	38	43
A300530	429536	6111562	mixed forest	none	gentle	W	15	15	60	10	light brown	wet	15	20
A300531	429342	6111560	mixed forest	none	gentle	W	15	25	45	15	dark brown	moist	9	14
A300532	429343	6111658	coniferous forest	none	flat		5	10	50	35	black-brown	saturated	48	53
A300533	429540	6111663	mixed forest	none	gentle	W	10	10	75	5	brown	wet	37	42
A300534	429746	6111656	mixed forest	none	gentle	NW	15	35	40	10	brown	moist-wet	7	12
A300535	429945	6111655	mixed forest	none	flat		15	35	45	5	brown	moist	5	10
A300536	430145	6111656	mixed forest	close to road	flat		20	35	40	5	light orange-brown	dry-moist	3	8
A300537	430333	6111661	mixed forest	none	gentle	E	25	35	35	5	red-brown	dry-moist	5	10
A300538	430541	6111659	mixed forest	none	gentle	E	20	35	40	5	red-brown	dry-moist	6	11
A300539	430741	6111661	mixed forest	none	flat		20	35	40	5	brown	moist	6	11

Appendix 2

Sample	Easting	Northing	Landscape	Contamination	Slope	Direction	%Rock	%Sand	%Silt	%Organics	Colour	Moisture	From (cm)	To (cm)
A300540	430940	6111665	mixed forest	none	gentle	SE	25	30	50	5	orange-brown to brown	moist	6	11
A300541	431132	6111694	mixed forest	none	flat		30	30	30	10	brown	moist	24	29
A300542	431338	6111658	coniferous forest	none	gentle-moderate	NE	20	20	55	5	brown	moist	9	14
A300543	431339	6111571	coniferous forest	none	moderate	NW	25	30	35	10	brown	moist	13	18
A300544	431142	6111549	mixed forest	none	gentle	N	20	25	45	10	dark brown	moist-wet	5	10
A300545	430936	6111560	mixed forest	none	flat		20	35	40	5	orange-brown	dry-moist	6	11
A300546	430739	6111562	mixed forest	none	gentle	SE	25	35	35	5	orange-brown	moist	11	16
A300547	430538	6111563	mixed forest	none	gentle	S	20	30	45	5	orange-brown	moist	9	14
A300548	430341	6111561	mixed forest	none	flat		15	35	45	5	orange-brown	moist	12	17
A300549	430139	6111561	mixed forest	none	gentle	SW	25	40	35	0	brown	dry-moist	2	7
A300550	430141	6111861	mixed forest	above road	flat		35	35	30	0	brown	dry	3	8
A300551	430343	6111849	mixed forest	above road	flat		20	30	45	5	brown	moist	7	12
A300552	430541	6111863	mixed forest	none	flat		15	30	50	5	brown	moist-wet	7	12
A300553	430742	6111864	mixed forest	none	gentle	E	15	30	45	10	brown	moist	11	16
A300573	429743	6111770	mixed forest	none	gentle	N	15	35	45	5	brown	moist	8	13
A300574	429532	6111763	mixed forest	none	flat		10	10	40	40	dark brown	saturated	24	29
A300575	429341	6111750	mixed forest	none	flat		15	35	30	10	dark grey-brown	wet-saturated	43	48
A300576	431339	6112466	mixed forest	none	moderate	SW	25	25	45	5	orange-brown	dry-moist	7	12
A300577	431342	6112353	mixed forest	none	steep	SW	25	30	40	5	brown	moist	11	16
A300578	431346	6112257	mixed forest	none	moderate	S	15	35	45	5	brown	moist	17	22
A300579	431347	6112151	mixed forest	none	flat		15	40	45	0	brown	dry-moist	9	14
A300580	431328	6112087	mixed forest	none	steep	S	40	35	25	0	light brown	moist	7	12
A300581	431145	6112172	mixed forest	none	gentle	S	20	30	45	5	orange-brown	moist	8	13
A300582	431147	6112268	mixed forest	none	flat		15	25	55	5	light brown	moist-wet	16	21
A300583	431143	6112355	mixed forest	none	gentle	S	10	20	65	5	orange-brown	dry-moist	10	15
A300584	431137	6112457	mixed forest	none	gentle	S	10	20	65	5	orange-brown	dry-moist	9	14
A300585	430935	6112462	mixed forest	none	gentle	SW	15	40	45	0	light orange-brown	dry	4	9
A300586	430938	6112371	mixed forest	none	gentle	S	30	45	20	5	brown	dry	6	11
A300587	430924	6112259	mixed forest	none	moderate	N	30	45	20	5	brown	dry	13	18
A300588	429343	6112451	mixed forest	none	flat		30	35	30	5	brown	moist-wet	6	11
A300589	429347	6112359	mixed forest	none	flat		15	10	55	20	brown-black	wet	49	54
A300590	429339	6112258	mixed forest	none	flat		20	30	45	5	brown	moist	22	27
A300591	429340	6112160	mixed forest	none	gentle	N	20	35	40	5	light brown	moist-wet	46	51
A300592	429339	6112048	mixed forest	none	gentle	N	15	0	40	45	black	wet	20	25
A300593	429542	6112064	mixed forest	none	flat		20	35	35	10	brown	moist	16	21
A300594	429548	6112159	mixed forest	none	gentle	NW	20	35	35	10	brown	moist-wet	40	45
A300595	429539	6112253	mixed forest	none	gentle	NW	15	35	45	5	brown	moist-wet	18	23
A300596	429543	6112361	mixed forest	none	flat		10	0	40	50	black	saturated	33	38
A300597	429542	6112465	mixed forest	none	flat		35	45	15	5	brown	dry	19	24
A300598	429743	6112464	mixed forest	none	flat		40	40	20	0	orange-brown	dry	13	18
A300599	429740	6112356	mixed forest	none	gentle	N	5	0	35	60	black	wet-saturated	47	52
A300600	429732	6112247	mixed forest	none	gentle	NW	5	5	45	45	black	wet	43	48
A300601	429743	6112166	mixed forest	none	gentle	N	10	10	45	35	brown-black	wet	52	57
A300602	429741	6112059	mixed forest	none	flat		25	35	35	5	brown	wet-saturated	30	35
A300603	430932	6112160	coniferous forest	none	gentle	E	20	65	15	0	orange-brown	dry	6	11
A300604	430940	6112054	mixed forest	none	flat		15	35	50	0	orange-brown	dry-moist	7	12
A300605	430941	6111957	mixed forest	none	gentle	N	15	20	55	10	brown-dark brown	moist	19	24
A300606	430748	6111969	mixed forest	none	moderate-steep	N	15	35	45	5	orange-brown	dry-moist	9	14
A300607	430744	6112065	mixed forest	none	gentle	NE	20	35	40	5	orange-brown	dry-moist	6	11
A300608	430737	6112162	mixed forest	none	moderate	N	25	20	50	5	orange-brown	moist	14	19
A300609	430736	6112268	mixed forest	none	flat		30	35	30	5	brown	moist	10	15
A300610	430738	6112362	mixed forest	none	flat		35	40	25	0	brown	moist	18	23
A300611	430734	6112462	mixed forest	none	flat		20	30	50	0	brown	moist	11	16
A300612	430745	6113876	mixed forest	none	gentle-moderate	SE	20	35	45	0	brown	moist	7	12
A300613	430740	6113750	mixed forest	none	gentle	S	15	40	45	0	light brown	dry	5	10
A300614	430746	6113664	mixed forest	none	gentle	S	20	5	65	10	grey-brown	wet	29	34
A300615	430738	6113557	mixed forest	none	flat		25	30	35	10	grey-brown	wet	39	44
A300616	430753	6113459	mixed forest	none	gentle	SE	15	35	50	10	grey-brown	moist-wet	23	28

Appendix 2

Sample	Easting	Northing	Landscape	Contamination	Slope	Direction	%Rock	%Sand	%Silt	%Organics	Colour	Moisture	From (cm)	To (cm)
A300617	430758	6113347	mixed forest	none	flat		15	35	40	10	grey-brown	wet-saturated	8	13
A300618	430739	6113262	mixed forest	none	flat		5	10	85	0	light grey-brown	dry-moist	11	16
A300619	430737	6113164	mixed forest	none	gentle	E	25	40	35	0	brown	dry-moist	6	11
A300620	430739	6113050	mixed forest	none	flat		20	35	40	5	brown	moist	12	17
A300621	430747	6112966	mixed forest	none	moderate	SE	20	35	45	0	brown	dry-moist	9	14
A300622	430735	6112858	mixed forest	none	gentle-moderate	SE	40	20	35	5	orange-brown	dry-moist	13	18
A300623	430746	6112761	mixed forest	none	flat		30	20	50	0	orange-brown	dry-moist	7	12
A300624	429948	6112464	coniferous forest	none	gentle	SW	30	35	30	5	brown	moist	9	14
A300625	429943	6112366	mixed forest	none	gentle	S	20	30	45	5	brown	moist	10	15
A300626	429946	6112258	mixed forest	none	gentle	SW	20	30	45	5	light brown	saturated	53	58
A300627	429947	6112163	mixed forest	none	gentle	S	10	25	50	15	dark brown	saturated	52	57
A300628	429949	6112053	mixed forest	none	flat		30	30	30	10	brown	saturated	44	49
A300629	430135	6112055	mixed forest	none	gentle	SW	20	35	40	5	light brown	wet	39	44
A300630	430142	6112157	mixed forest	none	gentle	S	15	30	55	0	light brown-brown	moist	6	11
A300631	430139	6112255	mixed forest	none	gentle	S	20	30	45	5	light brown	moist	20	25
A300632	430139	6112364	mixed forest	none	flat		25	35	35	5	brown	dry-moist	21	26
A300633	430140	6112462	coniferous forest	none	flat		30	25	40	5	brown	moist	17	22
A300634	430550	6113859	mixed forest	none	gentle	W	30	25	40	5	brown	moist	8	13
A300635	430539	6113761	mixed forest	none	flat		20	25	55	0	orange-brown	dry-moist	7	12
A300636	430548	6113663	mixed forest	none	gentle	W	15	35	45	5	brown	dry	13	18
A300637	430543	6113565	mixed forest	none	gentle-moderate	S	10	35	50	5	light brown	dry	20	25
A300638	430537	6113464	mixed forest	none	flat		15	35	40	10	grey-brown	wet	31	36
A300639	430529	6113374	mixed forest	none	flat		15	35	45	5	orange-brown	dry	14	19
A300640	430529	6113257	mixed forest	none	gentle	SW	10	5	40	45	brown-black	saturated	39	44
A300641	430543	6113166	mixed forest	none	moderate	S	20	30	50	0	brown	dry	6	11
A300642	430543	6113067	mixed forest	none	gentle	SW	25	35	35	5	brown	dry-moist	7	12
A300643	430538	6112956	mixed forest	none	moderate-steep	W	20	35	35	10	dark brown	moist	8	13
A300644	430543	6112866	mixed forest	none	moderate	SE	25	35	35	5	brown	moist	9	14
A300645	430540	6112763	mixed forest	none	moderate	S	15	30	45	10	brown	moist	11	16
A300646	430545	6112665	mixed forest	none	flat		45	25	25	5	dark brown	wet-saturated	28	33
A300647	430536	6112561	coniferous forest	none	flat		20	35	40	5	orange-brown	moist	8	13
A300651	431333	6113844	mixed forest	none	flat		15	40	40	5	brown	moist	19	24
A300652	431338	6113767	mixed forest	none	moderate	N	20	25	50	5	brown	moist	21	26
A300653	431347	6113664	mixed forest	none	flat		15	35	50	0	orange-brown	dry-moist	11	16
A300654	431341	6113556	coniferous forest	none	gentle	W	30	30	35	5	brown	moist	12	17
A300655	431340	6113467	coniferous forest	none	gentle	S	40	30	25	5	orange-brown	moist	10	15
A300656	431356	6113363	coniferous forest	none	gentle	S	15	25	50	10	brown	moist-wet	11	16
A300657	431342	6113263	coniferous forest	none	moderate	SW	15	40	45	0	brown	moist	14	19
A300658	431337	6113149	coniferous forest	none	gentle	SW	15	40	40	5	orange-brown	moist	4	9
A300659	431336	6113061	mixed forest	none	gentle	W	15	25	50	10	brown	moist	38	43
A300660	431339	6112960	mixed forest	none	gentle	S	20	30	40	10	light brown	moist	23	28
A300661	431340	6112866	mixed forest	none	gentle	SE	15	40	40	5	grey-brown	wet	12	17
A300662	431342	6112760	mixed forest	none	flat		15	30	45	10	brown	moist	15	20
A300663	431340	6112662	mixed forest	none	gentle	SW	30	30	35	5	brown	moist	14	19
A300664	431332	6112565	mixed forest	none	gentle-moderate	SW	20	35	40	5	brown	moist	9	14
A300665	430342	6113865	mixed forest	none	gentle	W	10	35	50	5	brown	moist-wet	15	20
A300666	430328	6113769	mixed forest	none	gentle	SW	20	35	35	10	brown	moist	11	16
A300667	430335	6113665	mixed forest	none	moderate	SW	20	35	45	0	orange-brown	dry	6	11
A300668	430342	6113565	mixed forest	none	gentle	SW	25	40	30	5	brown	moist	9	14
A300669	430347	6113460	mixed forest	none	gentle	S	15	30	50	5	brown	moist	22	27
A300670	430332	6113361	mixed forest	none	flat		25	35	35	5	orange-brown	moist	18	23
A300671	430340	6113257	coniferous forest	none	flat		35	35	25	5	orange-brown	moist	13	18
A300672	430341	6113167	mixed forest	none	gentle	S	15	40	40	5	grey-brown	moist-wet	44	49
A300673	430343	6113058	coniferous forest	none	flat		10	35	50	5	orange-brown	moist	13	18
A300674	430349	6112970	mixed forest	none	gentle	S	15	40	40	5	brown	dry-moist	7	12
A300675	430345	6112867	mixed forest	none	moderate	S	20	35	35	10	brown	moist	8	13
A300676	430348	6112661	mixed forest	none	gentle	S	30	30	30	10	dark brown	dry-moist	11	16
A300677	430356	6112556	coniferous forest	none	flat		40	35	20	5	brown	dry-moist	20	25

Appendix 2

Sample	Easting	Northing	Landscape	Contamination	Slope	Direction	%Rock	%Sand	%Silt	%Organics	Colour	Moisture	From (cm)	To (cm)
A300678	430740	6112653	coniferous forest	none	flat		35	35	25	5	orange-brown	moist-wet	10	15
A300679	430744	6112563	coniferous forest	none	gentle	S	35	30	30	5	brown	moist-wet	11	16
A300680	430540	6112472	coniferous forest	none	gentle	S	30	30	35	5	brown	wet	14	18
A300681	430520	6112361	coniferous forest	near old road	moderate	N	20	30	45	5	brown	wet	7	12
A300682	430341	6112460	coniferous forest	none	gentle	NE	5	5	90	0	light orange-brown	moist-wet	8	13
A300683	430339	6112360	coniferous forest	none	gentle	NE	10	10	80	0	orange	moist-wet	14	19
A300684	430143	6113863	mixed forest	none	gentle	SE	5	0	55	40	black-brown	moist-wet	38	43
A300685	430129	6113765	mixed forest	none	flat		0	0	50	50	black-brown	saturated	23	28
A300686	430135	6113658	mixed forest	none	flat		35	40	20	5	light brown	moist-wet	7	12
A300687	430141	6113562	mixed forest	none	gentle	SW	20	35	35	10	dark grey-brown	saturated	39	44
A300688	430145	6113456	mixed forest	none	flat		50	30	15	5	grey-brown	wet	25	30
A300689	430137	6113374	mixed forest	none	flat		25	40	30	5	light brown	wet	24	29
A300690	430153	6113254	coniferous forest	none	flat		35	25	35	5	orange-brown	moist-wet	15	20
A300691	430148	6113154	mixed forest	none	flat		25	35	35	5	grey-brown	wet	26	31
A300692	430136	6113066	mixed forest	none	flat		40	30	25	5	grey-brown	moist	12	17
A300693	430147	6112962	mixed forest	none	gentle	S	50	35	15	0	orange-brown	moist	17	22
A300694	430134	6112870	mixed forest	none	gentle	SE	25	40	30	5	brown	moist	14	19
A300695	430137	6112765	mixed forest	none	gentle	SE	5	25	70	0	orange-brown	moist	14	19
A300696	430139	6112661	mixed forest	none	gentle	S	15	35	50	0	orange-brown	dry-moist	12	17
A300697	430168	6112585	mixed forest	none	flat		20	30	45	5	orange-brown	moist	14	19
A300698	429935	6113855	mixed forest	none	gentle	SE	15	35	45	5	grey-brown	wet-saturated	16	21
A300699	429949	6113763	mixed forest	none	flat		0	0	40	60	black	wet-saturated	16	21
A300700	429958	6113671	mixed forest	none	flat		0	0	40	60	black	wet-saturated	25	30
A300701	429936	6113556	mixed forest	none	flat		25	35	25	5	brown	wet	9	14
A300702	429922	6113483	mixed forest	none	gentle	S	25	40	30	5	orange-brown	moist	11	16
A300703	429939	6113360	mixed forest	none	flat		15	35	45	5	light brown	dry-moist	9	14
A300704	429941	6113160	mixed forest	none	gentle	SW	15	30	55	0	light orange-brown	moist-wet	10	15
A300705	429945	6113062	mixed forest	none	gentle	SE	20	30	45	5	light brown	moist-wet	12	17
A300706	429939	6112959	mixed forest	none	gentle	SW	25	30	40	5	grey-brown	wet	6	11
A300707	429934	6112858	coniferous forest	none	flat		15	45	35	5	brown	moist	8	13
A300708	429950	6112760	mixed forest	none	flat		15	30	50	5	brown	moist	15	20
A300709	429945	6112662	mixed forest	none	gentle	S	15	30	50	5	light brown	moist-wet	23	28
A300710	429936	6112601	mixed forest	none	flat		15	30	50	5	light brown	wet	17	22
A300711	430544	6112257	coniferous forest	near old road	moderate	N	25	5	65	5	orange-brown	dry-moist	17	22
A300712	430541	6112166	mixed forest	none	moderate	NE	15	15	65	5	orange-brown	dry	9	14
A300713	430553	6112067	mixed forest	none	moderate-steep	N	10	20	65	5	brown	dry-moist	11	16
A300714	430542	6111962	mixed forest	none	gentle	N	20	30	45	5	brown	moist	8	13
A300715	430349	6111966	mixed forest	none	gentle	N	10	15	70	5	brown	moist	8	13
A300716	430341	6112058	mixed forest	none	flat		15	25	55	5	light brown	moist-wet	48	53
A300717	430326	6112184	mixed forest	beside old road	gentle-moderate	NW	20	30	45	5	brown	dry-moist	7	12
A300718	430337	6112259	coniferous forest	none	moderate	N	25	30	40	5	brown	dry-moist	5	10
A300719	429736	6113861	mixed forest	no	flat		10	10	40	40	dark brown	wet-saturated	25	30
A300720	429735	6113757	mixed forest	no	flat		45	25	25	5	brown	wet-saturated	19	24
A300721	429735	6113663	mixed forest	no	flat		20	30	45	5	brown	saturated	27	32
A300722	429741	6113567	mixed forest	no	flat		20	35	40	5	grey-brown	wet	13	18
A300723	429745	6113461	mixed forest	no	flat		15	30	50	5	brown	moist	16	21
A300724	429751	6113366	mixed forest	no	gentle	W	15	40	40	5	light brown	saturated	18	23
A300725	429795	6113268	coniferous forest	no	gentle	SW	20	30	45	5	grey-brown	moist-wet	8	13
A300726	429745	6113163	coniferous forest	no	gentle	SW	10	40	50	0	light orange-brown	moist	13	18
A300727	429745	6113062	mixed forest	no	gentle	S	50	25	20	5	brown	moist-wet	18	23
A300728	429738	6112968	coniferous forest	no	gentle	W	20	25	35	20	brown to dark brown	saturated	28	33
A300729	429749	6112855	coniferous forest	no	gentle	W	20	25	50	5	brown	moist	11	16
A300730	429742	6112754	coniferous forest	no	gentle	W	15	40	40	5	brown	saturated	32	37
A300731	429733	6112678	coniferous forest	no	flat		50	25	20	5	orange-brown	moist	4	9
A300732	429740	6112557	coniferous forest	no	gentle	NW	20	30	45	5	orange-brown	moist-wet	15	20
A300733	431138	6113869	mixed forest	no	gentle-moderate	N	55	10	20	15	brown	moist	9	14
A300734	431131	6113758	coniferous forest	no	gentle-moderate	W	40	35	20	5	orange-brown	moist	11	16
A300735	431147	6113665	coniferous forest	no	gentle	W	15	20	60	5	brown	moist	15	20

Appendix 2

Sample	Easting	Northing	Landscape	Contamination	Slope	Direction	%Rock	%Sand	%Silt	%Organics	Colour	Moisture	From (cm)	To (cm)
A300736	431139	6113569	mixed forest	no	gentle	W	15	40	40	5	brown	moist	17	22
A300737	431141	6113457	mixed forest	no	gentle	SW	20	30	45	5	brown	moist	10	15
A300738	431147	6113363	mixed forest	no	gentle-moderate	W	20	30	45	5	brown	moist	8	13
A300739	431146	6113272	mixed forest	no	flat		25	40	30	5	orange-brown	moist	15	20
A300740	431141	6113161	mixed forest	no	flat		15	30	50	5	orange-brown	moist	13	18
A300741	431138	6113062	mixed forest	no	gentle	S	20	30	45	5	brown	dry-moist	18	23
A300742	431133	6112952	mixed forest	no	gentle	S	25	30	40	5	brown	moist	16	21
A300743	431148	6112860	mixed forest	no	moderate	SE	40	20	25	15	brown	moist	13	18
A300744	431159	6112761	mixed forest	no	moderate	S	30	20	40	10	brown to dark brown	moist	10	15
A300745	431137	6112672	mixed forest	no	gentle-moderate	SW	35	25	30	10	brown	moist	12	17
A300746	431144	6112582	mixed forest	no	moderate	S	15	30	50	5	light brown	moist	13	18
A300747	429535	6113871	mixed forest	no	flat		35	35	25	5	grey-brown	wet-saturated	13	18
A300748	429540	6113759	mixed forest	no	flat		35	35	25	5	grey-brown	saturated	7	12
A300749	429558	6113667	mixed forest	no	flat		30	40	25	5	grey-brown	wet-saturated	39	44
A300750	429530	6113569	mixed forest	no	flat		40	30	25	5	grey-brown	wet-saturated	13	18
A300751	429539	6113461	mixed forest	no	flat		35	30	30	5	grey-brown	wet-saturated	18	23
A300752	429542	6113368	mixed forest	no	flat		20	30	45	5	light brown	saturated	20	25
A300753	429542	6113256	coniferous forest	no	flat		15	40	40	5	orange-brown	moist	3	8
A300754	429542	6113168	mixed forest	no	gentle	W	15	35	45	5	light brown	wet	4	9
A300755	429536	6113065	mixed forest	no	gentle	SW	20	30	45	5	brown	wet	4	9
A300756	429529	6112977	mixed forest	no	gentle	S	15	20	40	25	dark brown	wet-saturated	20	25
A300757	429550	6112854	coniferous forest	no	gentle	SW	20	30	45	5	orange-brown	moist	10	15
A300758	429535	6112754	mixed forest	no	gentle	SW	20	30	45	5	brown	moist	11	16
A300759	429544	6112658	coniferous forest	no	gentle	N	25	30	40	5	brown	moist	5	10
A300760	429547	6112559	mixed forest	no	flat		40	30	20	5	brown	dry-moist	7	12
A300761	430925	6113860	mixed forest	no	gentle	SE	15	30	50	5	brown	moist	17	22
A300762	430937	6113755	mixed forest	no	flat		20	35	40	5	grey-brown	moist-wet	44	49
A300763	430940	6113660	mixed forest	no	gentle	S	15	35	45	5	brown	moist	12	17
A300764	430935	6113557	mixed forest	no	gentle	S	35	30	30	5	brown	moist	16	21
A300765	430942	6113362	mixed forest	no	gentle	W	10	10	55	25	dark grey	wet	36	41
A300766	430946	6113270	mixed forest	no	gentle	SW	15	25	55	5	brown	moist	13	18
A300767	430932	6113162	mixed forest	no	gentle	W	20	40	40	0	light brown	dry-moist	14	19
A300768	430943	6113068	mixed forest	no	gentle	W	30	35	30	5	brown	dry-moist	15	20
A300769	430943	6112965	mixed forest	no	gentle	S	30	35	30	5	brown	moist	11	16
A300770	430943	6112865	mixed forest	no	gentle	SW	25	30	40	5	orange-brown	moist	8	13
A300771	430947	6112778	mixed forest	no	moderate	S	35	30	30	5	light brown	dry-moist	14	19
A300772	430917	6112643	mixed forest	no	flat		20	25	50	5	brown	dry-moist	14	19
A300773	430936	6112564	mixed forest	no	flat		30	40	25	5	brown	dry-moist	13	18
A300774	429336	6113864	coniferous forest	no	flat		20	35	45	0	light orange-brown	wet	13	18
A300775	429336	6113763	mixed forest	no	flat		10	45	45	0	grey-brown	wet	16	21
A300776	429370	6113661	mixed forest	no	flat		0	0	50	50	black	wet-saturated	22	27
A300777	429350	6113555	coniferous forest	no	flat		20	40	35	5	grey-brown	wet	24	29
A300778	429343	6113466	coniferous forest	no	gentle	SW	40	25	30	5	grey	wet	20	25
A300779	429340	6113358	mixed forest	no	flat		30	25	40	5	grey-brown	wet	20	25
A300780	429338	6113267	mixed forest	no	flat		20	30	45	5	brown	moist-wet	13	18
A300781	429346	6113165	mixed forest	no	gentle	S	30	25	40	5	grey-brown	wet	14	19
A300782	429346	6113068	mixed forest	no	gentle	S	20	35	40	5	brown	wet	13	18
A300783	429347	6112952	coniferous forest	no	gentle	S	20	35	40	5	orange-brown	moist	19	24
A300784	429338	6112864	coniferous forest	no	flat		25	30	40	5	brown	moist	12	17
A300785	429343	6112766	coniferous forest	no	flat		30	35	30	5	brown	moist	7	12
A300786	429339	6112671	coniferous forest	no	gentle	N	30	35	35	0	orange-brown	dry	5	10
A300787	429341	6112559	coniferous forest	no	gentle-moderate	N	15	40	40	5	brown	moist	7	12
A300788	432170	6106239	coniferous forest	no	moderate-steep	NW	30	10	50	10	brown	moist	12	17
A300789	432208	6106254	coniferous forest	no	moderate-steep	N	25	20	50	5	brown	moist	13	18
A300790	432240	6106272	coniferous forest	no	gentle-moderate	NW	20	10	60	10	brown	moist	11	16
A300791	432289	6106291	coniferous forest	no	gentle	N	10	5	45	40	dark brown	moist-wet	38	43
A300792	432327	6106321	coniferous forest	no	moderate	SE	20	30	50	0	light brown	wet	49	54
A300793	432346	6106359	coniferous forest	no	gentle-moderate	NW	25	20	50	5	brown	moist	14	19

Appendix 2

Sample	Easting	Northing	Landscape	Contamination	Slope	Direction	%Rock	%Sand	%Silt	%Organics	Colour	Moisture	From (cm)	To (cm)
A300794	432378	6106407	coniferous forest	no	gentle-moderate	NW	20	25	50	5	brown	moist	19	24
A300795	432404	6106450	coniferous forest	no	gentle	NW	15	15	60	10	brown	moist	12	17
A300796	432412	6106497	coniferous forest	no	gentle	W	30	10	50	10	brown	moist	20	25
A300797	432431	6106544	coniferous forest	on	gentle-moderate	NW	30	30	40	0	brown	dry-moist	8	13
A300798	432445	6106597	coniferous forest	on	gentle-moderate	W	15	40	40	5	brown	moist	11	16
A300799	432449	6106646	coniferous forest	no	gentle	W	10	30	55	5	brown	moist	13	18
A300800	432466	6106688	coniferous forest	no	gentle-moderate	W	25	35	40	0	grey-brown	moist-wet	48	53
A300801	432479	6106742	coniferous forest	no	gentle	W	10	35	50	5	brown	moist-wet	23	28
A300802	432491	6106794	coniferous forest	no	gentle	W	20	30	45	5	brown	dry-moist	23	28
A300803	432496	6106841	coniferous forest	no	gentle	W	20	30	45	5	brown	moist	32	37
A300804	432502	6106893	coniferous forest	no	moderate	W	20	20	50	10	brown	moist	12	17
A300805	432506	6106939	coniferous forest	no	moderate	W	20	25	50	5	orange-brown	moist	13	18
A300806	432517	6106987	coniferous forest	no	gentle	W	25	40	35	6	light-brown	wet	28	33
A300807	432546	6107036	coniferous forest	no	gentle	NW	50	25	20	5	brown	moist-wet	20	75
A300808	432550	6107078	coniferous forest	no	gentle	W	20	30	45	5	orange-brown	moist	9	14
A300809	432583	6107182	coniferous forest	no	gentle	W	20	30	45	5	light-brown	moist	25	30
A300810	432583	6107226	coniferous forest	no	gentle	W	15	30	50	5	light- brown	moist	30	35
A300811	432574	6107270	coniferous forest	no	gentle	W	15	35	50	0	light orange-brown	dry-moist	11	16
A300812	432568	6107327	coniferous forest	no	gentle	W	15	30	50	5	orange-brown	moist	7	12
A300813	432554	6107380	coniferous forest	no	gentle	W	10	25	55	10	brown-dark brown	moist	13	18
A300814	432557	6107430	coniferous forest	no	gentle	W	20	35	45	6	orange-brown	moist	38	43
A300815	432116	6107794	coniferous forest	no	flat		20	30	45	5	orange-brown	dry	7	12
A300816	432139	6107754	coniferous forest	no	flat		10	30	55	5	orange-brown	dry	10	15
A300817	432178	6107723	coniferous forest	no	gentle	SW	20	30	50	0	orange-brown	moist	13	18
A300818	432214	6107696	coniferous forest	no	gentle	S	25	30	40	5	orange- brown	moist	13	18
A300819	432264	6107660	coniferous forest	no	gentle	S	25	20	50	5	orange-brown	dry	16	21
A300820	432317	6107655	coniferous forest	no	moderate	S	35	20	40	5	orange-brown	dry	22	27
A300821	432366	6107643	coniferous forest	no	moderate	S	30	25	40	5	orange-brown	dry-moist	10	15
A300822	432416	6107636	coniferous forest	no	gentle	SW	20	25	50	5	brown	moist	10	15
A300823	432457	6107599	coniferous forest	no	moderate	SW	15	25	55	5	light-brown	moist	7	12
A300824	432480	6107560	coniferous forest	no	moderate-steep	SW	25	25	45	5	orange-brown	moist	10	15
A300825	432506	6107524	coniferous forest	no	gentle	SW	15	25	55	5	brown	moist	12	17
A300826	432532	6107478	coniferous forest	no	gentle-moderate	SW	40	15	35	10	orange-brown	moist	28	33
A300827	430499	6107228	coniferous forest	no	flat		0	0	50	50	black	wet	20	25
A300828	430534	6107276	coniferous forest	no	flat		35	15	45	5	brown	saturated	33	35
A300829	430563	6107313	coniferous forest	no	gentle	NW	30	25	40	5	brown	moist-wet	19	24
A300830	430585	6107355	coniferous forest	no	gentle	NW	15	30	45	10	dark grey-brown	moist-wet	25	30
A300831	430631	6107383	coniferous forest	no	gentle	NW	15	35	45	5	dark grey-brown	wet	21	26
A300832	430670	6107411	coniferous forest	no	gentle	NW	10	25	60	5	grey-brown	wet	24	29
A300833	430723	6107420	coniferous forest	no	gentle	NW	25	30	45	0	light brown	moist-wet	51	56
A300834	430768	6107432	coniferous forest	no	gentle	NW	15	20	60	5	dark grey-brown	moist-wet	43	48
A300835	430818	6107466	coniferous forest	no	gentle	NW	30	30	35	5	grey-brown	saturated	29	34
A300836	430845	6107508	coniferous forest	no	gentle	NW	25	10	60	5	dark grey-brown	wet-saturated	30	35
A300837	430869	6107556	coniferous forest	no	gentle	NW	25	35	35	5	brown	wet	21	26
A300838	430911	6107578	coniferous forest	no	flat		35	35	25	5	brown	wet	51	56
A300839	430956	6107599	coniferous forest	no	gentle	W	25	30	40	5	light-brown	wet	42	47
A300840	430991	6107629	coniferous forest	no	gentle	W	35	35	25	5	brown	moist-wet	19	24
A300841	431023	6107672	coniferous forest	no	gentle-moderate	SW	20	35	40	5	brown	moist	18	23
A300842	431022	6107727	coniferous forest	no	flat		25	35	35	5	brown	moist-wet	38	43
A300843	430989	6107768	coniferous forest	no	gentle	W	55	35	25	5	light-brown	wet	44	49
A300844	430963	6107810	coniferous forest	no	gentle	W	15	40	40	5	brown	wet	30	35
A300845	430936	6107853	coniferous forest	no	gentle	W	20	35	40	5	brown	moist-wet	6	11
A300846	430927	6107901	coniferous forest	no	flat		35	30	30	5	brown	moist-wet	20	25
A300847	430925	6107957	coniferous forest	no	gentle	W	15	35	45	5	brown	moist-wet	17	22
A300848	430910	6108000	coniferous forest	no	gentle	W	15	30	50	5	light-brown	moist	10	15
A300849	430911	6108050	coniferous forest	no	gentle	W	15	35	40	10	brown	wet	11	16
A300850	430910	6108101	coniferous forest	no	flat		20	35	40	5	light brown	wet-saturated	26	31
A300851	430918	6108144	coniferous forest	no	flat		15	40	40	5	brown	moist	13	18

Appendix 2

Sample	Easting	Northing	Landscape	Contamination	Slope	Direction	%Rock	%Sand	%Silt	%Organics	Colour	Moisture	From (cm)	To (cm)
A300852	430919	6108206	coniferous forest	no	flat		10	35	50	5	orange-brown	dry-moist	9	14
A300853	429343	6111466	mixed forest	no	gentle	N	15	30	50	5	light-brown	dry-moist	9	14
A300854	429341	6111369	mixed forest	no	gentle	NW	15	30	50	5	light-brown	dry-moist	14	19
A300855	429332	6111269	mixed forest	no	gentle	W	20	30	45	5	brown	dry-moist	10	15
A300856	429339	6111160	mixed forest	no	gentle	W	15	30	50	5	brown	moist	8	13
A300857	429334	6111070	mixed forest	no	gentle	SW	15	30	50	5	light-brown	moist	10	15
A300858	429334	6110963	mixed forest	no	flat		20	35	40	5	light-brown	wet-saturated	9	14
A300859	429336	6110868	mixed forest	no	flat		20	30	45	5	light-brown	moist	7	12
A300860	429330	6110768	mixed forest	no	flat		25	30	45	0	light grey-brown	moist	19	24
A300861	429324	6110657	mixed forest	no	moderate	S	20	25	50	5	light grey-brown	moist	7	12
A300862	429534	6110656	coniferous forest	no	flat		35	30	30	5	orange-brown	moist	9	14
A300863	429531	6110765	coniferous forest	no	flat		10	40	50	0	light-brown	moist	19	24
A300864	429556	6110871	mixed forest	no	flat		45	25	25	0	grey-brown	saturated	54	59
A300865	429543	6110974	mixed forest	no	gentle	S	30	30	35	0	grey-brown	saturated	42	47
A300866	429537	6111064	mixed forest	no	gentle	S	25	24	50	0	light-brown	dry-moist	10	15
A300867	429543	6111160	mixed forest	no	gentle	S	20	20	55	5	brown	moist	14	19
A300868	429539	6111264	coniferous forest	no	flat		20	30	45	5	brown	dry-moist	8	13
A300869	429547	6111365	mixed forest	no	gentle	W	35	15	45	5	brown	moist	12	17
A300870	429534	6111461	mixed forest	no	gentle	NW	20	30	45	5	orange-brown	moist	10	15
A300871	429737	6111476	mixed forest	no	gentle	W	20	30	40	10	brown	moist	8	13
A300872	429737	6111363	mixed forest	no	flat		20	35	40	5	brown	moist	16	21
A300873	429730	6111251	mixed forest	no	gentle	S	25	30	35	10	brown	moist	17	22
A300874	429736	6111162	mixed forest	no	gentle	S	35	25	40	0	light-brown	saturated	37	42
A300875	429737	6111068	mixed forest	no	flat		35	25	40	0	light brown	dry-moist	29	34
A300876	429729	6110966	mixed forest	no	flat		35	30	35	0	light-brown	moist	32	37
A300877	429739	6110861	mixed forest	no	flat		20	40	35	5	brown	moist	9	14
A300878	429730	6110768	coniferous forest	no	flat		35	30	30	5	light-brown	wet-saturated	16	21
A300879	429737	6110658	coniferous forest	near old rd	flat		15	25	55	5	orange-brown	moist	7	12
A300880	429948	6110658	coniferous forest	no	flat		20	30	50	0	light-brown	moist	21	26
A300881	431341	6111463	mixed forest	no	gentle-moderate	N	25	10	55	0	brown	dry-moist	13	18
A300882	431335	6111362	mixed forest	no	gentle-moderate	NW	15	20	60	5	brown	moist	6	11
A300883	431318	6111266	mixed forest	no	gentle	W	15	25	55	5	grey-brown	dry-moist	9	14
A300884	431331	6111158	mixed forest	no	gentle	W	20	20	50	10	brown	moist	34	39
A300885	431340	6111061	mixed forest	no	gentle	W	30	30	35	5	brown	saturated	67	72
A300886	431336	6110954	coniferous forest	no	gentle	W	0	0	50	50	black	wet	30	35
A300887	431335	6110877	coniferous forest	no	gentle	NW	20	30	45	5	brown	saturated	52	57
A300888	431331	6110763	coniferous forest	no	gentle-moderate	N	15	35	45	5	brown	moist	49	54
A300889	431322	6110673	coniferous forest	no	moderate-steep	W	50	15	30	5	orange-brown	moist	18	23
A300890	431135	6110662	mixed forest	no	gentle-moderate	N	15	35	50	10	brown	dry-moist	7	12
A300891	431147	6110756	coniferous forest	no	gentle	NW	25	25	45	5	grey-brown	saturated	47	52
A300892	431142	6110863	coniferous forest	no	gentle	NW	0	0	50	50	black	wet	25	30
A300893	431130	6110964	mixed forest	no	gentle	NW	20	35	40	5	brown	saturated	47	52
A300894	431131	6111060	mixed forest	no	flat		30	35	35	0	brown	moist	20	25
A300895	430736	6111461	coniferous forest	no	flat		22	30	40	5	orange-brown	moist	14	19
A300896	430938	6110670	mixed forest	no	gentle	NW	15	35	40	5	grey-brown	dry-moist	19	24
A300897	430943	6110762	coniferous forest	no	gentle	NW	15	25	55	5	grey-brown	moist-wet	52	57
A300898	430947	6110857	mixed forest	no	gentle	W	15	35	50	0	light- brown	wet	47	52
A300899	430942	6110959	mixed forest	no	gentle	W	25	30	40	5	brown	moist	16	19
A300900	430946	6111068	mixed forest	no	gentle	NW	20	40	40	0	orange-brown	wet	38	43
A300901	430936	6111160	mixed forest	no	gentle	NW	25	35	35	5	orange-brown	dry-moist	16	21
A300902	430946	6111265	mixed forest	no	gentle-moderate	NW	25	35	35	5	brown	dry-moist	18	23
A300903	430940	6111363	mixed forest	no	flat		20	25	50	5	orange-brown	dry	12	17
A300904	431144	6111156	mixed forest	no	gentle-moderate	W	5	10	45	40	brown-dark brown	moist	23	28
A300905	431139	6111276	mixed forest	no	gentle	NW	25	30	35	10	brown	moist-wet	36	41
A300906	431135	6111386	mixed forest	no	flat		15	40	40	5	light-brown	moist-wet	16	21
A300907	431137	6111458	mixed forest	no	gentle-moderate	NW	15	40	40	5	orange-brown	dry	15	20
A300908	430941	6111456	mixed forest	no	gentle	N	35	30	35	0	orange-brown	moist-wet	23	28
A300909	430743	6111370	coniferous forest	no	flat		15	40	40	5	orange-brown	dry	13	18

Appendix 2

Sample	Easting	Northing	Landscape	Contamination	Slope	Direction	%Rock	%Sand	%Silt	%Organics	Colour	Moisture	From (cm)	To (cm)
A300910	430714	6111266	coniferous forest	no	flat		30	30	35	5	orange-brown	moist-wet	11	16
A300911	430736	6111154	mixed forest	no	gentle	W	25	40	30	5	brown	moist	9	14
A300912	430744	6111069	coniferous forest	no	flat		20	30	45	5	brown	dry-moist	17	22
A300913	430740	6110953	coniferous forest	no	gentle	W	15	25	55	5	orange-brown	dry	15	20
A300914	430764	6110860	mixed forest	no	gentle	W	30	25	30	5	light-brown	wet-saturated	43	48
A300915	430746	6110764	mixed forest	no	gentle	W	25	35	40	0	light-brown	wet	39	44
A300916	430749	6110668	coniferous forest	no	gentle-moderate	NW	30	30	35	5	brown	wet	9	14
A300917	430543	6110660	mixed forest	no	gentle	W	10	20	60	10	brown	dry-moist	17	22
A300918	430553	6110769	coniferous forest	no	flat		20	30	50	0	orange-brown	moist	31	39
A300919	430546	6110860	mixed forest	no	flat		15	30	50	5	orange-brown	dry-moist	11	16
A300920	430545	6110964	coniferous forest	no	flat		20	35	40	5	brown	wet-saturated	32	37
A300921	430551	6111062	coniferous forest	no	flat		30	30	35	5	brown	wet	12	17
A300922	430497	6111320	mixed forest	no	flat		10	35	5	5	brown	moist-wet	13	18
A300923	430537	6111360	mixed forest	no	flat		0	40	60	0	light-brown	moist	48	53
A300924	430538	6111475	mixed forest	no	flat		15	30	50	5	orange-brown	dry	21	26
A300925	430342	6111461	mixed forest	no	gentle	S	15	30	50	5	brown	moist	19	34
A300926	430342	6111365	mixed forest	no	flat		15	30	45	10	brown	moist	13	18
A300927	430340	6111273	mixed forest	no	gentle	S	20	30	45	5	brown	moist	12	17
A300928	430338	6111198	mixed forest	no	gentle	S	20	35	40	5	brown	moist	11	16
A300929	430349	6110959	coniferous forest	no	flat		25	30	40	5	orange-brown	moist	13	18
A300930	430345	6110859	mixed forest	no	flat		10	30	55	5	brown	moist-wet	13	18
A300931	430346	6110763	coniferous forest	no	flat		20	30	50	0	brown	moist-wet	34	39
A300932	430346	6110660	mixed forest	no	flat		15	40	45	0	brown	moist-wet	31	36
A300933	430143	6110668	coniferous forest	no	flat		25	35	40	0	dark- grey	wet-saturated	39	44
A300934	430142	6110766	coniferous forest	no	flat		25	35	35	5	brown	wet	32	37
A300935	430129	6110955	coniferous forest	no	flat		25	35	35	5	orange-brown	dry	8	13
A300936	430144	6111077	coniferous forest	no	flat		15	15	70	0	grey-brown	moist	47	52
A300937	429944	6110773	coniferous forest	no	flat		15	40	30	5	brown	moist-wet	29	34
A300938	429941	6110873	coniferous forest	near ol rd	flat		5	35	60	0	light-brown	moist	23	28
A300939	429944	6110970	coniferous forest	near ol rd	flat		10	35	55	0	light-brown	moist	19	24
A300940	429937	6111062	mixed forest	no	flat		20	25	50	5	orange-brown	dry	16	21
A300941	429940	6111164	mixed forest	no	gentle	S	20	25	50	5	orange-brown	dry	10	15
A300942	429945	6111264	mixed forest	no	gentle-moderate	S	20	25	50	5	brown	dry	14	19
A300943	429930	6111372	mixed forest	no	gentle	S	20	20	55	5	brown	moist	6	11
A300944	429945	6111466	coniferous forest	no	gentle-moderate	S	15	40	40	5	brown	dry	10	15
A300945	430146	6111467	mixed forest	no	gentle	SE	20	30	45	5	brown	dry-moist	7	12
A300946	430142	6111365	mixed forest	no	flat		15	30	50	5	brown	dry-moist	17	22
A300947	430137	6111264	mixed forest	no	gentle	S	15	30	50	5	orange-brown	dry	9	14
A300948	430144	6111168	mixed forest	no	gentle	S	20	25	50	5	brown	dry	8	13
A300949	431278	6107823	mixed forest	no	gentle	W	15	30	50	5	brown	dry	15	20
A300950	431265	6107878	coniferous forest	no	gentle	W	10	25	55	10	brown	moist	25	30
A300951	431261	6107921	coniferous forest	no	gentle	W	10	10	70	10	brown	moist	43	48
A300952	431235	6107977	coniferous forest	no	gentle	W	25	30	40	5	orange-brown	moist	49	54
A300953	431240	6108024	coniferous forest	no	gentle	W	25	5	65	5	dark-grey	wet	37	42
A300954	431216	6108071	coniferous forest	no	gentle	W	30	35	30	5	orange-brown	dry	23	28
A300955	431227	6108122	coniferous forest	no	flat		20	30	45	5	orange-brown	dry	26	31
A300956	431230	6108169	coniferous forest	no	gentle	W	30	40	25	5	orange-brown	dry	18	23
A300957	431227	6108216	coniferous forest	no	gentle	W	35	30	30	5	orange-brown	dry	18	23
A300958	430647	6107064	coniferous forest	no	gentle	W	20	10	60	10	brown	moist	48	53
A300959	430690	6107087	coniferous forest	no	gentle-moderate	NW	40	10	45	5	brown	moist	44	49
A300960	430731	6107115	mixed forest	no	gentle-moderate	NW	20	10	65	5	grey-brown	dry-moist	33	38
A300961	430777	6107133	coniferous forest	no	gentle-moderate	NW	25	20	50	5	brown	dry-moist	38	43
A300962	430814	6107159	coniferous forest	no	gentle-moderate	W	15	15	65	5	brown	dry-moist	34	39
A300963	430860	6107185	coniferous forest	no	gentle	NW	20	10	65	5	brown	moist	25	30
A300964	430902	6107201	coniferous forest	no	gentle	W	25	25	45	5	light	dry-moist	28	33
A300965	430948	6107220	coniferous forest	no	gentle	W	25	20	50	5	light-brown	dry-moist	24	29
A300966	431004	6107232	coniferous forest	no	gentle	NW	25	20	50	5	brown	moist	34	39
A300967	431045	6107248	coniferous forest	no	gentle	NW	20	30	45	5	light-brown	dry-moist	31	36

Appendix 2

Sample	Easting	Northing	Landscape	Contamination	Slope	Direction	%Rock	%Sand	%Silt	%Organics	Colour	Moisture	From (cm)	To (cm)
A300968	431100	6107263	coniferous forest	no	gentle-moderate	W	25	20	50	5	brown	dry-moist	10	15
A300969	431150	6107260	coniferous forest	no	flat		20	15	65	0	light-grey-brown	dry	22	27
A300970	431192	6107274	coniferous forest	no	gentle	N	25	10	60	5	brown	moist	50	55
A300971	431245	6107273	coniferous forest	no	gentle	N	20	15	60	5	dark-brown	dry-moist	18	23
A300972	431294	6107287	coniferous forest	no	gentle	N	20	20	55	5	brown	moist	4	9
A300973	431357	6107305	coniferous forest	no	flat		15	40	45	0	light-brown	moist-wet	46	51
A300974	431396	6107318	coniferous forest	no	flat		15	40	40	5	orange-brown	dry	12	17
A300975	431438	6107320	coniferous forest	no	gentle	N	30	40	30	0	orange-brown	dry	16	21
A300976	431452	6107366	coniferous forest	no	gentle	S	20	30	45	5	light-brown	moist	37	42
A300977	431440	6107411	coniferous forest	no	gentle	W	40	25	25	10	dark-brown	wet	46	51
A300978	431424	6107457	coniferous forest	no	gentle	W	25	30	40	5	light-brown	moist-wet	40	45
A300979	431405	6107502	coniferous forest	no	gentle	W	20	30	45	5	light-brown	moist-wet	73	78
A300980	431386	6107544	coniferous forest	no	gentle	W	20	20	50	10	brown	moist	18	23
A300981	431372	6107591	coniferous forest	no	gentle	W	20	30	45	5	brown	moist	20	25
A300982	431343	6107638	coniferous forest	no	gentle	W	15	45	35	5	orange-brown	dry	18	23
A300983	431325	6107693	coniferous forest	no	flat		35	30	30	5	brown	wet-saturated	43	48
A300984	431301	6107737	coniferous forest	no	gentle	W	15	30	45	10	brown	moist	18	23
A300985	431286	6107778	coniferous forest	no	gentle	SW	20	25	50	5	brown	moist	13	18
A300986	431381	6106694	coniferous forest	no	gentle	W	15	15	65	10	brown	dry-moist	11	16
A300987	431420	6106717	coniferous forest	no	gentle	W	10	15	70	5	light grey-brown	moist	29	34
A300988	431468	6106738	coniferous forest	no	gentle	NW	20	20	55	5	light brown	moist	50	55
A300989	431506	6106766	coniferous forest	no	gentle	NW	20	10	65	5	light brown	moist	48	53
A300990	431560	6106786	coniferous forest	no	gentle-moderate	NW	20	10	65	5	light brown	dry-moist	20	25
A300991	431594	6106813	coniferous forest	no	gentle-moderate	NW	20	25	50	5	brown	dry	30	35
A300992	431650	6106820	coniferous forest	no	gentle-moderate	NW	15	15	65	5	brown	dry-moist	17	22
A300993	431697	6106824	coniferous forest	no	gentle-moderate	N	20	15	60	5	orange-brown	dry-moist	18	23
A300994	431741	6106826	coniferous forest	no	gentle	N	20	30	45	5	orange-brown	moist	28	33
A300995	431791	6106829	coniferous forest	no	gentle	N	15	30	45	10	dark orange-brown	moist	19	24
A300996	431840	6106825	coniferous forest	no	gentle	N	35	20	35	10	brown to dark brown	moist-wet	7	12
A300997	431891	6106820	coniferous forest	no	gentle	N	25	15	55	5	grey	moist	21	26
A300998	431935	6106848	coniferous forest	no	gentle	NW	15	40	45	0	light brown	moist	42	47
A300999	431828	6107517	coniferous forest	no	gentle	S	25	35	40	0	light brown	wet	41	46
A301000	431799	6107560	coniferous forest	no	gentle	SW	10	20	70	0	light brown	moist	50	55
A258001	431774	6107602	coniferous forest	no	gentle	SW	15	30	55	0	light brown	moist-wet	44	49
A258002	431746	6107646	coniferous forest	no	gentle	SW	20	10	65	5	brown	moist-wet	50	55
A258003	431729	6107693	coniferous forest	no	gentle	W	15	10	70	5	grey-brown	dry-moist	29	34
A258004	431707	6107736	coniferous forest	no	gentle	W	25	30	45	0	light brown	moist	29	34
A258005	431693	6107785	coniferous forest	no	gentle	W	25	25	45	5	brown	moist-wet	44	49
A258006	431670	6107820	coniferous forest	no	gentle	SW	10	10	75	5	brown	moist	36	41
A258007	431634	6107864	coniferous forest	no	gentle	SW	15	10	65	10	brown	moist	32	37
A258008	431622	6107904	coniferous forest	no	gentle	SW	15	30	50	5	brown	dry	19	24
A258009	431612	6107965	coniferous forest	no	gentle	W	15	30	50	5	orange-brown	dry-moist	17	22
A258010	431599	6108003	coniferous forest	no	gentle	SW	15	30	50	5	orange-brown	dry	23	28
A258011	431590	6108060	coniferous forest	no	gentle	W	15	30	50	5	orange-brown	dry	10	15
A258012	431568	6108098	coniferous forest	no	gentle	W	30	30	35	5	orange-brown	dry	8	13
A258013	431996	6106931	coniferous forest	no	gentle	SW	20	10	65	5	brown	moist	21	26
A258014	431999	6106987	coniferous forest	no	gentle	W	5	5	75	15	dark grey-brown	wet	19	24
A258015	432000	6107039	coniferous forest	no	gentle	W	10	20	60	10	dark grey-brown	wet	23	28
A258016	432003	6107077	coniferous forest	no	gentle	W	5	20	65	10	brown to dark brown	wet	22	27
A258017	432003	6107137	coniferous forest	no	gentle	W	30	30	35	5	brown	moist	42	47
A258018	432004	6107185	coniferous forest	no	gentle	SW	15	10	70	5	brown	moist	8	13
A258019	432005	6107231	coniferous forest	no	moderate	W	15	30	50	5	orange-brown	dry	15	20
A258020	432004	6107281	coniferous forest	no	gentle	W	30	30	35	5	grey-brown	wet-saturated	40	45
A258021	431991	6107324	coniferous forest	no	gentle	W	20	40	40	0	light orange-brown	moist-wet	40	45
A258022	431962	6107369	coniferous forest	no	flat		20	35	40	5	light brown	moist	48	53
A258023	431935	6107406	coniferous forest	no	gentle	SW	20	35	45	0	light brown	moist	37	42
A258024	431904	6107451	coniferous forest	no	gentle	W	20	30	45	5	light brown	moist	45	50
A258025	431866	6107479	coniferous forest	no	gentle	SW	15	10	70	5	brown	moist-wet	46	51

Appendix 2

Sample	Easting	Northing	Landscape	Contamination	Slope	Direction	%Rock	%Sand	%Silt	%Organics	Colour	Moisture	From (cm)	To (cm)
A258026	431519	6112087	coniferous forest	no	gentle-moderate	S	40	30	30	0	orange-brown	dry	10	15
A258027	431529	6112162	mixed forest	no	gentle	S	15	35	45	5	orange-brown	dry	12	17
A258028	431533	6112260	mixed forest	no	moderate-steep	S	20	30	45	5	orange-brown	dry	11	16
A258029	431531	6112362	mixed forest	no	steep	S	35	30	30	5	light orange-brown	dry	10	15
A258030	431529	6112459	mixed forest	no	flat		25	25	45	5	orange-brown	dry	15	20
A258031	431732	6112454	mixed forest	no	steep	S	40	30	30	0	light brown	dry	9	14
A258032	431735	6112364	mixed forest	no	steep	S	25	30	40	5	brown	dry	11	16
A258033	431733	6112263	mixed forest	no	moderate	S	25	30	40	5	light orange-brown	dry	15	20
A258034	431731	6112162	coniferous forest	no	flat		25	30	40	5	orange-brown	dry	12	17
A258035	432335	6113854	coniferous forest	no	flat		20	30	50	0	orange-brown	dry	17	22
A258036	432328	6113764	coniferous forest	no	moderate-steep	W	20	30	50	0	orange-brown	dry	12	17
A258037	432322	6113656	mixed forest	no	gentle	S	15	35	50	0	orange-brown	dry	9	14
A258038	432332	6113550	mixed forest	no	gentle	S	15	30	55	0	orange-brown	dry	12	17
A258039	432323	6113455	mixed forest	no	gentle-moderate	S	20	30	50	0	light brown	dry	8	13
A258040	432337	6113362	mixed forest	no	gentle	SE	20	30	45	5	brown	dry	10	15
A258041	432332	6113262	coniferous forest	no	gentle-moderate	S	15	30	50	5	orange-brown	dry	14	19
A258042	432329	6113158	mixed forest	no	moderate	N	35	25	35	5	orange-brown	dry	13	18
A258043	432337	6113056	mixed forest	no	moderate-steep	NE	30	20	45	5	brown	dry	13	18
A258044	432342	6112966	mixed forest	no	gentle	S	30	20	50	0	orange-brown	dry	19	24
A258045	432331	6112857	mixed forest	no	gentle-moderate	SE	20	20	50	10	brown	dry-moist	12	17
A258046	432338	6112759	mixed forest	no	gentle-moderate	S	20	25	50	5	brown	dry	22	27
A258047	432330	6112654	mixed forest	no	moderate	NE	40	25	35	0	light brown	dry	7	12
A258048	432330	6112562	mixed forest	no	gentle	E	25	20	50	5	brown	dry	13	18
A258049	432131	6113860	coniferous forest	no	moderate	NW	10	30	60	0	orange-brown	dry	11	16
A258050	432133	6113762	coniferous forest	no	moderate	NE	25	30	40	5	orange-brown	dry	15	20
A258051	432124	6113664	mixed forest	no	moderate-steep	NE	10	30	60	0	orange-brown	dry	7	12
A258052	432129	6113566	coniferous forest	no	moderate	SE	20	30	50	0	orange-brown	dry	9	14
A258053	432136	6113462	mixed forest	no	gentle-moderate	SE	15	30	55	0	orange-brown	dry	9	14
A258054	432128	6113349	mixed forest	no	flat		15	40	40	5	orange-brown	dry	8	13
A258055	432145	6113248	coniferous forest	no	flat		20	20	55	5	orange-brown	dry-moist	11	16
A258056	432126	6113165	coniferous forest	no	moderate	N	15	35	50	0	orange-brown	dry	11	16
A258057	432129	6113058	mixed forest	no	gentle-moderate	E	30	20	50	0	orange-brown	dry	10	15
A258058	432144	6112864	mixed forest	no	moderate	S	35	30	35	0	orange-brown	dry	6	11
A258059	432134	6112761	mixed forest	no	moderate	SE	35	15	45	5	orange-brown	dry	17	22
A258060	432145	6112645	mixed forest	no	moderate-steep	S	35	25	35	5	light brown	dry	11	16
A258061	432125	6112564	mixed forest	no	moderate	SE	25	25	45	5	orange-brown	dry	15	20
A258062	431921	6111912	mixed forest	no	moderate	N	25	30	45	0	light brown	dry	10	15
A258063	431931	6111861	coniferous forest	no	moderate	N	20	30	50	0	orange-brown	dry	13	18
A258064	431936	6111757	coniferous forest	no	steep	NW	30	30	35	5	light brown	dry	10	15
A258065	431910	6111648	coniferous forest	no	steep	NW	40	25	30	5	light brown	dry	13	18
A258066	431936	6111568	mixed forest	no	moderate	NW	25	30	40	5	orange-brown	dry	6	11
A258067	431737	6111553	mixed forest	no	steep	NW	25	25	45	5	orange-brown	dry	8	13
A258068	431733	6111663	mixed forest	no	moderate	NW	5	25	60	10	brown	dry-moist	9	14
A258069	431743	6111759	coniferous forest	no	moderate	NW	25	20	50	5	orange-brown	dry	11	16
A258070	431739	6111819	coniferous forest	no	gentle	NW	20	15	60	5	orange-brown	dry	13	18
A258071	431541	6111549	mixed forest	no	steep	NW	30	25	40	5	orange-brown	dry	6	11
A258072	431527	6111666	mixed forest	no	moderate	NW	35	20	40	5	light orange-brown	dry	15	20
A258073	431524	6111755	mixed forest	no	moderate-steep	NW	15	25	50	10	brown	moist	19	24
A258074	431926	6113851	mixed forest	no	moderate	NE	20	30	50	0	light orange-brown	dry	16	21
A258075	431925	6113748	mixed forest	no	gentle-moderate	SE	20	25	50	5	brown	dry	5	10
A258076	431927	6113660	coniferous forest	no	gentle	S	20	20	60	0	orange-brown	dry	20	25
A258077	431932	6113568	mixed forest	no	moderate	S	15	15	65	5	grey-brown	dry	5	10
A258078	431931	6113459	coniferous forest	no	flat		15	15	70	0	orange-brown	dry	12	17
A258079	431931	6113358	coniferous forest	no	gentle-moderate	NE	15	15	60	10	brown	moist	5	10
A258080	431937	6113265	coniferous forest	no	moderate	NE	20	15	65	0	light orange-brown	dry	20	25
A258081	431930	6113155	mixed forest	no	moderate	E	20	15	65	0	light orange-brown	dry	10	15
A258082	431924	6113057	mixed forest	no	moderate	E	30	20	50	0	light orange-brown	dry	12	17
A258083	431935	6112953	mixed forest	no	gentle-moderate	E	20	25	50	5	orange-brown	dry	13	18

Appendix 2

Sample	Easting	Northing	Landscape	Contamination	Slope	Direction	%Rock	%Sand	%Silt	%Organics	Colour	Moisture	From (cm)	To (cm)
A258084	431945	6112867	mixed forest	no	steep	E	25	25	45	5	light orange-brown	dry	7	12
A258085	431937	6112752	mixed forest	no	moderate	SE	30	25	40	5	light brown	dry	5	10
A258086	431924	6112659	mixed forest	no	gentle	S	20	30	50	0	orange-brown	dry	9	14
A258087	431936	6112552	mixed forest	no	gentle	S	30	30	35	5	orange-brown	dry-moist	9	14
A258088	431947	6112458	mixed forest	no	steep	S	35	20	40	5	brown	dry-moist	5	10
A258089	431932	6112356	mixed forest	no	steep	S	40	20	35	5	brown	dry-moist	7	12
A258090	431940	6112254	mixed forest	no	moderate	S	35	25	35	5	brown	dry-moist	13	18
A258091	431929	6112174	mixed forest	no	flat		5	25	65	5	brown	moist	14	19
A258092	432129	6112262	mixed forest	no	moderate	S	40	20	35	5	brown	dry-moist	12	17
A258093	432136	6112366	mixed forest	no	steep	S	40	20	35	5	light brown	dry	14	19
A258094	432138	6112466	mixed forest	no	gentle-moderate	SE	25	25	55	5	orange-brown	dry	13	18
A258095	432331	6112450	mixed forest	no	flat		15	15	65	5	orange-brown	dry-moist	13	18
A258096	432327	6112342	mixed forest	no	steep	S	30	30	35	5	light brown	dry	6	11
A258097	432335	6112237	mixed forest	no	moderate	S	25	30	40	5	orange-brown	dry	9	14
A258098	431530	6113863	mixed forest	no	gentle	W	5	10	75	10	brown	dry	7	12
A258099	431526	6113765	mixed forest	no	gentle	E	5	10	80	5	orange-brown	moist	15	20
A258100	431528	6113661	mixed forest	no	flat		15	25	60	0	orange-brown	dry-moist	13	18
A258101	431537	6113570	coniferous forest	no	flat		15	5	75	5	orange-brown	moist	14	19
A258102	431524	6113456	coniferous forest	no	gentle	N	10	20	65	5	orange-brown	moist	15	20
A258103	431534	6113364	mixed forest	no	gentle-moderate	S	35	25	35	5	orange-brown	dry-moist	9	14
A258104	431531	6113261	coniferous forest	no	gentle	S	25	30	40	5	orange-brown	dry	9	14
A258105	431528	6113170	mixed forest	no	gentle	NW	25	10	60	5	light brown	dry	8	13
A258106	431517	6113063	mixed forest	no	flat		5	10	75	10	brown	moist	22	27
A258107	431521	6112964	mixed forest	no	gentle	SW	20	30	45	5	brown	dry-moist	9	14
A258108	431533	6112868	mixed forest	no	gentle	SW	20	35	40	5	brown	dry	11	16
A258109	431534	6112768	mixed forest	no	gentle	S	5	0	50	45	dark brown	moist	12	17
A258110	431534	6112674	mixed forest	no	gentle	SW	20	30	45	5	brown	dry-moist	5	10
A258111	431526	6112569	mixed forest	no	gentle	SW	25	20	50	5	brown	dry	8	13
A258112	431739	6113856	coniferous forest	no	gentle	S	20	15	65	0	orange-brown	dry-moist	7	12
A258113	431732	6113752	coniferous forest	no	gentle	S	20	15	65	0	orange-brown	dry-moist	9	14
A258114	431740	6113656	mixed forest	no	gentle	S	35	30	30	5	grey-brown	dry-moist	25	30
A258115	431744	6113463	coniferous forest	no	gentle	S	30	25	45	0	orange-brown	dry-moist	9	14
A258116	431735	6113353	coniferous forest	no	gentle	N	15	15	65	5	orange-brown	moist	16	21
A258117	431736	6113257	mixed forest	no	moderate	N	35	30	30	5	light brown	dry	7	12
A258118	431734	6113158	mixed forest	no	gentle	E	20	30	50	0	light brown	dry	7	12
A258119	431730	6113070	mixed forest	no	moderate	W	20	20	60	0	orange-brown	dry-moist	13	18
A258120	431736	6112948	mixed forest	no	gentle-moderate	W	20	15	65	0	light brown	dry	10	15
A258121	431735	6112874	mixed forest	no	gentle-moderate	S	35	25	35	5	brown	dry-moist	19	24
A258122	431722	6112764	mixed forest	no	gentle	SW	15	20	60	5	light brown	dry	5	10
A258123	431709	6112659	mixed forest	no	gentle-moderate	W	25	15	55	5	light brown	dry	10	15
A258124	431725	6112577	mixed forest	no	moderate	S	25	20	50	5	light brown	dry	7	12
A258125	437660	6097017	coniferous forest	no	moderate	SE	20	15	60	5	light brown	moist	7	12
A258126	437682	6097066	coniferous forest	no	moderate	E	25	15	55	5	orange-brown	dry	18	23
A258127	437695	6097114	coniferous forest	no	gentle-moderate	E	20	15	60	5	brown	moist	9	14
A258128	437718	6097164	coniferous forest	no	moderate	E	15	20	60	5	orange-brown	dry-moist	8	13
A258129	437736	6097214	coniferous forest	no	moderate	E	10	10	70	10	brown	moist	9	14
A258130	437751	6097271	coniferous forest	no	gentle	E	10	25	60	5	orange-brown	dry-moist	9	14
A258131	437785	6097312	coniferous forest	no	gentle	E	20	15	60	5	brown	moist	16	21
A258132	437809	6097356	coniferous forest	no	gentle	SE	30	10	50	10	brown	dry-moist	9	14
A258133	437835	6097402	coniferous forest	no	gentle	SE	10	25	60	5	orange-brown	moist	6	11
A258134	437861	6097450	coniferous forest	no	gentle	SW	65	20	10	5	red-brown	dry	7	12
A258135	437885	6097500	coniferous forest	no	moderate	E	30	30	35	5	orange-brown	dry-moist	7	12
A258136	437911	6097549	coniferous forest	no	moderate	SE	50	15	35	0	orange-brown	dry	11	16
A258137	437951	6097585	coniferous forest	no	moderate	SE	20	30	45	5	orange-brown	dry	11	16
A258138	437962	6097626	coniferous forest	no	moderate	SE	35	30	30	5	brown	dry	9	14
A258139	438591	6097456	coniferous forest	no	moderate	SE	30	20	45	5	brown	moist	4	9
A258140	438609	6097508	coniferous forest	no	gentle	SE	20	30	40	10	brown	dry	9	14
A258141	438628	6097557	coniferous forest	no	moderate	SE	25	15	55	5	brown	moist	6	11

Appendix 2

Sample	Easting	Northing	Landscape	Contamination	Slope	Direction	%Rock	%Sand	%Silt	%Organics	Colour	Moisture	From (cm)	To (cm)
A258142	438665	6097614	coniferous forest	no	gentle	SE	25	10	65	0	grey-brown	dry-moist	11	16
A258143	438677	6097667	coniferous forest	no	moderate	SE	25	15	55	5	brown	moist	6	11
A258144	438695	6097729	coniferous forest	no	gentle	SE	25	25	45	5	brown	moist	6	11
A258145	438705	6097790	coniferous forest	no	gentle	SE	15	15	65	5	orange-brown	dry-moist	5	10
A258146	438724	6097845	coniferous forest	no	flat		45	20	30	5	brown	moist	5	10
A258147	438735	6097905	coniferous forest	no	moderate	E	35	25	35	5	orange-brown	moist	9	14
A258148	438747	6097959	coniferous forest	no	moderate	E	35	15	45	5	brown	dry-moist	8	13
A258149	438764	6098015	coniferous forest	no	moderate	E	30	25	40	5	brown	dry	7	12
A258150	438786	6098089	coniferous forest	no	moderate	E	20	20	55	5	orange-brown	dry	10	15
A258151	438799	6098143	coniferous forest	no	gentle	E	10	10	70	10	brown	moist	6	11
A258152	438811	6098210	coniferous forest	no	moderate	E	25	25	35	5	brown	dry	6	11
A258153	438830	6098266	coniferous forest	no	gentle-moderate	E	25	35	35	5	brown	dry	7	12
A258154	438844	6098318	coniferous forest	no	gentle	E	25	40	30	5	brown	dry-moist	7	12
A258155	436063	6097359	coniferous forest	no	moderate	NW	15	20	55	10	brown	moist	4	9
A258156	436071	6097423	coniferous forest	no	moderate	NE	15	15	65	5	brown	dry-moist	6	11
A258157	436102	6097492	coniferous forest	no	moderate	W	20	20	50	10	brown	moist	5	10
A258158	436125	6097550	coniferous forest	no	gentle	W	15	10	70	5	brown	moist	7	12
A258159	436108	6097600	coniferous forest	no	gentle	W	15	10	65	10	orange-brown	moist	20	25
A258160	436092	6097667	coniferous forest	no	gentle	SW	5	0	45	50	black	wet	8	13
A258161	436063	6097718	coniferous forest	no	gentle	SW	15	20	60	5	light brown	moist	5	10
A258162	436044	6097777	coniferous forest	no	gentle	SW	10	5	70	15	dark brown	moist	10	15
A258163	436017	6097826	coniferous forest	no	gentle	SW	5	5	80	10	dark brown	moist	11	16
A258164	435987	6097872	coniferous forest	no	moderate	S	25	20	50	5	brown	dry-moist	8	13
A258165	435952	6097912	coniferous forest	no	gentle-moderate	S	15	30	50	5	orange-brown	dry-moist	12	17
A258166	435917	6097960	coniferous forest	no	moderate	SW	25	20	50	5	orange-brown	dry-moist	5	10
A258167	435900	6098017	coniferous forest	no	gentle	W	30	20	45	5	orange-brown	moist	12	17
A258168	435882	6098068	coniferous forest	no	moderate	W	30	25	40	5	orange-brown	moist	22	27
A258169	438339	6096770	coniferous forest	no	moderate	E	25	30	40	5	light brown	dry	8	12
A258170	438358	6096829	coniferous forest	no	gentle	E	20	30	45	5	brown	dry-moist	6	11
A258171	438374	6096889	coniferous forest	no	gentle	SW	15	20	60	5	orange-brown	moist	9	14
A258172	438386	6096947	coniferous forest	no	gentle	SE	20	35	40	5	orange-brown	dry	9	14
A258173	438398	6097025	coniferous forest	no	flat		15	15	60	10	dark brown	moist-wet	10	15
A258174	438406	6097079	coniferous forest	no	gentle	SE	20	10	65	5	brown	moist	8	13
A258175	438424	6097131	coniferous forest	no	moist	N	15	20	60	5	brown	dry-moist	10	15
A258176	438459	6097185	coniferous forest	no	gentle	W	25	15	55	5	light brown	dry	10	15
A258177	438493	6097242	coniferous forest	no	gentle	SE	25	30	40	5	light brown	dry	8	13
A258178	438522	6097281	coniferous forest	no	gentle-moderate	SE	10	20	60	10	brown	dry-moist	7	12
A258179	438554	6097322	coniferous forest	no	gentle-moderate	E	15	20	50	15	dark brown	dry-moist	7	12
A258180	438583	6097405	coniferous forest	no	flat		20	25	50	5	light brown	dry	5	10
A258181	435837	6098116	coniferous forest	no	gentle	W	10	10	70	10	brown to dark brown	wet	31	36
A258182	435818	6098167	coniferous forest	no	flat		20	15	60	5	brown	moist	16	21
A258183	435801	6098218	coniferous forest	no	gentle	W	10	25	60	5	orange-brown	dry-moist	14	19
A258184	435783	6098270	coniferous forest	no	gentle	W	10	10	70	10	brown	moist	9	14
A258185	435765	6098322	coniferous forest	no	gentle	W	10	5	75	10	brown	moist	7	12
A258186	435748	6098374	coniferous forest	no	gentle	W	15	20	60	5	orange-brown	moist	14	19
A258187	435733	6098425	coniferous forest	no	gentle	SW	20	20	55	5	orange-brown	moist	14	19
A258188	435716	6098476	coniferous forest	no	gentle	W	15	30	50	5	orange-brown	dry	13	18
A258189	435703	6098531	coniferous forest	no	gentle	W	15	25	55	5	orange-brown	dry-moist	9	14
A258190	435675	6098579	coniferous forest	no	gentle	W	15	10	65	10	brown	moist	13	18
A258191	435648	6098627	coniferous forest	no	gentle	NW	20	30	45	5	brown	dry-moist	12	17
A258192	435622	6098677	coniferous forest	no	gentle	W	20	30	45	5	light brown	dry	8	12
A258193	435603	6098725	coniferous forest	no	gentle	W	5	5	70	20	brown	moist	13	18
A258194	435583	6098775	coniferous forest	no	gentle	SW	15	10	65	10	orange-brown	moist	14	19
A258195	432332	6111758	mixed forest	no	steep	N	20	10	65	5	orange-brown	dry-moist	23	28
A258196	432332	6111657	mixed forest	no	steep	N	25	30	40	5	orange-brown	dry	9	14
A258197	432338	6111553	mixed forest	no	gentle-moderate	E	15	20	60	5	orange-brown	dry	8	13
A258198	432141	6111558	coniferous forest	no	moderate	N	20	20	55	5	light orange-brown	dry	4	9
A258199	432138	6111652	mixed forest	no	moderate	N	25	35	35	5	light brown	dry	7	12

Appendix 2

Sample	Easting	Northing	Landscape	Contamination	Slope	Direction	%Rock	%Sand	%Silt	%Organics	Colour	Moisture	From (cm)	To (cm)
A258200	432129	6111756	mixed forest	no	steep	N	20	10	65	5	brown	dry	15	20
A258201	432134	6111959	coniferous forest	no	gentle	N	35	25	35	5	orange-brown	dry	4	9
A258202	432337	6112062	coniferous forest	no	gentle	N	35	30	30	5	light brown	dry	5	10
A258203	432320	6111958	coniferous forest	no	gentle	N	25	30	40	5	light orange-brown	dry	6	11
A257501	430428	6111857	mixed forest	none	flat		20	20	55	5	brown	dry	8	13
A257502	430431	6111910	mixed forest	near old road	gentle	E	20	25	50	5	red-brown	moist	9	14
A257503	430430	6111956	coniferous forest	none	gentle-moderate	NE	15	20	60	5	light brown	dry-moist	7	12
A257504	430481	6111960	mixed forest	none	gentle	N	15	20	60	5	brown	moist	10	15
A257505	430480	6111911	mixed forest	none	gentle	N	15	30	50	5	red-brown	dry-moist	8	13
A257506	430480	6111862	mixed forest	none	flat		15	10	55	10	brown	moist	15	20
A257507	430483	6111811	mixed forest	none	flat		15	15	60	10	brown	moist	11	16
A257508	430480	6111760	mixed forest	none	gentle	S	15	30	50	5	brown	moist	6	11
A257509	430481	6111710	mixed forest	none	flat		15	15	65	5	brown	moist	12	17
A257510	430482	6111663	mixed forest	none	gentle	S	25	25	45	5	brown	moist	13	18
A257511	430437	6111659	mixed forest	none	gentle	SW	15	20	60	5	brown	dry-moist	10	15
A257512	430427	6111710	mixed forest	none	flat		20	10	60	10	brown	moist	12	17
A257513	430433	6111758	mixed forest	none	flat		15	20	60	5	brown	dry-moist	9	14
A257514	430429	6111806	mixed forest	none	flat		15	10	65	10	brown	moist	11	16
A257515	430383	6111810	mixed forest	none	flat		20	30	45	5	brown	dry-moist	12	17
A257516	430384	6111857	mixed forest	none	flat		20	35	40	5	brown	dry-moist	6	11
A257517	430381	6111908	mixed forest	none	gentle	N	15	25	55	5	brown	dry-moist	18	23
A257518	430383	6111960	mixed forest	none	gentle	S	25	35	35	5	brown	dry	6	11
A257519	430332	6111910	mixed forest	none	gentle	N	10	20	65	5	brown	moist	10	15
A257520	430331	6111805	mixed forest	none	flat		15	20	60	5	brown	dry-moist	4	9
A257521	429979	6111157	mixed forest	none	gentle	S	15	25	55	5	red-brown	dry-moist	14	19
A257522	429979	6111211	mixed forest	none	gentle	S	10	15	70	5	brown	dry-moist	5	10
A257523	429983	6111261	mixed forest	none	gentle	S	15	25	50	10	brown	dry-moist	10	15
A257524	429985	6111310	mixed forest	none	gentle	SW	15	25	55	5	brown	dry-moist	11	16
A257525	429982	6111360	mixed forest	none	gentle	S	20	25	50	5	brown	dry-moist	11	16
A257526	429984	6111414	mixed forest	none	gentle	S	15	15	65	5	brown	dry-moist	7	12
A257527	429981	6111461	coniferous forest	none	gentle	SW	15	30	50	5	red-brown	dry-moist	5	10
A257528	429982	6111507	coniferous forest	none	flat		30	35	30	5	brown	dry-moist	8	13
A257529	429984	6111560	mixed forest	none	gentle	N	10	30	55	5	brown	dry-moist	8	13
A257530	429980	6111606	mixed forest	none	flat		15	20	60	5	brown	dry-moist	6	11
A257531	430033	6111613	mixed forest	none	gentle	NW	20	35	40	5	brown	dry-moist	10	15
A257532	430030	6111560	mixed forest	none	gentle	N	25	35	35	5	brown	dry	5	10
A257533	430032	6111512	mixed forest	none	gentle	E	20	35	40	5	brown	dry	11	16
A257534	430035	6111460	mixed forest	none	flat		20	25	50	5	brown	dry-moist	13	18
A257535	430031	6111409	mixed forest	none	moderate	S	20	30	45	5	orange-brown	dry-moist	9	14
A257536	430030	6111361	mixed forest	none	flat		15	30	50	5	orange-brown	dry	11	16
A257537	430033	6111308	mixed forest	none	gentle	SW	10	15	70	5	brown	moist	9	14
A257538	430182	6111360	mixed forest	none	flat		15	15	65	5	brown	moist	7	12
A257539	430184	6111409	mixed forest	none	flat		25	30	40	5	brown	dry-moist	15	20
A257540	430183	6111456	mixed forest	none	gentle	S	25	15	55	5	brown	dry-moist	15	20
A257541	430185	6111510	mixed forest	none	gentle	S	20	30	45	5	brown	dry-moist	11	16
A257542	430180	6111560	mixed forest	none	moderate	S	30	25	40	5	brown	dry-moist	12	17
A257543	430183	6111611	mixed forest	none	gentle	SE	20	20	55	5	orange-brown	dry-moist	14	19
A257544	430185	6111661	mixed forest	none	gentle	SE	20	25	50	5	brown	dry-moist	10	15
A257545	430179	6111709	mixed forest	none	flat		15	20	60	5	orange-brown	dry-moist	6	11
A257546	430183	6111759	mixed forest	none	gentle	N	20	20	55	5	brown	dry-moist	13	18
A257547	430171	6111815	mixed forest	none	gentle	N	10	15	65	10	brown	moist	15	20
A257548	430183	6111860	mixed forest	none	flat		15	15	65	5	orange-brown	dry-moist	11	16
A257549	430181	6111907	mixed forest	near old road	gentle	N	15	15	65	5	orange-brown	moist	6	11
A257550	430228	6111908	mixed forest	none	gentle	N	20	20	55	5	brown	dry-moist	9	14
A257551	430231	6111861	mixed forest	none	gentle	N	15	25	55	5	brown	dry-moist	8	13
A257552	430230	6111810	mixed forest	none	gentle	N	20	20	55	5	brown	dry-moist	12	17
A257553	430230	6111759	mixed forest	none	flat		20	20	55	5	brown	dry-moist	7	12
A257554	430229	6111710	mixed forest	none	gentle	S	15	35	45	5	red-brown	dry	6	11

Appendix 2

Sample	Easting	Northing	Landscape	Contamination	Slope	Direction	%Rock	%Sand	%Silt	%Organics	Colour	Moisture	From (cm)	To (cm)
A257555	430230	6111658	mixed forest	none	gentle	N	15	30	50	5	brown	dry-moist	7	12
A257556	430230	6111614	mixed forest	none	flat		35	30	30	5	orange-brown	dry	7	12
A257557	430232	6111562	mixed forest	none	gentle	S	20	30	45	5	orange-brown	dry	13	18
A257558	430234	6111509	mixed forest	none	flat		25	30	40	5	brown	dry-moist	13	18
A257559	430234	6111458	mixed forest	none	gentle	S	15	10	65	10	brown	moist-wet	11	16
A257560	430230	6111409	mixed forest	none	gentle	S	20	25	50	5	orange-brown	dry-moist	12	17
A257561	430231	6111356	mixed forest	none	gentle-moderate	S	15	20	55	10	brown	wet	25	30
A257562	430197	6111946	mixed forest	near old road	gentle	NW	15	25	55	5	brown	dry-moist	7	12
A257563	430233	6111956	mixed forest	none	gentle	N	15	30	50	5	brown	dry-moist	6	11
A257564	430287	6111950	mixed forest	none	gentle	NW	20	20	55	5	brown	moist	4	9
A257565	430279	6111911	mixed forest	none	flat		20	25	50	5	brown	dry-moist	8	13
A257566	430270	6111860	mixed forest	near old road	gentle	NW	15	20	60	5	orange-brown	moist	10	15
A257567	430280	6111809	mixed forest	none	flat		20	20	55	5	orange-brown	dry-moist	11	16
A257568	430283	6111764	mixed forest	none	flat		20	30	45	5	brown	dry	11	16
A257569	430280	6111701	mixed forest	none	flat		15	20	60	5	orange-brown	moist	14	19
A257570	430281	6111660	mixed forest	none	gentle	E	25	30	40	5	brown	dry	7	12
A257571	430282	6111609	mixed forest	none	moderate	S	25	25	45	5	orange-brown	dry	10	15
A257572	430280	6111561	mixed forest	none	gentle	S	15	20	60	5	orange-brown	dry-moist	20	25
A257573	430278	6111510	mixed forest	none	flat		25	25	45	5	brown	moist	13	18
A257574	430281	6111457	mixed forest	none	flat		20	20	45	15	dark brown	wet	10	15
A257575	430280	6111405	mixed forest	none	gentle	SW	20	20	55	5	orange-brown	dry-moist	9	14
A257576	430280	6111361	mixed forest	none	gentle	E	15	30	50	5	orange-brown	dry-moist	5	10
A257577	430034	6111260	mixed forest	near old road	gentle	S	15	20	60	5	brown	moist-wet	27	32
A257578	430026	6111211	mixed forest	near old road	gentle	S	25	20	45	10	brown	moist-wet	17	22
A257579	430042	6111167	mixed forest	near old road	gentle	S	15	15	55	15	dark brown	moist-wet	5	10
A257580	429932	6111612	mixed forest	none	gentle	NW	15	20	50	15	dark brown	wet	16	21
A257581	429877	6111615	mixed forest	none	flat		10	10	65	15	brown	wet	26	31
A257582	429885	6111559	mixed forest	none	flat		20	15	60	5	orange-brown	moist	6	11
A257583	429877	6111512	mixed forest	none	gentle-moderate	NW	30	20	45	5	orange-brown	moist	13	18
A257584	429928	6111511	mixed forest	none	gentle-moderate	W	35	25	35	5	orange-brown	moist	11	16
A257585	429884	6111462	mixed forest	none	gentle	W	25	25	45	5	brown	moist-wet	10	15
A257586	429884	6111408	mixed forest	none	gentle	W	25	15	55	5	brown	dry-moist	9	14
A257587	429936	6111409	mixed forest	none	gentle	W	20	20	55	5	orange-brown	dry-moist	7	12
A257588	429883	6111364	mixed forest	none	gentle	W	20	15	60	5	brown	moist	4	9
A257589	429886	6111309	mixed forest	none	gentle	SW	20	20	55	5	orange-brown	dry-moist	8	13
A257590	429933	6111310	mixed forest	none	gentle	SW	20	20	55	5	orange-brown	moist	5	10
A257591	429884	6111262	mixed forest	none	gentle	W	15	10	60	5	orange-brown	moist	12	17
A257592	429876	6111208	mixed forest	none	flat		20	10	50	20	dark brown	wet	29	34
A257593	429940	6111211	mixed forest	none	gentle	E	25	20	50	5	brown	moist	4	9
A257594	429882	6111163	mixed forest	none	gentle	SW	20	30	45	5	brown	dry	3	8
A257595	429888	6111105	mixed forest	none	flat		30	30	35	5	brown	moist	13	18
A257596	429929	6111108	mixed forest	none	gentle	S	25	25	45	5	orange-brown	dry-moist	13	18
A257597	429889	6111061	mixed forest	none	flat		15	20	45	20	dark brown	moist-wet	23	28
A257598	429880	6111013	mixed forest	none	flat		30	25	35	10	brown	moist-wet	18	23
A257599	429931	6111005	mixed forest	none	flat		20	25	50	5	brown	moist	11	16
A257600	429886	6110962	mixed forest	none	gentle	S	20	25	50	5	brown	wet	15	20
A257601	430181	6111015	coniferous forest	none	flat		10	30	55	5	brown	wet	22	27
A257602	430180	6111064	coniferous forest	none	flat		15	35	45	5	brown	moist	13	18
A257603	430221	6111060	coniferous forest	none	flat		20	35	40	5	brown	wet-saturated	21	26
A257604	430185	6111105	coniferous forest	none	flat		15	10	65	10	dark brown	wet-saturated	39	44
A257605	430184	6111158	coniferous forest	none	gentle	S	25	25	45	5	brown	dry-moist	4	9
A257606	430231	6111156	coniferous forest	none	gentle	E	15	30	50	5	orange-brown	dry-moist	8	13
A257607	430282	6111171	coniferous forest	none	gentle-moderate	E	15	30	50	5	orange-brown	moist	9	14
A257608	430281	6111209	coniferous forest	none	gentle	E	20	20	55	5	orange-brown	dry-moist	13	18
A257609	430235	6111210	mixed forest	none	gentle	SE	20	30	45	5	brown	dry	12	17
A257610	430180	6111208	mixed forest	none	moderate	S	15	25	55	5	orange-brown	dry	9	14
A257611	430184	6111261	mixed forest	none	gentle	E	15	20	60	5	brown	moist	11	16
A257612	430231	6111256	mixed forest	none	gentle-moderate	S	20	20	55	5	orange-brown	moist	13	18

Appendix 2

Sample	Easting	Northing	Landscape	Contamination	Slope	Direction	%Rock	%Sand	%Silt	%Organics	Colour	Moisture	From (cm)	To (cm)
A257613	430282	6111261	mixed forest	none	gentle	S	25	20	50	5	brown	dry-moist	8	13
A257614	430333	6111308	mixed forest	none	gentle	S	25	35	35	5	brown	dry-moist	15	20
A257615	430279	6111312	mixed forest	none	gentle	SE	20	30	45	5	brown	dry	7	12
A257616	430236	6111308	mixed forest	none	gentle	E	15	30	50	5	orange-brown	dry-moist	13	18
A257617	430183	6111310	mixed forest	none	flat		20	30	45	5	orange-brown	moist	12	17
A257618	430782	6112057	mixed forest	none	moderate	NE	25	25	45	5	orange-brown	dry	18	23
A257619	430834	6112060	mixed forest	none	gentle-moderate	NE	20	25	50	5	orange-brown	moist	7	12
A257620	430886	6112063	mixed forest	none	gentle	NE	20	30	45	5	orange-brown	dry-moist	9	14
A257621	430880	6112106	coniferous forest	none	moderate	E	30	40	25	5	brown	dry	4	9
A257622	430833	6112113	mixed forest	none	gentle	NE	30	30	35	5	brown	dry-moist	6	11
A257623	430784	6112113	mixed forest	none	gentle-moderate	NE	30	20	45	5	orange-brown	moist	15	20
A257624	430732	6112116	mixed forest	none	gentle-moderate	NE	20	30	45	5	orange-brown	dry	14	19
A257625	430786	6112161	mixed forest	none	gentle-moderate	NE	20	20	55	5	orange-brown	moist	14	19
A257626	430827	6112163	mixed forest	none	gentle	N	25	20	50	5	orange-brown	moist	6	11
A257627	430884	6112160	coniferous forest	none	gentle	E	25	20	50	5	orange-brown	moist	4	9
A257628	430932	6112207	coniferous forest	none	gentle	SE	25	25	45	5	orange-brown	moist	13	18
A257629	430881	6112209	coniferous forest	none	flat		15	10	70	5	orange-brown	dry-moist	10	15
A257630	430834	6112211	coniferous forest	none	gentle	W	20	20	55	5	orange-brown	dry-moist	12	17
A257631	430780	6112209	coniferous forest	none	gentle	W	15	30	50	5	orange-brown	dry	7	12
A257632	430733	6112208	coniferous forest	none	flat		15	40	40	5	orange-brown	dry	9	14
A257633	430883	6112254	mixed forest	none	flat		20	40	35	5	orange-brown	moist	9	14
A257634	430836	6112258	coniferous forest	none	gentle	NW	25	40	30	5	brown	moist	6	11
A257635	430783	6112253	mixed forest	none	gentle	N	15	40	40	5	brown	dry-moist	13	18
A257636	430379	6111758	mixed forest	none	flat		15	25	55	5	orange-brown	dry-moist	8	13
A257637	430334	6111704	mixed forest	none	gentle	NE	20	25	50	5	brown	moist	7	12
A257638	430382	6111710	mixed forest	none	gentle	E	25	30	40	5	brown	dry-moist	5	10
A257639	430385	6111657	mixed forest	none	flat		15	20	60	5	orange-brown	moist	15	20
A257640	430332	6111610	mixed forest	none	gentle	S	25	20	50	5	brown	moist	6	11
A257641	430381	6111612	mixed forest	none	gentle	S	20	25	50	5	brown	moist	10	15
A257642	430434	6111610	mixed forest	none	flat		15	15	65	5	orange-brown	moist	14	19
A257643	430478	6111613	mixed forest	none	flat		20	30	45	5	orange-brown	dry-moist	10	15
A257644	430480	6111568	mixed forest	none	flat		25	30	40	5	brown	moist	7	12
A257645	430434	6111564	mixed forest	none	gentle	S	20	25	50	5	orange-brown	moist	8	13
A257646	430376	6111564	mixed forest	none	flat		30	20	45	5	orange-brown	moist	12	17
A257647	430327	6111520	mixed forest	none	gentle	SE	20	30	45	5	brown	moist-wet	16	21
A257648	430384	6111520	mixed forest	none	gentle	SE	20	20	55	5	brown	moist	11	16
A257649	430432	6111519	mixed forest	none	gentle	S	20	25	50	5	orange-brown	moist	7	12
A257650	430483	6111508	mixed forest	none	gentle	SE	30	30	35	5	orange-brown	dry-moist	14	19
A257651	430480	6111475	mixed forest	none	gentle	SE	15	25	55	5	orange-brown	moist	13	18
A257652	430423	6111452	mixed forest	none	flat		20	25	50	5	orange-brown	moist	13	18
A257653	430379	6111460	mixed forest	none	gentle	E	20	20	55	5	orange-brown	moist	17	22
A257654	430465	6111402	coniferous forest	none	gentle	E	20	25	50	5	orange-brown	moist	10	15
A257655	430427	6111410	mixed forest	none	gentle-moderate	SE	25	30	40	5	brown	moist	8	13
A257656	430384	6111409	mixed forest	none	gentle	S	10	20	60	10	brown	moist	24	29
A257657	430333	6111410	mixed forest	none	flat		20	20	55	5	orange-brown	moist-wet	11	16
A257658	430127	6112009	mixed forest	none	gentle	NW	15	20	60	5	orange-brown	dry-moist	6	11
A257659	430079	6112011	mixed forest	none	gentle	NW	15	20	60	5	orange-brown	dry	13	18
A257660	430030	6112010	mixed forest	none	gentle	N	25	25	45	5	brown	moist	7	12
A257661	429979	6112011	mixed forest	none	gentle	NW	20	20	55	5	brown	moist	5	10
A257662	429984	6112057	mixed forest	none	gentle	NW	15	15	60	10	brown	moist-wet	11	16
A257663	430032	6112057	mixed forest	none	gentle	NW	10	30	50	10	brown	moist	14	19
A257664	430080	6112060	mixed forest	none	gentle	NW	15	25	55	5	brown	moist	5	10
A257665	430134	6112111	mixed forest	none	gentle	NW	15	25	50	10	brown	dry-moist	16	21
A257666	430081	6112111	mixed forest	none	gentle	NW	10	10	65	15	dark brown	wet	23	28
A257667	430032	6112112	mixed forest	none	gentle	NW	15	30	50	5	brown	moist	8	13
A257668	429991	6112105	mixed forest	none	gentle	NW	10	20	65	5	brown	moist-wet	24	29
A257669	429978	6112154	mixed forest	none	gentle	NW	15	15	65	5	brown	moist	32	37
A257670	430022	6112159	mixed forest	none	gentle	N	10	20	55	15	dark brown	saturated	43	48

Appendix 2

Sample	Easting	Northing	Landscape	Contamination	Slope	Direction	%Rock	%Sand	%Silt	%Organics	Colour	Moisture	From (cm)	To (cm)
A257671	430081	6112158	mixed forest	none	gentle	NW	15	15	65	5	orange-brown	moist-wet	12	17
A257672	430131	6112208	mixed forest	none	gentle	N	10	25	55	10	dark brown	wet	18	23
A257673	430082	6112205	mixed forest	none	gentle	NW	15	25	55	5	brown	dry-moist	13	18
A257674	430039	6112206	mixed forest	none	gentle	N	10	20	60	10	brown	wet-saturated	39	44
A257675	429991	6112204	mixed forest	none	gentle	N	25	30	40	5	brown	saturated	47	52
A257676	430031	6112264	mixed forest	none	gentle	N	20	20	55	5	brown	dry-moist	29	34
A257677	430081	6112253	mixed forest	none	gentle	N	10	20	60	10	brown	moist	16	21
A257678	430685	6111863	mixed forest	none	flat		20	20	55	5	brown	dry-moist	16	21
A257679	430680	6111907	mixed forest	none	flat		20	35	40	5	brown	dry-moist	3	8
A257680	430684	6111959	mixed forest	none	gentle	E	20	25	50	5	orange-brown	moist	6	11
A257681	430631	6111960	mixed forest	none	gentle	E	15	25	55	5	orange-brown	dry	13	18
A257682	430627	6111909	mixed forest	none	flat		20	25	50	5	orange-brown	moist	7	12
A257683	430633	6111862	mixed forest	none	flat		15	20	60	5	brown	moist	17	22
A257684	430581	6111861	mixed forest	none	flat		15	20	60	5	brown	moist	10	15
A257685	430585	6111912	mixed forest	none	flat		20	25	50	5	brown	moist	12	17
A257686	430587	6111955	mixed forest	none	gentle	N	20	30	45	5	brown	dry-moist	7	12
A257687	430540	6111909	mixed forest	none	flat		20	15	60	5	brown	moist	4	9
A257688	430531	6111712	mixed forest	none	flat		20	25	50	5	orange-brown	dry-moist	7	12
A257689	430577	6111659	mixed forest	none	gentle	SE	15	15	65	5	brown	dry-moist	11	16
A257690	430634	6111657	mixed forest	none	gentle	S	20	35	40	5	orange-brown	moist	7	12
A257691	430682	6111655	mixed forest	none	gentle	SE	20	20	55	5	orange-brown	dry-moist	14	19
A257692	430678	6111711	mixed forest	none	gentle	SE	20	25	50	5	brown	dry-moist	4	9
A257693	430631	6111713	mixed forest	none	gentle	S	15	30	50	5	brown	dry-moist	12	17
A257694	430582	6111712	mixed forest	none	gentle	S	20	30	45	5	brown	dry-moist	14	19
A257695	430587	6111757	mixed forest	none	flat		15	25	55	5	orange-brown	moist	8	13
A257696	430632	6111759	mixed forest	none	gentle	SE	20	35	40	5	orange-brown	dry-moist	3	8
A257697	430683	6111757	mixed forest	none	flat		20	30	45	5	orange-brown	moist	13	18
A257698	430680	6111813	mixed forest	none	flat		10	30	55	5	brown	dry-moist	12	17
A257699	430631	6111814	mixed forest	none	flat		10	15	70	5	grey-brown	wet	18	23
A257700	430583	6111816	mixed forest	none	gentle	S	15	25	55	5	orange-brown	moist	10	15
A257701	430530	6111812	mixed forest	none	flat		15	15	65	5	brown	moist	13	18
A257702	430082	6111014	mixed forest	none	flat		35	20	40	5	grey-brown	wet-saturated	37	42
A257703	430121	6111016	mixed forest	none	flat		15	5	75	5	grey-brown	wet	34	39
A257704	430038	6111010	mixed forest	none	gentle	S	20	25	50	5	grey-brown	moist-wet	24	29
A257705	429986	6111014	mixed forest	near old road	gentle	S	10	45	40	5	brown	wet	36	41
A257706	429982	6111055	mixed forest	none	gentle	S	20	30	45	5	brown	moist	11	16
A257707	430035	6111056	mixed forest	near old road	gentle	S	25	25	45	5	orange-brown	moist	14	19
A257708	430082	6111064	mixed forest	none	gentle	S	15	15	60	10	grey-brown	moist	17	22
A257709	430128	6111115	mixed forest	none	gentle	S	20	25	50	5	brown	dry-moist	19	24
A257710	430080	6111108	mixed forest	none	gentle	SE	20	25	50	5	brown	moist	13	18
A257711	430037	6111105	mixed forest	near old road	gentle	SE	20	10	55	15	dark brown	moist	12	17
A257712	429984	6111111	mixed forest	none	gentle	S	15	15	60	10	dark brown	moist	12	17
A257713	430087	6111162	mixed forest	none	gentle	SE	15	15	65	5	brown	moist	15	20
A257714	430136	6111210	mixed forest	none	gentle	SE	15	30	50	5	orange-brown	dry-moist	16	21
A257715	430092	6111215	mixed forest	none	gentle	S	20	20	55	5	orange-brown	dry-moist	13	18
A257716	430082	6111259	mixed forest	none	gentle	S	15	20	60	5	orange-brown	moist	17	22
A257717	430087	6111314	mixed forest	none	gentle	S	20	20	55	5	orange-brown	moist	13	18
A257718	430129	6111309	mixed forest	none	gentle	SE	20	30	45	5	brown	dry-moist	11	16
A257719	430088	6111362	mixed forest	near old road	gentle	S	20	20	55	5	orange-brown	moist	9	14
A257720	430074	6111415	mixed forest	near old road	gentle	SE	25	30	40	5	orange-brown	dry-moist	6	11
A257721	430132	6111412	mixed forest	none	gentle	S	20	20	55	5	orange-brown	moist	7	12
A257722	429832	6111408	mixed forest	none	flat		15	25	55	5	orange-brown	dry-moist	6	11
A257723	429779	6111409	mixed forest	none	flat		20	25	50	5	light brown	wet	14	19
A257724	429733	6111411	mixed forest	none	flat		15	20	60	5	light brown	moist-wet	11	16
A257725	429781	6111363	mixed forest	none	flat		15	15	65	5	orange-brown	moist-wet	12	17
A257726	429835	6111358	mixed forest	none	gentle	S	20	10	60	10	brown	wet-saturated	14	19
A257727	429830	6111315	mixed forest	none	gentle	S	10	10	65	15	dark brown	wet	21	26
A257728	429778	6111305	mixed forest	none	gentle	S	15	15	65	5	orange-brown	moist-wet	13	18

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Sample	Easting	Northing	Landscape	Contamination	Slope	Direction	%Rock	%Sand	%Silt	%Organics	Colour	Moisture	From (cm)	To (cm)
A257729	429732	6111306	mixed forest	none	gentle	S	20	20	55	5	orange-brown	moist-wet	15	20
A257730	429778	6111263	mixed forest	none	gentle	S	20	20	55	5	orange-brown	moist-wet	13	18
A257731	429827	6111256	mixed forest	none	gentle	S	10	10	65	15	dark brown	wet	32	37
A257732	429831	6111207	mixed forest	none	gentle	S	15	15	60	10	grey-brown	wet	26	31
A257733	429784	6111207	mixed forest	none	gentle	S	10	25	50	15	dark brown	wet-saturated	37	42
A257734	429737	6111210	mixed forest	none	gentle	S	15	15	55	15	brown	wet	14	19
A257735	429782	6111157	mixed forest	none	gentle	S	10	5	50	35	dark brown	saturated	21	26
A257736	429836	6111159	mixed forest	none	gentle	S	15	15	55	15	dark brown	moist-wet	9	14
A257737	429829	6111105	mixed forest	none	gentle	S	20	25	50	5	orange-brown	dry-moist	13	18
A257738	429784	6111112	mixed forest	none	gentle	S	15	25	50	10	grey-brown	moist	13	18
A257739	429732	6111107	mixed forest	none	gentle	S	25	20	50	5	grey-brown	moist	7	12
A257740	429776	6111063	mixed forest	none	gentle	SW	20	30	40	10	orange-brown	moist-wet	17	22
A257741	429828	6111059	mixed forest	none	gentle	SW	15	15	55	15	dark brown	moist	13	18
A257742	429836	6111010	mixed forest	none	gentle	S	10	0	30	60	black	wet	50	55
A257743	429782	6111009	mixed forest	none	gentle	S	10	5	55	30	black	wet	35	40
A257744	429734	6111005	mixed forest	none	gentle	S	15	25	50	10	orange-brown	dry-moist	20	25
A257745	429782	6110960	mixed forest	none	gentle	S	20	20	55	5	orange-brown	moist	10	15
A257746	429826	6110967	mixed forest	none	gentle	S	20	15	60	5	grey-brown	moist-wet	18	23
A257747	430365	6111370	mixed forest	none	gentle	SE	20	25	50	5	orange-brown	wet	12	17
A257748	430432	6111366	mixed forest	none	gentle	SE	20	20	55	5	orange-brown	moist-wet	15	20
A257749	430484	6111359	mixed forest	none	gentle	E	25	30	40	5	orange-brown	moist	8	13
A257750	430433	6111315	mixed forest	none	gentle	S	5	5	40	50	black	saturated	43	48
A257751	430382	6111305	mixed forest	none	gentle	SE	20	30	45	5	orange-brown	moist	12	17
A257752	430379	6111259	mixed forest	none	gentle	SE	25	25	45	5	grey-brown	moist	11	16
A257753	430433	6111263	mixed forest	none	gentle	SE	20	20	55	5	orange-brown	moist-wet	23	28
A257754	430483	6111267	mixed forest	none	gentle	S	15	25	55	5	orange-brown	moist	6	11
A257755	430374	6111217	mixed forest	none	gentle	S	20	30	45	5	brown	wet	28	33
A257756	430484	6110951	coniferous forest	none	flat		30	0	30	40	black	wet-saturated	8	13
A257757	430431	6110949	coniferous forest	none	flat		10	60	25	5	brown	wet	24	29
A257758	430382	6110962	coniferous forest	none	flat		25	30	35	10	grey-brown	wet	19	24
A257759	430037	6110967	coniferous forest	none	flat		10	70	15	5	brown	wet	27	32
A257760	429973	6110963	mixed forest	near old road	flat		10	10	30	50	black	wet	29	34
A257761	430929	6111708	mixed forest	none	gentle-moderate	E	30	25	40	5	orange-brown	dry-moist	5	10
A257762	430883	6111711	mixed forest	none	gentle-moderate	E	20	20	55	5	orange-brown	moist	11	16
A257763	430837	6111714	mixed forest	none	gentle	E	20	20	55	5	orange-brown	dry-moist	9	14
A257764	430785	6111715	mixed forest	none	gentle-moderate	E	15	20	60	5	orange-brown	dry-moist	8	13
A257765	430730	6111713	mixed forest	none	gentle	E	10	20	65	5	light brown	dry-moist	13	18
A257766	430779	6111660	mixed forest	none	moderate	SE	20	20	55	5	orange-brown	dry-moist	10	15
A257767	430833	6111661	mixed forest	none	moderate	SE	25	35	35	5	orange-brown	dry-moist	4	9
A257768	430879	6111660	mixed forest	none	moderate-steep	SE	25	30	40	5	orange-brown	moist-wet	4	9
A257769	430931	6111612	mixed forest	none	moderate	SE	25	30	40	5	orange-brown	dry-moist	5	10
A257770	430880	6111614	mixed forest	none	gentle-moderate	SE	30	15	50	5	orange-brown	moist	12	17
A257771	430830	6111609	mixed forest	none	moderate-steep	SE	20	35	40	5	light brown	moist	6	11
A257772	430777	6111605	mixed forest	none	gentle	SE	25	30	40	5	orange-brown	moist	12	17
A257773	430730	6111613	mixed forest	none	gentle-moderate	SE	15	20	60	5	brown	dry-moist	8	13
A257774	430685	6111613	mixed forest	none	moderate	SE	20	30	45	5	brown	moist	13	18
A257775	430632	6111607	mixed forest	none	gentle	SE	15	15	65	5	orange-brown	moist	16	21
A257776	430584	6111611	mixed forest	none	gentle	E	5	0	35	60	black	wet	49	54
A257777	430532	6111614	mixed forest	none	moderate	SE	20	15	60	5	orange-brown	moist	8	13
A257778	430589	6111556	mixed forest	none	gentle	SE	15	30	50	5	orange-brown	moist	7	12
A257779	430639	6111562	mixed forest	none	gentle	E	20	15	60	5	brown	wet-saturated	25	30
A257780	430687	6111559	mixed forest	none	gentle	E	20	20	55	5	orange-brown	moist	8	13
A257781	430785	6111552	mixed forest	none	gentle	SE	10	25	60	5	brown	moist	10	15
A257782	430834	6111557	mixed forest	none	gentle-moderate	SE	15	25	55	5	orange-brown	moist	6	11
A257783	430864	6111565	mixed forest	none	gentle	E	10	30	55	5	orange-brown	dry-moist	4	9
A257784	430935	6111508	mixed forest	none	flat		15	35	45	5	brown	moist	9	14
A257785	430884	6111508	mixed forest	none	flat		15	30	50	5	brown	moist-wet	13	18
A257786	430832	6111507	mixed forest	none	flat		40	35	20	5	orange-brown	moist	14	19

Appendix 2

Sample	Easting	Northing	Landscape	Contamination	Slope	Direction	%Rock	%Sand	%Silt	%Organics	Colour	Moisture	From (cm)	To (cm)
A257787	429939	6112012	mixed forest	none	gentle	NW	5	0	45	50	black	moist-wet	65	70
A257788	429879	6112008	mixed forest	none	gentle	NW	15	15	60	10	brown	moist-wet	15	20
A257789	429833	6112008	mixed forest	none	gentle	NW	10	20	60	10	brown	moist	8	13
A257790	429776	6112010	mixed forest	none	gentle	NW	15	10	65	10	dark brown	wet	27	32
A257791	429737	6112012	mixed forest	none	gentle	NW	15	30	45	10	grey-brown	wet	24	29
A257792	429777	6112057	mixed forest	none	gentle	NW	10	15	65	10	brown	moist	11	16
A257793	429833	6112055	mixed forest	none	gentle	NW	20	20	50	10	dark brown	wet-saturated	39	44
A257794	429883	6112059	mixed forest	none	gentle	NW	15	10	65	10	dark brown	wet	36	41
A257795	429936	6112111	mixed forest	none	gentle	NW	20	30	45	5	brown	wet	39	44
A257796	429885	6112107	mixed forest	none	gentle	NW	25	5	65	5	brown	moist-wet	52	57
A257797	429828	6112113	mixed forest	none	gentle	NW	5	5	45	45	black	wet	43	48
A257798	429778	6112110	mixed forest	none	gentle	NW	15	10	65	10	dark brown	moist-wet	12	17
A257799	429734	6112114	mixed forest	none	gentle	NW	20	10	50	20	black	wet-saturated	32	37
A257800	429783	6112167	mixed forest	none	gentle	NW	25	10	55	10	dark brown	wet	39	44
A257801	429822	6112157	mixed forest	none	gentle	NW	15	5	75	5	brown	moist-wet	28	33
A257802	429888	6112168	mixed forest	none	gentle	NW	25	5	55	15	dark brown	wet	43	48
A257803	429927	6112206	mixed forest	none	gentle	NW	0	0	40	60	black	wet	56	61
A257804	429882	6112206	mixed forest	none	gentle	NW	5	5	40	50	black	wet	47	52
A257805	429824	6112205	mixed forest	none	gentle	NW	20	35	40	5	light brown	wet	41	46
A257806	429778	6112204	mixed forest	none	gentle	NW	15	30	50	5	grey-brown	wet	41	46
A257807	429739	6112207	mixed forest	none	gentle	NW	20	25	50	5	light brown	wet	30	35
A257808	429791	6112255	mixed forest	none	gentle	NW	0	0	40	60	black	saturated	43	48
A257809	429827	6112259	mixed forest	none	gentle	NW	0	0	40	60	black	wet	58	63
A257810	429874	6112263	mixed forest	none	gentle	NW	20	40	35	5	brown	moist-wet	31	36
A257811	430586	6110971	coniferous forest	none	flat		35	25	30	10	brown	wet	23	28
A257812	430633	6110959	coniferous forest	none	gentle	W	25	25	40	10	dark brown	wet	21	26
A257813	430684	6110955	coniferous forest	none	gentle	NW	25	25	40	10	brown	wet	19	24
A257814	430674	6111014	coniferous forest	none	flat		40	15	30	15	dark brown	wet-saturated	10	15
A257815	430633	6111015	coniferous forest	none	gentle	NW	30	35	30	5	brown	moist-wet	16	21
A257816	430585	6111011	coniferous forest	none	flat		35	25	30	10	brown	moist-wet	20	25
A257817	430593	6111055	coniferous forest	none	flat		25	30	40	5	brown	wet	13	18
A257818	430690	6111057	coniferous forest	none	gentle	W	30	30	30	10	brown	moist-wet	15	20
A257819	430667	6111121	coniferous forest	none	flat		15	20	60	5	orange-brown	dry-moist	11	16
A257820	430634	6111111	coniferous forest	none	gentle	E	20	35	40	5	brown	dry-moist	4	9
A257821	430596	6111114	coniferous forest	none	flat		25	35	35	5	brown	moist	9	14
A257822	430648	6111161	coniferous forest	none	gentle	W	35	30	30	5	orange-brown	wet	12	17
A257823	430675	6111160	coniferous forest	none	flat		20	20	55	5	orange-brown	dry-moist	11	16
A257824	430698	6111275	coniferous forest	none	flat		25	30	40	5	orange-brown	moist-wet	6	11
A257825	430683	6111315	coniferous forest	none	flat		25	25	45	5	orange-brown	wet	7	12
A257826	430639	6111309	coniferous forest	none	flat		25	20	50	5	orange-brown	moist	13	18
A257827	430579	6111306	coniferous forest	none	flat		20	25	50	5	orange-brown	moist	12	17
A257828	429831	6111460	mixed forest	none	flat		10	15	70	5	brown	dry	6	11
A257829	429780	6111457	mixed forest	none	flat		10	10	70	10	brown	dry-moist	10	15
A257830	429728	6111512	mixed forest	none	gentle	W	10	10	70	10	brown	dry-moist	16	21
A257831	429781	6111515	mixed forest	none	gentle	NW	15	10	65	10	brown	moist	13	18
A257832	429834	6111511	mixed forest	none	gentle	W	15	10	65	10	light brown	moist	9	14
A257833	429830	6111564	mixed forest	none	gentle	W	15	5	75	5	light brown	moist-wet	15	20
A257834	429781	6111559	mixed forest	none	gentle	W	10	10	75	5	light brown	moist	8	13
A257835	429729	6111611	mixed forest	none	gentle	W	10	15	70	5	light brown	moist	31	36
A257836	429783	6111608	mixed forest	none	gentle	W	10	15	65	10	brown	dry-moist	14	19
A257837	429834	6111606	mixed forest	none	gentle	W	15	15	65	5	brown	moist	13	18
A257838	429884	6111661	mixed forest	none	gentle	NW	15	20	60	5	orange-brown	dry-moist	11	16
A257839	429839	6111661	mixed forest	none	gentle	NW	15	15	65	5	orange-brown	dry	13	18
A257840	429780	6111659	mixed forest	none	gentle	NW	20	15	60	5	orange-brown	dry-moist	12	17
A257841	429733	6111706	mixed forest	none	gentle	NW	10	25	60	5	brown	dry	16	21
A257842	429780	6111711	mixed forest	none	gentle	NW	15	15	65	5	brown	dry-moist	13	18
A257843	429836	6111709	mixed forest	none	gentle	NW	15	20	60	5	brown	dry	7	12
A257844	429882	6111706	mixed forest	none	gentle	NW	10	20	65	5	brown	dry-moist	11	16

Appendix 2

Sample	Easting	Northing	Landscape	Contamination	Slope	Direction	%Rock	%Sand	%Silt	%Organics	Colour	Moisture	From (cm)	To (cm)
A257845	429936	6111705	mixed forest	none	gentle	NW	10	20	65	5	orange-brown	dry-moist	12	17
A257846	430928	6112013	mixed forest	none	gentle	N	15	15	65	5	orange-brown	dry-moist	17	22
A257847	430929	6111903	mixed forest	none	moderate	N	15	20	60	5	orange-brown	dry	5	10
A257848	430931	6111810	mixed forest	none	gentle-moderate	NE	10	30	50	10	brown	dry-moist	16	21
A257849	430879	6111759	mixed forest	none	moderate-steep	NE	20	25	50	5	brown	dry-moist	8	13
A257850	430880	6111813	mixed forest	none	moderate	NE	25	35	35	5	light brown	dry	10	15
A257851	430883	6111859	mixed forest	none	moderate	NE	15	30	50	5	light brown	dry	7	12
A257852	430883	6111908	mixed forest	none	moderate	NE	15	30	50	5	brown	dry	15	20
A257853	430886	6111965	mixed forest	none	moderate	NE	25	30	40	5	orange-brown	dry	8	13
A257854	430883	6112006	mixed forest	none	moderate	NE	15	20	60	5	orange-brown	dry-moist	26	31
A257855	430839	6112014	mixed forest	none	moderate	NE	10	10	40	40	dark brown	moist	16	21
A257856	430833	6111961	mixed forest	none	moderate	NE	20	25	50	5	brown	dry	8	13
A257857	430838	6111911	mixed forest	none	moderate	NE	20	30	45	5	brown	moist	27	32
A257858	430829	6111858	mixed forest	none	moderate-steep	NE	20	30	45	5	orange-brown	moist	14	19
A257859	430834	6111807	mixed forest	none	moderate	NE	20	25	50	5	orange-brown	dry	12	17
A257860	430830	6111762	mixed forest	none	gentle	NE	20	20	50	10	brown	dry	13	18
A257861	430777	6111763	mixed forest	none	gentle	NE	15	25	55	5	brown	moist	6	11
A257862	430782	6111807	mixed forest	none	moderate	NE	15	30	50	5	orange-brown	dry	13	18
A257863	430785	6111857	mixed forest	none	moderate-steep	NE	30	30	35	5	brown	dry	9	14
A257864	430780	6111909	mixed forest	none	steep	E	25	30	40	5	brown	dry	4	9
A257865	430781	6111954	mixed forest	none	steep	NE	20	25	50	5	brown	dry	12	17
A257866	430779	6112013	mixed forest	none	moderate-steep	NE	20	25	50	5	orange-brown	dry	5	10
A257867	430729	6112012	mixed forest	none	steep	NE	30	30	35	5	brown	dry	13	18
A257868	430728	6111914	mixed forest	none	gentle-moderate	NE	20	25	50	5	brown	dry	4	9
A257869	430733	6111807	mixed forest	none	gentle	NE	15	25	55	5	orange-brown	dry	7	12
A257870	430232	6112004	mixed forest	near old road	flat		15	20	60	5	orange-brown	dry-moist	11	16
A257871	430282	6112008	mixed forest	none	gentle-moderate	N	15	30	50	5	brown	wet	33	38
A257872	430332	6112011	mixed forest	none	gentle	N	20	20	55	5	brown	dry-moist	9	14
A257873	430385	6112008	mixed forest	none	gentle	N	25	35	35	5	orange-brown	dry	16	21
A257874	430428	6112007	mixed forest	none	gentle	N	20	30	45	5	orange-brown	dry	17	22
A257875	430484	6112012	mixed forest	none	gentle	N	25	30	40	5	light brown	dry	6	11
A257876	430529	6112004	mixed forest	none	gentle	N	25	30	40	5	light brown	dry	8	13
A257877	430580	6112005	mixed forest	none	gentle-moderate	N	10	15	70	5	orange-brown	moist	26	31
A257878	430634	6112008	mixed forest	none	gentle	N	20	20	55	5	orange-brown	dry-moist	13	18
A257879	430683	6112010	mixed forest	none	moderate-steep	N	25	25	45	5	light brown	dry	12	17
A257880	430677	6112059	mixed forest	none	moderate-steep	N	30	30	35	5	light brown	dry	16	21
A257881	430631	6112062	mixed forest	none	moderate-steep	N	15	25	55	5	orange-brown	dry-moist	7	12
A257882	430580	6112062	mixed forest	none	moderate	N	10	15	65	10	brown	moist	13	18
A257883	430478	6112057	mixed forest	none	moderate-steep	N	20	20	55	5	brown	dry	15	20
A257884	430433	6112060	mixed forest	none	moderate-steep	N	15	25	55	5	brown	dry-moist	6	11
A257885	430376	6112061	mixed forest	none	gentle	N	10	10	70	10	dark brown	wet	42	47
A257886	430277	6112059	mixed forest	near old road	gentle	N	10	30	55	5	brown	dry-moist	7	12
A257887	430233	6112061	mixed forest	near old road	gentle-moderate	NW	30	30	35	5	light brown	dry	4	9
A257888	430185	6112062	mixed forest	none	gentle	N	10	15	65	10	brown	moist	5	10
A257889	430186	6112014	mixed forest	none	gentle	NW	15	20	60	5	brown	dry-moist	4	9
A257890	430782	6110964	coniferous forest	none	flat		30	35	30	5	brown	moist	6	11
A257891	430821	6110957	coniferous forest	none	gentle-moderate	N	35	30	30	5	brown	moist	14	19
A257892	430881	6110963	coniferous forest	none	gentle	W	35	30	30	5	brown	dry	12	17
A257893	430932	6111011	coniferous forest	none	gentle	NW	20	35	40	5	light brown	dry-moist	8	13
A257894	430881	6111015	coniferous forest	none	flat		25	25	45	5	orange-brown	moist	25	30
A257895	430834	6111007	coniferous forest	none	gentle-moderate	W	20	30	45	5	brown	wet-saturated	47	52
A257896	430780	6111007	coniferous forest	none	flat		35	30	30	5	brown	dry	13	18
A257897	430731	6111010	coniferous forest	none	flat		15	30	50	5	brown	moist	16	21
A257898	430785	6111054	coniferous forest	none	gentle	E	20	30	45	5	orange-brown	moist	7	12
A257899	430834	6111063	coniferous forest	none	gentle	SW	25	35	35	5	grey-brown	dry	14	19
A257900	430879	6111064	coniferous forest	none	gentle	W	20	25	50	5	orange-brown	moist	19	24
A257901	430937	6111107	mixed forest	none	flat		25	25	45	5	orange-brown	moist	13	18
A257902	430885	6111109	coniferous forest	none	gentle	N	20	20	55	5	orange-brown	moist	19	24

Appendix 2

Sample	Easting	Northing	Landscape	Contamination	Slope	Direction	%Rock	%Sand	%Silt	%Organics	Colour	Moisture	From (cm)	To (cm)
A257903	430826	6111106	coniferous forest	none	flat		15	20	60	5	orange-brown	moist	18	23
A257904	430778	6111101	coniferous forest	none	gentle	E	30	35	30	5	brown	dry	14	19
A257905	430733	6111108	coniferous forest	none	flat		35	40	20	5	brown	dry-moist	15	20
A257906	430787	6111161	coniferous forest	none	gentle	NW	20	40	35	5	brown	dry-moist	13	18
A257907	430828	6111162	coniferous forest	none	flat		20	25	50	5	orange-brown	dry-moist	13	18
A257908	430930	6111206	mixed forest	none	flat		25	30	40	5	brown	dry	16	21
A257909	430835	6111209	coniferous forest	none	flat		20	25	50	5	orange-brown	moist	12	17
A257910	430923	6111317	mixed forest	none	gentle-moderate	SE	20	20	55	5	orange-brown	moist	8	13
A257911	430883	6111310	mixed forest	none	flat		25	20	50	5	orange-brown	moist	5	10
A257912	430833	6111305	coniferous forest	none	flat		15	25	55	5	orange-brown	moist	7	12
A257913	431838	6113858	mixed forest	none	moderate-steep	E	25	35	35	5	orange-brown	dry	17	22
A257914	431839	6113764	mixed forest	none	gentle-moderate	S	20	20	55	5	orange-brown	moist	13	18
A257915	431837	6113661	mixed forest	none	gentle	S	25	40	30	5	brown	dry	16	21
A257916	431841	6113564	coniferous forest	none	flat		15	15	60	10	orange-brown	moist	16	21
A257917	431836	6113457	coniferous forest	none	gentle	S	10	30	50	10	brown	moist-wet	42	47
A257918	431832	6113367	mixed forest	none	moderate	N	25	35	35	5	orange-brown	dry-moist	13	18
A257919	431837	6113260	mixed forest	none	gentle	N	15	30	50	5	orange-brown	dry	15	20
A257920	431836	6113165	mixed forest	none	gentle	NE	15	20	60	5	orange-brown	dry-moist	11	16
A257921	431842	6113064	mixed forest	none	gentle	S	20	35	40	5	orange-brown	dry	19	24
A257922	431845	6112962	mixed forest	none	moderate	E	30	35	30	5	orange-brown	dry	7	12
A257923	431841	6112853	mixed forest	none	moderate	N	20	35	40	5	brown	dry	13	18
A257924	431836	6112761	mixed forest	none	moderate	S	50	35	10	5	brown	dry	3	8
A257925	431839	6112663	mixed forest	none	moderate	NE	25	35	35	5	brown	dry	16	21
A257926	431841	6112551	mixed forest	none	gentle-moderate	E	30	25	40	5	brown	moist	8	13
A257927	431847	6112473	mixed forest	none	steep	S	35	40	20	5	light brown	dry	10	15
A257928	431833	6112364	mixed forest	none	steep	S	45	40	10	5	light brown	dry	6	11
A257929	431838	6112270	mixed forest	none	steep	S	20	30	45	5	brown	dry	5	10
A257930	431850	6112181	mixed forest	none	flat		30	25	40	5	orange-brown	dry-moist	9	14
A257931	429877	6111808	mixed forest	none	gentle	N	15	20	60	5	light brown	dry	9	14
A257932	429828	6111810	mixed forest	none	gentle	NW	15	20	60	5	light brown	dry-moist	14	19
A257933	429785	6111808	mixed forest	none	gentle	NW	10	15	70	5	orange-brown	moist	10	15
A257934	429732	6111810	mixed forest	none	gentle	NW	10	20	65	5	orange-brown	dry-moist	13	18
A257935	429776	6111860	mixed forest	none	gentle	NW	10	25	60	5	brown	dry-moist	15	20
A257936	429829	6111859	mixed forest	none	gentle	NW	10	20	65	5	orange-brown	moist	24	29
A257937	429886	6111864	mixed forest	none	gentle	NW	10	15	60	15	dark brown	moist	12	17
A257938	429980	6111856	mixed forest	none	gentle	NW	20	20	55	5	brown	dry-moist	9	14
A257939	430037	6111856	mixed forest	none	gentle	NW	45	30	20	5	light brown	dry	8	13
A257940	430076	6111863	mixed forest	none	gentle	NW	15	30	50	5	light brown	dry	13	18
A257941	430128	6111912	mixed forest	none	gentle	NW	15	20	60	5	orange-brown	dry	11	16
A257942	430085	6111909	mixed forest	none	gentle	NW	25	15	55	5	orange-brown	dry	16	21
A257943	430032	6111911	mixed forest	none	gentle	NW	35	35	25	5	light brown	dry	9	14
A257944	429980	6111908	mixed forest	none	gentle	NW	15	20	60	5	brown	moist	12	17
A257945	429932	6111907	mixed forest	none	gentle	NW	15	20	60	5	brown	moist	7	12
A257946	429881	6111909	mixed forest	none	gentle	NW	15	15	65	5	brown	moist	9	14
A257947	429828	6111909	mixed forest	none	gentle	NW	15	25	50	10	brown	dry-moist	23	28
A257948	429784	6111911	mixed forest	none	gentle	NW	10	30	50	10	grey-brown	moist	30	35
A257949	429725	6111910	mixed forest	none	gentle	NW	10	10	70	10	grey-brown	moist	27	32
A257950	429785	6111958	mixed forest	none	gentle	NW	15	20	60	5	grey-brown	wet	14	19
A257951	429829	6111961	mixed forest	none	gentle	NW	10	20	60	10	dark brown	moist	13	18
A257952	429883	6111960	mixed forest	none	gentle	NW	10	15	65	10	brown	moist	15	20
A257953	429984	6111954	mixed forest	none	gentle	NW	20	25	50	5	orange-brown	moist	11	16
A257954	430033	6111959	mixed forest	none	gentle	NW	20	40	35	5	orange-brown	dry	8	13
A257955	430080	6111955	mixed forest	none	gentle	NW	20	25	50	5	brown	dry-moist	5	10
A257956	430133	6111814	mixed forest	none	flat		15	15	65	5	brown	moist	11	16
A257957	430082	6111813	mixed forest	none	gentle-moderate	NW	30	30	35	5	light brown	dry	7	12
A257958	430030	6111805	mixed forest	none	moderate	NW	40	20	35	5	light brown	dry	6	11
A257959	429982	6111809	mixed forest	none	gentle	NW	20	20	55	5	brown	dry-moist	13	18
A257960	429930	6111812	mixed forest	none	gentle	NW	10	20	60	10	brown	dry	11	16

Appendix 2

Sample	Easting	Northing	Landscape	Contamination	Slope	Direction	%Rock	%Sand	%Silt	%Organics	Colour	Moisture	From (cm)	To (cm)
A257961	429780	6111765	mixed forest	none	gentle	NW	15	15	65	5	orange-brown	moist	14	19
A257962	429830	6111764	mixed forest	none	gentle	NW	15	15	60	10	brown	moist	13	18
A257963	429882	6111756	mixed forest	none	gentle	NW	20	30	45	5	brown	dry-moist	12	17
A257964	429983	6111758	mixed forest	none	gentle	NW	15	25	50	10	brown	moist	13	18
A257965	430033	6111758	mixed forest	none	gentle	NW	45	30	20	5	light brown	dry	5	10
A257966	430081	6111766	mixed forest	near old road	flat		30	40	25	5	light brown	dry	3	8
A257967	430130	6111711	mixed forest	none	flat		30	35	30	5	orange-brown	moist	4	9
A257968	430076	6111712	coniferous forest	none	gentle	W	25	35	35	5	orange-brown	moist	5	10
A257969	430034	6111710	coniferous forest	none	gentle	W	30	25	40	5	orange-brown	moist	12	17
A257970	429983	6111710	mixed forest	none	gentle	W	15	20	60	5	orange-brown	moist	10	15
A257971	429986	6111659	mixed forest	none	gentle	W	20	15	60	5	orange-brown	moist	12	17
A257972	430030	6111660	coniferous forest	none	gentle	W	20	30	45	5	brown	dry	7	12
A257973	430076	6111656	coniferous forest	near old road	gentle	W	50	25	20	5	orange-brown	dry	3	8
A257974	430070	6111611	mixed forest	near old road	gentle	W	50	30	15	5	orange-brown	dry	6	11
A257975	430132	6111612	mixed forest	none	gentle	S	35	30	30	5	brown	moist	3	8
A257976	430066	6111561	mixed forest	near old road	flat		20	20	55	5	orange-brown	moist	11	16
A257977	430076	6111512	mixed forest	near old road	gentle	S	25	30	40	5	brown	dry-moist	7	12
A257978	430126	6111511	mixed forest	none	gentle	S	20	30	45	5	orange-brown	dry-moist	12	17
A257979	430079	6111467	mixed forest	near old road	gentle	S	15	25	55	5	orange-brown	moist	13	18
A257980	430529	6111507	mixed forest	none	gentle	S	25	35	35	5	orange-brown	dry	8	13
A257981	430584	6111512	mixed forest	none	gentle	S	25	45	25	5	light brown	dry	6	11
A257982	430634	6111512	mixed forest	none	gentle	S	30	40	20	5	light brown	dry	10	15
A257983	430680	6111516	mixed forest	none	gentle	SE	20	40	35	5	orange-brown	dry	7	12
A257984	430732	6111512	mixed forest	none	gentle	S	25	30	40	5	orange-brown	moist	13	18
A257985	430781	6111515	mixed forest	none	flat		30	30	35	5	orange-brown	moist	7	12
A257986	430830	6111465	mixed forest	none	flat		35	35	25	5	light brown	dry	14	19
A257987	430774	6111462	mixed forest	none	flat		35	35	25	5	orange-brown	dry	15	20
A257988	430685	6111456	mixed forest	none	flat		30	40	25	5	brown	dry-moist	6	11
A257989	430568	6111466	mixed forest	none	flat		30	30	35	5	orange-brown	dry	21	26
A257990	430636	6111412	coniferous forest	none	flat		20	25	50	5	orange-brown	dry-moist	9	14
A257991	430683	6111410	coniferous forest	none	flat		20	35	40	5	light brown	dry	8	13
A257992	430733	6111405	coniferous forest	none	flat		30	30	35	5	brown	dry	6	11
A257993	430783	6111412	coniferous forest	none	flat		25	30	40	5	orange-brown	dry	5	10
A257994	430829	6111410	coniferous forest	none	flat		30	30	35	5	orange-brown	moist	7	12
A257995	430877	6111408	coniferous forest	none	flat		30	35	30	5	orange-brown	dry-moist	13	18
A257996	430932	6111411	coniferous forest	none	flat		20	25	45	10	orange-brown	moist	13	18
A257997	430782	6111360	coniferous forest	none	flat		25	25	45	5	orange-brown	moist	11	16
A257998	430683	6111359	coniferous forest	none	flat		25	25	45	5	orange-brown	moist	7	12
A257999	430633	6111363	mixed forest	none	gentle	S	20	30	45	5	light brown	dry-moist	8	13
A258000	430584	6111360	coniferous forest	none	flat		15	25	55	5	orange-brown	moist	13	18
A415001	431434	6113868	mixed forest	none	gentle	N	20	15	55	10	brown	moist-wet	15	20
A415002	431436	6113761	coniferous forest	none	flat		15	20	50	15	grey-brown	wet	29	34
A415003	431438	6113661	mixed forest	none	flat		25	25	40	10	brown	wet	7	12
A415004	431439	6113567	coniferous forest	none	flat		25	30	40	5	orange-brown	dry	4	9
A415005	431441	6113467	coniferous forest	none	flat		10	25	60	5	orange-brown	dry-moist	10	15
A415006	431438	6113359	mixed forest	none	gentle	S	25	25	45	5	orange-brown	moist	9	14
A415007	431437	6113260	coniferous forest	none	flat		25	20	50	5	orange-brown	dry-moist	14	19
A415008	431436	6113162	mixed forest	none	gentle	W	15	25	55	5	brown	dry-moist	11	16
A415009	431438	6113066	mixed forest	none	flat		5	15	65	15	dark brown	moist	17	22
A415010	431443	6112959	mixed forest	none	gentle	SW	15	20	60	5	brown	moist	15	20
A415011	431450	6112850	mixed forest	none	gentle	SW	5	25	60	10	brown	moist	16	21
A415012	431443	6112764	deciduous forest	none	gentle	SW	5	10	40	45	black	wet	35	40
A415013	431432	6112660	deciduous forest	none	gentle	W	15	35	45	5	light brown	dry	29	34
A415014	431436	6112561	deciduous forest	none	gentle	W	25	25	45	5	light brown	dry	12	17
A415015	431437	6112457	mixed forest	none	gentle-moderate	SW	15	20	60	5	orange-brown	moist	6	11
A415016	431437	6112364	mixed forest	none	moderate-steep	S	20	25	50	5	light brown	dry-moist	15	20
A415017	431442	6112259	mixed forest	none	moderate	S	15	25	55	5	orange-brown	moist	16	21
A415018	431432	6112160	mixed forest	none	gentle	S	15	25	55	5	orange-brown	moist	11	16

Appendix 2

Sample	Easting	Northing	Landscape	Contamination	Slope	Direction	%Rock	%Sand	%Silt	%Organics	Colour	Moisture	From (cm)	To (cm)
A415019	432037	6113872	mixed forest	none	moderate	NW	20	35	40	5	light brown	dry	8	13
A415020	432034	6113757	mixed forest	none	moderate	N	20	30	45	5	light brown	dry	10	15
A415021	432039	6113663	mixed forest	none	flat		20	25	50	5	orange-brown	dry-moist	9	14
A415022	432040	6113558	mixed forest	none	moderate	SW	20	30	45	5	orange-brown	dry	17	22
A415023	432043	6113465	mixed forest	none	moderate	SW	20	35	40	5	light brown	dry	16	21
A415024	432045	6113360	mixed forest	none	moderate	S	25	30	40	5	brown	dry-moist	15	20
A415025	432035	6113260	mixed forest	none	moderate	E	20	25	50	5	orange-brown	moist	25	30
A415026	432041	6113165	mixed forest	none	moderate	E	25	25	45	5	brown	dry-moist	31	36
A415027	432040	6113065	mixed forest	none	gentle-moderate	N	20	20	55	5	brown	dry-moist	14	19
A415028	432042	6112961	mixed forest	none	gentle	W	20	25	50	5	brown	dry-moist	13	18
A415029	432031	6112867	mixed forest	none	gentle-moderate	E	30	15	50	5	brown	moist-wet	18	23
A415030	432038	6112763	mixed forest	none	gentle	N	30	30	35	5	light brown	dry	10	15
A415031	432042	6112669	mixed forest	none	flat		35	35	25	5	light brown	dry	13	18
A415032	432034	6112469	mixed forest	none	moderate	E	35	15	45	5	orange-brown	moist	7	12
A415033	432035	6112365	mixed forest	none	moderate-steep	S	30	35	30	5	light brown	dry	9	14
A415034	432044	6112266	mixed forest	none	moderate-steep	S	25	25	45	5	brown	moist	12	17
A415035	432041	6112190	mixed forest	none	moderate	S	30	30	35	5	brown	moist	8	13
A415036	430285	6112159	mixed forest	near old road	gentle-moderate	N	30	30	35	5	light brown	dry	22	27
A415037	430228	6112158	mixed forest	none	gentle	N	20	25	50	5	orange-brown	dry-moist	12	17
A415038	430181	6112163	mixed forest	none	gentle	N	20	25	50	5	orange-brown	dry	13	18
A415039	430179	6112105	mixed forest	none	gentle	N	15	25	55	5	orange-brown	dry-moist	14	19
A415040	430234	6112108	mixed forest	none	gentle	N	15	30	50	5	orange-brown	dry	11	16
A415041	430282	6112113	mixed forest	none	gentle	N	20	35	40	5	light brown	dry	13	18
A415042	430347	6112107	mixed forest	near old road	gentle-moderate	N	15	25	55	5	brown	dry-moist	8	13
A415043	430383	6112117	mixed forest	near old road	gentle	N	5	10	40	45	black	wet	41	46
A415044	430438	6112111	mixed forest	none	moderate-steep	N	10	30	55	5	brown	moist	24	29
A415045	430485	6112110	mixed forest	none	moderate-steep	N	10	25	60	5	orange-brown	dry-moist	16	21
A415046	430532	6112112	mixed forest	none	moderate-steep	N	15	25	55	5	orange-brown	dry-moist	13	18
A415047	430583	6112115	mixed forest	none	moderate	N	15	30	50	5	orange-brown	dry	12	17
A415048	430634	6112106	mixed forest	none	moderate-steep	N	20	25	50	5	orange-brown	moist	17	22
A415049	430682	6112106	mixed forest	none	steep	N	20	30	45	5	brown	moist	19	24
A415050	430683	6112159	mixed forest	none	moderate	N	20	40	35	5	orange-brown	moist	20	25
A415051	430629	6112162	mixed forest	none	moderate	N	20	30	45	5	orange-brown	mosit	30	35
A415052	430581	6112163	mixed forest	none	moderate-steep	N	25	20	50	5	orange-brown	moist	18	23
A415053	430483	6112158	mixed forest	none	moderate	N	15	40	40	5	light brown	dry	14	19
A415054	430419	6112166	mixed forest	none	moderate	NE	15	20	60	5	brown	dry-moist	29	34
A415055	430382	6112160	mixed forest	near old road	gentle	N	20	30	45	5	orange-brown	dry	17	22
A415056	430177	6112209	mixed forest	none	gentle-moderate	N	15	35	45	5	orange-brown	dry-moist	6	11
A415057	430233	6112206	mixed forest	none	gentle	N	20	35	40	5	orange-brown	dry	11	16
A415058	430285	6112208	mixed forest	none	gentle-moderate	N	20	35	40	5	orange-brown	dry	13	18
A415059	430332	6112207	mixed forest	none	moderate	N	20	30	45	5	orange-brown	dry	11	16
A415060	430368	6112207	mixed forest	none	moderate	N	25	30	40	5	light brown	dry	9	14
A415061	430433	6112208	mixed forest	none	moderate	N	20	25	50	5	brown	dry-moist	13	18
A415062	431446	6111757	mixed forest	none	moderate	N	25	35	35	5	orange-brown	dry	15	20
A415063	431439	6111665	coniferous forest	none	gentle	N	15	20	60	5	orange-brown	dry-moist	4	9
A415064	431437	6111562	coniferous forest	none	steep	N	25	30	40	5	light brown	dry	13	18
A415065	431637	6111562	mixed forest	none	steep	N	30	25	40	5	orange-brown	dry	15	20
A415066	431641	6111666	coniferous forest	none	moderate	N	20	20	55	5	orange-brown	dry-moist	7	12
A415067	431644	6111760	coniferous forest	none	moderate	N	15	30	50	5	brown	dry	9	14
A415068	431839	6111858	coniferous forest	none	moderate-steep	NW	25	35	35	5	light brown	dry	3	8
A415069	431835	6111763	coniferous forest	none	steep	NW	30	35	30	5	light brown	dry	5	10
A415070	431836	6111668	mixed forest	none	steep	NW	20	25	50	5	brown	dry	12	17
A415071	431839	6111568	mixed forest	none	steep	NW	20	35	40	5	brown	dry	6	11
A415072	432039	6111560	coniferous forest	none	gentle	NE	25	30	40	5	orange-brown	dry	7	12
A415073	432048	6111671	mixed forest	none	steep	N	45	20	30	5	light brown	dry	7	12
A415074	432044	6111865	coniferous forest	none	moderate	N	20	10	65	5	orange-brown	dry	3	8
A415075	432064	6111946	mixed forest	none	moderate	N	30	30	35	5	orange-brown	dry	6	11
A415076	431640	6113864	coniferous forest	none	gentle	W	15	20	60	5	orange-brown	moist	4	9

Appendix 2

Sample	Easting	Northing	Landscape	Contamination	Slope	Direction	%Rock	%Sand	%Silt	%Organics	Colour	Moisture	From (cm)	To (cm)
A415077	431638	6113761	coniferous forest	none	moderate	W	35	30	30	5	light brown	dry	8	13
A415078	431640	6113662	mixed forest	none	moderate	S	40	30	25	5	light brown	dry	3	8
A415079	431643	6113564	mixed forest	none	gentle-moderate	N	25	25	40	10	brown	moist	33	38
A415080	431637	6113462	mixed forest	none	moderate	E	50	20	25	5	brown	dry	21	26
A415081	431640	6113362	coniferous forest	none	flat		30	15	50	5	orange-brown	moist	17	22
A415082	431633	6113264	mixed forest	none	moderate	SE	35	20	40	5	orange-brown	moist	24	29
A415083	431635	6113156	coniferous forest	none	gentle	S	30	35	30	5	orange-brown	dry	11	16
A415084	431631	6113059	mixed forest	none	gentle	SW	20	20	55	5	orange-brown	moist	38	43
A415085	431634	6112963	mixed forest	none	moderate	SW	25	30	40	5	orange-brown	dry	8	13
A415086	431634	6112860	mixed forest	none	gentle-moderate	SW	20	15	60	5	brown	moist	17	22
A415087	431642	6112764	mixed forest	none	gentle	SW	20	20	55	5	light brown	moist	41	46
A415088	431638	6112663	mixed forest	none	gentle	SW	20	15	55	10	orange-brown	moist	16	21
A415089	431647	6112553	mixed forest	none	moderate	S	35	30	30	5	light brown	dry	12	17
A415090	431636	6112458	mixed forest	none	steep	S	25	25	45	5	brown	dry-moist	17	22
A415091	431643	6112364	mixed forest	none	steep	SE	45	25	25	5	brown	moist	15	20
A415092	431636	6112266	mixed forest	none	moderate-steep	S	35	35	25	5	light brown	dry	4	9
A415093	431640	6112169	mixed forest	none	flat		30	30	35	5	orange-brown	moist	6	11
A415094	430183	6112262	mixed forest	none	gentle-moderate	N	20	25	50	5	orange-brown	dry	13	18
A415095	430239	6112265	mixed forest	none	gentle	N	25	35	35	5	light brown	dry	19	24
A415096	430287	6112257	mixed forest	none	moderate	NW	35	40	20	5	light brown	dry	9	14
A415097	430383	6112265	mixed forest	none	moderate	N	30	25	40	5	orange-brown	dry	12	17
A415098	430434	6112252	mixed forest	none	gentle	N	30	20	45	5	orange-brown	dry-moist	17	22
A415099	430486	6112265	mixed forest	none	gentle	SE	20	15	60	5	orange-brown	moist	13	18
A415100	430583	6112254	mixed forest	none	gentle	N	35	10	50	5	orange-brown	wet-saturated	15	20
A415101	430688	6112205	mixed forest	none	gentle	N	15	15	65	5	orange-brown	moist	19	24
A415102	430629	6112208	mixed forest	none	gentle	N	20	20	55	5	orange-brown	moist	15	20
A415103	430582	6112204	mixed forest	none	gentle	NE	20	20	55	5	orange-brown	moist	24	29
A415104	430530	6112204	mixed forest	none	gentle-moderate	N	15	15	65	5	orange-brown	moist-wet	14	19
A415105	430476	6112204	mixed forest	none	moderate	N	25	20	50	5	orange-brown	dry-moist	15	20

APPENDIX 3

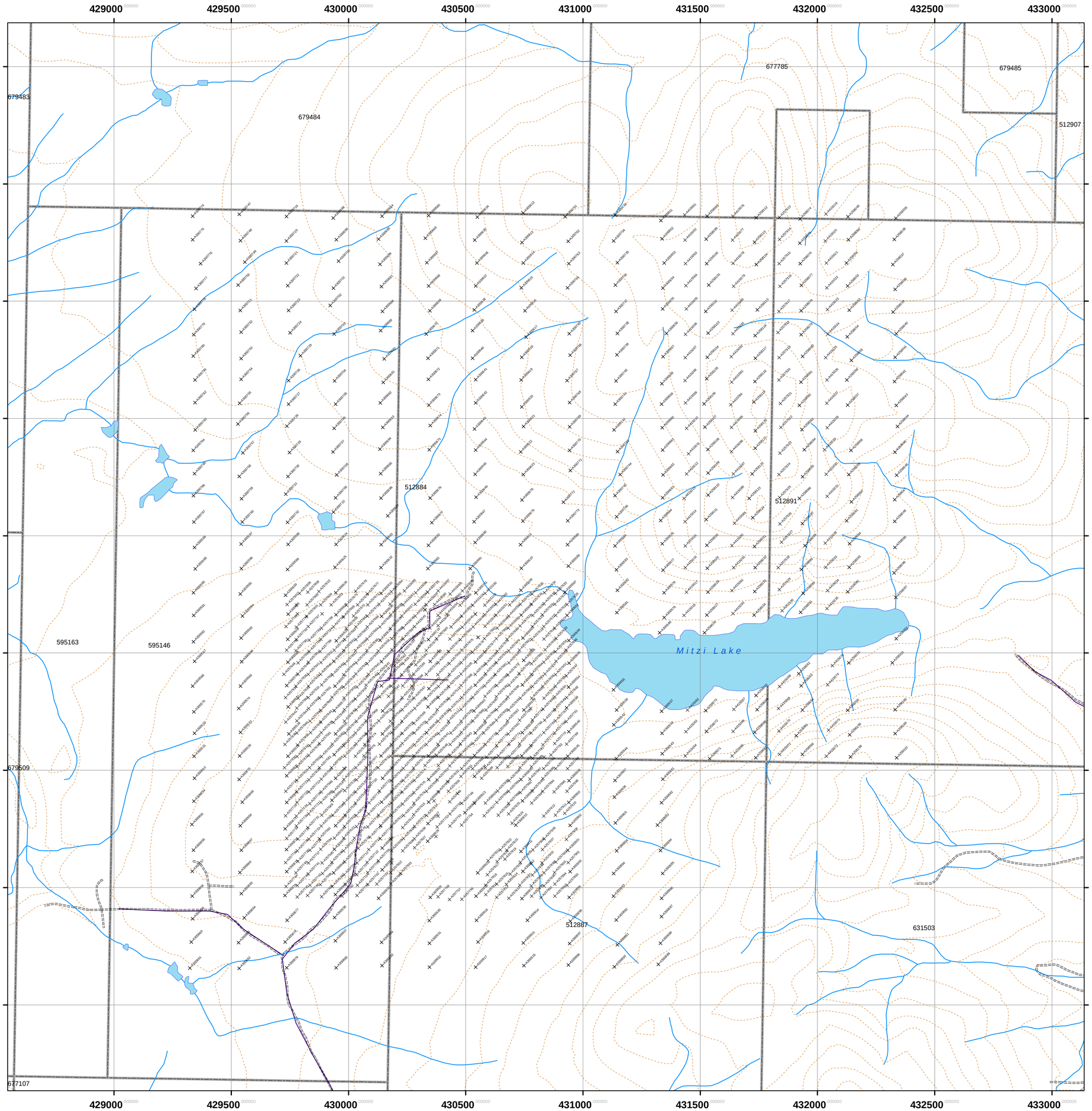
STATEMENT OF EXPENDITURES

Exploration Work type	Comment	Days			Totals
Personnel (Name)* / Position	**Field Days (list actual days)**	**Days**	**Rate**	**Subtotal***	
Kory Dumas / Geologist	June 18 - July 28, 2010	37	$350.00	$12,950.00	
John Sam / Assistant	June 18 - July 28, 2010	37	$275.00	$10,175.00	
Kory Dumas / Geologist	June 10 - Sept 15, 2009	67	$350.00	$23,450.00	
John Sam / Assistant	June 10 - Sept 15, 2009	67	$275.00	$18,425.00	
			$0.00	$0.00	
				$65,000.00	**$65,000.00**
Office Studies	**List Personnel (note - Office only, do not include field days**				
Literature search			$0.00	$0.00	
Database compilation			$0.00	$0.00	
Computer modelling			$0.00	$0.00	
Reprocessing of data	Kory Dumas	5.0	$350.00	$1,750.00	
General research			$0.00	$0.00	
Report preparation	David Heberlein	60.0	$125.00	$7,500.00	
Other (specify)				$0.00	
				$9,250.00	**$9,250.00**
Geochemical Surveying	**Number of Samples**	**No.**	**Rate**	**Subtotal**	
Drill (cuttings, core, etc.)			$0.00	$0.00	
Stream sediment			$0.00	$0.00	
Soil	*note: This is for assays or*	2005	$21.70	$43,508.50	
Rock	*laboratory costs*		$0.00	$0.00	
Water			$0.00	$0.00	
Biogeochemistry			$0.00	$0.00	
Whole rock			$0.00	$0.00	
Petrology			$0.00	$0.00	
Other (specify)			$0.00	$0.00	
				$43,508.50	**$43,508.50**
Transportation		**No.**	**Rate**	**Subtotal**	
Airfare	4 roundtrip flights	4	$650.00	$2,600.00	
Taxi			$0.00	$0.00	
truck rental	4 months @ $1800/month	4	$1,800.00	$7,200.00	
kilometers			$0.00	$0.00	
ATV	2 ATV's @ $50/day	208	$100.00	$20,800.00	
fuel		1150	$1.10	$1,265.00	
Helicopter (hours)			$0.00	$0.00	
Fuel (litres/hour)			$0.00	$0.00	
Other					
				$31,865.00	**$31,865.00**
Accommodation & Food	**Rates per day**				
Hotel			$0.00	$0.00	
Camp	2 men x 104 field days	208	$100.00	$20,800.00	
Meals	(includes meals and camp staff)		$0.00	$0.00	
				$20,800.00	**$20,800.00**

Miscellaneous				
Telephone		$0.00	$0.00	
Other (Specify)				
			$0.00	**$0.00**
Equipment Rentals				
Field Gear (Specify)			$3,974.16	
Other (Specify)				
			$3,974.16	**$3,974.16**
Freight, rock samples				
	Freight		$1,546.66	
			$1,546.66	**$1,546.66**
TOTAL Expenditures				**$175,944.32**

APPENDIX 5

GEOGHEMICAL MAPS



Legend

- 2009-2010_Sample_Locations
- Claim Boundary

N

0 250 500 1,000 Meters

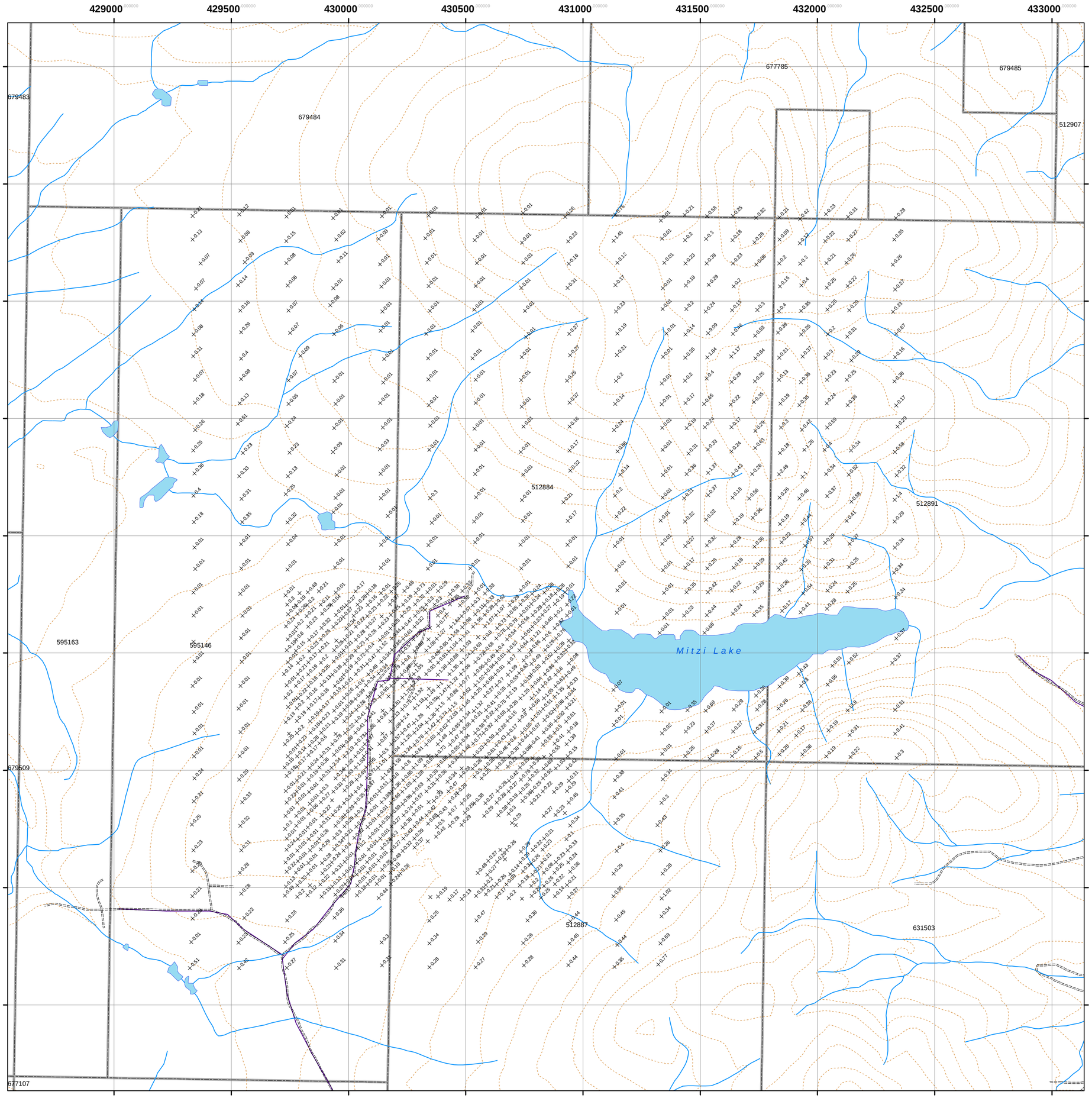
TERRANE METALS CORP

MOUNT MILLIGAN PROJECT

2009-2010 Mitzi Lake Soil Grid

Sample Location Map

D. R. Heberlein	Projection: NAD 83, Zone 10N	April, 2011



Legend

× Soil Sample Location

Claim Boundary

N

Meters

0 250 500 1,000

SCALE 1:10,000

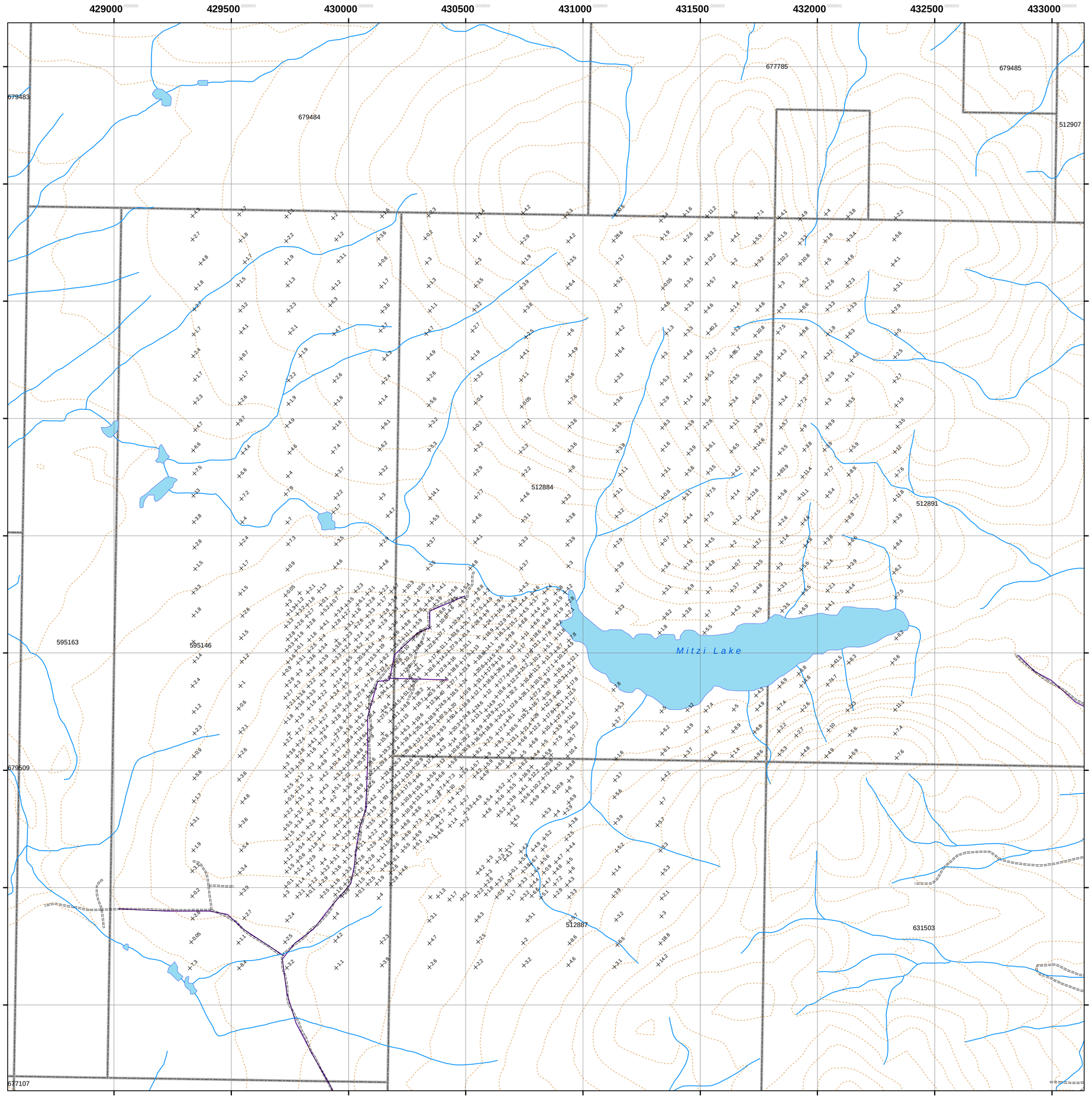
TERRANE METALS CORP

MOUNT MILLIGAN PROJECT

2009-2010 Mitzi Lake Soil Grid

Antimony (ppm)

D. R. Heberlein	Projection: NAD 83, Zone 10N	April, 2011



Legend

× Soil Sample Location

Claim Boundary

N

0 250 500 1,000 Meters

SCALE 1:10,000

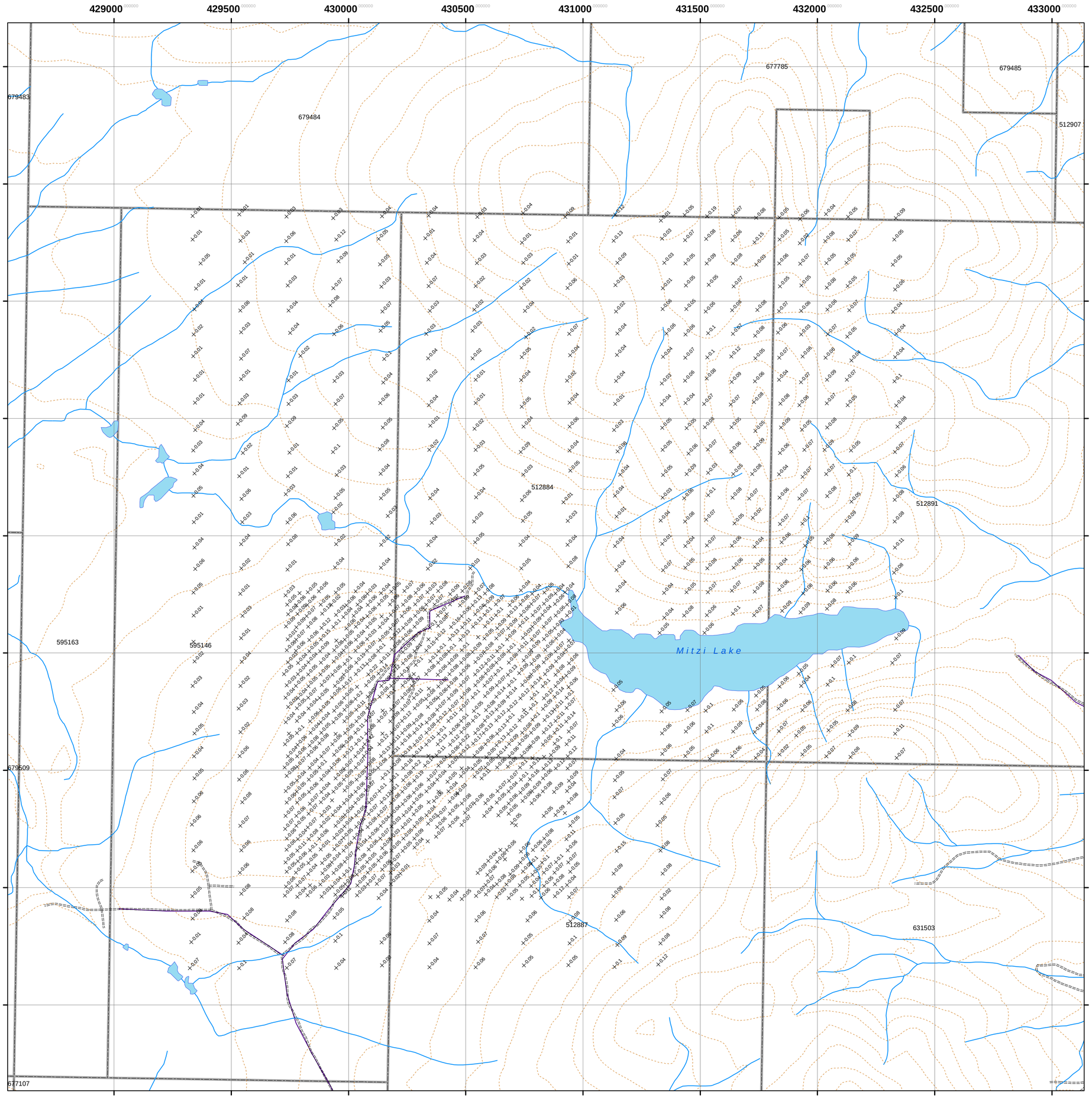
TERRANE METALS CORP

MOUNT MILLIGAN PROJECT

2009-2010 Mitzi Lake Soil Grid

Arsenic (ppm)

D. R. Heberlein	Projection: NAD 83, Zone 10N	April, 2011



Legend

× Soil Sample Location

Claim Boundary

N

0 250 500 1,000 Meters

SCALE 1:10,000

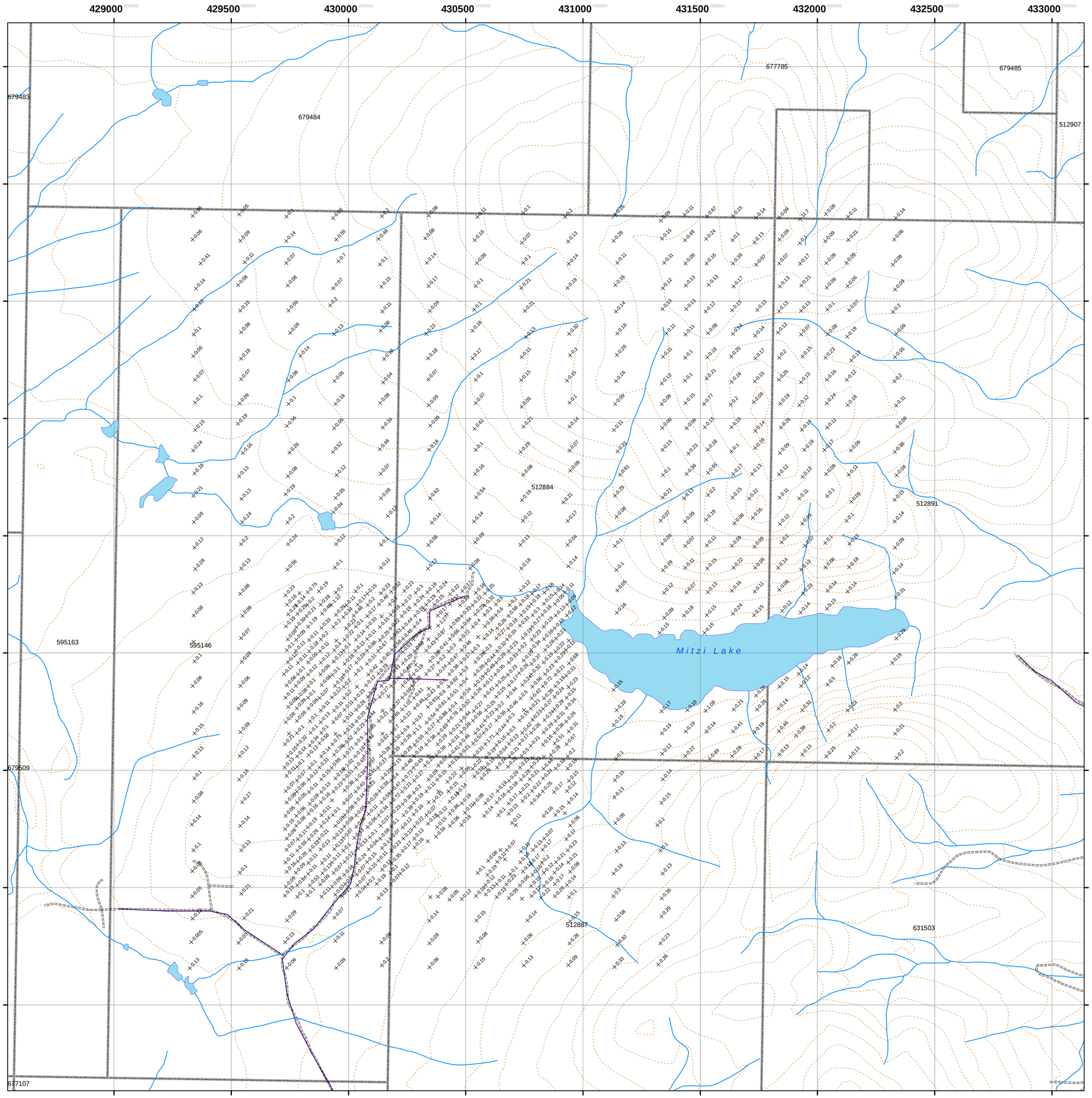
TERRANE METALS CORP

MOUNT MILLIGAN PROJECT

2009-2010 Mitzi Lake Soil Grid

Bismuth (ppm)

D. R. Heberlein	Projection: NAD 83, Zone 10N	April, 2011



Legend

× Soil Sample Location

Claim Boundary

N

Meters

0 250 500 1,000

SCALE 1:10,000

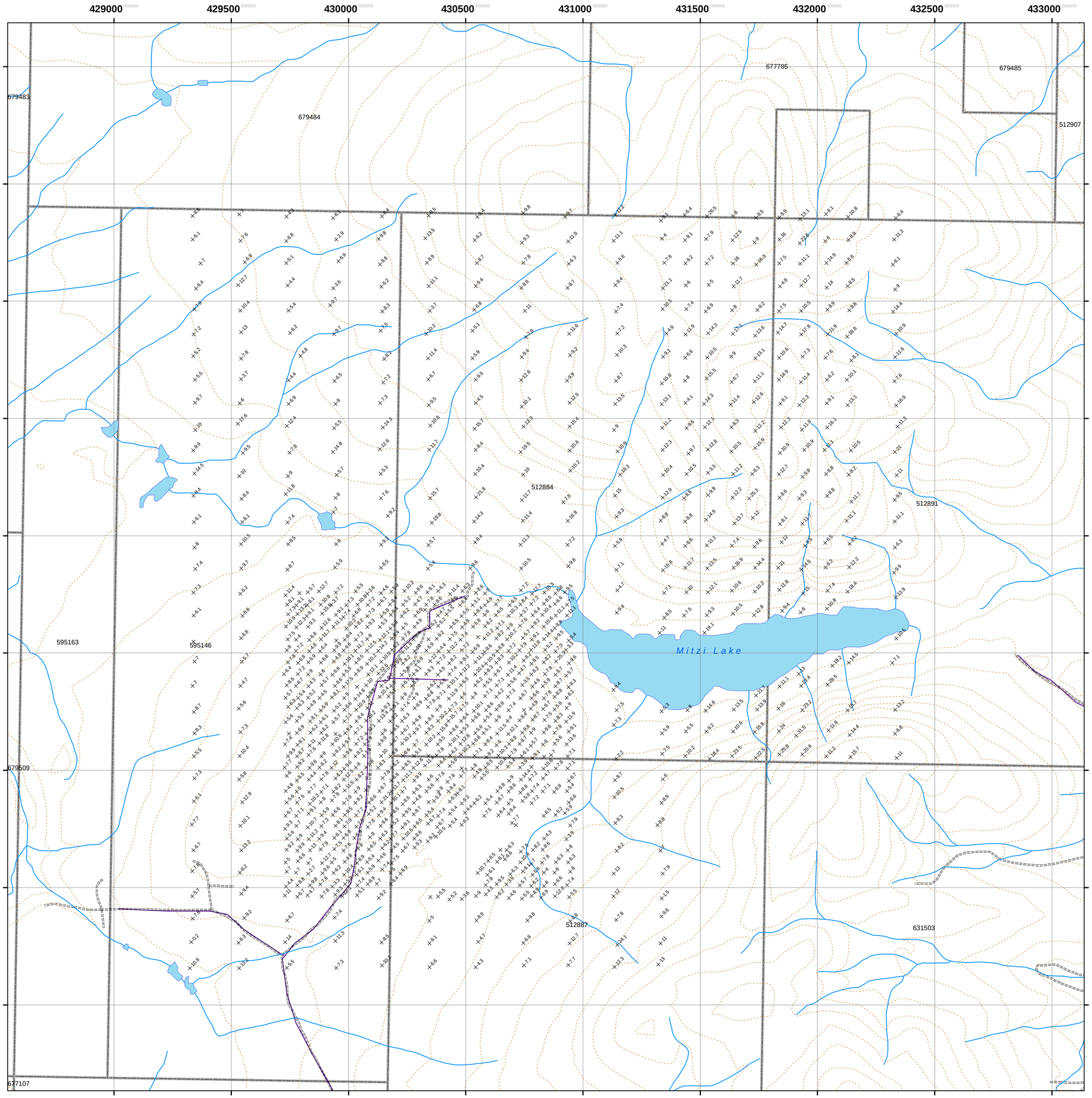
TERRANE METALS CORP

MOUNT MILLIGAN PROJECT

2009-2010 Mitzi Lake Soil Grid

Cadmium (ppm)

D. R. Heberlein	Projection: NAD 83, Zone 10N	April, 2011



Legend

× Soil Sample Location

Claim Boundary

N

0 250 500 1,000 Meters

SCALE 1:10,000

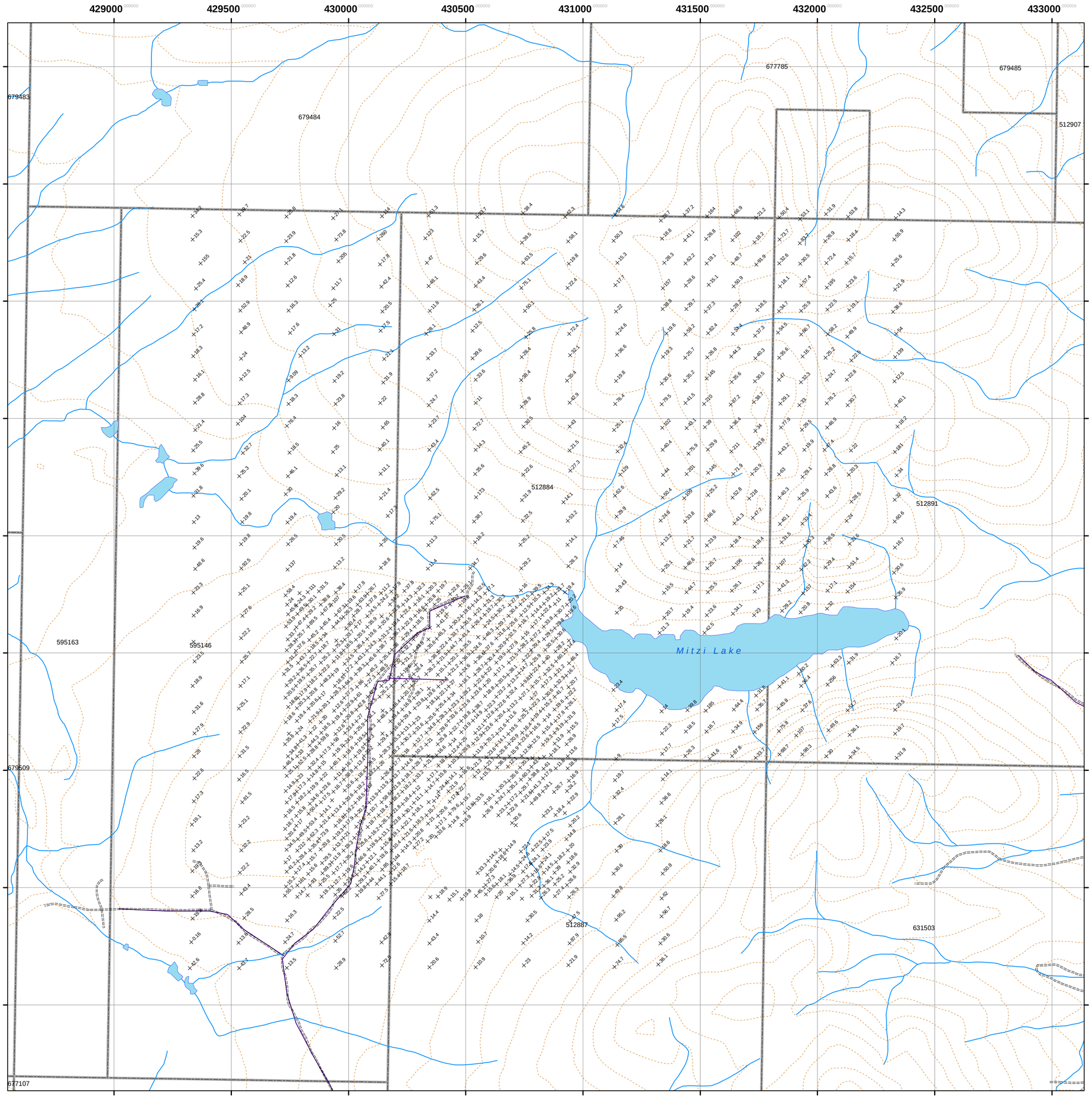
TERRANE METALS CORP

MOUNT MILLIGAN PROJECT

2009-2010 Mitzi Lake Soil Grid

Cobalt (ppm)

D. R. Heberlein	Projection: NAD 83, Zone 10N	April, 2011



Legend

× Soil Sample Location

Claim Boundary

N

Meters

0 250 500 1,000

SCALE 1:10,000

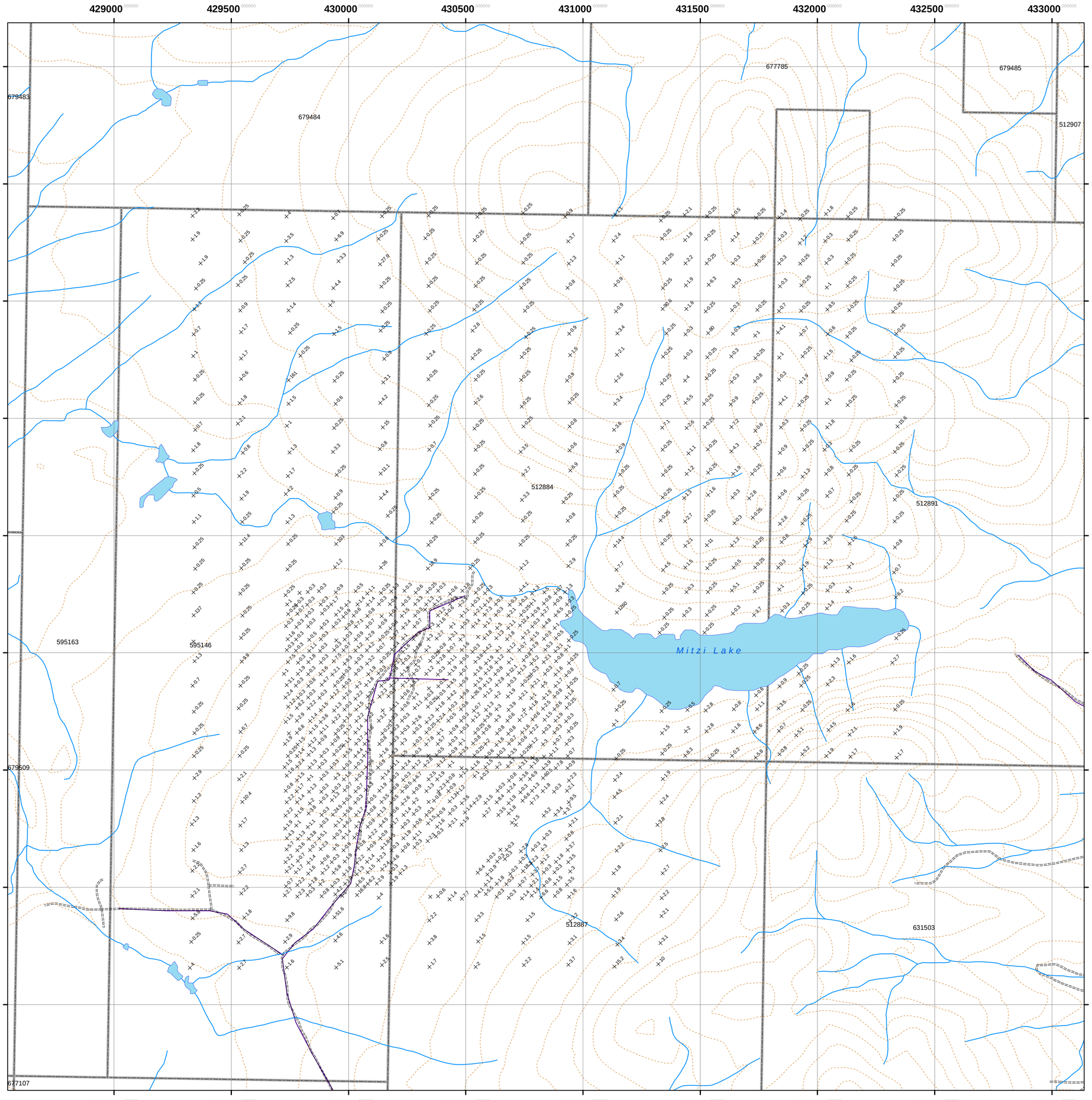
TERRANE METALS CORP

MOUNT MILLIGAN PROJECT

2009-2010 Mitzi Lake Soil Grid

Copper (ppm)

D. R. Heberlein	Projection: NAD 83, Zone 10N	April, 2011



Legend

× Soil Sample Location

Claim Boundary

N

0 250 500 1,000 Meters

SCALE 1:10,000

TERRANE METALS CORP

MOUNT MILLIGAN PROJECT

2009-2010 Mitzi Lake Soil Grid

Gold (ppb)

D. R. Heberlein	Projection: NAD 83, Zone 10N	April, 2011

429000 429500 430000 430500 431000 431500 432000 432500 433000

6114500 6114000 6113500 6113000 6112500 6112000 6111500 6111000 6110500

679483 679484 677785 679485 512907 595163 595146 679509 512884 512891 512887 631503 677107

Mitzi Lake

Legend

× Soil Sample Location

Claim Boundary

N

0 250 500 1,000 Meters

SCALE 1:10,000

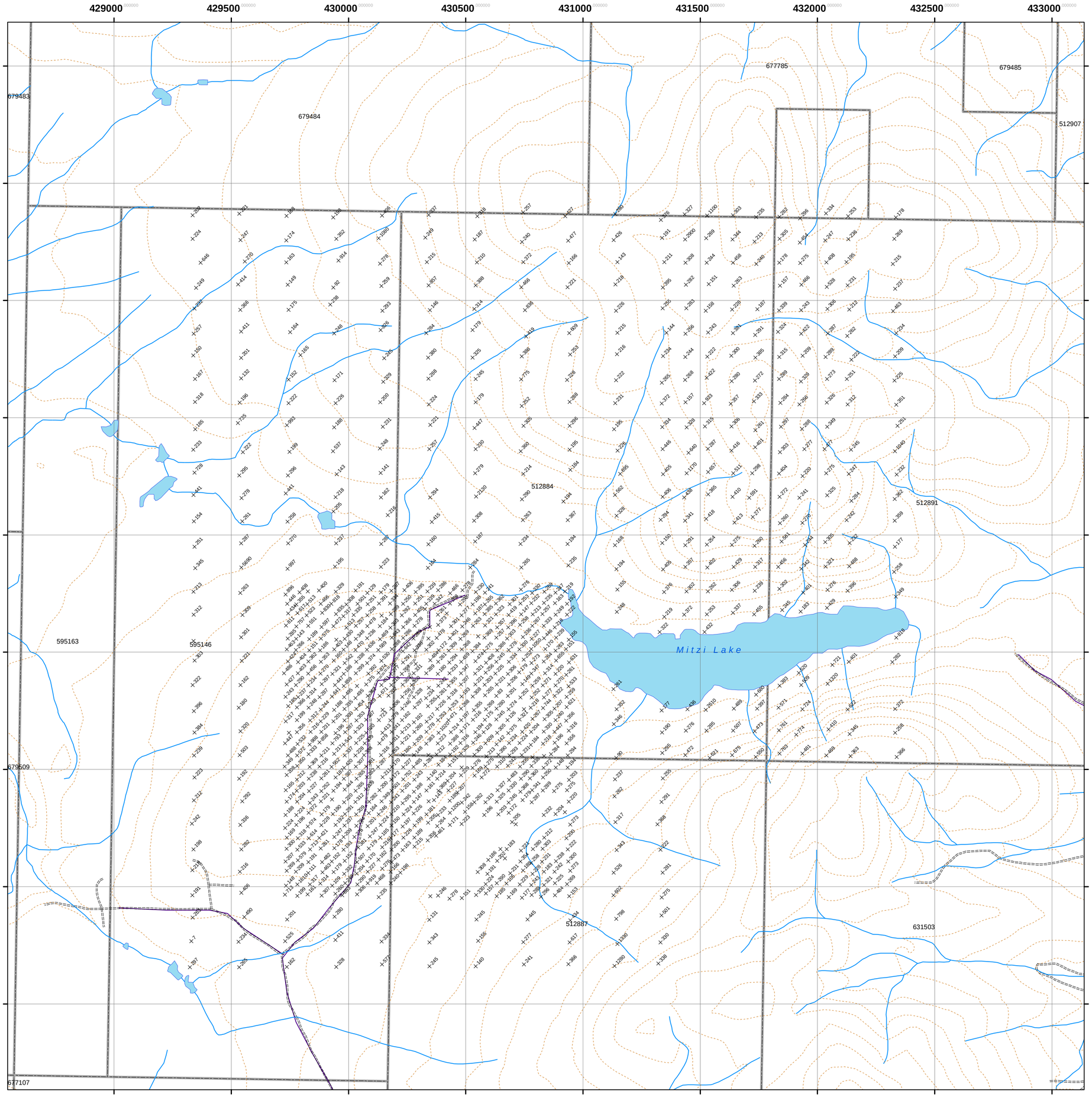
TERRANE METALS CORP

MOUNT MILLIGAN PROJECT

2009-2010 Mitzi Lake Soil Grid

Lead (ppm)

D. R. Heberlein	Projection: NAD 83, Zone 10N	April, 2011



Legend

× Soil Sample Location

Claim Boundary

N

Meters

0 250 500 1,000

SCALE 1:10,000

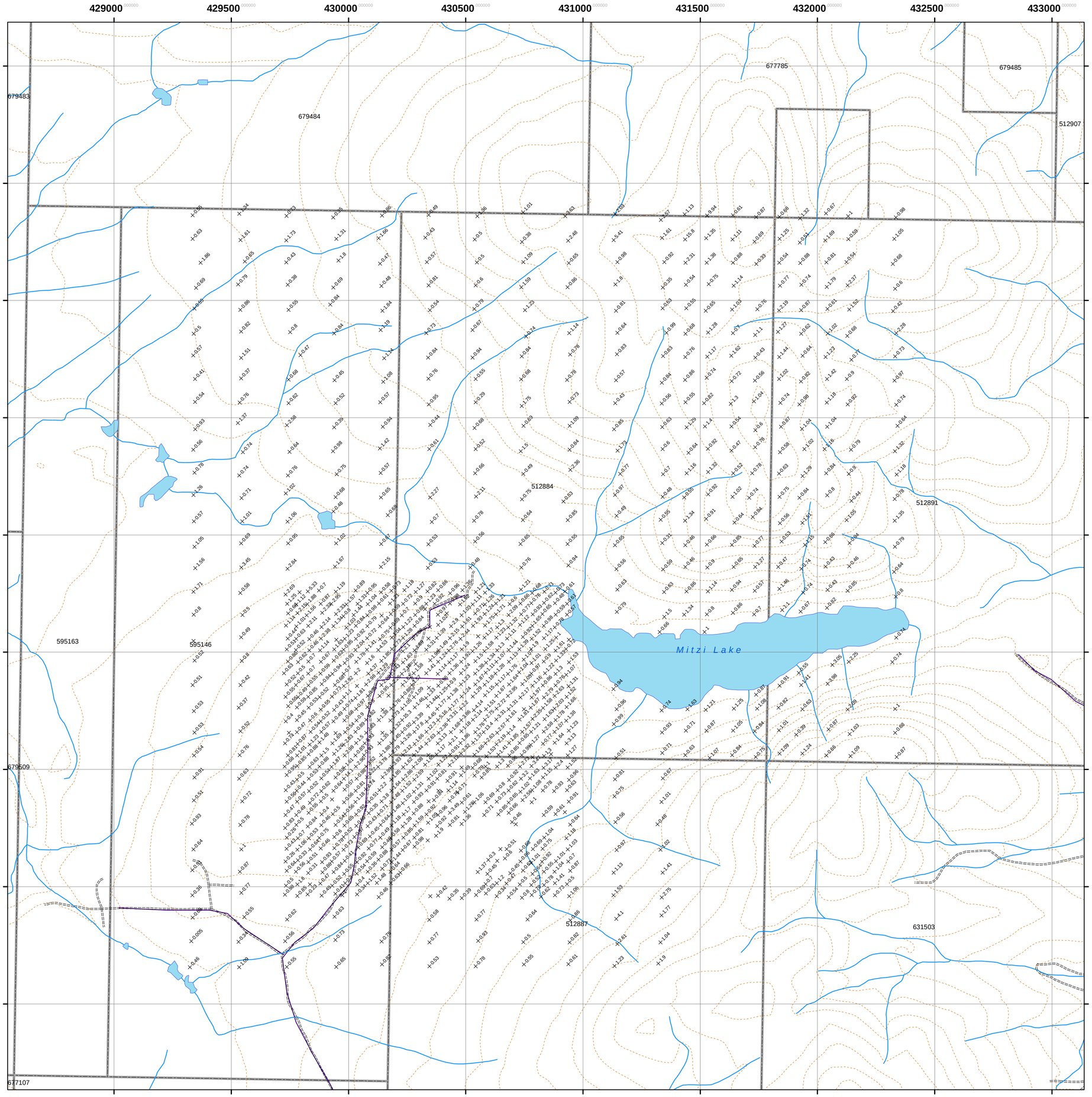
TERRANE METALS CORP

MOUNT MILLIGAN PROJECT

2009-2010 Mitzi Lake Soil Grid

Manganese (ppm)

D. R. Heberlein	Projection: NAD 83, Zone 10N	April, 2011



Legend

× Soil Sample Location

Claim Boundary

N

Meters

0 250 500 1,000

SCALE 1:10,000

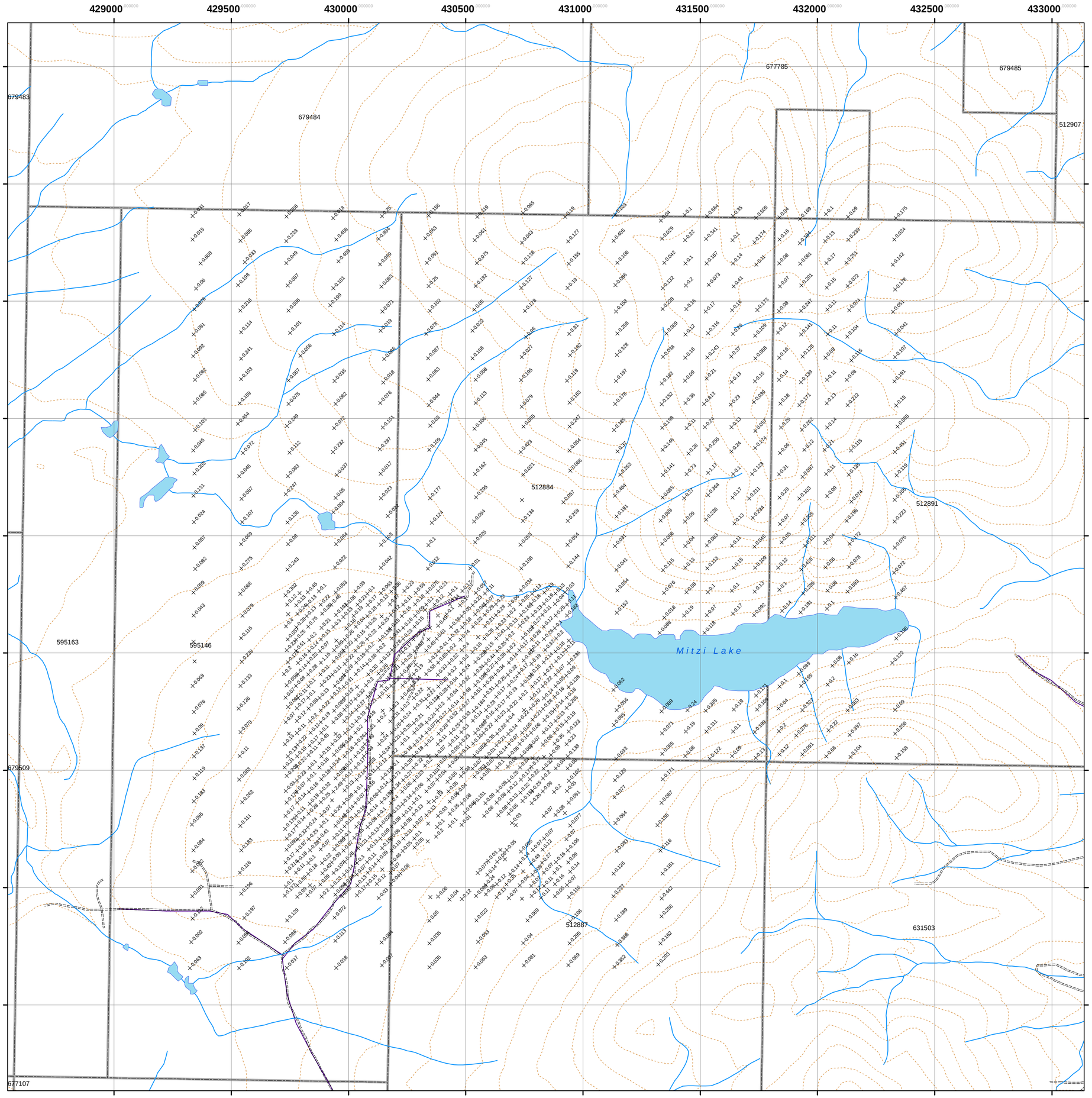
TERRANE METALS CORP

MOUNT MILLIGAN PROJECT

2009-2010 Mitzi Lake Soil Grid

Molybdenum (ppm)

D. R. Heberlein	Projection: NAD 83, Zone 10N	April, 2011



Legend

× Soil Sample Location

Claim Boundary

N

Meters

0 250 500 1,000

SCALE 1:10,000

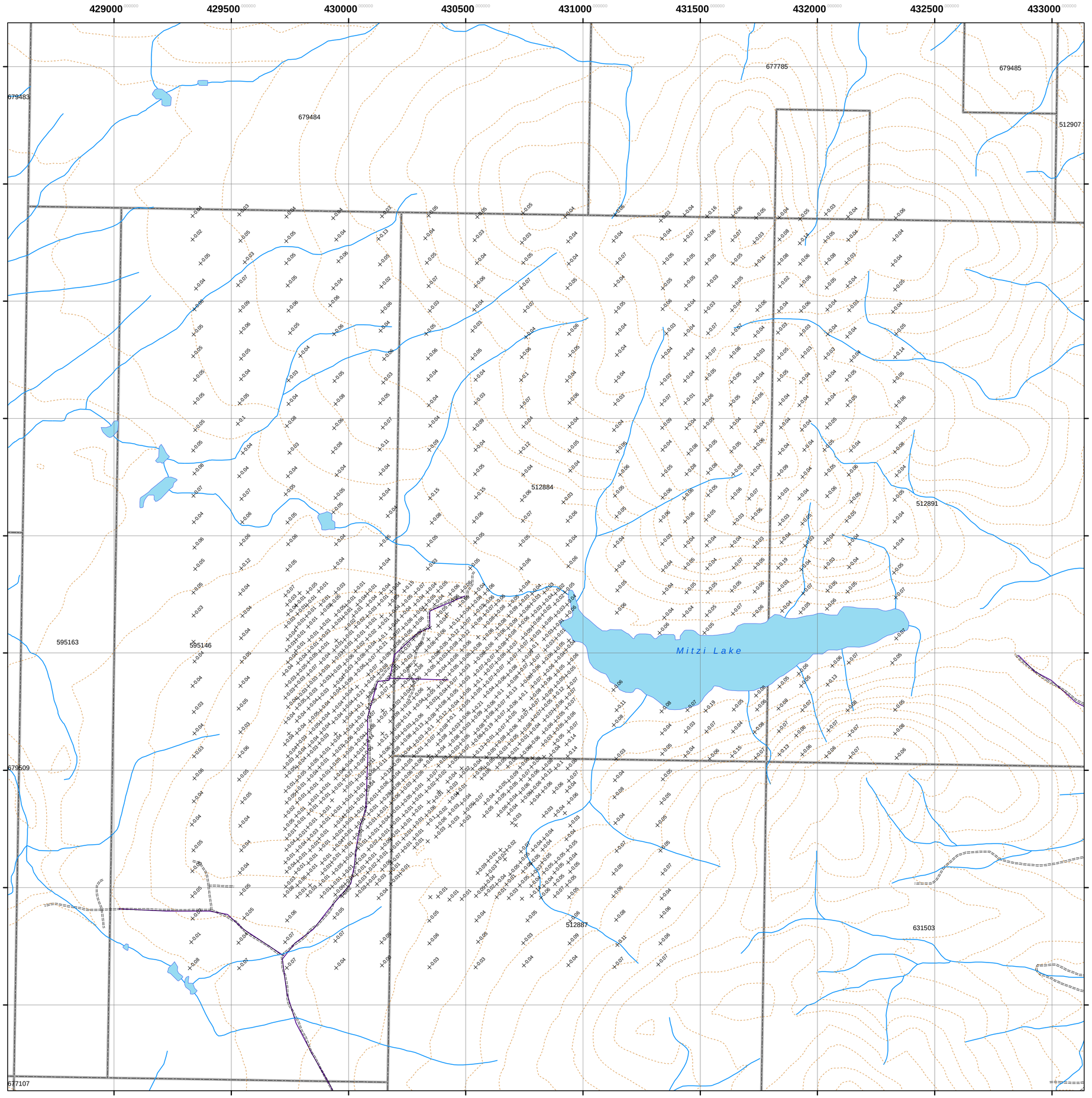
TERRANE METALS CORP

MOUNT MILLIGAN PROJECT

2009-2010 Mitzi Lake Soil Grid

Silver (ppm)

D. R. Heberlein	Projection: NAD 83, Zone 10N	April, 2011



Legend

× Soil Sample Location

Claim Boundary

N

0 250 500 1,000 Meters

SCALE 1:10,000

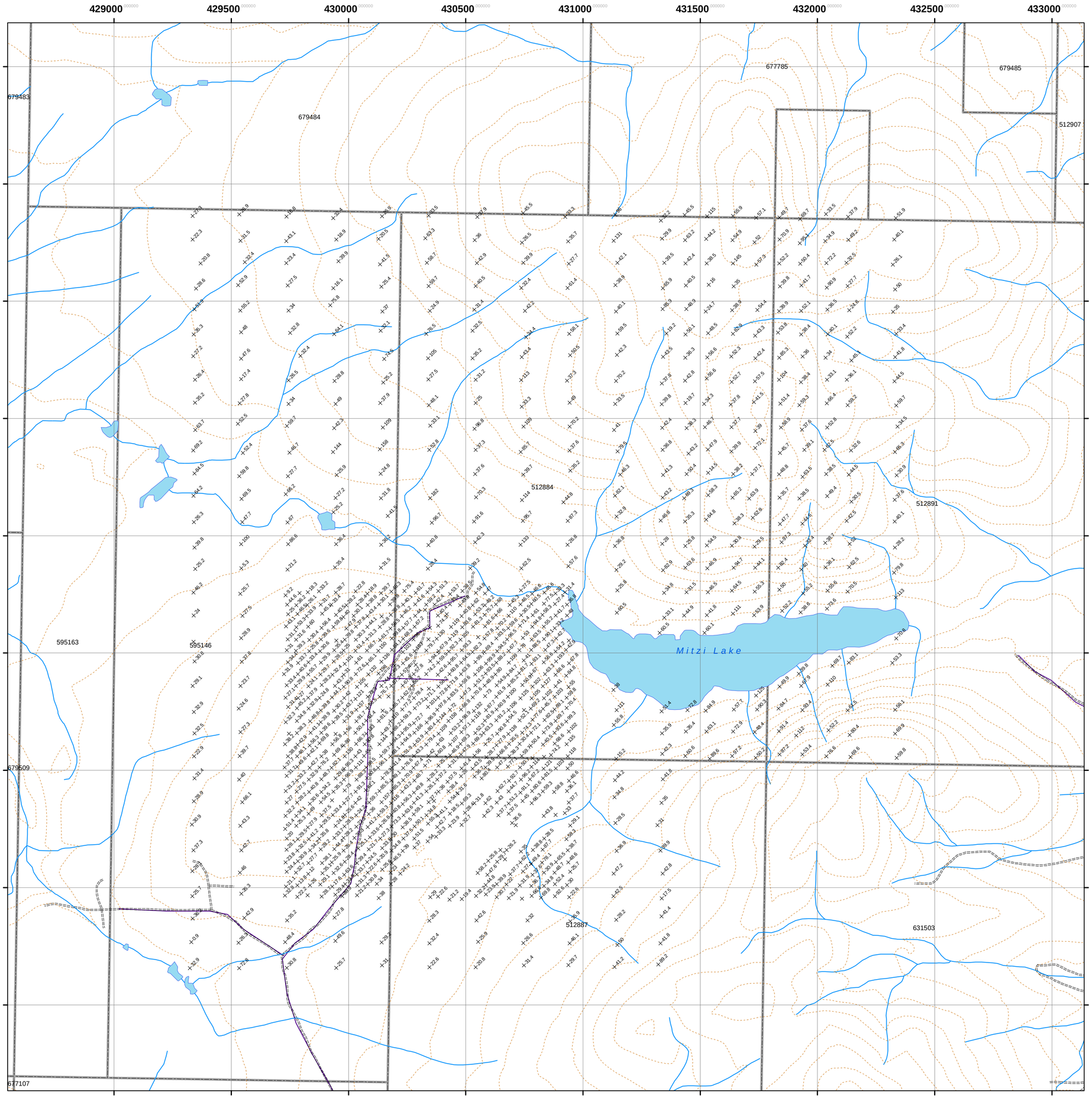
TERRANE METALS CORP

MOUNT MILLIGAN PROJECT

2009-2010 Mitzi Lake Soil Grid

Thallium (ppm)

D. R. Heberlein	Projection: NAD 83, Zone 10N	April, 2011



Legend

× Soil Sample Location

Claim Boundary

N

0 250 500 1,000 Meters

SCALE 1:10,000

TERRANE METALS CORP

MOUNT MILLIGAN PROJECT

2009-2010 Mitzi Lake Soil Grid

Zinc (ppm)

D. R. Heberlein	Projection: NAD 83, Zone 10N	April, 2011