

Ministry of Energy & Mines
Energy & Minerals Division
Geological Survey Branch

**ASSESSMENT REPORT
TITLE PAGE AND SUMMARY**

TITLE OF REPORT (type of survey(s)) GEOCHEMICAL WORK PERFORMED ON THE HUGE EAST PROPERTY TOTAL COST 30,585.99

AUTHOR(S) TAYLOR JOHNSON, AMY KERCKHOFF, SIGNATURE(S) [Signature]
MARK REBAGLIATI P.ENG, DAVID YEAGER P.GEO [Signature]

NOTICE OF WORK PERMIT NUMBER(S)/DATE(S) _____ YEAR OF WORK 2008

STATEMENT OF WORK - CASH PAYMENT EVENT NUMBER(S)/DATE(S) Event #4251346 December 11, 2008

PROPERTY NAME HUGE EAST

CLAIM NAME(S) (on which work was done) HUGE EAST 3-6

COMMODITIES SOUGHT COPPER

MINERAL INVENTORY MINFILE NUMBER(S), IF KNOWN _____

MINING DIVISION OMINECA NTS 94D/01

LATITUDE 56° 10' 01" LONGITUDE 126° 07' 31" (at centre of work)

OWNER(S)
1) AMARC RESOURCES LTD 2) _____

MAILING ADDRESS
1020-800 WEST PENDER ST.
VANCOUVER, B.C. V6C 2V6

OPERATOR(S) [who paid for the work]
1) AMARC RESOURCES LTD 2) _____

MAILING ADDRESS

PROPERTY GEOLOGY KEYWORDS (lithology, age, stratigraphy, structure, alteration, mineralization, size and attitude):

SITLIKA ASSEMBLAGE
PERMIAN TO UPPER JURASSIC SEDIMENTARY AND VOLCANIC ROCKS
VOLCANOGENIC MASSIVE SULPHIDE OCCURRENCES

REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS AR 29669

(OVER)

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-kilometres)			
Ground			
Magnetic _____			
Electromagnetic _____			
Induced Polarization _____			
Radiometric _____			
Seismic _____			
Other _____			
Airborne _____			
GEOCHEMICAL			
(number of samples analysed for ...)			
Soil _____	605	HUGE EAST 3-6 546153, 546154, 546157, , 546160	30,585.99
Silt _____			
Rock _____			
Other _____			
DRILLING			
(total metres; number of holes, size)			
Core _____			
Non-core _____			
RELATED TECHNICAL			
Sampling/assaying _____			
Petrographic _____			
Mineralographic _____			
Metallurgical _____			
PROSPECTING (scale, area) _____			
PREPARATORY/PHYSICAL			
Line/grid (kilometres) _____			
Topographic/Photogrammetric (scale, area) _____			
Legal surveys (scale, area) _____			
Road, local access (kilometres)/trail _____			
Trench (metres) _____			
Underground dev. (metres) _____			
Other _____			
TOTAL COST			30,585.99

Assessment Report on
Geochemical Work

Performed on the Huge East Property

Claims: HUGE EAST 2-6
Tenure Numbers: 546152-546154, 546157, 546160
Owner/Operator: Amarc Resources Ltd.

Located in the Omineca Mining Division

NTS: 94D/01
BCGS: 094D.010, 094D.020, 094D.030

Centred at approximately
56° 10' 01" N Latitude
126° 07' 31" W Longitude
6,228,396 m N, 678,482 m E
UTM NAD 83, Zone 9

Authors:
Taylor Johnson, BA (Geology)
Amy Kerckhoff, BSc (Honours Geology)
Mark Rebagliati, P. Eng.
David A. Yeager, P.Geo.

December 19, 2008

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1.0 SUMMARY

The Huge East property is located in central British Columbia in the Omineca Mining Division. The 1,243 hectare property consists of five claims that were staked in November 2006. The claims are owned 100% by Amarc Resources Ltd. The property is situated approximately 225 km northwest of Fort St. James, B.C., on NTS map sheet 94D/01. There is no road access to the property, however, the property is within 20 km of B.C. Forest Service Roads.

The Huge East property is underlain by a sequence of volcanic, sedimentary, metamorphic and intrusive rocks of the upper Paleozoic to lower Mesozoic Sitlika Assemblage. The Sitlika Assemblage has been correlated with the Kutcho Creek formation, which hosts the Kutcho Creek massive sulphide deposit approximately 300 km to the north.

Geochemical work was performed on the Huge East claims in August and September, 2008. A total of 605 soil samples were collected during two phases of sampling.

Stream bank soil sampling in the southeast quadrant of the property identified high copper concentrations in soil that was substantiated by a follow-up soil sampling grid. Stream bank sampling in the north-central portion of the property identified a multi-element anomaly that remains open to the north.

Recommendations are included for a follow-up program of additional soil geochemistry, geologic mapping and prospecting.

2.0 INTRODUCTION

This report documents the results of soil sampling performed on the Huge East property. Work was conducted in two phases, phase 1 on August 7 and 8, 2008, and phase 2 on September 15 and 16, 2008.

3.0 LOCATION AND ACCESS

The Huge East property is situated in central British Columbia in the Omineca Mining Division. The property is located on NTS map 94D/01, and on BCGS maps 094D.010, 094D.020 and 094D.030. The centre of the claim group is approximately 225 km northwest of Fort St. James, B.C., at 56° 10' 01" N Latitude, 126° 07' 31" W Longitude, or UTM NAD 83, Zone 9, at 6,228,396 m N and 678,482 m E (Figure 3.1).

The property is not accessible by road. During the 2008 field season, crews accessed the property by helicopter from the Silver Creek Camp. The camp is accessible from Fort St. James via the Tachie Highway northwest from fort St. James to Leo Creek Forest Service Road (FSR). The Leo Creek FSR is followed to the Driftwood FSR. The Driftwood FSR follows Silver Creek south to Silver Creek Camp. The Huge East target is 60 km northwest of the camp by helicopter (Figure 3.1).

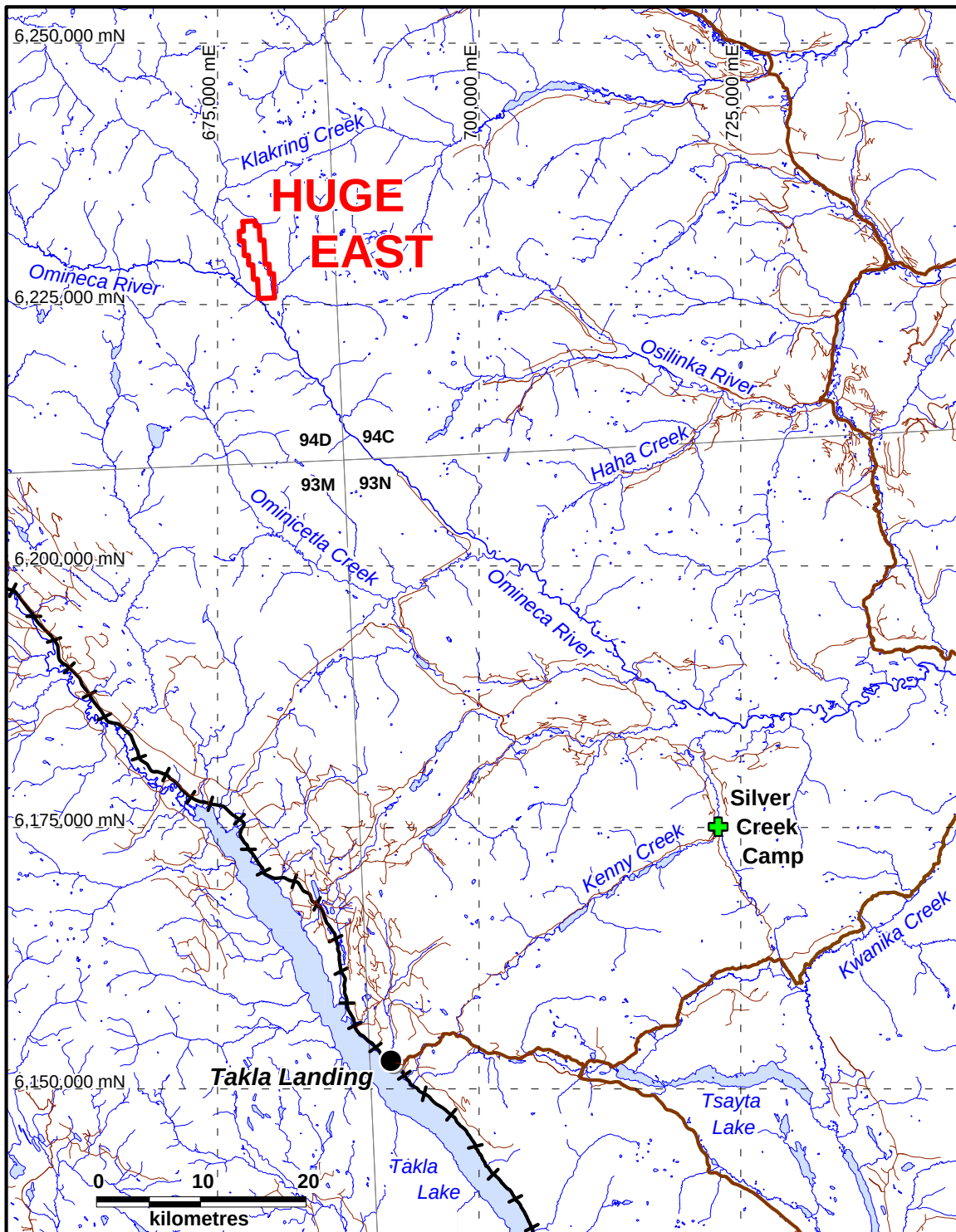
4.0 PHYSIOGRAPHY AND CLIMATE

The Huge East property is situated in the Fort St. James Forest District of the Northern Interior Forest Region. The general topography is mountainous with intermittent lakes, swamps and marshes. The southern portion of the claims straddles the Omineca River. The northern portion of the claims covers west-facing slopes of Carruthers Creek. Elevations range from 940 to 1820 m above sea level. The area is forested primarily with lodgepole pine, spruce, and blue Douglas fir, with balsam at higher elevations and scattered patches of aspen. Mature balsam stands are present.

Average temperatures in Fort St. James are 18.2°C in summer and -11.3°C in winter, with annual rainfall averaging 29.5 cm and annual snowfall averaging 192.3 cm, respectively (Environment Canada Climate Weather Office Public Website http://www.climate.weatheroffice.ec.gc.ca/climate_normals/index_1961_1990_e.html).

5.0 CLAIMS

The HUGE EAST property consists of five claims covering an area of 1,242.814 hectares (Figure 5.1). The claims were staked in November, 2006, for Amarc Resources Ltd. (FMC #146093). Amarc owns 100% of the claims listed in Table 5.1, below. Work in 2008 was carried out on tenure numbers 546153, 546154, 546157 and 546160.



- Property boundary
- Gravel road
- Logging road
- + + Railway



Amarc Resources Ltd.

HUGE EAST

Location

NTS: 94D/01

BCGS: 94D.020

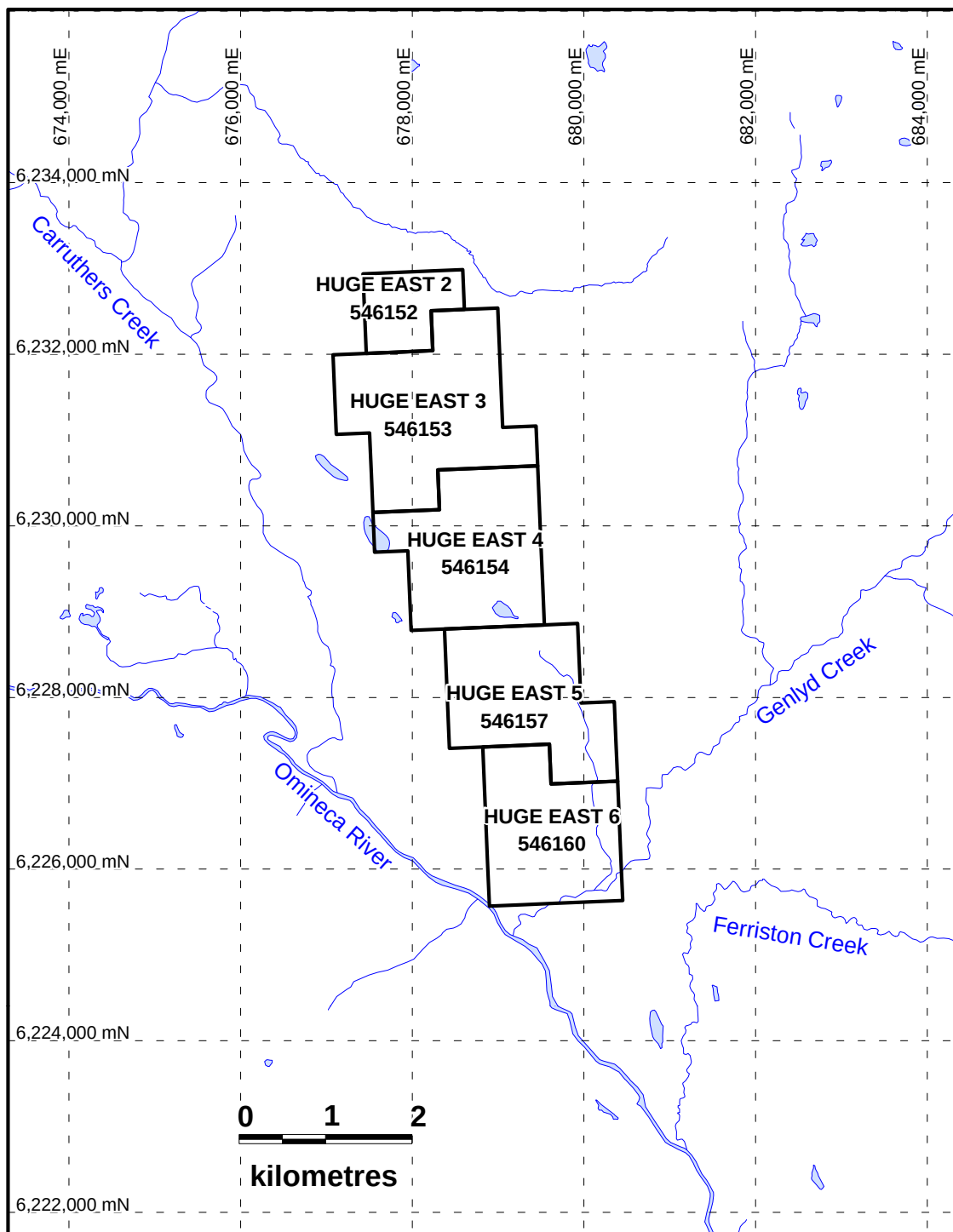
Figure 3.1

Date: December 16, 2008

Scale 1 : 600 000

HUGEE_AssRpt_Loco_Dec08.wor
UTM NAD 83, Zone 9

Plotted by : AK



Amarc Resources Ltd.

HUGE EAST Claims

NTS: 94D/01

BCGS: 94D.020, 030

Figure 5.1

Date: December 16, 2008

Scale 1 : 75 000

HUGEEAST_AssRpt_claims_Dec1608.WOR
UTM NAD 83, Zone 9

Plotted by : AK

Table 5.1 Huge East Claims

Tenure Number	Claim Name	Issue Date	Expiry Date	Area (ha)
546152	HUGE EAST 2	30-Nov-06	31-Dec-08	89.988
546153	HUGE EAST 3	30-Nov-06	31-Dec-08	342.054
546154	HUGE EAST 4	30-Nov-06	31-Dec-08	288.161
546157	HUGE EAST 5	30-Nov-06	31-Dec-08	270.267
546160	HUGE EAST 6	30-Nov-06	31-Dec-08	252.344

6.0 EXPLORATION HISTORY

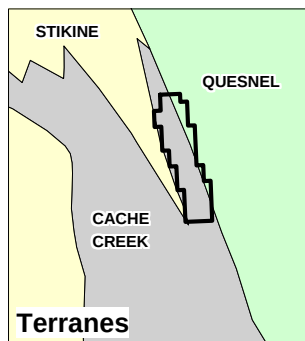
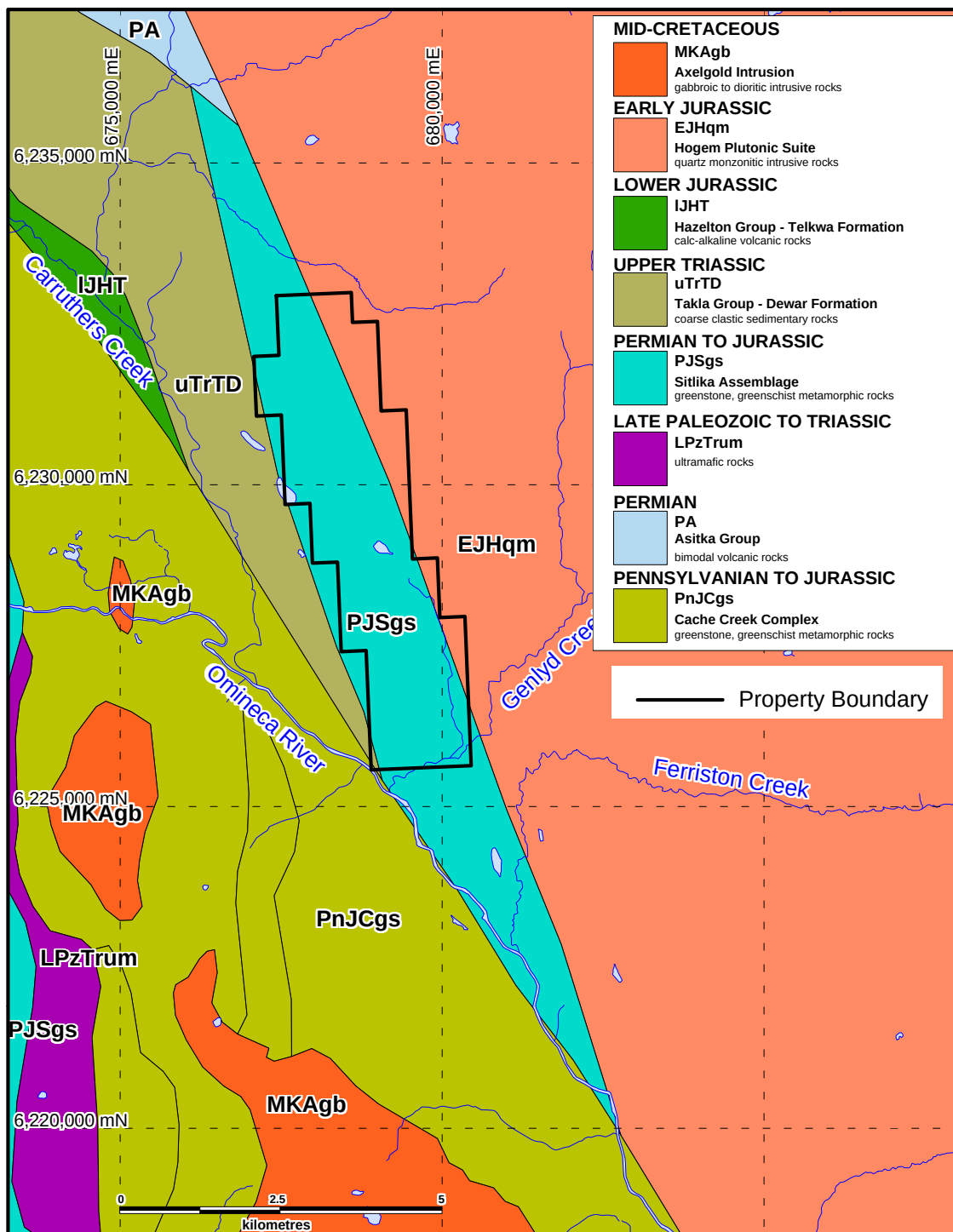
A silt survey was undertaken in 2007 by Amarc Resources on the Huge East claims. The work is documented in Assessment Report No. 29669. No other previous work has been filed for assessment on the Huge East claims.

7.0 REGIONAL GEOLOGY

The Huge East property is primarily underlain by the Permian to Jurassic Sitlika assemblage, part of the Cache Creek Terrane (Figure 7.1). In this area, the Sitlika assemblage is bounded on the west by upper Triassic Takla sedimentary rocks of Stikine Terrane, and Pennsylvanian to Jurassic metamorphic rocks of the Cache Creek Complex. The eastern contact of the Sitlika assemblage is with the Early Jurassic Hogem batholith of Quesnel Terrane.

Paterson (1974) divided the Sitlika assemblage into three subdivisions: the volcanic unit, the eastern clastic unit and the western clastic unit. The Permian to early Triassic volcanic unit comprises greenschist facies mafic to felsic flow and fragmental rocks, comagmatic mafic to felsic intrusions, and subordinate sedimentary rocks that include sandstone, slate and chert. The Triassic to Jurassic Eastern clastic unit is composed of variably foliated siltstone, sandstone and conglomerate containing felsic volcanic and plutonic clasts; medium to dark grey slate and phyllite. It also locally includes foliated limestone, limestone conglomerate and green chloritic phyllite. The middle to upper Jurassic Western clastic unit consists of dark grey slate, foliated chert pebble conglomerate and chert grain sandstone. It also contains lesser amounts of foliated limestone and grey phyllite with flattened sedimentary and volcanic lithic granules. The current interpretation (Schiarizza and MacIntyre, 1999) suggests that the western and eastern clastic assemblages are equivalent structural repetitions.

A near vertical, north-south trending schistosity penetrates the majority of the lithologies in the Sitlika assemblage. It represents an axial planar cleavage that reflects folding during a Late Jurassic - Early Cretaceous structural event.



Amarc Resources Ltd.

HUGE EAST

Regional Geology

NTS: 94D/01

BCGS: 94D.020, 030

Figure 7.1

Date: December 16, 2008

Scale 1 : 100 000

HUGEEAST_AssRpt_RegGeol_Dec1608.WOR
 UTM NAD 83, Zone 9

Plotted by : AK

Correlation of the Sitlika assemblage with the Kutcho assemblage, another deformed Permo-Triassic volcanic arc approximately 300 km to the north, was first suggested by Monger, et.al. (1978). Monger and his co-workers suggested that the Kutcho assemblage was originally part of the Sitlika assemblage, but was separated and displaced north along Late Cretaceous to Early Tertiary strike slip faults. The Kutcho assemblage hosts the Kutcho Creek Cu-Zn-Ag-Au volcanogenic massive sulfide deposit.

8.0 GEOCHEMISTRY

In 2007, a silt sampling program identified two areas of anomalous copper values that were deemed worthy of follow-up.

In 2008, a total of 605 soil samples were collected on the Huge East property in two phases (Table 8.1, Figures 8.0.1 and 8.0.2). Initial bank soil samples were collected between August 7 and August 8, 2008 on two separate streams. One stream is located in the northern portion of the property on Huge East 3 & 4 (tenures 546153 & 546154). The second stream is located in the southern portion of the property on Huge East 5 & 6 (tenures 546157 & 546160). On September 15 and 16, 2008, a second phase of soil sampling established a grid on the southerly stream target between 6,226,700 N and 6,227,800 N.

Table 8.1 2008 Soil Sampling Program

Number of Samples	Sample Type	Sample Interval	Phase	Dates of Sampling	Figure
237	Stream bank	25 m	1	August 7 & 8, 2008	8.0.1
368	Grid	25 m	2	September 15 & 16, 2008	8.0.2

8.1 Soil Geochemistry

Soil sample locations were indicated in the field using pink and blue flagging and Tyvek tags labeled with the grid coordinates and sample number. UTM coordinates were determined for all sample locations with handheld Garmin GPS instruments. Sample spacings of 25 m were used. The start position of each grid cross line was determined with a GPS instrument and subsequent stations were located by compass and hip chain, then GPS recorded. Soil samples were collected with a mattock or hand auger. Approximately 0.5 kg of material was placed into 10 cm x 15 cm Kraft paper sample bags. In most cases, the B horizon was sampled, but in a few rocky locations the C or a combined B/C horizon was sampled. Talus fines were collected where scree slopes precluded the development of a standard soil profile in steeper terrain. Samples were shipped to the Acme Analytical preparation lab in Smithers for drying and sieving before shipment to Acme's lab in Vancouver, B. C., where they were analyzed.

All samples were analysed for 36 elements by Inductively Coupled Plasma - Mass Spectrometry (Appendix A). Results are listed on the Acme Analytical Laboratories Ltd. (Acme) Geochemical Analysis Certificates contained in Appendix B.

8.2 Soil Sample Results

Anomalous silt geochemistry from 2007 was followed up in 2008 by stream bank soil sampling and subsequent grid soil sampling (Figure 8.2.1). On the southern stream, bank soil results show high copper concentrations in soils from both banks extending 800 m along the length of the stream. A 750 m by 1000 m soil grid of 200 m line spacing and 25 m sample spacing was centred over the bank sample anomaly. The soil grid substantiated the bank sample copper anomaly over its full indicated length of 800 m (Figure 8.2.1), but widths of only 25-125 m indicate a relatively narrow, recessive source. Some elevated silver, mercury and potassium values are also associated with the copper anomaly.

The northern stream exhibits a 200 m long zone of bank sample values greater than 200 ppm Cu. Minor elevated zinc, arsenic, mercury and molybdenum are associated with this anomaly.

Simple statistical parameters for copper are presented in Table 8.2.1, below.

Table 8.2.1 Soil Statistics

	Cu (ppm)
Minimum	4.9
Maximum	1047.3
Mean	81.9
Median	58.2
Standard Deviation	80.6
Mean+SD1	162.5
Mean+SD2	243.1
Mean+SD3	323.7
Number of Samples	605

9.0 RECOMMENDATIONS

Follow-up is warranted in the area of anomalous copper concentrations in grid and stream bank soil samples on the southern creek. Geological mapping and prospecting is recommended to determine the source and character of any mineralization and/or alteration that may be responsible for the anomalous geochemistry.

A grid soil sampling program is recommended to determine the extent of the multi-element anomaly in stream bank soil samples in the northern creek. Geological mapping and prospecting of this area is also suggested.

10.0 REFERENCES

- Environment Canada Climate Weather Office Public Website, accessed January 3, 2008:
http://www.climate.weatheroffice.ec.gc.ca/climate_normals/index_1961_1990_e.html
- Monger, J.W.H., Richards, T.A., and Paterson, I.A. (1978): The Hinterland Belt of the Canadian Cordillera: New data from northern and central British Columbia; Canadian Journal of Earth Sciences, Volume 15, p. 823-30.
- Patterson, I.A. 1974: Geology of the Cache Creek Group and Mesozoic Rocks at the North End of Stuart Lake Belt, central British Columbia; *in* Report of Activities, November 1973 to March 1974, Geological Survey of Canada, Paper 74-1, part B, p. 31-42.
- Plouffe, A. (1997): Ice flow and late glacial lakes of the Fraser Glaciation, central British Columbia; *in* Cordillera and Pacific margin; Interior Plains and arctic Canada / Cordillère et marge du Pacifique; Plaines intérieures et régions arctique du Canada. Geological Survey of Canada, Current Research no. 1997-A/B, 1997; p. 1331-43.
- Schiarizza, P., and MacIntyre, D., 1999: Geology of the Babine Lake – Takla Lake Area, Central British Columbia (93K/11, 12, 13, 14; 93N/3, 4, 5, 6). Geological Fieldwork 1998, Ministry of Energy and Mines, Paper 1999-1, p. 33-68.

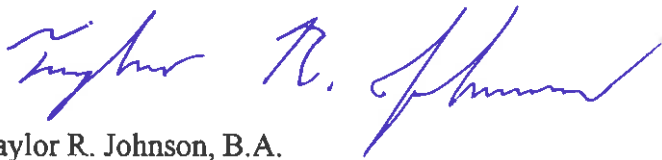
11.0 STATEMENTS OF AUTHORS' QUALIFICATIONS

STATEMENT OF QUALIFICATIONS

I, *Taylor R. Johnson*, do hereby state:

1. That I am a Geological Assistant for Hunter Dickinson Inc., with offices located at 1020 – 800 West Pender Street, Vancouver, B.C.
2. That I received a B.A. in Geology from Whitman College, Walla Walla, WA, USA in 2007.
3. That I am an author of this report.

Signed on the 19th day of December, 2008.



Taylor R. Johnson, B.A.

STATEMENT OF QUALIFICATIONS

I, *Amy Kerckhoff*, of Vancouver, British Columbia, hereby certify that:

1. I am an exploration geologist employed by Hunter Dickinson Inc. of 1020 - 800 West Pender Street, Vancouver, B.C., V6C 2V6.
2. I received a B.Sc (Honours) degree in Geological Sciences from Queen's University, Kingston, Ontario in 2003.
3. I am an author of this report and am also responsible for the technical figures.

Signed on the 19th day of December, 2008

A handwritten signature in blue ink, appearing to read 'A Kerckhoff', with a stylized, cursive script.

Amy Kerckhoff, B.Sc. (Honours Geology)

STATEMENT OF QUALIFICATIONS

I, **M. Rebagliati**, P. Eng. Of Vancouver, British Columbia, Canada, do hereby state that:

1. I am a consulting geological engineer and President of Rebagliati Geological Consulting Ltd with offices at 317-2200 Highbury St, Vancouver, British Columbia, Canada.
2. I am a member of the Association of Professional Engineers and Geoscientists of the Province of British Columbia, holding License Number 8352.
3. I graduated with a B.Sc. in geological engineering from Michigan Technological University, Houghton, Michigan, USA in 1969.
4. I have worked as an exploration geologist for a total of 39 years since my graduation from university.
5. I have read the definition of “qualified person” set out in National Instrument 43-101 (“NI 43-101”) and certify that by reason of my education, affiliation with a professional association (as defined by NI 43-101) and past relevant work experience, I fulfill the requirements to be a “qualified person” for the purposes of NI 43-101.
6. I am the Technical Manager directing activities on the Bodine Property for Amarc Resources Ltd.

Signed on the 19th day of December, 2008



Mark Rebagliati, PEng., P.Geo.

STATEMENT OF QUALIFICATIONS

I, *David A. Yeager*, do hereby state:

1. That I am the Corporate Coordinator of Amarc Resources Ltd., with offices located at 1020 – 800 West Pender Street, Vancouver, B.C.
2. That I am a member of the Association of Professional Engineers and Geoscientists of the Province of British Columbia holding License Number 19855.
3. That I am a graduate of the University of British Columbia (B.Sc., 1972) and have been employed as an exploration and mining geologist since that time.
4. That my experience has given me considerable knowledge in geological, geochemical and geophysical prospecting techniques as well as in the planning, execution and evaluation of exploration drilling programs.
5. That the accompanying Statement of Costs is an accurate statement of expenditures on the project.

Signed on the 19th day of December, 2008

DAY 

David A. Yeager, P.Geo.

12.0 STATEMENT OF COSTS

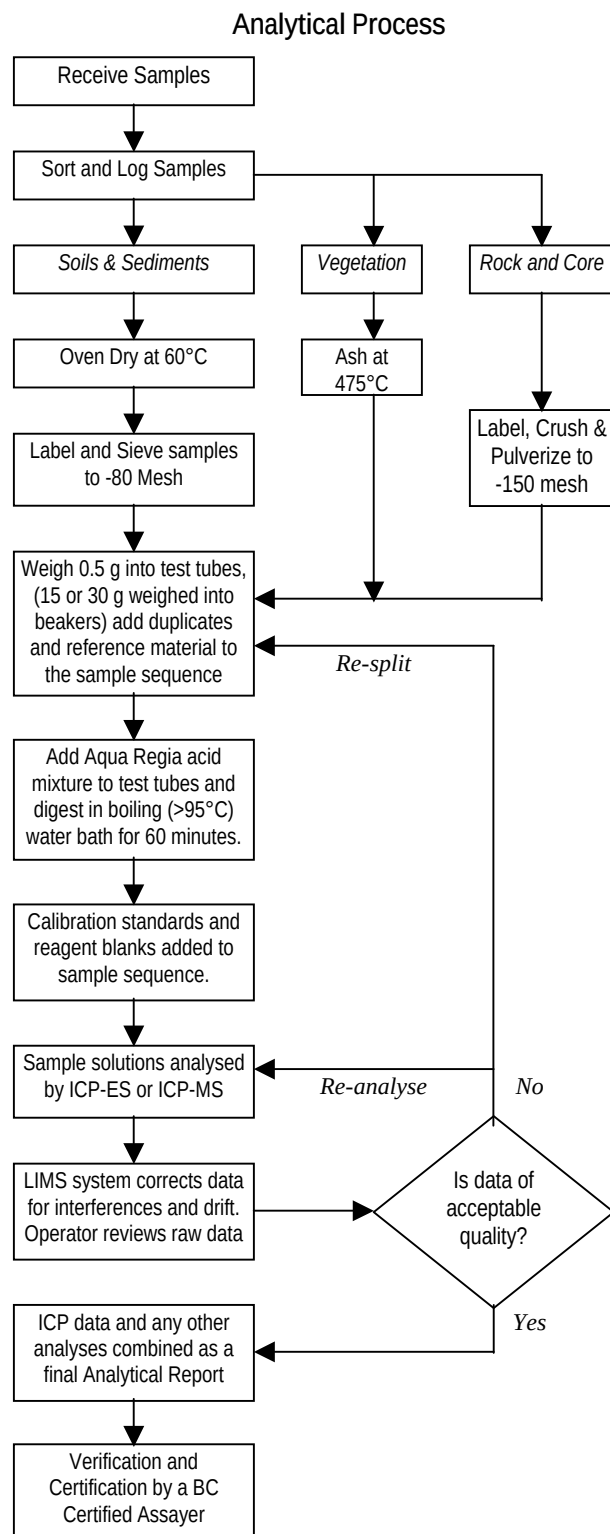
Exploration Work type	Comment	Days			Totals
Personnel (Name)* / Position	Field Days (list actual days)	Days	Rate	Subtotal*	
Taylor Johnson / Sampler	Sep 15	1	\$600.00	\$600.00	
Sam Cameron / Sampler	Aug 7-8	2	\$400.00	\$800.00	
Daniel Klein / Sampler	Aug 7	1	\$400.00	\$400.00	
Jonathon Ledwidge / Sampler	Sep-16	1	\$400.00	\$400.00	
Eric Bourgie / Sampler	Sep 15-16	2	\$650.00	\$1,300.00	
Yvonne Thornton / Sampler, F. Aid	Aug 7-8	2	\$400.00	\$800.00	
Jan Tindle / Sampler, F. Aid	Aug 7, Sep 15-16	3	\$400.00	\$1,200.00	
Shaun Stroshin / Sampler, F. Aid	Sep-16	1	\$400.00	\$400.00	
		13		\$5,300.00	\$5,300.00
Office Studies	List Personnel (note - Office only, do not include field days)				
Program planning					
Mark Rebagliati, P.Eng.	Aug 26	0.25	\$1,293.00	\$323.25	
Database compilation					
Romeo Taras	Oct 17	0.25	\$650.00	\$162.50	
Report preparation					
Mark Rebagliati, P.Eng.	Dec 1	0.25	\$1,293.00	\$323.25	
Amy Kerkhoff, B.Sc.	Nov 15 - Dec 18	2.00	\$600.00	\$1,200.00	
David Yeager, P.Geo.	Dec 18	0.25	\$718.00	\$179.50	
Taylor Johnson, B.A.	Nov 4	1.00	\$600.00	\$600.00	
				\$2,788.50	\$2,788.50
Geochemical Surveying	Number of Samples	No.	Rate	Subtotal	
Soil	Acme Labs, Vancouver, BC	605	\$17.51	\$10,593.55	
				\$10,593.55	\$10,593.55
Transportation		No.	Rate	Subtotal	
Airfare, taxi, motel, meals, etc.	@ \$45.85/person/day	13	\$45.85	\$596.05	
Truck: Ridley Rentals, Williams Lk. BC	@ \$1,800/mo = \$58.06/day	4	\$58.06	\$232.24	
Fuel	avg. 10 litres/day x \$1.40/litre	4	\$14.00	\$56.00	
Helicopter (cost/hour incl. fuel)	Interior Helicopters 206B	2.8	\$1,096.00	\$3,068.80	
Helicopter (cost/hour incl. fuel)	Interior Helicopters 600N	3.4	\$1,689.00	\$5,742.60	
				\$9,695.69	\$9,695.69
Accommodation & Food	Rates per day				
Camp + Meals	CJL Enterprises Ltd., Smithers, BC	13	\$120.00	\$1,560.00	
				\$1,560.00	\$1,560.00
Miscellaneous					
Telephone, sat. phone, radios	@ \$1/person/day	13	\$1.00	\$13.00	
Field Gear (bags, tags, flags, repellent, etc.)	@ \$0.80/sample	605	\$0.80	\$484.00	
				\$497.00	\$497.00
Freight, geochemical samples					
Russell Transfer, Ft. St. James, BC	Camp to Smithers @ \$0.25/sample	605	\$0.25	\$151.25	
				\$151.25	\$151.25
TOTAL Expenditures					\$30,585.99

APPENDIX A

ANALYTICAL PROCEDURES



METHODS AND SPECIFICATIONS FOR ANALYTICAL PACKAGE GROUP 1D & 1DX – ICP & ICP-MS ANALYSIS – AQUA REGIA



Comments

Sample Preparation

All samples are dried at 60°C. Soil and sediment are sieved to -80 mesh (-177 µm). Moss-mats are disaggregated then sieved to yield -80 mesh sediment. Vegetation is pulverized or ashed (475°C). Rock and drill core is jaw crushed to 70% passing 10 mesh (2 mm), a 250 g riffle split is then pulverized to 95% passing 150 mesh (100 µm) in a mild-steel ring-and-puck mill. Pulp splits of 0.5 g are weighed into test tubes, 15 and 30 g splits are weighed into beakers.

Sample Digestion

A modified Aqua Regia solution of equal parts concentrated ACS grade HCl and HNO₃ and de-mineralised H₂O is added to each sample to leach for one hour in a hot water bath (>95°C). After cooling the solution is made up to final volume with 5% HCl. Sample weight to solution volume is 1 g per 20 mL.

Sample Analysis

Group 1D: solutions aspirated into a Jarrel Ash AtomComp 800 or 975 ICP or Spectro Ciros Vision emission spectrometer are analysed for 30 elements: Ag, Al, As, Au, B, Ba, Bi, Ca, Cd, Co, Cr, Cu, Fe, K, La, Mg, Mn, Mo, Na, Ni, P, Pb, Sb, Sr, Th, Ti, U, V, W, Zn.

Group 1DX: solutions aspirated into a Perkin Elmer Elan 6000/9000 ICP mass spectrometer are analysed for 36 elements: Ag, Al, As, Au, B, Ba, Bi, Ca, Cd, Co, Cr, Cu, Fe, Ga, Hg, K, La, Mg, Mn, Mo, Na, Ni, P, Pb, S, Sb, Sc, Se, Tl, Sr, Th, Ti, U, V, W, Zn.

Quality Control and Data Verification

An Analytical Batch (1 page) comprises 33 samples. QA/QC protocol incorporates a sample-prep blank (SI or G-1) carried through all stages of preparation and analysis as the first sample, a pulp duplicate to monitor analytical precision, a -10 mesh rejects duplicate to monitor sub-sampling variation (drill core only), two reagent blanks to measure background and aliquots of in-house Standard Reference Materials like STD DS6 to monitor accuracy.

Raw and final data undergo a final verification by a British Columbia Certified Assayer who signs the Analytical Report before it is released to the client. Chief Assayer is Clarence Leong, other certified assayers are Leo Arciaga, Marcus Lau, Ken Kwok and Jacky Wang.

APPENDIX B

ANALYTICAL CERTIFICATES

Client: **Amarc Resources**
 1020 - 800 W. Pender St.
 Vancouver BC V6C 2V6 Canada

Submitted By: Eric Titley
 Receiving Lab: Canada-Smithers
 Received: August 11, 2008
 Report Date: September 03, 2008
 Page: 1 of 9

CERTIFICATE OF ANALYSIS

SMI08000733.1

CLIENT JOB INFORMATION

Project: Huge
 Shipment ID: Huge 08-4
 P.O. Number
 Number of Samples: 238

SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days
 DISP-RJT-SOIL Immediate Disposal of Soil Reject

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To: Amarc Resources
 1020 - 800 W. Pender St.
 Vancouver BC V6C 2V6
 Canada

CC:

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status
SS80	238	Dry at 60C sieve 100g to -80 mesh		
Dry at 60C	238	Dry at 60C		
1DX15	237	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed
DIS-RJT	238	Warehouse handling / Disposition of reject		

ADDITIONAL COMMENTS



Client: **Amarc Resources**
1020 - 800 W. Pender St.
Vancouver BC V6C 2V6 Canada

Project: Huge
Report Date: September 03, 2008

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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	1DX15 Mo ppm 0.1	1DX15 Cu ppm 0.1	1DX15 Pb ppm 0.1	1DX15 Zn ppm 1	1DX15 Ag ppm 0.1	1DX15 Ni ppm 0.1	1DX15 Co ppm 0.1	1DX15 Mn ppm 1	1DX15 Fe % 0.01	1DX15 As ppm 0.5	1DX15 U ppm 0.1	1DX15 Au ppb 0.5	1DX15 Th ppm 0.1	1DX15 Sr ppm 1	1DX15 Cd ppm 0.1	1DX15 Sb ppm 0.1	1DX15 Bi ppm 0.1	1DX15 V ppm 2	1DX15 Ca % 0.01	1DX15 P % 0.001
867850	Soil	0.4	22.1	3.6	56	<0.1	14.2	14.2	614	3.45	11.0	0.5	0.8	1.9	24	0.1	0.7	<0.1	84	0.39	0.065
867851	Soil	0.4	32.8	5.2	80	<0.1	20.5	16.7	818	4.38	13.6	1.0	1.2	1.9	22	0.2	0.7	<0.1	109	0.30	0.041
867852	Soil	1.0	44.2	4.8	68	<0.1	16.0	14.2	479	4.65	10.5	0.5	3.5	1.3	31	0.1	1.0	<0.1	120	0.29	0.067
867853	Soil	1.1	46.8	4.7	69	0.1	17.2	15.3	810	4.41	10.8	1.0	1.8	1.0	56	0.2	1.2	<0.1	120	0.73	0.066
867854	Soil	0.8	24.6	5.8	57	<0.1	11.6	9.1	355	4.29	12.0	0.4	0.9	1.2	20	0.1	0.7	<0.1	119	0.15	0.039
867855	Soil	0.8	32.9	5.0	66	0.1	15.1	13.5	627	3.85	11.4	0.8	0.7	0.6	28	0.2	1.0	<0.1	100	0.36	0.052
867856	Soil	0.5	24.4	5.0	66	<0.1	15.5	11.9	509	4.68	18.0	0.4	3.7	1.4	17	0.2	0.8	<0.1	106	0.25	0.079
867857	Soil	0.5	36.6	4.6	71	<0.1	19.9	15.7	630	4.27	8.2	1.0	<0.5	1.8	28	<0.1	0.6	<0.1	112	0.39	0.061
867858	Soil	1.0	54.8	4.6	78	<0.1	20.4	18.4	739	4.67	10.4	1.1	3.0	1.5	38	0.1	0.9	<0.1	114	0.49	0.058
867859	Soil	0.6	23.9	4.9	74	<0.1	14.2	13.2	587	4.15	6.4	0.6	4.9	1.7	20	0.2	0.5	<0.1	112	0.27	0.035
867860	Soil	0.7	30.2	5.4	61	0.1	14.1	12.3	383	4.58	10.7	0.8	2.0	2.7	16	0.1	0.8	<0.1	126	0.18	0.022
867861	Soil	1.1	96.1	7.0	94	0.3	25.5	22.1	760	5.49	18.6	2.9	<0.5	2.9	45	0.5	0.8	0.1	131	0.80	0.042
867862	Soil	1.8	68.2	9.2	91	0.2	19.6	17.2	640	6.77	23.9	1.6	1.7	4.1	42	0.3	1.2	0.2	171	0.70	0.041
867863	Soil	0.5	51.4	4.5	72	0.1	20.8	16.6	751	4.27	9.7	1.9	1.5	1.9	33	0.2	0.7	<0.1	97	0.63	0.073
867864	Soil	1.0	40.6	5.0	58	0.1	13.7	9.5	301	4.10	9.7	0.5	2.3	0.9	23	0.2	0.9	<0.1	118	0.19	0.036
867865	Soil	0.7	41.1	4.7	78	<0.1	18.9	18.9	775	4.68	10.1	0.7	1.8	1.4	32	0.2	0.8	<0.1	123	0.52	0.061
867866	Soil	0.7	33.7	4.5	63	<0.1	15.7	12.3	746	3.87	7.8	0.6	2.3	1.2	36	0.2	0.7	<0.1	107	0.83	0.052
867867	Soil	0.9	57.0	4.6	67	<0.1	16.5	14.1	485	4.50	10.9	1.2	3.4	2.2	39	0.3	1.0	<0.1	123	0.47	0.035
867868	Soil	0.4	36.1	3.8	59	<0.1	17.0	14.9	710	3.64	8.3	0.7	1.9	1.8	29	0.2	0.6	<0.1	85	0.69	0.061
867869	Soil	0.7	31.0	5.2	61	0.1	9.8	10.1	506	4.46	12.7	0.3	<0.5	0.4	31	0.1	0.8	<0.1	129	0.22	0.078
867870	Soil	0.9	34.5	8.2	64	<0.1	13.0	10.1	522	4.38	22.7	0.4	0.5	0.6	18	0.1	1.1	0.1	127	0.15	0.096
867871	Soil	0.9	47.6	6.5	84	0.3	18.9	16.0	824	5.77	21.7	0.3	<0.5	0.4	22	0.2	1.2	<0.1	138	0.22	0.084
867872	Soil	0.7	26.3	4.5	73	<0.1	15.1	14.6	475	4.45	9.3	0.4	<0.5	0.8	19	0.2	0.6	<0.1	105	0.24	0.063
867873	Soil	0.6	28.3	4.8	70	<0.1	14.7	14.6	838	4.59	7.7	0.5	1.6	1.0	25	0.1	0.6	<0.1	137	0.26	0.071
867874	Soil	0.6	31.4	4.4	60	<0.1	14.0	13.4	814	3.90	7.2	0.5	1.7	0.8	28	0.2	0.6	<0.1	125	0.36	0.036
867875	Soil	1.4	68.2	5.4	94	<0.1	21.0	21.0	1209	5.25	11.3	1.1	2.9	0.5	43	0.1	1.2	<0.1	135	0.44	0.072
867876	Soil	0.5	48.5	4.9	64	0.1	15.8	15.3	1528	3.96	6.2	0.9	<0.5	0.5	28	0.2	0.6	<0.1	113	0.38	0.062
867877	Soil	0.4	18.3	5.1	56	<0.1	11.9	10.8	460	4.17	6.9	0.3	2.5	1.1	16	0.1	0.7	<0.1	136	0.16	0.080
867878	Soil	0.6	37.8	4.7	66	0.3	9.0	11.3	776	4.95	9.6	0.2	<0.5	0.6	12	<0.1	0.7	<0.1	90	0.09	0.201
867879	Soil	0.6	51.2	6.0	82	<0.1	19.7	13.5	631	4.31	21.4	0.3	2.2	2.4	15	0.1	1.0	<0.1	83	0.20	0.069

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
867850	Soil	10	28	1.01	84	0.096	2	1.74	0.011	0.06	<0.1	<0.01	4.6	<0.1	<0.05	6	0.7
867851	Soil	14	40	1.21	119	0.072	1	2.56	0.017	0.09	<0.1	0.01	6.1	<0.1	<0.05	8	<0.5
867852	Soil	5	39	0.86	81	0.066	2	1.89	0.009	0.07	0.2	0.01	4.6	<0.1	<0.05	6	0.7
867853	Soil	9	38	0.72	125	0.058	1	1.53	0.010	0.09	0.2	0.03	5.0	<0.1	<0.05	5	<0.5
867854	Soil	5	32	0.70	76	0.082	<1	1.94	0.009	0.07	<0.1	0.06	4.4	<0.1	<0.05	9	0.7
867855	Soil	11	31	0.82	149	0.054	2	1.93	0.011	0.09	0.1	0.02	4.4	<0.1	<0.05	7	0.6
867856	Soil	8	32	0.93	74	0.059	1	2.13	0.009	0.06	<0.1	0.03	4.5	<0.1	<0.05	6	<0.5
867857	Soil	17	38	1.00	141	0.082	<1	2.24	0.012	0.09	<0.1	0.01	6.3	<0.1	<0.05	7	<0.5
867858	Soil	13	43	0.99	130	0.052	2	2.19	0.016	0.09	0.2	0.02	6.7	<0.1	<0.05	7	0.6
867859	Soil	9	31	1.02	153	0.074	2	1.98	0.008	0.07	<0.1	0.03	5.0	<0.1	0.07	8	0.7
867860	Soil	10	36	0.95	89	0.097	2	2.38	0.011	0.08	<0.1	0.03	5.5	<0.1	0.07	9	1.1
867861	Soil	25	50	1.04	222	0.078	2	2.95	0.012	0.13	0.1	0.05	9.2	<0.1	0.07	10	1.3
867862	Soil	12	55	0.90	154	0.134	3	2.90	0.012	0.16	0.2	0.03	7.4	0.1	0.10	14	1.7
867863	Soil	23	40	1.02	154	0.043	<1	2.17	0.010	0.09	0.1	0.04	7.2	<0.1	0.06	7	1.2
867864	Soil	6	31	0.57	94	0.046	2	1.54	0.008	0.06	0.2	0.03	3.7	<0.1	<0.05	7	0.8
867865	Soil	11	43	0.97	112	0.054	2	2.03	0.011	0.08	0.1	0.02	5.1	<0.1	<0.05	7	0.9
867866	Soil	13	34	0.84	137	0.086	3	1.76	0.012	0.08	0.1	0.02	5.1	<0.1	<0.05	7	1.2
867867	Soil	21	39	0.80	128	0.056	1	1.89	0.010	0.08	0.2	0.02	5.9	<0.1	<0.05	6	0.7
867868	Soil	16	32	0.86	89	0.059	2	1.64	0.008	0.08	0.1	0.02	4.6	<0.1	<0.05	5	1.0
867869	Soil	5	31	0.54	87	0.078	<1	1.49	0.008	0.06	<0.1	0.03	3.2	<0.1	<0.05	8	1.0
867870	Soil	5	26	0.42	64	0.047	<1	1.37	0.006	0.05	0.1	0.02	3.9	<0.1	<0.05	9	0.6
867871	Soil	5	58	0.94	69	0.034	1	2.23	0.007	0.05	0.1	0.03	4.4	<0.1	<0.05	11	0.8
867872	Soil	6	34	0.92	70	0.052	1	1.97	0.017	0.05	<0.1	0.01	3.4	<0.1	<0.05	6	<0.5
867873	Soil	9	38	0.80	163	0.086	1	1.84	0.011	0.10	<0.1	0.01	4.5	<0.1	<0.05	8	<0.5
867874	Soil	10	39	0.78	125	0.076	1	1.78	0.014	0.09	<0.1	0.02	4.4	<0.1	<0.05	8	0.5
867875	Soil	21	46	1.08	178	0.048	3	2.52	0.012	0.11	0.4	<0.01	5.7	<0.1	<0.05	8	1.0
867876	Soil	27	41	0.75	170	0.043	<1	2.01	0.013	0.09	<0.1	0.02	4.6	<0.1	<0.05	8	0.5
867877	Soil	6	36	0.58	88	0.080	2	1.60	0.013	0.06	<0.1	0.02	3.5	<0.1	<0.05	9	<0.5
867878	Soil	6	22	0.70	59	0.030	2	1.88	0.007	0.05	<0.1	0.03	3.5	<0.1	<0.05	8	0.6
867879	Soil	8	33	0.84	60	0.033	<1	2.16	0.012	0.07	0.1	0.01	4.4	<0.1	<0.05	6	0.9

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	Method Analyte Unit MDL	1DX15 Mo ppm 0.1	1DX15 Cu ppm 0.1	1DX15 Pb ppm 0.1	1DX15 Zn ppm 1	1DX15 Ag ppm 0.1	1DX15 Ni ppm 0.1	1DX15 Co ppm 0.1	1DX15 Mn ppm 1	1DX15 Fe % 0.01	1DX15 As ppm 0.5	1DX15 U ppm 0.1	1DX15 Au ppb 0.5	1DX15 Th ppm 0.1	1DX15 Sr ppm 1	1DX15 Cd ppm 0.1	1DX15 Sb ppm 0.1	1DX15 Bi ppm 0.1	1DX15 V ppm 2	1DX15 Ca % 0.01	1DX15 P % 0.001
867880	Soil	0.3	16.1	5.6	36	<0.1	11.1	7.8	243	3.01	6.5	0.3	1.7	0.8	26	0.2	0.8	<0.1	124	0.34	0.034
867881	Soil	0.3	37.9	4.2	60	<0.1	14.4	13.2	505	4.08	8.5	0.3	2.1	1.3	16	0.1	0.7	<0.1	95	0.24	0.082
867882	Soil	0.3	28.4	3.7	65	<0.1	23.4	17.9	434	5.03	5.9	0.5	1.6	2.4	26	0.1	0.6	<0.1	168	0.37	0.036
867883	Soil	0.5	28.4	4.2	79	<0.1	15.6	14.7	453	6.57	8.5	0.3	2.2	0.7	26	0.1	0.6	<0.1	173	0.30	0.099
867884	Soil	0.5	69.2	4.8	87	<0.1	14.6	22.2	995	5.24	9.3	0.3	0.9	1.4	21	0.2	0.7	<0.1	104	0.34	0.091
867885	Soil	0.3	23.8	3.8	58	<0.1	17.2	12.5	376	5.07	5.6	0.3	1.4	1.3	28	0.1	0.6	<0.1	174	0.39	0.056
867886	Soil	0.4	35.5	3.6	73	<0.1	25.4	19.7	660	6.30	6.5	0.3	2.5	1.4	23	0.3	0.5	<0.1	210	0.35	0.053
867887	Soil	0.3	40.9	3.2	67	<0.1	22.0	17.9	528	5.71	4.7	0.3	0.9	1.5	29	0.2	0.4	<0.1	207	0.52	0.068
867888	Soil	0.3	18.4	4.7	47	<0.1	13.3	11.1	352	4.84	3.5	0.3	1.1	1.0	30	0.1	0.4	<0.1	193	0.38	0.076
867889	Soil	0.2	96.4	3.9	70	<0.1	28.9	26.7	923	5.82	6.7	0.4	1.3	2.2	41	0.2	0.6	<0.1	183	0.72	0.075
867890	Soil	0.6	30.5	4.5	57	0.1	12.8	11.0	398	4.94	4.6	0.4	2.3	0.5	29	0.3	0.4	<0.1	157	0.33	0.038
867891	Soil	0.5	39.0	4.0	65	<0.1	20.0	16.5	523	5.52	6.3	0.4	0.8	0.9	41	0.1	0.5	<0.1	173	0.60	0.048
867892	Soil	0.5	42.0	5.0	76	<0.1	21.2	18.0	1162	4.81	10.1	0.4	2.5	0.7	31	0.3	0.9	<0.1	145	0.38	0.087
867893	Soil	0.5	30.7	4.2	61	<0.1	17.5	13.7	445	5.07	9.1	0.4	1.4	0.4	24	0.1	0.8	<0.1	148	0.31	0.105
867894	Soil	0.6	25.7	3.8	65	0.1	14.5	13.7	484	5.17	6.4	0.3	1.2	0.6	29	0.2	0.5	<0.1	165	0.37	0.045
868900	Soil	0.4	49.6	4.3	67	<0.1	28.0	17.3	739	4.33	5.6	0.3	0.8	0.6	16	<0.1	0.5	<0.1	103	0.23	0.076
868901	Soil	0.4	45.1	4.4	71	<0.1	26.0	18.1	657	4.97	5.4	0.3	0.9	1.7	16	0.1	0.4	<0.1	120	0.29	0.077
868902	Soil	0.3	65.2	3.8	89	<0.1	27.8	23.6	908	5.05	5.0	0.2	<0.5	1.5	17	0.2	0.3	<0.1	110	0.44	0.099
868903	Soil	0.6	35.2	4.9	74	<0.1	15.9	16.6	943	4.26	4.7	0.2	<0.5	0.3	15	0.2	0.3	<0.1	100	0.22	0.078
868904	Soil	0.8	46.7	5.4	79	<0.1	19.3	21.6	865	4.23	7.2	0.2	2.3	1.4	22	0.1	0.5	<0.1	108	0.47	0.087
868905	Soil	0.8	52.5	5.2	71	<0.1	19.1	24.2	884	4.70	10.7	0.2	2.8	1.1	24	<0.1	0.7	<0.1	130	0.44	0.070
868906	Soil	1.0	80.9	8.6	69	0.8	17.1	16.6	513	5.81	12.8	0.4	1.8	0.6	24	0.2	0.7	0.1	120	0.23	0.133
868907	Soil	1.0	34.9	5.5	71	<0.1	18.2	15.4	508	4.82	11.3	0.2	<0.5	1.1	20	0.1	0.7	<0.1	134	0.28	0.063
868908	Soil	0.9	20.5	6.1	51	0.2	10.1	9.2	309	3.91	8.4	0.2	2.9	0.5	18	0.1	0.5	<0.1	125	0.17	0.073
868909	Soil	0.7	18.6	4.9	46	0.1	10.4	8.7	314	3.87	10.3	0.2	<0.5	0.4	16	0.1	0.6	<0.1	130	0.15	0.054
868910	Soil	1.0	46.1	4.7	114	0.2	24.6	27.1	2463	5.14	11.1	0.4	<0.5	0.3	28	0.3	0.8	0.1	155	0.49	0.084
868911	Soil	1.4	51.6	4.2	89	<0.1	16.0	17.9	1064	4.08	9.4	0.5	1.1	0.4	32	0.2	1.1	<0.1	110	0.44	0.083
869043	Soil	1.6	47.1	3.7	96	<0.1	23.8	20.1	1053	4.77	15.3	0.4	<0.5	0.2	19	0.2	5.1	0.1	112	0.02	0.080
869044	Soil	2.2	38.9	9.5	106	<0.1	14.9	16.6	1573	3.94	4.6	0.7	1.0	0.7	3	0.1	2.2	0.3	76	0.02	0.122
869045	Soil	0.5	69.6	5.1	96	0.1	86.0	42.8	2188	6.42	4.9	0.5	3.4	0.5	26	0.3	2.4	<0.1	161	0.08	0.035

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
867880	Soil	6	37	0.47	50	0.108	2	1.21	0.021	0.04	0.1	<0.01	3.5	<0.1	<0.05	9	0.5
867881	Soil	7	41	0.79	52	0.049	1	1.72	0.012	0.05	<0.1	0.02	3.7	<0.1	<0.05	6	0.5
867882	Soil	6	93	0.91	74	0.149	1	2.35	0.031	0.06	0.1	0.02	6.0	<0.1	<0.05	7	<0.5
867883	Soil	4	49	0.88	45	0.130	1	2.12	0.014	0.03	<0.1	0.02	4.2	<0.1	<0.05	7	<0.5
867884	Soil	8	25	1.27	67	0.105	<1	2.24	0.009	0.05	<0.1	0.01	6.0	<0.1	<0.05	7	<0.5
867885	Soil	5	61	0.85	53	0.140	1	1.96	0.026	0.05	0.1	0.03	4.8	<0.1	<0.05	7	<0.5
867886	Soil	4	80	1.07	59	0.136	2	2.26	0.026	0.05	<0.1	0.03	6.3	<0.1	<0.05	8	<0.5
867887	Soil	6	63	1.18	59	0.128	<1	2.30	0.028	0.05	<0.1	0.02	6.1	<0.1	<0.05	8	<0.5
867888	Soil	5	44	0.76	68	0.153	<1	1.74	0.025	0.05	<0.1	0.02	4.7	<0.1	<0.05	9	<0.5
867889	Soil	13	65	1.47	104	0.149	<1	2.59	0.040	0.12	<0.1	0.02	11.6	<0.1	<0.05	8	0.5
867890	Soil	4	46	0.82	101	0.120	<1	2.24	0.016	0.07	<0.1	0.03	4.8	<0.1	<0.05	10	<0.5
867891	Soil	7	60	1.26	100	0.180	1	2.55	0.018	0.08	<0.1	0.03	6.5	<0.1	<0.05	10	<0.5
867892	Soil	6	64	1.08	154	0.133	2	2.07	0.013	0.10	<0.1	0.02	6.3	<0.1	<0.05	8	<0.5
867893	Soil	4	64	0.84	51	0.091	<1	1.77	0.012	0.06	<0.1	0.03	4.5	<0.1	0.06	7	<0.5
867894	Soil	3	54	0.98	82	0.170	<1	2.02	0.010	0.06	<0.1	0.03	5.4	<0.1	<0.05	9	0.8
868900	Soil	6	47	1.23	78	0.055	1	2.28	0.008	0.05	<0.1	<0.01	4.6	<0.1	<0.05	7	0.9
868901	Soil	6	50	1.55	66	0.112	<1	2.71	0.008	0.06	<0.1	0.01	5.8	<0.1	<0.05	9	0.8
868902	Soil	14	48	2.02	80	0.076	<1	2.96	0.010	0.06	<0.1	0.03	7.8	<0.1	<0.05	9	1.0
868903	Soil	6	32	1.38	128	0.040	<1	2.42	0.007	0.06	<0.1	0.02	4.0	<0.1	<0.05	8	0.9
868904	Soil	9	30	1.51	61	0.115	1	2.25	0.018	0.08	<0.1	<0.01	6.3	<0.1	<0.05	7	0.7
868905	Soil	10	36	1.35	64	0.153	<1	2.18	0.017	0.05	<0.1	0.01	6.8	<0.1	<0.05	7	1.0
868906	Soil	5	36	1.11	48	0.041	<1	2.51	0.005	0.05	0.1	0.03	4.2	<0.1	<0.05	7	0.9
868907	Soil	6	38	1.08	72	0.110	<1	2.12	0.013	0.05	<0.1	0.01	5.4	<0.1	<0.05	8	0.8
868908	Soil	4	29	0.61	63	0.105	3	1.54	0.010	0.03	<0.1	0.03	3.0	<0.1	<0.05	8	1.2
868909	Soil	4	32	0.64	65	0.105	<1	1.70	0.007	0.04	<0.1	0.02	3.6	<0.1	<0.05	8	0.5
868910	Soil	9	68	1.19	192	0.069	1	2.63	0.008	0.10	<0.1	0.02	7.3	<0.1	<0.05	9	0.8
868911	Soil	8	36	0.73	200	0.025	<1	1.45	0.005	0.08	0.3	<0.01	3.5	<0.1	<0.05	5	1.0
869043	Soil	2	39	0.07	58	0.002	<1	0.51	0.002	0.06	0.5	0.02	4.9	0.2	<0.05	2	0.9
869044	Soil	6	19	0.05	127	0.006	<1	0.51	0.002	0.07	0.4	0.02	3.2	0.2	<0.05	2	0.6
869045	Soil	9	53	0.10	128	0.005	<1	0.44	0.003	0.08	0.5	0.09	20.9	0.3	<0.05	1	1.6

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
869046	Soil	1.8	50.5	4.8	106	<0.1	41.8	27.8	1489	5.79	8.5	0.6	<0.5	0.4	19	0.2	3.1	<0.1	124	0.33	0.108
869047	Soil	1.6	87.1	6.4	103	0.2	34.0	23.2	1486	6.61	3.5	1.0	1.7	0.8	11	0.2	3.6	<0.1	147	0.30	0.076
869048	Soil	1.7	64.4	5.2	88	<0.1	66.3	28.6	1627	5.01	13.2	0.4	1.8	0.5	27	0.3	2.2	<0.1	103	0.12	0.034
869049	Soil	1.4	46.9	4.2	86	<0.1	44.1	29.1	1436	5.36	14.2	0.3	3.6	0.7	27	0.2	2.5	0.1	111	0.55	0.042
869050	Soil	1.1	65.4	6.4	91	0.1	35.0	26.4	2086	4.80	6.7	0.5	0.6	3.7	14	0.1	3.6	0.1	123	0.35	0.092
869051	Soil	2.1	68.0	5.5	88	0.1	76.5	28.1	1826	4.94	24.5	0.7	2.9	0.8	21	0.4	2.4	0.1	107	0.63	0.107
869052	Soil	3.2	117.0	6.0	113	0.3	30.9	26.6	1668	4.96	15.8	0.6	3.4	1.4	39	0.6	2.7	0.1	118	0.28	0.059
869053	Soil	5.7	70.1	8.0	159	0.2	28.5	25.0	1996	4.89	12.7	0.7	4.1	1.4	22	0.9	4.1	0.2	89	0.14	0.063
869054	Soil	15.3	62.3	6.9	272	0.4	44.6	17.4	1059	3.93	36.0	0.5	1.6	0.7	16	3.6	3.2	0.1	108	0.10	0.014
869055	Soil	2.5	106.3	5.1	102	0.3	19.0	23.6	1794	4.01	8.6	0.5	2.9	0.6	43	0.3	1.1	0.1	114	0.36	0.115
869056	Soil	2.4	110.5	6.5	87	0.2	70.1	39.3	1889	5.04	30.3	0.6	5.4	0.8	20	0.4	1.9	0.4	146	0.32	0.084
869057	Soil	0.8	126.4	3.4	52	<0.1	11.3	13.6	1094	5.51	18.4	0.6	4.6	2.0	30	0.2	8.2	0.2	135	1.26	0.096
869058	Soil	0.9	110.5	8.3	104	0.1	56.1	28.3	1453	5.51	15.5	0.4	1.6	1.9	18	0.3	1.4	0.2	107	0.82	0.096
869059	Soil	1.6	69.1	6.6	105	0.2	29.9	15.0	1297	5.40	13.3	0.4	2.3	<0.1	25	0.4	1.3	0.1	139	0.28	0.177
869060	Soil	3.1	37.6	5.3	70	0.1	11.2	11.0	1094	3.68	7.3	0.4	1.8	<0.1	38	0.2	0.7	0.1	93	0.33	0.149
869061	Soil	1.4	113.0	6.5	91	<0.1	30.6	25.5	1414	4.99	18.5	0.6	13.9	0.8	26	0.3	1.4	0.2	119	0.25	0.118
869062	Soil	0.7	132.5	8.7	98	<0.1	15.0	28.9	1174	5.11	16.6	0.4	<0.5	2.1	29	0.2	1.0	<0.1	109	0.69	0.095
869063	Soil	0.9	96.4	5.9	85	0.1	36.8	27.5	1436	4.55	8.7	0.7	6.1	3.6	39	0.2	2.4	0.1	120	0.47	0.111
869064	Soil	1.1	75.2	3.6	75	0.2	17.9	21.6	1297	4.33	5.1	0.7	15.8	0.4	55	0.1	0.8	<0.1	143	0.46	0.116
869065	Soil	1.0	57.1	8.4	103	0.1	14.4	13.9	893	3.33	7.1	0.8	2.6	0.3	35	0.3	1.0	<0.1	80	0.40	0.090
869066	Soil	0.8	83.4	4.3	65	<0.1	20.2	19.4	826	4.20	9.4	0.4	5.5	0.2	35	0.2	1.1	0.1	112	0.31	0.111
869067	Soil	1.4	118.2	6.9	91	<0.1	28.0	24.4	1425	4.73	9.8	0.8	5.1	1.6	60	0.2	1.7	0.1	115	0.76	0.137
869068	Soil	0.8	84.9	6.9	97	<0.1	14.9	24.9	1460	5.56	11.1	0.4	1.9	0.2	23	0.2	0.8	<0.1	95	0.23	0.149
869069	Soil	0.9	69.8	7.8	90	<0.1	10.1	21.3	904	4.87	8.0	0.3	1.3	1.3	12	0.1	1.1	<0.1	70	0.28	0.120
869070	Soil	1.0	50.2	3.9	70	0.2	11.7	17.9	1327	3.39	5.8	0.5	1.5	0.1	65	0.2	0.8	<0.1	114	0.50	0.106
869071	Soil	0.4	50.5	2.5	93	0.1	13.7	19.6	783	3.83	2.9	0.8	19.4	0.3	76	0.2	0.3	<0.1	130	0.52	0.192
869072	Soil	0.5	55.7	2.1	80	0.2	14.1	21.8	808	4.20	3.0	0.6	2.5	0.2	97	0.1	0.3	<0.1	154	0.64	0.140
869073	Soil	0.9	52.6	4.6	103	0.2	14.4	17.3	1566	3.86	4.8	1.2	1.4	0.5	80	0.2	0.7	<0.1	122	0.64	0.133
869074	Soil	1.2	57.8	5.1	109	0.3	17.2	15.6	1729	4.13	7.6	1.2	1.7	0.4	68	0.3	1.1	0.1	115	0.78	0.179
869075	Soil	1.1	48.2	5.2	97	0.1	13.5	11.8	833	3.70	7.9	0.5	3.1	0.1	58	0.3	1.1	0.1	101	0.68	0.137

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
869046	Soil	6	40	0.15	198	0.003	1	0.53	0.004	0.07	0.6	0.07	13.4	0.4	<0.05	2	1.3
869047	Soil	21	38	0.16	191	0.002	<1	0.56	0.003	0.09	1.4	0.03	19.1	<0.1	<0.05	2	1.7
869048	Soil	7	35	0.10	492	0.002	<1	0.38	0.002	0.06	0.6	0.19	14.7	0.5	<0.05	1	1.3
869049	Soil	5	35	0.11	238	0.003	<1	0.40	0.002	0.06	1.1	0.06	14.0	0.3	0.09	1	1.7
869050	Soil	25	13	0.14	300	0.004	<1	0.55	0.002	0.05	1.3	0.07	19.2	0.1	<0.05	2	1.3
869051	Soil	11	71	0.25	231	0.006	<1	0.60	0.004	0.09	0.8	0.08	10.8	0.2	<0.05	2	2.5
869052	Soil	9	39	0.33	241	0.029	<1	0.72	0.003	0.09	0.9	0.02	11.0	0.2	<0.05	2	1.5
869053	Soil	12	17	0.12	482	0.008	<1	0.46	0.002	0.08	0.5	<0.01	8.2	0.3	<0.05	1	1.5
869054	Soil	3	20	0.06	293	0.003	<1	0.26	0.002	0.04	0.4	0.02	9.6	1.0	<0.05	<1	2.9
869055	Soil	9	30	0.59	355	0.044	<1	1.24	0.007	0.15	0.2	<0.01	4.6	0.2	<0.05	4	0.8
869056	Soil	10	52	0.39	147	0.021	<1	0.81	0.003	0.13	0.4	0.12	17.5	0.2	<0.05	3	1.5
869057	Soil	14	11	0.70	97	0.011	1	1.38	0.003	0.14	0.8	0.04	8.8	<0.1	<0.05	6	0.7
869058	Soil	19	52	0.93	237	0.007	2	1.70	0.003	0.11	0.4	0.03	12.4	0.1	<0.05	5	1.5
869059	Soil	4	55	0.34	142	0.008	<1	1.03	0.005	0.09	0.4	0.01	1.7	0.1	<0.05	5	1.1
869060	Soil	4	30	0.44	94	0.011	3	1.39	0.006	0.12	<0.1	0.02	0.8	<0.1	0.07	6	0.6
869061	Soil	17	45	0.72	86	0.025	<1	1.63	0.006	0.10	0.3	0.02	7.6	<0.1	<0.05	5	1.8
869062	Soil	27	22	1.44	60	0.014	<1	2.67	0.005	0.09	0.2	<0.01	8.3	<0.1	<0.05	7	1.6
869063	Soil	20	42	0.64	205	0.047	<1	1.38	0.005	0.22	0.4	0.06	11.8	0.2	<0.05	4	0.9
869064	Soil	8	47	0.91	93	0.058	<1	1.77	0.007	0.22	0.2	<0.01	4.1	<0.1	<0.05	6	<0.5
869065	Soil	16	29	0.49	110	0.014	1	1.34	0.006	0.12	0.2	0.03	2.6	<0.1	<0.05	5	1.1
869066	Soil	6	39	0.71	60	0.031	2	1.56	0.006	0.09	0.2	0.03	3.8	<0.1	<0.05	5	0.6
869067	Soil	14	42	0.91	133	0.048	1	1.70	0.007	0.18	0.3	0.04	6.8	0.1	<0.05	5	<0.5
869068	Soil	5	26	0.59	71	0.012	<1	1.37	0.005	0.08	0.2	0.03	4.7	<0.1	<0.05	5	<0.5
869069	Soil	4	16	0.65	87	0.010	<1	1.82	0.005	0.08	0.2	0.02	5.9	<0.1	<0.05	6	<0.5
869070	Soil	6	30	0.50	165	0.017	<1	1.52	0.006	0.17	0.1	0.01	1.4	<0.1	<0.05	6	<0.5
869071	Soil	5	52	1.15	70	0.053	1	2.08	0.011	0.31	<0.1	0.03	2.2	<0.1	<0.05	7	<0.5
869072	Soil	5	54	1.19	53	0.102	1	2.07	0.012	0.27	0.1	0.03	2.9	<0.1	<0.05	8	<0.5
869073	Soil	12	42	0.82	209	0.041	<1	1.72	0.010	0.22	0.1	0.03	3.3	<0.1	<0.05	7	<0.5
869074	Soil	12	40	0.65	220	0.022	<1	1.70	0.008	0.20	0.2	0.03	3.1	0.1	0.06	6	<0.5
869075	Soil	4	30	0.45	225	0.015	1	1.30	0.007	0.10	0.2	0.03	1.5	<0.1	<0.05	6	<0.5

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	Method	Analyte	Unit	MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15			
					Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	
					ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	
					0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	0.1	2	0.01	0.001
869076	Soil					0.6	41.3	4.8	80	<0.1	19.7	20.7	691	5.06	6.8	0.4	2.4	0.8	29	0.2	0.5	<0.1	97	0.42	0.074
869077	Soil					1.1	58.0	9.0	69	0.2	7.4	16.0	1727	5.28	8.5	0.3	0.8	<0.1	17	0.1	0.4	0.1	99	0.13	0.141
869078	Soil					0.7	50.2	5.5	85	<0.1	18.1	15.0	966	4.59	6.3	0.5	5.5	0.4	39	0.1	0.6	0.1	127	0.20	0.112
869079	Soil					0.7	159.9	8.5	121	0.2	10.3	36.0	2728	4.37	17.0	0.3	1.7	0.3	27	0.1	1.2	0.1	84	0.20	0.208
869080	Soil					1.4	60.0	5.2	81	<0.1	18.1	21.5	830	4.55	10.5	0.9	35.4	0.5	50	0.2	1.1	<0.1	121	0.50	0.103
869081	Soil					1.5	88.1	4.5	86	<0.1	24.0	21.6	928	4.86	10.5	1.1	4.1	1.4	63	0.2	1.3	<0.1	125	0.65	0.128
869082	Soil					2.3	221.0	12.6	136	<0.1	13.5	38.7	1662	5.46	16.6	0.3	5.2	0.9	16	0.2	1.1	0.2	110	0.28	0.123
869083	Soil					1.3	143.5	9.7	111	<0.1	10.9	31.4	1649	4.99	9.7	0.4	1.2	1.8	20	0.3	0.4	<0.1	78	0.56	0.100
869084	Soil					1.1	40.2	7.3	101	<0.1	19.3	25.7	947	4.84	8.3	0.3	1.1	0.5	27	0.2	0.5	<0.1	116	0.46	0.064
869085	Soil					1.7	88.6	11.1	114	<0.1	14.5	26.0	1275	5.34	8.8	0.4	1.1	0.5	21	0.2	0.6	<0.1	118	0.32	0.084
869086	Soil					1.1	37.7	6.0	90	<0.1	19.9	19.6	756	5.07	8.9	0.4	0.9	0.8	32	0.2	0.5	<0.1	133	0.50	0.046
869087	Soil					2.3	42.2	6.6	66	0.2	14.4	13.2	493	6.25	14.2	0.4	1.4	1.3	23	0.2	0.8	<0.1	162	0.22	0.036
869088	Soil					1.4	34.7	6.0	101	<0.1	17.6	18.7	1041	5.29	10.7	0.4	1.6	0.4	37	0.2	0.6	<0.1	142	0.57	0.070
869089	Soil					0.9	38.8	3.9	100	<0.1	24.0	23.3	1202	5.82	7.8	0.4	1.4	0.5	35	0.2	0.5	<0.1	188	0.49	0.068
869090	Soil					0.9	141.9	2.6	84	<0.1	14.7	27.4	691	5.53	8.3	0.6	4.3	1.3	96	<0.1	0.6	<0.1	202	0.77	0.237
869091	Soil					0.8	97.2	2.1	87	0.1	11.0	26.4	652	6.10	7.2	0.8	1.3	1.1	128	0.1	0.4	<0.1	210	0.99	0.352
869092	Soil					1.0	59.1	2.4	118	0.6	11.0	23.4	548	5.94	6.8	0.4	2.2	0.7	132	0.2	0.5	<0.1	201	0.93	0.340
869093	Soil					1.1	38.9	2.6	68	0.1	6.2	14.4	356	4.88	4.4	0.5	1.5	0.7	118	0.3	0.3	<0.1	189	0.63	0.232
869094	Soil					3.1	189.8	2.6	116	0.6	18.7	30.8	2916	5.60	6.8	3.7	3.9	0.7	140	0.1	0.3	<0.1	176	1.32	0.225
869095	Soil					0.6	224.7	2.0	143	0.3	16.7	41.7	1167	7.18	7.4	0.9	2.9	1.5	125	0.1	0.4	<0.1	247	1.34	0.359
869096	Soil					0.8	63.2	3.0	94	0.2	9.9	21.5	550	5.35	3.8	0.4	1.4	0.7	134	0.2	0.3	<0.1	201	0.89	0.193
869097	Soil					1.4	156.6	3.3	68	<0.1	19.4	23.5	526	5.09	9.6	0.5	2.8	1.0	100	0.1	0.8	<0.1	177	0.72	0.130
869098	Soil					1.3	312.7	2.7	84	0.4	20.9	29.2	975	5.33	7.8	1.3	6.1	0.9	117	<0.1	0.5	<0.1	184	1.04	0.208
869099	Soil					1.8	520.3	3.2	94	0.7	26.5	29.0	1414	4.95	8.9	2.3	6.3	0.4	123	0.1	0.4	<0.1	191	1.17	0.199
869150	Soil					1.0	265.2	2.6	85	0.1	25.1	36.5	849	5.93	7.0	0.7	3.6	1.2	91	<0.1	0.4	<0.1	195	0.80	0.156
869151	Soil					1.4	215.7	3.4	73	0.5	21.0	22.8	1027	4.10	5.1	0.8	2.5	0.4	118	0.2	0.4	<0.1	158	0.88	0.090
869152	Soil					2.4	352.5	3.6	107	0.4	31.4	32.7	1752	5.47	6.6	2.1	7.6	1.0	93	0.2	0.3	<0.1	195	0.82	0.201
869153	Soil					1.7	314.2	2.9	90	0.6	30.7	29.8	2438	4.55	8.6	1.6	3.9	0.3	100	0.3	0.5	<0.1	144	0.96	0.164
869154	Soil					1.4	219.7	2.6	75	0.3	20.9	26.9	836	4.62	6.1	1.1	3.8	0.6	78	0.1	0.4	<0.1	161	0.74	0.124
869155	Soil					1.1	136.0	2.2	70	<0.1	19.0	26.9	607	4.58	6.9	0.8	3.7	0.8	70	0.1	0.3	<0.1	150	0.67	0.181

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
869076	Soil	6	35	1.15	69	0.053	<1	2.77	0.007	0.05	0.1	0.02	3.9	<0.1	<0.05	8	<0.5
869077	Soil	4	19	0.48	63	0.017	<1	1.71	0.006	0.04	<0.1	0.04	1.2	<0.1	<0.05	9	<0.5
869078	Soil	6	39	0.84	85	0.074	<1	2.42	0.008	0.08	<0.1	0.02	3.8	<0.1	<0.05	10	<0.5
869079	Soil	3	17	0.67	73	0.011	<1	2.35	0.006	0.04	<0.1	0.05	1.6	<0.1	<0.05	7	<0.5
869080	Soil	11	40	0.85	165	0.035	<1	1.69	0.007	0.11	0.3	0.03	4.7	<0.1	<0.05	6	<0.5
869081	Soil	13	44	0.91	163	0.058	<1	1.62	0.007	0.14	0.3	0.04	7.0	<0.1	<0.05	6	<0.5
869082	Soil	5	23	1.18	80	0.008	<1	3.45	0.006	0.05	<0.1	0.03	6.1	<0.1	<0.05	9	<0.5
869083	Soil	8	17	1.03	178	0.003	<1	3.09	0.006	0.05	<0.1	0.02	7.0	<0.1	<0.05	9	<0.5
869084	Soil	6	36	1.51	87	0.100	<1	2.50	0.009	0.07	<0.1	0.03	4.5	<0.1	<0.05	9	<0.5
869085	Soil	5	27	1.14	104	0.053	<1	2.80	0.008	0.06	<0.1	0.02	4.6	<0.1	<0.05	10	<0.5
869086	Soil	8	44	1.33	151	0.128	<1	2.58	0.017	0.08	<0.1	0.02	6.6	<0.1	<0.05	8	<0.5
869087	Soil	5	47	0.85	66	0.185	<1	2.63	0.009	0.05	<0.1	0.04	5.7	<0.1	<0.05	10	<0.5
869088	Soil	6	48	1.05	216	0.092	<1	2.42	0.011	0.09	<0.1	0.03	5.4	<0.1	<0.05	10	<0.5
869089	Soil	6	74	1.34	142	0.151	<1	2.56	0.011	0.08	<0.1	0.02	7.4	<0.1	<0.05	9	<0.5
869090	Soil	7	25	1.51	51	0.188	1	2.49	0.013	0.33	0.4	0.01	4.8	<0.1	<0.05	9	<0.5
869091	Soil	8	19	1.55	54	0.174	1	2.42	0.017	0.20	0.3	0.02	4.0	<0.1	<0.05	9	<0.5
869092	Soil	6	22	1.33	72	0.180	2	2.40	0.016	0.15	0.3	0.03	4.5	<0.1	<0.05	9	<0.5
869093	Soil	5	15	0.84	58	0.203	<1	1.88	0.017	0.08	0.3	0.03	3.6	<0.1	<0.05	9	<0.5
869094	Soil	11	32	1.49	97	0.101	3	2.45	0.015	0.19	0.2	0.05	9.8	<0.1	<0.05	7	<0.5
869095	Soil	10	27	2.26	77	0.186	1	3.20	0.015	0.71	0.3	0.02	5.2	<0.1	<0.05	9	<0.5
869096	Soil	5	20	1.30	68	0.237	<1	2.34	0.019	0.16	0.3	0.02	4.2	<0.1	<0.05	10	<0.5
869097	Soil	6	48	1.19	57	0.180	2	2.16	0.014	0.10	0.4	0.02	5.1	<0.1	<0.05	8	<0.5
869098	Soil	9	54	1.54	51	0.144	1	2.20	0.014	0.35	0.2	0.05	9.0	<0.1	<0.05	8	<0.5
869099	Soil	13	66	1.61	81	0.090	2	2.59	0.015	0.33	0.2	0.10	13.1	<0.1	<0.05	8	<0.5
869150	Soil	7	67	1.71	44	0.203	<1	2.61	0.017	0.40	0.3	0.02	5.3	<0.1	<0.05	8	<0.5
869151	Soil	7	55	1.18	62	0.135	2	1.76	0.013	0.16	0.1	0.03	6.4	<0.1	<0.05	7	<0.5
869152	Soil	11	97	1.70	79	0.145	2	2.60	0.013	0.40	0.2	0.06	11.3	<0.1	<0.05	9	<0.5
869153	Soil	11	72	1.44	93	0.067	4	2.04	0.018	0.27	0.3	0.07	9.0	<0.1	0.06	6	0.8
869154	Soil	6	61	1.42	49	0.119	2	1.96	0.014	0.16	0.2	0.03	5.9	<0.1	<0.05	8	<0.5
869155	Soil	6	50	1.24	46	0.118	<1	1.75	0.014	0.13	0.3	0.02	3.6	<0.1	<0.05	7	<0.5

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	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	0.1	2	0.01
869156	Soil	1.4	196.8	2.7	92	0.4	19.3	26.4	1398	4.67	6.7	1.0	3.0	0.2	97	0.2	0.3	<0.1	165	1.05	0.234
869157	Soil	1.1	182.0	2.4	89	0.4	19.3	28.5	809	4.98	6.0	1.0	3.5	0.6	86	0.1	0.3	0.1	171	0.78	0.149
869158	Soil	1.2	222.7	2.1	91	0.2	23.1	29.9	967	5.66	7.8	1.5	7.7	0.9	90	<0.1	0.3	<0.1	178	1.19	0.293
869159	Soil	1.2	327.7	2.4	68	0.2	23.8	30.8	669	4.82	8.4	1.5	2.0	0.8	76	0.1	0.5	<0.1	157	0.82	0.147
869160	Soil	1.3	250.2	2.2	102	0.2	28.7	36.0	939	5.31	7.0	0.9	3.2	0.9	81	<0.1	0.4	<0.1	184	1.00	0.223
869161	Soil	1.1	145.0	2.1	86	<0.1	16.7	24.9	487	5.15	6.5	0.5	2.2	1.0	70	<0.1	0.4	<0.1	164	0.63	0.172
869162	Soil	1.7	158.8	1.9	86	0.3	36.6	35.0	3104	4.55	6.6	2.2	2.9	0.5	111	0.2	0.4	<0.1	152	1.50	0.256
869163	Soil	0.7	199.0	1.8	78	0.1	21.1	31.1	923	5.74	9.6	1.9	3.8	1.2	104	<0.1	0.4	0.1	183	1.34	0.300
869164	Soil	1.0	105.5	2.5	77	<0.1	22.3	24.1	500	5.47	11.3	0.6	2.1	0.8	50	<0.1	0.8	<0.1	173	0.44	0.100
869165	Soil	1.3	156.4	2.5	90	0.2	30.3	37.1	1211	5.74	11.7	1.8	2.3	0.7	83	0.2	0.9	<0.1	169	1.02	0.160
869166	Soil	0.9	134.1	2.0	76	<0.1	20.1	25.7	662	5.00	9.7	1.5	2.9	1.1	96	0.1	0.4	<0.1	163	1.29	0.300
869167	Soil	1.1	196.4	2.4	83	0.3	26.8	27.8	1074	4.50	10.6	2.6	1.8	0.7	71	0.2	0.6	<0.1	149	0.78	0.160
869168	Soil	1.4	347.1	3.2	94	0.4	41.1	28.2	1007	4.89	14.7	4.3	5.4	0.5	74	0.2	0.7	<0.1	143	0.97	0.130
869169	Soil	1.5	192.1	3.1	103	0.3	31.2	30.8	1333	5.57	14.6	2.3	6.8	0.6	81	0.1	0.7	<0.1	172	1.14	0.181
869170	Soil	1.0	106.6	2.7	107	0.3	23.0	25.5	811	4.96	12.1	1.7	2.8	0.6	88	0.2	0.6	<0.1	150	1.32	0.223
869171	Soil	0.6	131.1	2.5	107	0.2	28.2	24.3	503	3.76	7.3	1.8	2.8	0.8	92	0.1	0.6	<0.1	135	1.38	0.258
869465	Soil	1.6	74.3	12.2	147	0.1	152.0	37.6	1535	7.17	19.5	0.8	1.8	0.2	4	0.2	1.1	<0.1	102	0.04	0.185
869466	Soil	0.9	49.5	6.0	93	<0.1	49.2	11.4	635	4.78	5.0	0.3	<0.5	0.3	2	<0.1	1.7	<0.1	84	0.01	0.124
869467	Soil	1.7	65.6	7.0	107	0.1	110.9	31.4	2167	5.66	25.2	0.7	3.7	0.5	6	0.1	1.7	<0.1	88	0.08	0.140
869468	Soil	1.6	83.8	6.8	93	0.1	110.2	36.3	1631	5.82	44.7	0.8	4.8	0.7	24	0.2	2.9	0.2	128	0.24	0.132
869469	Soil	1.4	66.0	4.9	75	<0.1	80.7	27.4	1209	4.67	31.1	0.7	5.8	2.0	35	0.1	1.9	<0.1	106	0.37	0.104
869470	Soil	2.1	56.9	6.5	92	<0.1	47.9	19.8	1531	4.78	18.3	1.2	1.9	0.4	26	0.2	1.7	<0.1	105	0.13	0.109
869471	Soil	2.4	63.0	5.9	79	<0.1	84.5	28.4	1853	4.67	35.6	0.9	3.9	1.4	24	0.2	2.2	<0.1	86	0.37	0.109
869472	Soil	1.5	49.5	5.6	78	0.1	85.4	23.5	1450	3.91	35.1	1.1	6.7	4.1	10	0.2	1.6	0.1	68	0.34	0.108
869473	Soil	4.2	90.5	9.5	88	<0.1	84.5	31.0	2275	4.91	70.3	0.8	9.0	0.6	12	0.2	2.8	<0.1	78	0.22	0.136
869474	Soil	1.4	110.0	4.4	72	0.2	21.4	14.8	1848	4.42	25.3	0.6	33.2	1.1	9	0.1	1.9	<0.1	44	0.30	0.137
869475	Soil	0.5	127.9	3.1	72	0.1	6.5	19.8	1919	4.94	6.2	0.4	26.8	1.2	44	0.3	2.4	<0.1	56	2.08	0.127
869476	Soil	2.6	176.2	9.6	150	0.3	252.8	59.7	3026	11.85	181.6	0.9	11.8	1.9	26	0.4	2.7	0.1	167	0.46	0.106
869477	Soil	0.4	219.2	4.7	45	0.2	3.5	13.6	1626	3.88	4.9	0.5	26.9	2.0	26	0.2	1.3	<0.1	57	0.94	0.104
869478	Soil	1.8	100.4	5.2	90	0.2	42.5	15.6	1050	5.62	14.5	0.6	4.5	0.3	15	0.5	2.9	0.1	154	0.25	0.139

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
869156	Soil	9	46	1.35	64	0.070	2	1.81	0.019	0.25	0.3	0.04	6.2	<0.1	<0.05	7	0.7
869157	Soil	7	44	1.46	51	0.118	2	1.94	0.021	0.18	0.2	0.03	6.2	<0.1	<0.05	7	<0.5
869158	Soil	10	57	1.63	54	0.102	2	1.97	0.019	0.38	0.3	0.03	7.1	<0.1	<0.05	7	<0.5
869159	Soil	9	52	1.35	50	0.115	2	1.95	0.017	0.16	0.3	0.04	5.5	<0.1	<0.05	7	<0.5
869160	Soil	10	54	1.62	59	0.133	2	2.10	0.019	0.42	0.3	0.04	6.0	<0.1	<0.05	8	<0.5
869161	Soil	6	42	1.37	34	0.163	2	2.47	0.016	0.12	0.4	0.03	3.2	<0.1	<0.05	7	<0.5
869162	Soil	12	38	1.36	111	0.086	3	1.87	0.026	0.35	0.2	0.07	6.5	<0.1	<0.05	6	<0.5
869163	Soil	10	47	1.75	53	0.125	2	2.00	0.026	0.29	0.3	0.01	5.1	<0.1	<0.05	7	<0.5
869164	Soil	4	52	1.20	58	0.175	2	1.98	0.012	0.16	0.4	0.02	3.5	<0.1	<0.05	8	<0.5
869165	Soil	8	67	1.39	84	0.103	3	1.90	0.016	0.23	0.4	0.03	6.9	<0.1	<0.05	7	0.7
869166	Soil	10	47	1.39	60	0.108	3	1.69	0.025	0.17	0.4	<0.01	4.9	<0.1	<0.05	6	<0.5
869167	Soil	11	51	1.21	77	0.111	2	1.74	0.016	0.15	0.3	0.03	6.5	<0.1	<0.05	6	<0.5
869168	Soil	11	68	1.23	97	0.075	2	2.09	0.015	0.17	0.3	0.09	9.8	<0.1	<0.05	7	1.0
869169	Soil	7	65	1.58	109	0.096	2	2.10	0.017	0.20	0.3	0.04	7.8	<0.1	<0.05	7	0.5
869170	Soil	8	48	1.34	98	0.092	3	1.89	0.016	0.31	0.2	0.04	5.8	<0.1	<0.05	7	<0.5
869171	Soil	8	63	1.39	97	0.097	4	1.76	0.020	0.40	0.4	0.04	7.5	<0.1	<0.05	6	<0.5
869465	Soil	5	156	0.10	80	0.004	<1	0.87	0.003	0.08	0.3	0.06	2.3	0.1	<0.05	3	0.5
869466	Soil	4	57	0.08	59	0.002	<1	0.64	0.002	0.11	0.7	0.01	2.7	<0.1	<0.05	3	<0.5
869467	Soil	11	77	0.12	87	0.003	<1	0.59	0.003	0.12	0.4	0.06	7.0	0.2	<0.05	3	0.6
869468	Soil	13	104	0.38	151	0.014	<1	1.27	0.005	0.16	0.5	0.09	11.0	0.1	<0.05	5	0.5
869469	Soil	13	52	0.55	196	0.038	<1	1.25	0.006	0.13	0.2	0.07	6.7	0.2	<0.05	4	<0.5
869470	Soil	13	46	0.35	77	0.019	<1	1.43	0.005	0.12	0.3	0.06	4.4	0.2	<0.05	5	0.6
869471	Soil	17	44	0.40	170	0.022	<1	1.05	0.005	0.14	0.3	0.06	6.7	0.3	<0.05	3	0.6
869472	Soil	13	46	0.12	78	0.002	2	0.44	0.003	0.14	0.3	0.11	10.8	0.2	<0.05	2	0.6
869473	Soil	9	33	0.35	107	0.003	<1	0.93	0.005	0.10	0.6	0.06	9.1	0.4	<0.05	4	0.6
869474	Soil	21	10	0.12	192	0.001	<1	0.58	0.003	0.15	0.3	0.09	5.0	0.2	<0.05	2	0.9
869475	Soil	11	4	0.15	116	0.001	<1	0.51	0.004	0.14	0.4	0.01	4.4	<0.1	0.07	2	0.8
869476	Soil	17	92	0.45	313	0.017	<1	0.82	0.004	0.16	0.8	0.18	19.2	0.6	<0.05	3	1.3
869477	Soil	21	2	0.69	176	0.002	1	1.32	0.004	0.14	0.8	0.02	4.8	<0.1	<0.05	5	0.7
869478	Soil	6	52	0.53	134	0.004	1	1.33	0.004	0.10	0.7	0.04	4.1	0.2	<0.05	4	0.6

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	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		ppm 0.1	ppm 0.1	ppm 0.1	ppm 1	ppm 0.1	ppm 0.1	ppm 0.1	ppm 1	% 0.01	ppm 0.5	ppm 0.1	ppb 0.5	ppm 0.1	ppm 1	ppm 0.1	ppm 0.1	ppm 0.1	ppm 2	% 0.01
869479	Soil	1.4	54.0	5.0	89	0.1	9.8	12.9	663	3.94	9.0	0.5	2.9	0.8	17	0.2	0.7	<0.1	69	0.20
869480	Soil	1.2	57.9	5.6	65	0.1	10.1	10.9	642	4.01	10.3	0.5	3.2	0.1	27	0.1	0.8	<0.1	76	0.21
869481	Soil	1.5	118.5	6.7	76	<0.1	21.2	24.3	1279	4.39	12.6	0.7	8.0	3.2	32	0.2	1.6	0.1	92	0.56
869482	Soil	1.2	81.2	5.8	76	<0.1	19.2	18.1	784	4.66	11.8	0.6	3.6	0.6	14	0.2	1.1	0.1	88	0.16
869483	Soil	0.9	119.3	6.0	82	0.1	23.3	24.8	1105	5.11	12.6	0.6	5.6	1.3	28	0.2	1.3	0.1	111	0.48
869484	Soil	1.3	68.7	5.1	97	0.1	19.1	15.9	897	4.75	12.4	0.7	10.1	0.2	26	0.2	1.2	0.1	106	0.38
869485	Soil	0.8	52.8	5.8	86	0.2	13.2	10.3	613	3.53	6.6	0.8	3.4	0.4	33	0.3	0.7	0.1	83	0.92
869486	Soil	0.7	81.6	5.6	104	<0.1	16.6	18.8	816	4.82	9.4	0.4	2.1	2.1	21	0.2	0.6	<0.1	75	0.65
869487	Soil	1.3	52.4	4.9	101	<0.1	16.1	16.6	1044	4.61	8.8	0.5	1.7	0.4	15	0.2	0.5	<0.1	84	0.19
869488	Soil	1.5	94.9	6.2	103	0.2	24.3	17.1	1387	4.77	11.9	1.4	2.1	1.0	24	0.2	0.9	0.1	96	0.47
869489	Soil	0.9	56.4	4.9	93	0.1	22.2	16.8	756	4.69	7.4	1.1	28.0	0.6	24	0.2	0.5	<0.1	96	0.56
869490	Soil	0.9	55.5	4.8	115	0.1	33.3	21.2	829	5.26	4.4	1.0	1.9	1.3	27	0.2	0.3	<0.1	102	0.68
869491	Soil	1.2	90.2	4.9	86	0.1	34.8	21.2	1094	4.56	8.7	0.9	5.6	0.5	27	0.2	1.2	0.1	105	0.35
869492	Soil	1.3	53.8	4.7	73	<0.1	16.4	18.0	867	4.22	10.7	0.7	27.3	0.7	30	0.2	1.1	<0.1	92	0.42
869493	Soil	0.8	59.4	4.6	79	0.1	21.8	18.7	1055	4.60	6.8	0.8	1.6	0.2	17	0.2	0.3	<0.1	92	0.31
869494	Soil	0.8	57.2	4.2	78	0.2	18.0	13.3	1091	3.86	6.2	0.9	1.2	<0.1	26	0.2	0.4	0.1	92	0.33
869495	Soil	0.9	89.0	4.9	96	0.1	23.0	21.3	983	5.04	9.1	1.0	2.9	0.3	40	0.1	0.8	<0.1	132	0.49
869496	Soil	0.5	31.2	3.9	102	<0.1	18.9	13.9	642	4.51	4.4	0.4	0.8	0.2	22	0.2	0.3	<0.1	91	0.34
869497	Soil	0.3	41.9	4.8	87	<0.1	24.4	20.3	837	4.98	5.0	0.4	12.0	0.8	20	0.2	0.3	<0.1	101	0.42
869498	Soil	0.6	57.0	5.8	90	<0.1	34.4	16.9	596	5.74	5.9	0.6	0.6	0.9	14	0.2	0.3	<0.1	115	0.15
869499	Soil	0.6	23.9	6.9	60	<0.1	15.5	12.1	456	5.95	7.6	0.3	1.6	0.4	13	0.1	0.3	0.1	114	0.12
871123	Soil	1.8	50.9	5.8	67	<0.1	12.9	11.0	357	4.52	9.6	0.5	4.1	0.5	35	<0.1	1.1	<0.1	136	0.27
871124	Soil	0.4	24.3	4.5	55	0.1	14.9	12.2	373	4.25	4.4	0.3	<0.5	0.2	35	0.3	0.5	<0.1	151	0.38
871125	Soil	0.3	51.3	4.1	69	<0.1	23.1	22.0	725	5.46	6.0	0.3	1.3	1.1	35	0.2	0.6	<0.1	169	0.51
871126	Soil	0.4	29.0	3.8	61	<0.1	16.0	14.6	440	5.35	4.6	0.3	1.0	0.7	30	0.2	0.4	<0.1	167	0.35
871127	Soil	1.8	84.6	4.8	83	<0.1	25.6	21.3	1088	4.63	12.7	1.0	6.3	1.5	50	0.3	1.7	<0.1	114	0.54
871128	Soil	0.3	84.6	3.2	65	<0.1	40.3	30.1	633	7.10	5.2	0.3	2.7	1.5	27	<0.1	0.5	<0.1	296	0.56
871129	Soil	0.5	36.1	3.6	58	<0.1	23.3	18.9	466	6.20	6.6	0.2	2.2	0.8	27	0.2	0.5	<0.1	211	0.34
871130	Soil	0.3	23.4	3.9	51	<0.1	18.7	14.4	322	5.93	4.6	0.3	1.0	1.3	30	0.2	0.6	<0.1	248	0.37
871131	Soil	0.5	40.4	4.1	62	0.1	19.1	16.2	472	5.73	7.9	0.3	2.2	0.6	21	0.1	0.7	<0.1	194	0.30

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
869479	Soil	12	18	0.64	84	0.007	<1	1.84	0.005	0.07	0.2	0.02	3.1	<0.1	<0.05	6	<0.5
869480	Soil	7	22	0.43	43	0.009	<1	1.39	0.007	0.06	0.2	0.03	1.1	<0.1	<0.05	6	<0.5
869481	Soil	19	29	0.71	74	0.041	<1	1.27	0.006	0.13	0.3	0.05	7.3	0.1	<0.05	4	0.7
869482	Soil	10	29	0.68	46	0.020	<1	1.91	0.005	0.06	0.2	0.04	3.5	<0.1	<0.05	5	<0.5
869483	Soil	21	40	0.98	138	0.035	<1	1.83	0.007	0.11	0.3	0.04	7.5	<0.1	<0.05	5	<0.5
869484	Soil	7	39	0.61	108	0.012	<1	1.40	0.005	0.12	0.4	0.03	2.8	<0.1	<0.05	5	<0.5
869485	Soil	9	27	0.52	141	0.013	<1	1.47	0.007	0.07	0.2	0.05	3.2	<0.1	0.07	5	<0.5
869486	Soil	14	23	0.94	113	0.010	1	2.06	0.008	0.07	0.2	0.03	6.2	<0.1	<0.05	6	<0.5
869487	Soil	6	33	0.82	109	0.011	<1	2.20	0.007	0.07	0.1	0.02	2.8	<0.1	<0.05	8	<0.5
869488	Soil	31	41	0.64	194	0.007	<1	2.35	0.008	0.11	0.2	0.05	6.5	0.1	<0.05	7	0.6
869489	Soil	11	40	1.10	98	0.044	2	2.41	0.007	0.07	0.2	0.02	4.7	<0.1	<0.05	8	0.6
869490	Soil	17	61	1.54	109	0.044	1	3.15	0.007	0.09	<0.1	0.03	7.5	<0.1	<0.05	9	0.6
869491	Soil	19	53	0.87	178	0.025	<1	1.95	0.007	0.11	0.2	0.03	4.8	<0.1	<0.05	6	<0.5
869492	Soil	10	31	0.73	69	0.023	<1	1.48	0.005	0.08	0.3	0.02	4.2	<0.1	<0.05	5	0.6
869493	Soil	13	44	0.91	125	0.011	<1	2.64	0.011	0.08	<0.1	0.03	2.5	<0.1	<0.05	9	<0.5
869494	Soil	13	44	0.69	130	0.012	1	2.23	0.011	0.09	<0.1	0.03	1.3	<0.1	<0.05	9	<0.5
869495	Soil	11	54	1.10	143	0.025	<1	2.39	0.010	0.16	0.1	0.03	3.6	<0.1	<0.05	8	<0.5
869496	Soil	5	39	1.12	101	0.034	1	2.52	0.008	0.07	<0.1	<0.01	3.1	<0.1	<0.05	9	<0.5
869497	Soil	9	43	1.38	74	0.079	1	2.66	0.008	0.05	<0.1	0.02	4.9	<0.1	<0.05	8	<0.5
869498	Soil	5	68	1.32	91	0.087	<1	3.46	0.008	0.08	<0.1	0.04	4.5	<0.1	<0.05	10	<0.5
869499	Soil	4	34	0.86	34	0.073	<1	2.47	0.005	0.03	<0.1	0.04	2.8	<0.1	<0.05	10	<0.5
871123	Soil	5	33	0.43	71	0.049	<1	1.38	0.006	0.09	0.3	0.03	3.6	<0.1	<0.05	7	<0.5
871124	Soil	4	45	0.74	109	0.155	<1	1.73	0.015	0.06	<0.1	0.02	4.5	<0.1	<0.05	8	<0.5
871125	Soil	6	61	1.18	80	0.165	1	2.33	0.019	0.08	<0.1	0.02	6.2	<0.1	<0.05	8	<0.5
871126	Soil	4	48	0.85	70	0.135	<1	1.77	0.022	0.05	<0.1	0.03	4.6	<0.1	<0.05	7	<0.5
871127	Soil	11	40	0.76	132	0.046	1	1.33	0.007	0.12	0.4	0.03	6.5	0.1	<0.05	4	<0.5
871128	Soil	7	98	1.33	57	0.150	<1	2.20	0.023	0.06	<0.1	0.02	8.9	<0.1	<0.05	7	<0.5
871129	Soil	4	64	0.99	52	0.185	<1	1.98	0.017	0.03	<0.1	0.02	5.0	<0.1	<0.05	7	<0.5
871130	Soil	4	64	0.73	47	0.198	<1	1.81	0.027	0.04	<0.1	0.01	5.1	<0.1	<0.05	8	<0.5
871131	Soil	5	56	0.88	53	0.109	<1	1.88	0.021	0.04	<0.1	0.04	4.7	<0.1	<0.05	7	<0.5

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	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	0.1	2	0.01
871132	Soil	0.8	55.6	5.3	80	<0.1	14.0	15.8	619	4.97	10.4	0.2	0.9	0.4	16	0.1	0.8	<0.1	107	0.23	0.100
871133	Soil	0.6	57.5	4.9	79	<0.1	14.3	17.4	700	4.83	8.5	0.3	2.2	0.4	17	0.2	0.6	<0.1	99	0.25	0.078
871134	Soil	1.2	67.7	4.6	73	<0.1	19.5	22.4	1303	4.75	9.9	0.7	2.8	0.3	39	0.1	1.2	<0.1	123	0.42	0.090
871135	Soil	0.4	17.6	4.4	39	0.1	9.5	7.5	261	2.89	4.8	0.3	<0.5	0.6	21	<0.1	0.5	<0.1	93	0.21	0.053
871136	Soil	0.4	22.5	5.1	50	<0.1	15.9	11.9	304	4.67	5.7	0.4	1.5	2.0	23	0.1	0.6	<0.1	155	0.28	0.038
871137	Soil	0.6	37.1	6.2	66	<0.1	18.7	14.7	499	4.49	18.5	0.4	1.6	1.5	20	0.2	1.0	<0.1	116	0.26	0.058
871138	Soil	0.4	37.9	4.2	52	<0.1	17.8	12.3	389	4.29	5.8	0.4	0.5	0.9	24	0.2	0.6	<0.1	159	0.40	0.031
871139	Soil	1.6	85.2	4.6	87	<0.1	24.5	22.1	1011	4.92	13.1	1.0	4.6	1.3	48	0.3	1.6	<0.1	121	0.59	0.135
871140	Soil	1.4	71.2	5.2	86	<0.1	19.0	19.6	902	4.77	11.4	0.8	38.3	0.7	35	0.2	1.4	0.1	110	0.40	0.094
871141	Soil	1.2	73.1	5.6	102	0.1	22.3	20.0	1043	4.49	11.4	1.2	4.7	0.7	52	0.3	1.3	0.1	108	0.78	0.104
871142	Soil	1.1	53.4	6.4	78	<0.1	18.0	14.4	486	4.30	9.8	0.6	2.5	1.3	29	0.1	1.1	0.1	111	0.25	0.091
871143	Soil	1.1	105.1	11.6	151	0.2	40.5	25.1	912	7.83	30.5	1.6	1.5	4.3	16	0.2	1.3	0.2	144	0.13	0.075
871144	Soil	0.9	40.8	7.5	93	0.2	15.0	15.7	836	5.08	18.0	0.6	0.8	0.9	19	0.3	0.8	0.1	126	0.19	0.081
871145	Soil	1.0	47.7	6.5	73	<0.1	16.4	16.3	1021	4.42	13.1	0.7	1.5	1.5	31	0.1	1.0	0.1	102	0.32	0.072
871146	Soil	1.7	67.6	5.0	79	<0.1	20.0	18.1	545	4.77	12.7	0.7	3.6	1.8	37	0.1	1.6	0.1	115	0.39	0.085
871147	Soil	1.3	65.7	5.2	79	0.1	19.0	18.4	1161	4.58	13.0	0.8	2.5	0.5	31	0.2	1.4	0.1	106	0.32	0.089
871148	Soil	1.5	69.8	5.3	78	<0.1	18.7	18.2	770	4.83	12.6	0.7	5.0	0.8	31	0.1	1.4	0.1	111	0.29	0.058
871149	Soil	0.7	39.3	5.6	62	<0.1	16.5	18.4	842	4.03	13.7	0.9	3.2	1.3	33	0.2	0.8	<0.1	99	0.43	0.089
871150	Soil	1.1	68.6	4.8	72	<0.1	19.0	19.8	853	4.71	12.7	1.0	3.0	1.4	50	0.2	1.4	<0.1	112	0.65	0.114
871151	Soil	1.1	78.0	4.8	80	<0.1	22.3	19.4	870	4.60	11.6	1.0	3.5	1.7	56	0.2	1.3	0.1	111	0.75	0.143
871152	Soil	1.1	58.5	5.3	68	<0.1	19.5	19.8	919	4.65	11.0	0.9	10.3	1.4	44	0.2	1.4	0.1	113	0.51	0.107
871153	Soil	0.8	42.1	5.1	68	<0.1	17.5	16.7	619	4.27	10.0	0.7	1.7	2.5	37	0.1	0.9	<0.1	105	0.47	0.084
871154	Soil	1.9	13.2	8.5	64	0.1	10.1	11.9	297	4.28	8.8	0.5	<0.5	1.8	25	0.2	0.6	0.1	114	0.31	0.046
871155	Soil	0.7	13.0	8.4	38	<0.1	8.8	6.6	255	3.78	6.2	0.3	19.2	1.3	20	0.1	0.6	0.2	130	0.20	0.078
871156	Soil	1.1	56.7	5.1	69	<0.1	19.0	21.3	1059	4.03	11.7	0.9	2.7	2.3	51	0.3	1.2	<0.1	89	0.60	0.112
871157	Soil	1.1	60.6	4.6	84	<0.1	19.2	19.0	792	4.70	12.0	1.0	5.2	1.9	57	0.3	1.2	<0.1	112	0.74	0.157
871158	Soil	1.1	67.7	4.8	68	<0.1	19.8	18.8	966	4.54	11.8	1.3	3.2	2.4	37	0.1	1.2	<0.1	103	0.46	0.127
871159	Soil	1.2	77.2	5.0	75	<0.1	21.5	20.4	1145	4.92	13.2	1.0	10.6	2.4	42	0.2	1.5	<0.1	109	0.46	0.110
871160	Soil	1.4	69.5	5.6	83	<0.1	21.9	21.2	1415	5.19	14.3	1.2	11.2	1.4	34	0.1	1.2	<0.1	114	0.38	0.083
871161	Soil	1.3	68.5	4.9	78	<0.1	21.1	19.6	886	4.64	10.6	2.0	3.5	1.8	52	0.2	1.1	<0.1	112	0.81	0.114

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
871132	Soil	7	26	0.89	64	0.041	<1	1.87	0.010	0.06	<0.1	0.03	4.5	<0.1	<0.05	6	<0.5
871133	Soil	7	28	1.09	56	0.053	<1	2.07	0.009	0.05	<0.1	0.02	4.3	<0.1	<0.05	7	<0.5
871134	Soil	9	40	0.76	129	0.035	<1	1.53	0.008	0.07	0.3	0.03	4.2	<0.1	<0.05	5	<0.5
871135	Soil	6	35	0.41	87	0.056	<1	1.17	0.010	0.04	<0.1	0.03	3.0	<0.1	<0.05	7	<0.5
871136	Soil	7	53	0.72	76	0.123	<1	1.70	0.014	0.06	0.1	0.02	4.5	<0.1	<0.05	8	<0.5
871137	Soil	8	40	0.89	74	0.071	<1	1.91	0.009	0.07	0.1	0.03	4.7	<0.1	<0.05	6	<0.5
871138	Soil	7	49	0.75	77	0.098	<1	1.56	0.018	0.06	0.1	0.02	4.5	<0.1	<0.05	7	<0.5
871139	Soil	11	44	0.87	127	0.048	<1	1.46	0.008	0.13	0.4	0.04	6.5	<0.1	<0.05	5	<0.5
871140	Soil	9	37	0.86	116	0.033	1	1.56	0.007	0.08	0.4	0.02	4.9	<0.1	<0.05	5	<0.5
871141	Soil	12	39	0.92	168	0.036	1	1.67	0.010	0.11	0.3	0.04	5.8	<0.1	<0.05	5	0.7
871142	Soil	7	34	0.78	73	0.053	1	1.53	0.007	0.07	0.3	0.02	4.0	<0.1	<0.05	6	<0.5
871143	Soil	10	75	1.25	173	0.040	1	4.08	0.009	0.21	0.1	0.04	10.1	0.1	<0.05	11	0.6
871144	Soil	7	37	0.71	154	0.059	1	2.30	0.008	0.09	<0.1	0.03	5.1	<0.1	<0.05	9	<0.5
871145	Soil	12	35	0.71	120	0.046	1	1.57	0.007	0.09	0.2	0.03	5.2	<0.1	<0.05	6	<0.5
871146	Soil	7	37	0.80	76	0.042	1	1.50	0.006	0.06	0.4	0.01	5.5	<0.1	<0.05	5	<0.5
871147	Soil	9	37	0.75	124	0.031	<1	1.52	0.007	0.09	0.3	0.05	4.4	<0.1	<0.05	5	<0.5
871148	Soil	6	37	0.79	53	0.041	<1	1.56	0.008	0.10	0.3	0.02	4.8	<0.1	<0.05	6	0.7
871149	Soil	10	34	0.82	79	0.052	<1	1.40	0.009	0.12	0.2	0.03	4.1	<0.1	<0.05	5	0.6
871150	Soil	13	41	0.88	106	0.048	<1	1.48	0.008	0.11	0.3	0.03	5.9	<0.1	<0.05	5	0.7
871151	Soil	15	40	0.90	127	0.052	1	1.48	0.008	0.15	0.4	0.04	6.2	<0.1	<0.05	5	0.9
871152	Soil	11	38	0.83	79	0.060	2	1.43	0.009	0.10	0.4	0.03	5.2	<0.1	<0.05	5	0.8
871153	Soil	10	34	0.92	130	0.071	<1	1.65	0.008	0.09	0.2	0.02	5.2	<0.1	<0.05	6	<0.5
871154	Soil	7	25	0.47	96	0.120	<1	1.92	0.008	0.03	<0.1	0.03	3.3	<0.1	<0.05	10	<0.5
871155	Soil	5	22	0.30	79	0.189	<1	1.08	0.007	0.04	<0.1	0.02	2.1	<0.1	<0.05	10	<0.5
871156	Soil	12	29	0.74	92	0.052	<1	1.26	0.007	0.13	0.3	0.03	5.5	<0.1	<0.05	4	0.6
871157	Soil	12	41	0.79	97	0.057	1	1.28	0.008	0.15	0.4	0.02	5.4	<0.1	<0.05	5	<0.5
871158	Soil	17	35	0.88	85	0.055	<1	1.50	0.008	0.10	0.3	0.03	6.3	<0.1	<0.05	5	0.6
871159	Soil	13	38	0.95	89	0.065	<1	1.59	0.008	0.12	0.3	0.02	6.8	<0.1	<0.05	6	<0.5
871160	Soil	15	41	1.00	115	0.056	1	1.92	0.009	0.10	0.2	0.03	7.3	<0.1	<0.05	6	0.5
871161	Soil	14	41	0.97	84	0.069	1	1.62	0.011	0.12	0.2	0.03	6.7	<0.1	<0.05	5	0.8

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	Method Analyte Unit MDL	1DX15 Mo ppm 0.1	1DX15 Cu ppm 0.1	1DX15 Pb ppm 0.1	1DX15 Zn ppm 1	1DX15 Ag ppm 0.1	1DX15 Ni ppm 0.1	1DX15 Co ppm 0.1	1DX15 Mn ppm 1	1DX15 Fe % 0.01	1DX15 As ppm 0.5	1DX15 U ppm 0.1	1DX15 Au ppb 0.5	1DX15 Th ppm 0.1	1DX15 Sr ppm 1	1DX15 Cd ppm 0.1	1DX15 Sb ppm 0.1	1DX15 Bi ppm 0.1	1DX15 V ppm 2	1DX15 Ca % 0.01	1DX15 P % 0.001
871162	Soil	0.7	33.5	4.5	48	0.1	6.5	11.8	312	3.64	6.0	0.3	4.7	0.6	107	<0.1	0.8	<0.1	138	0.53	0.132
871163	Soil	0.7	174.0	2.5	105	0.3	17.6	30.2	751	5.62	7.9	0.7	4.6	1.4	88	0.2	0.9	<0.1	166	0.76	0.263
871164	Soil	0.9	41.4	3.9	71	0.3	7.6	13.2	579	4.99	8.0	0.2	1.4	0.5	108	0.1	0.9	<0.1	163	0.44	0.182
871165	Soil	0.6	60.6	2.4	71	0.4	10.1	20.9	493	5.94	7.4	0.5	1.8	0.9	88	<0.1	0.5	<0.1	209	0.53	0.406
871166	Soil	0.7	24.9	3.5	64	0.2	7.1	11.4	317	4.57	5.6	0.3	2.5	0.6	101	0.1	0.6	<0.1	145	0.41	0.235
871167	Soil	0.7	422.3	2.2	76	0.6	15.7	25.1	813	4.68	5.1	3.3	4.4	0.7	142	<0.1	0.5	<0.1	149	1.15	0.168
871168	Soil	1.9	340.7	2.0	59	1.0	18.0	20.4	1092	3.61	6.0	2.5	5.2	0.3	142	0.1	0.7	<0.1	121	1.54	0.225
871169	Soil	1.0	190.4	2.3	69	0.3	21.5	24.4	1010	4.60	5.5	1.7	3.5	0.8	110	<0.1	0.4	<0.1	143	1.16	0.239
871170	Soil	0.9	198.3	2.4	84	0.1	19.6	27.6	973	5.64	8.3	1.3	25.5	1.3	130	<0.1	0.6	<0.1	190	1.51	0.369
871171	Soil	0.8	184.3	2.3	79	<0.1	18.3	26.3	845	4.86	6.5	1.1	3.9	1.0	104	0.1	0.4	<0.1	153	1.04	0.268
871172	Soil	0.7	39.5	2.8	54	0.2	16.9	16.2	330	4.26	5.5	0.3	2.0	0.5	81	<0.1	0.4	<0.1	141	0.42	0.155
871173	Soil	1.1	95.1	3.1	79	0.1	32.5	23.6	463	5.42	9.7	0.4	2.2	0.8	59	<0.1	0.5	<0.1	159	0.37	0.129
871174	Soil	0.6	126.2	3.1	71	<0.1	40.5	27.6	640	4.79	7.6	0.6	1.9	0.8	78	0.1	0.4	<0.1	149	0.63	0.194
871175	Soil	1.3	49.9	3.7	81	0.2	18.0	14.4	318	4.21	14.1	0.5	1.1	1.0	42	0.1	0.6	<0.1	122	0.32	0.073
871176	Soil	2.1	76.3	3.4	64	0.2	21.0	17.3	368	4.22	26.6	1.4	1.5	0.7	57	0.2	0.7	<0.1	176	0.43	0.055
871177	Soil	1.6	101.6	2.5	78	0.2	56.3	23.4	1101	4.05	39.1	4.1	1.3	0.6	87	0.1	0.6	<0.1	143	1.13	0.192
871178	Soil	1.2	155.0	2.3	87	0.1	28.0	27.8	731	5.85	16.2	0.4	1.3	0.8	46	<0.1	1.0	<0.1	193	0.55	0.193
871179	Soil	1.0	68.5	2.5	58	0.2	14.0	18.6	392	4.47	5.9	0.3	<0.5	0.6	55	0.1	0.6	<0.1	165	0.34	0.113
871180	Soil	1.5	39.9	4.0	49	0.2	16.3	11.9	255	4.09	14.2	0.2	2.8	0.5	49	<0.1	1.6	<0.1	165	0.31	0.054
871181	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
871182	Soil	0.9	200.8	1.9	76	<0.1	23.4	27.3	911	5.13	9.0	2.3	4.9	1.4	81	<0.1	0.4	<0.1	174	1.27	0.393
871183	Soil	0.8	195.8	2.2	84	<0.1	25.9	28.0	901	5.43	9.2	2.3	3.1	1.4	100	<0.1	0.5	<0.1	184	1.32	0.356
871184	Soil	1.2	190.9	2.2	76	0.2	23.8	25.8	699	4.66	10.1	2.0	2.2	0.7	93	0.1	0.5	<0.1	172	1.15	0.192
871185	Soil	1.1	266.8	2.2	89	0.2	29.1	29.8	1166	5.13	10.2	3.2	3.4	0.9	98	<0.1	0.5	<0.1	178	1.25	0.270
871186	Soil	1.1	165.8	2.2	85	0.2	25.9	27.7	818	5.19	10.5	2.0	2.7	0.8	93	<0.1	0.5	<0.1	178	1.20	0.236
871187	Soil	1.4	136.8	2.9	64	0.3	23.3	25.5	517	4.86	12.0	1.2	2.3	0.5	63	<0.1	0.8	<0.1	190	0.63	0.066
871188	Soil	0.9	235.8	2.7	88	0.3	38.7	26.1	908	4.77	11.4	4.0	2.0	0.6	103	0.2	0.8	<0.1	161	1.49	0.285
871189	Soil	1.6	105.0	4.1	94	0.4	53.0	34.4	1837	5.19	42.4	2.2	2.3	1.2	68	0.3	1.5	<0.1	178	1.20	0.224

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
871162	Soil	5	16	0.68	42	0.176	<1	1.35	0.015	0.12	0.3	0.02	3.1	<0.1	<0.05	8	<0.5
871163	Soil	9	29	1.64	71	0.151	1	2.60	0.012	0.23	0.3	0.02	4.7	<0.1	<0.05	7	<0.5
871164	Soil	4	19	0.70	62	0.169	1	1.55	0.014	0.07	0.4	0.02	4.2	<0.1	<0.05	9	<0.5
871165	Soil	5	20	1.38	31	0.169	1	2.29	0.013	0.07	0.3	0.04	3.8	<0.1	<0.05	10	<0.5
871166	Soil	3	18	0.66	43	0.170	1	1.52	0.016	0.07	0.3	0.04	3.2	<0.1	<0.05	9	<0.5
871167	Soil	13	21	1.46	72	0.128	2	2.12	0.014	0.27	0.2	0.06	9.4	<0.1	<0.05	7	<0.5
871168	Soil	19	37	1.20	84	0.075	4	1.62	0.021	0.24	0.3	0.08	5.2	<0.1	<0.05	5	0.8
871169	Soil	9	62	1.38	71	0.116	2	1.64	0.015	0.30	0.3	0.02	4.8	<0.1	<0.05	6	<0.5
871170	Soil	11	49	1.61	61	0.173	3	1.92	0.023	0.52	0.4	0.02	5.5	<0.1	<0.05	7	0.8
871171	Soil	9	41	1.52	46	0.130	2	1.88	0.016	0.31	0.3	0.02	5.0	<0.1	<0.05	6	0.5
871172	Soil	3	62	1.03	36	0.165	1	1.60	0.014	0.07	0.3	0.02	2.7	<0.1	<0.05	8	<0.5
871173	Soil	3	108	1.51	31	0.159	2	2.37	0.011	0.12	0.3	0.02	3.6	<0.1	<0.05	8	<0.5
871174	Soil	4	127	1.82	58	0.138	2	2.19	0.012	0.19	0.3	<0.01	3.5	<0.1	<0.05	7	<0.5
871175	Soil	5	38	0.84	56	0.127	1	2.00	0.012	0.05	0.3	0.03	3.8	<0.1	<0.05	6	<0.5
871176	Soil	4	46	0.96	86	0.158	1	1.50	0.012	0.07	0.4	0.02	3.1	<0.1	<0.05	7	0.6
871177	Soil	7	55	1.48	117	0.080	<1	1.58	0.014	0.22	0.3	0.04	4.9	<0.1	0.07	5	1.9
871178	Soil	5	60	1.42	50	0.122	1	2.18	0.012	0.18	0.4	0.03	4.2	<0.1	<0.05	7	<0.5
871179	Soil	3	38	1.03	41	0.155	<1	1.73	0.015	0.10	0.3	0.02	2.7	<0.1	<0.05	8	<0.5
871180	Soil	2	46	0.47	83	0.141	1	1.04	0.011	0.07	0.6	0.03	3.4	<0.1	<0.05	7	0.6
871181	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
871182	Soil	12	47	1.55	66	0.095	3	1.77	0.020	0.40	0.4	0.02	4.9	<0.1	<0.05	6	0.8
871183	Soil	11	53	1.50	66	0.096	2	1.76	0.018	0.36	0.3	0.02	5.7	<0.1	<0.05	6	0.6
871184	Soil	7	49	1.40	80	0.087	3	1.80	0.019	0.16	0.2	0.03	6.3	<0.1	<0.05	6	1.0
871185	Soil	10	46	1.69	83	0.107	3	1.96	0.019	0.40	0.3	0.03	5.9	<0.1	<0.05	7	0.8
871186	Soil	8	51	1.67	88	0.100	2	1.97	0.019	0.23	0.3	0.02	6.0	<0.1	<0.05	7	<0.5
871187	Soil	5	54	1.25	38	0.126	2	1.92	0.015	0.07	0.4	0.03	4.2	<0.1	<0.05	7	0.8
871188	Soil	10	51	1.43	102	0.105	4	1.75	0.021	0.34	0.6	0.06	6.5	<0.1	<0.05	6	1.4
871189	Soil	9	74	1.15	186	0.070	3	2.02	0.013	0.39	0.5	0.07	16.6	0.2	<0.05	7	1.5

QUALITY CONTROL REPORT

SMI08000733.1

Method	Analyte	Unit	MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15		
				Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
				ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
				0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																							
867856	Soil		0.5	24.4	5.0	66	<0.1	15.5	11.9	509	4.68	18.0	0.4	3.7	1.4	17	0.2	0.8	<0.1	106	0.25	0.079	
REP 867856	QC		0.7	23.9	5.0	65	<0.1	14.5	11.8	502	4.69	18.1	0.4	0.8	1.3	19	0.2	0.8	0.1	107	0.26	0.076	
867859	Soil		0.6	23.9	4.9	74	<0.1	14.2	13.2	587	4.15	6.4	0.6	4.9	1.7	20	0.2	0.5	<0.1	112	0.27	0.035	
REP 867859	QC		0.7	23.1	4.4	73	<0.1	13.9	13.6	589	4.19	6.5	0.6	0.9	1.6	24	0.2	0.5	<0.1	117	0.29	0.035	
867878	Soil		0.6	37.8	4.7	66	0.3	9.0	11.3	776	4.95	9.6	0.2	<0.5	0.6	12	<0.1	0.7	<0.1	90	0.09	0.201	
REP 867878	QC		0.4	37.6	4.7	71	0.3	10.9	11.8	782	4.98	9.9	0.3	2.5	0.5	13	0.1	0.8	<0.1	92	0.11	0.196	
868904	Soil		0.8	46.7	5.4	79	<0.1	19.3	21.6	865	4.23	7.2	0.2	2.3	1.4	22	0.1	0.5	<0.1	108	0.47	0.087	
REP 868904	QC		0.7	50.2	5.7	83	<0.1	19.9	22.5	900	4.42	7.3	0.2	3.5	1.4	22	0.1	0.5	<0.1	109	0.46	0.083	
869058	Soil		0.9	110.5	8.3	104	0.1	56.1	28.3	1453	5.51	15.5	0.4	1.6	1.9	18	0.3	1.4	0.2	107	0.82	0.096	
REP 869058	QC		0.9	121.2	8.6	101	0.1	59.1	30.7	1563	5.68	15.7	0.5	0.8	2.1	19	0.3	1.7	0.2	110	0.84	0.097	
869067	Soil		1.4	118.2	6.9	91	<0.1	28.0	24.4	1425	4.73	9.8	0.8	5.1	1.6	60	0.2	1.7	0.1	115	0.76	0.137	
REP 869067	QC		1.3	121.0	6.5	91	<0.1	27.8	24.8	1390	4.71	9.9	0.8	4.0	1.7	62	0.2	1.7	0.1	117	0.78	0.137	
869090	Soil		0.9	141.9	2.6	84	<0.1	14.7	27.4	691	5.53	8.3	0.6	4.3	1.3	96	<0.1	0.6	<0.1	202	0.77	0.237	
REP 869090	QC		0.8	145.2	3.0	87	<0.1	15.1	28.0	689	5.73	8.4	0.6	3.8	1.3	107	<0.1	0.7	<0.1	209	0.82	0.238	
869166	Soil		0.9	134.1	2.0	76	<0.1	20.1	25.7	662	5.00	9.7	1.5	2.9	1.1	96	0.1	0.4	<0.1	163	1.29	0.300	
REP 869166	QC		0.9	132.3	2.1	78	<0.1	19.8	25.2	654	4.92	9.6	1.4	5.3	1.1	93	0.2	0.4	<0.1	159	1.27	0.327	
869471	Soil		2.4	63.0	5.9	79	<0.1	84.5	28.4	1853	4.67	35.6	0.9	3.9	1.4	24	0.2	2.2	<0.1	86	0.37	0.109	
REP 869471	QC		2.5	61.1	6.3	79	<0.1	84.4	27.4	1804	4.50	34.5	0.9	4.4	1.4	24	0.2	2.2	<0.1	85	0.36	0.101	
869493	Soil		0.8	59.4	4.6	79	0.1	21.8	18.7	1055	4.60	6.8	0.8	1.6	0.2	17	0.2	0.3	<0.1	92	0.31	0.109	
REP 869493	QC		0.7	63.9	5.1	84	0.1	23.5	20.1	1121	4.69	7.8	0.8	2.3	0.2	17	0.2	0.3	<0.1	97	0.31	0.126	
871125	Soil		0.3	51.3	4.1	69	<0.1	23.1	22.0	725	5.46	6.0	0.3	1.3	1.1	35	0.2	0.6	<0.1	169	0.51	0.086	
REP 871125	QC		0.4	51.7	4.3	69	<0.1	22.8	21.8	738	5.44	6.2	0.3	2.0	1.2	32	0.1	0.6	<0.1	168	0.47	0.083	
871140	Soil		1.4	71.2	5.2	86	<0.1	19.0	19.6	902	4.77	11.4	0.8	38.3	0.7	35	0.2	1.4	0.1	110	0.40	0.094	
REP 871140	QC		1.4	75.1	5.4	90	<0.1	21.4	21.5	919	4.99	12.2	0.8	4.0	0.8	39	0.2	1.6	0.2	119	0.41	0.102	
871164	Soil		0.9	41.4	3.9	71	0.3	7.6	13.2	579	4.99	8.0	0.2	1.4	0.5	108	0.1	0.9	<0.1	163	0.44	0.182	
REP 871164	QC		0.9	42.0	3.9	70	0.3	7.9	12.8	578	4.94	7.9	0.2	2.3	0.5	111	0.2	0.9	<0.1	160	0.44	0.178	
871180	Soil		1.5	39.9	4.0	49	0.2	16.3	11.9	255	4.09	14.2	0.2	2.8	0.5	49	<0.1	1.6	<0.1	165	0.31	0.054	
REP 871180	QC		1.4	40.7	4.0	52	0.2	16.6	12.2	266	3.95	13.6	0.2	3.0	0.5	49	<0.1	1.3	<0.1	175	0.28	0.059	

QUALITY CONTROL REPORT

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Method Analyte Unit MDL		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
Pulp Duplicates																	
867856	Soil	8	32	0.93	74	0.059	1	2.13	0.009	0.06	<0.1	0.03	4.5	<0.1	<0.05	6	<0.5
REP 867856	QC	8	31	0.95	77	0.065	2	2.14	0.010	0.07	<0.1	0.02	4.7	<0.1	<0.05	7	<0.5
867859	Soil	9	31	1.02	153	0.074	2	1.98	0.008	0.07	<0.1	0.03	5.0	<0.1	0.07	8	0.7
REP 867859	QC	10	32	1.00	151	0.085	<1	2.06	0.010	0.07	0.1	0.01	5.2	<0.1	<0.05	8	0.7
867878	Soil	6	22	0.70	59	0.030	2	1.88	0.007	0.05	<0.1	0.03	3.5	<0.1	<0.05	8	0.6
REP 867878	QC	7	22	0.75	61	0.043	1	1.90	0.023	0.06	0.1	0.02	3.5	<0.1	<0.05	8	0.6
868904	Soil	9	30	1.51	61	0.115	1	2.25	0.018	0.08	<0.1	<0.01	6.3	<0.1	<0.05	7	0.7
REP 868904	QC	10	31	1.49	61	0.109	<1	2.22	0.011	0.08	<0.1	0.01	6.6	<0.1	<0.05	7	1.3
869058	Soil	19	52	0.93	237	0.007	2	1.70	0.003	0.11	0.4	0.03	12.4	0.1	<0.05	5	1.5
REP 869058	QC	19	53	0.96	243	0.011	3	1.77	0.004	0.13	0.6	0.04	12.3	0.1	<0.05	5	2.4
869067	Soil	14	42	0.91	133	0.048	1	1.70	0.007	0.18	0.3	0.04	6.8	0.1	<0.05	5	<0.5
REP 869067	QC	14	42	0.93	135	0.047	1	1.67	0.007	0.18	0.2	0.03	6.8	0.1	<0.05	5	<0.5
869090	Soil	7	25	1.51	51	0.188	1	2.49	0.013	0.33	0.4	0.01	4.8	<0.1	<0.05	9	<0.5
REP 869090	QC	8	26	1.57	52	0.199	2	2.75	0.016	0.34	0.5	0.01	5.2	<0.1	<0.05	9	<0.5
869166	Soil	10	47	1.39	60	0.108	3	1.69	0.025	0.17	0.4	<0.01	4.9	<0.1	<0.05	6	<0.5
REP 869166	QC	10	47	1.41	56	0.103	2	1.74	0.024	0.17	0.4	<0.01	4.8	<0.1	<0.05	7	<0.5
869471	Soil	17	44	0.40	170	0.022	<1	1.05	0.005	0.14	0.3	0.06	6.7	0.3	<0.05	3	0.6
REP 869471	QC	16	44	0.40	167	0.021	<1	1.00	0.005	0.12	0.3	0.06	6.7	0.3	<0.05	3	<0.5
869493	Soil	13	44	0.91	125	0.011	<1	2.64	0.011	0.08	<0.1	0.03	2.5	<0.1	<0.05	9	<0.5
REP 869493	QC	15	46	0.94	135	0.017	2	2.57	0.011	0.08	<0.1	0.02	3.1	<0.1	<0.05	9	<0.5
871125	Soil	6	61	1.18	80	0.165	1	2.33	0.019	0.08	<0.1	0.02	6.2	<0.1	<0.05	8	<0.5
REP 871125	QC	6	60	1.18	79	0.150	2	2.21	0.019	0.08	<0.1	0.01	6.1	<0.1	<0.05	7	<0.5
871140	Soil	9	37	0.86	116	0.033	1	1.56	0.007	0.08	0.4	0.02	4.9	<0.1	<0.05	5	<0.5
REP 871140	QC	9	40	0.89	122	0.048	1	1.61	0.008	0.09	0.4	0.02	5.0	<0.1	<0.05	6	<0.5
871164	Soil	4	19	0.70	62	0.169	1	1.55	0.014	0.07	0.4	0.02	4.2	<0.1	<0.05	9	<0.5
REP 871164	QC	3	19	0.68	59	0.170	1	1.53	0.015	0.07	0.5	0.01	4.0	<0.1	<0.05	9	<0.5
871180	Soil	2	46	0.47	83	0.141	1	1.04	0.011	0.07	0.6	0.03	3.4	<0.1	<0.05	7	0.6
REP 871180	QC	3	44	0.50	86	0.138	2	1.04	0.012	0.07	0.6	0.04	3.1	<0.1	<0.05	8	<0.5

QUALITY CONTROL REPORT

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		1DX15 Mo ppm 0.1	1DX15 Cu ppm 0.1	1DX15 Pb ppm 0.1	1DX15 Zn ppm 1	1DX15 Ag ppm 0.1	1DX15 Ni ppm 0.1	1DX15 Co ppm 0.1	1DX15 Mn ppm 1	1DX15 Fe % 0.01	1DX15 As ppm 0.5	1DX15 U ppm 0.1	1DX15 Au ppb 0.5	1DX15 Th ppm 0.1	1DX15 Sr ppm 1	1DX15 Cd ppm 0.1	1DX15 Sb ppm 0.1	1DX15 Bi ppm 0.1	1DX15 V ppm 2	1DX15 Ca % 0.01	1DX15 P % 0.001
Reference Materials																					
STD DS7	Standard	19.7	102.0	66.6	382	0.8	53.9	8.8	548	2.09	48.1	4.5	71.9	3.8	64	5.7	6.0	4.4	88	0.79	0.065
STD DS7	Standard	18.4	101.5	66.9	384	0.8	51.1	8.9	582	2.21	49.6	4.7	69.5	4.4	72	5.8	5.9	4.3	79	0.90	0.074
STD DS7	Standard	19.6	109.4	72.6	393	0.8	56.5	9.6	634	2.38	49.2	5.4	66.9	4.4	79	5.7	5.5	4.9	87	0.93	0.073
STD DS7	Standard	18.3	116.0	66.8	395	0.9	55.9	9.7	667	2.46	50.6	4.7	72.3	4.2	61	6.4	6.0	4.4	92	0.82	0.076
STD DS7	Standard	20.7	120.1	70.9	404	0.9	59.9	10.4	660	2.49	51.3	5.4	69.8	4.9	78	6.3	5.0	4.5	93	0.99	0.075
STD DS7	Standard	20.0	118.4	72.2	400	0.9	54.5	9.6	675	2.47	50.9	5.2	72.2	4.5	75	6.1	6.3	5.0	85	0.88	0.074
STD DS7 Expected		20.9	109	70.6	411	0.9	56	9.7	627	2.39	48.2	4.9	70	4.4	69	6.4	5.9	4.5	86	0.93	0.08
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

QUALITY CONTROL REPORT

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		1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Ti ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5
Reference Materials																	
STD DS7	Standard	12	161	0.94	343	0.110	35	0.89	0.062	0.37	4.3	0.18	2.4	4.2	0.11	4	5.1
STD DS7	Standard	12	156	1.00	359	0.113	40	0.95	0.088	0.42	4.1	0.19	2.3	4.2	0.20	5	3.8
STD DS7	Standard	14	172	1.05	385	0.123	39	1.02	0.089	0.45	3.9	0.20	3.3	4.4	0.18	5	4.3
STD DS7	Standard	10	155	1.11	370	0.122	39	1.06	0.069	0.51	3.9	0.19	2.2	4.4	0.19	5	3.8
STD DS7	Standard	14	178	1.14	379	0.137	42	1.10	0.089	0.46	3.7	0.19	2.8	4.2	0.19	5	3.7
STD DS7	Standard	13	157	1.11	438	0.139	40	1.06	0.081	0.53	3.8	0.20	2.5	4.1	0.16	5	4.0
STD DS7 Expected		13	163	1.05	370	0.124	39	0.959	0.073	0.44	3.8	0.2	2.5	4.2	0.21	5	3.5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5

Client: **Amarc Resources**
 1020 - 800 W. Pender St.
 Vancouver BC V6C 2V6 Canada

Submitted By: Eric Titley
 Receiving Lab: Canada-Smithers
 Received: September 22, 2008
 Report Date: October 16, 2008
 Page: 1 of 14

CERTIFICATE OF ANALYSIS

SMI08000958.1

CLIENT JOB INFORMATION

Project: Huge East
 Shipment ID: Huge08-11
 P.O. Number
 Number of Samples: 371

SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days
 DISP-RJT-SOIL Immediate Disposal of Soil Reject

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To: Amarc Resources
 1020 - 800 W. Pender St.
 Vancouver BC V6C 2V6
 Canada

CC:

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status
SS80	371	Dry at 60C sieve 100g to -80 mesh		
Dry at 60C	371	Dry at 60C		
1DX15	368	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed

ADDITIONAL COMMENTS



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.
 All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only.
 "*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

CERTIFICATE OF ANALYSIS

SMI08000958.1

	Method	Analyte	Unit	MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15			
					Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
					ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
					0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	0.1	2	0.01
10876	Soil																							
10877	Soil																							
10878	Soil																							
10879	Soil																							
10880	Soil																							
10881	Soil																							
10882	Soil																							
10883	Soil																							
10884	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.			
10885	Soil	1.1	24.6	5.6	35	0.3	30.1	7.4	186	3.78	14.5	0.2	1.7	0.5	51	0.2	0.7	<0.1	144	0.26	0.066			
11082	Soil	0.6	15.5	4.7	61	0.2	8.4	13.2	312	3.84	4.2	0.3	0.9	0.4	67	0.2	0.3	<0.1	142	0.41	0.081			
11083	Soil	0.7	45.1	3.1	73	0.8	11.8	18.3	751	4.59	5.1	0.3	1.2	0.5	65	0.3	0.4	<0.1	156	0.40	0.181			
11084	Soil	0.6	47.9	3.3	82	0.3	13.5	19.9	555	4.56	6.4	0.4	1.1	0.7	65	0.5	0.5	<0.1	150	0.61	0.254			
11085	Soil	0.6	15.9	4.7	25	0.4	8.7	5.8	145	2.21	4.6	0.2	4.1	0.3	76	0.2	0.4	0.1	100	0.43	0.052			
11086	Soil	1.1	48.4	3.3	77	0.2	20.2	17.1	382	5.26	10.3	0.4	2.2	0.6	65	0.3	0.5	0.2	192	0.41	0.120			
11087	Soil	0.6	90.4	3.4	72	0.2	20.0	20.1	430	4.90	5.8	0.3	3.1	0.7	77	0.1	0.4	<0.1	181	0.61	0.212			
11088	Soil	0.9	48.1	2.9	74	0.2	20.9	22.4	554	5.04	7.8	0.3	9.1	0.7	77	0.2	0.4	<0.1	178	0.51	0.207			
11089	Soil	0.8	24.9	3.9	51	0.4	11.1	10.6	252	4.18	7.0	0.2	1.3	0.5	55	0.2	0.5	<0.1	143	0.29	0.153			
11090	Soil	0.6	74.1	2.0	96	0.2	22.3	26.2	668	6.79	6.5	0.4	1.5	0.8	66	0.2	0.2	<0.1	232	0.55	0.433			
11091	Soil	0.9	86.5	2.4	102	0.2	33.4	23.3	545	5.43	9.7	0.4	1.4	1.0	63	0.2	0.4	<0.1	169	0.52	0.245			
11092	Soil	1.0	41.7	5.0	60	0.2	26.8	14.2	317	4.31	15.3	0.3	2.2	0.7	68	0.1	0.7	0.1	149	0.46	0.084			
11093	Soil	0.7	19.7	4.8	21	0.1	10.6	3.7	88	2.09	7.1	0.2	2.0	0.5	66	0.1	0.6	<0.1	87	0.36	0.060			
11094	Soil	1.0	71.5	3.1	90	0.2	27.4	20.9	434	5.32	14.8	0.5	2.0	0.9	52	0.3	0.4	<0.1	182	0.51	0.246			
11095	Soil	0.9	33.5	4.2	77	0.1	18.3	14.4	453	3.85	13.1	0.3	1.6	0.6	50	0.2	0.5	<0.1	143	0.35	0.115			
11096	Soil	0.7	123.8	3.5	80	0.3	35.9	18.5	1121	3.75	15.2	1.2	2.1	0.9	59	0.4	0.5	<0.1	108	0.79	0.137			
11097	Soil	0.5	17.4	4.8	43	0.3	7.4	9.7	273	3.25	4.1	0.2	1.8	0.6	76	0.2	0.4	0.1	129	0.41	0.146			
11105	Soil	1.4	42.0	4.4	108	0.1	39.9	18.0	531	6.23	31.1	0.4	1.6	1.1	49	0.2	1.6	0.1	152	0.36	0.249			
11106	Soil	1.4	42.1	3.8	65	0.1	43.6	15.3	353	5.15	33.2	0.3	0.9	1.0	28	0.1	2.1	0.1	128	0.18	0.152			
11107	Soil	1.4	33.6	4.4	91	0.1	47.4	16.4	415	5.63	37.8	0.3	1.2	1.0	42	0.2	2.4	0.2	148	0.22	0.138			
11108	Soil	1.8	34.9	6.3	70	<0.1	40.8	14.8	444	6.30	32.6	0.4	8.6	0.9	37	0.3	2.5	0.2	175	0.30	0.204			

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
10876	Soil	94	72	0.67	243	0.024	7	1.82	0.011	0.06	0.2	0.20	13.0	0.1	0.17	4	2.9
10877	Soil	3	48	0.46	56	0.118	1	1.01	0.012	0.04	0.4	0.02	2.7	<0.1	<0.05	6	<0.5
10878	Soil	9	64	1.13	139	0.075	3	1.71	0.013	0.09	0.3	0.04	7.6	<0.1	<0.05	6	0.5
10879	Soil	6	51	0.75	137	0.096	2	1.39	0.013	0.06	0.3	0.03	4.4	<0.1	<0.05	7	0.6
10880	Soil	7	53	0.95	104	0.081	1	1.64	0.013	0.07	0.2	0.03	4.8	<0.1	<0.05	7	<0.5
10881	Soil	9	60	1.14	136	0.064	3	1.72	0.013	0.12	0.2	0.05	6.0	<0.1	<0.05	6	0.7
10882	Soil	8	48	1.25	147	0.078	5	1.75	0.014	0.30	0.3	0.05	5.5	<0.1	0.05	6	2.1
10883	Soil	4	43	0.77	67	0.179	1	1.43	0.013	0.09	0.3	0.02	3.1	<0.1	<0.05	8	<0.5
10884	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
10885	Soil	4	41	0.26	51	0.135	1	0.91	0.010	0.04	0.3	0.02	2.3	<0.1	<0.05	7	<0.5
11082	Soil	3	17	0.69	45	0.211	<1	1.33	0.013	0.08	0.2	0.01	2.6	<0.1	<0.05	11	<0.5
11083	Soil	3	26	0.98	62	0.169	2	1.81	0.017	0.13	0.6	0.03	3.1	<0.1	<0.05	9	<0.5
11084	Soil	5	32	1.08	55	0.137	2	1.82	0.013	0.21	0.4	0.02	3.1	<0.1	<0.05	9	<0.5
11085	Soil	3	22	0.30	60	0.189	<1	0.77	0.019	0.06	0.3	0.02	2.1	<0.1	<0.05	8	<0.5
11086	Soil	3	58	0.92	65	0.173	2	2.04	0.013	0.15	0.4	0.03	4.1	<0.1	<0.05	9	<0.5
11087	Soil	5	36	1.19	52	0.144	1	2.00	0.014	0.13	0.3	0.03	5.5	<0.1	<0.05	10	<0.5
11088	Soil	4	44	1.19	67	0.170	2	1.85	0.019	0.13	0.4	0.02	3.3	<0.1	<0.05	10	<0.5
11089	Soil	3	32	0.56	41	0.140	1	1.44	0.010	0.06	0.3	0.04	2.6	<0.1	<0.05	9	<0.5
11090	Soil	5	59	1.52	48	0.145	2	2.57	0.011	0.12	0.4	0.05	3.8	<0.1	<0.05	8	<0.5
11091	Soil	5	58	1.33	73	0.144	1	2.32	0.012	0.09	0.3	0.03	3.4	<0.1	<0.05	7	<0.5
11092	Soil	4	46	0.73	79	0.153	2	1.50	0.013	0.15	0.3	0.02	3.3	<0.1	<0.05	8	<0.5
11093	Soil	4	27	0.14	54	0.119	1	0.73	0.008	0.04	0.3	0.02	2.1	<0.1	<0.05	6	<0.5
11094	Soil	5	50	1.22	87	0.131	2	2.10	0.010	0.08	0.3	0.02	3.6	<0.1	<0.05	8	<0.5
11095	Soil	4	33	0.89	185	0.145	2	1.50	0.015	0.06	0.2	0.02	3.2	<0.1	<0.05	9	<0.5
11096	Soil	12	43	1.11	108	0.078	2	1.96	0.012	0.06	0.2	0.04	6.0	<0.1	<0.05	6	<0.5
11097	Soil	4	26	0.63	38	0.172	1	1.54	0.015	0.08	0.3	0.03	2.5	<0.1	<0.05	10	<0.5
11105	Soil	4	79	0.92	131	0.077	2	2.26	0.010	0.05	0.5	0.03	4.6	<0.1	<0.05	9	<0.5
11106	Soil	3	84	0.73	54	0.066	2	1.94	0.008	0.03	0.6	0.03	4.4	<0.1	<0.05	7	<0.5
11107	Soil	3	93	0.69	97	0.063	2	2.22	0.010	0.05	0.7	0.03	5.3	<0.1	<0.05	9	<0.5
11108	Soil	3	94	0.74	62	0.094	2	1.78	0.008	0.07	0.5	0.03	4.7	<0.1	<0.05	10	<0.5

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
11109	Soil	0.6	66.0	2.2	72	0.3	17.1	18.5	419	4.79	10.0	0.4	2.2	0.9	109	0.2	0.5	<0.1	188	0.75	0.241
11110	Soil	1.2	57.1	4.0	92	<0.1	38.4	17.4	557	5.40	17.3	0.3	3.0	0.6	73	0.2	1.2	0.1	194	0.56	0.065
11111	Soil	1.1	97.0	3.8	98	0.2	44.6	30.4	947	5.16	12.2	0.8	0.9	0.8	88	0.2	0.7	0.1	162	0.75	0.062
11112	Soil	0.8	83.9	2.4	118	0.2	51.5	28.2	897	4.71	12.5	1.0	1.4	0.8	95	0.3	0.6	<0.1	140	1.44	0.129
11113	Soil	1.2	74.0	3.8	77	<0.1	81.4	28.4	590	5.23	22.1	0.9	4.4	1.3	46	0.3	1.2	0.1	142	0.36	0.047
11114	Soil	1.7	41.4	5.1	68	0.3	37.3	12.1	367	4.57	20.6	0.5	1.0	0.6	41	0.2	1.2	0.1	168	0.23	0.043
11115	Soil	0.8	48.3	3.2	65	0.5	49.2	15.8	379	5.02	13.9	0.4	0.6	0.5	62	0.2	1.0	<0.1	160	0.37	0.127
11116	Soil	0.9	40.5	4.0	51	0.3	34.1	11.8	321	4.08	16.9	0.3	3.2	0.3	56	0.2	1.0	<0.1	130	0.33	0.113
11117	Soil	0.8	33.0	4.7	66	0.3	16.3	11.2	500	3.52	8.9	0.3	1.0	0.5	70	0.3	0.9	<0.1	126	0.53	0.073
11118	Soil	0.9	33.9	4.9	54	0.1	16.1	9.7	244	3.88	10.5	0.4	1.3	0.4	71	0.2	1.2	0.1	139	0.72	0.058
11119	Soil	0.6	37.5	3.1	47	<0.1	27.0	11.5	359	3.62	13.0	0.4	0.9	1.1	28	<0.1	1.0	<0.1	106	0.29	0.043
11120	Soil	1.0	57.2	4.4	55	0.3	19.0	10.6	264	3.80	13.7	0.4	1.9	0.4	53	0.2	1.5	0.1	135	0.50	0.067
11121	Soil	1.3	41.0	4.4	56	0.2	16.7	8.2	229	3.78	19.3	0.3	1.1	0.3	30	0.2	2.3	0.1	127	0.23	0.065
11122	Soil	1.3	82.6	4.1	81	0.3	15.9	15.5	484	4.71	18.4	0.4	4.7	0.6	59	0.2	2.5	<0.1	150	0.42	0.083
11123	Soil	0.9	41.8	3.4	53	0.6	8.2	11.6	319	4.05	6.4	0.3	4.2	0.5	102	0.1	0.6	<0.1	159	0.50	0.095
11124	Soil	0.7	16.7	5.5	39	0.3	4.9	7.2	215	3.06	5.3	0.2	1.1	0.6	115	0.1	0.6	<0.1	134	0.51	0.106
11125	Soil	1.1	35.6	3.9	84	0.4	11.5	14.0	418	3.26	4.3	0.5	1.3	0.6	113	0.1	0.6	<0.1	127	0.71	0.037
11126	Soil	0.5	19.3	4.4	18	0.5	3.3	3.7	113	2.09	3.6	0.2	1.3	0.1	114	<0.1	0.5	<0.1	91	0.51	0.060
11127	Soil	0.9	48.5	3.4	44	0.2	7.5	10.3	255	3.72	6.9	0.3	1.4	0.1	94	<0.1	0.7	<0.1	149	0.49	0.091
11128	Soil	0.9	51.4	3.8	61	0.7	9.1	11.4	276	4.45	10.1	0.3	1.9	0.6	55	<0.1	1.1	0.1	146	0.28	0.139
11129	Soil	1.9	47.9	4.8	43	0.4	7.6	11.1	276	4.20	7.3	0.3	1.0	0.4	109	0.1	0.8	<0.1	178	0.66	0.101
11130	Soil	1.0	31.5	5.3	75	0.5	18.0	14.1	328	5.30	11.0	0.3	4.2	0.7	68	<0.1	0.9	<0.1	187	0.37	0.214
11131	Soil	1.3	80.0	3.8	72	0.3	13.0	16.6	413	6.13	9.6	0.4	1.0	1.0	54	<0.1	1.5	<0.1	221	0.36	0.260
11132	Soil	1.3	115.1	3.6	103	0.3	16.9	19.5	578	6.02	22.5	0.5	2.9	1.4	27	0.1	3.9	<0.1	148	0.22	0.176
11133	Soil	0.9	42.5	4.0	50	0.5	9.8	8.1	165	4.53	23.6	0.2	1.1	0.8	11	0.1	3.7	<0.1	120	0.06	0.093
11134	Soil	0.5	11.3	4.4	35	0.4	6.2	3.9	204	2.40	4.6	0.3	<0.5	1.3	11	<0.1	1.4	0.1	77	0.07	0.046
11135	Soil	1.0	42.5	5.2	94	2.4	23.8	12.9	323	5.98	37.6	0.4	3.3	1.1	18	0.3	4.0	0.2	139	0.17	0.172
11136	Soil	1.2	18.3	5.9	21	0.2	15.6	4.4	85	1.94	12.8	0.3	0.6	0.8	21	0.2	1.1	0.1	91	0.23	0.021
11137	Soil	1.9	28.2	5.3	71	<0.1	34.7	12.5	290	5.24	30.5	0.3	0.9	0.7	34	0.2	3.2	0.1	154	0.29	0.045
11138	Soil	1.5	25.0	6.9	44	<0.1	35.1	7.4	154	3.44	40.1	0.3	2.4	0.5	28	0.2	2.8	0.1	149	0.21	0.043

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
11109	Soil	5	31	1.23	83	0.157	2	2.04	0.022	0.08	0.3	0.03	3.6	<0.1	<0.05	8	<0.5
11110	Soil	3	60	0.85	202	0.142	2	1.47	0.011	0.06	0.4	0.01	4.3	<0.1	<0.05	9	<0.5
11111	Soil	7	56	1.12	110	0.150	3	1.97	0.014	0.08	0.3	0.02	5.0	<0.1	<0.05	8	<0.5
11112	Soil	6	65	1.42	154	0.075	4	1.96	0.013	0.09	0.3	0.03	6.0	<0.1	<0.05	6	<0.5
11113	Soil	6	86	1.08	120	0.088	3	2.07	0.015	0.07	0.4	0.03	7.4	<0.1	<0.05	7	<0.5
11114	Soil	4	69	0.49	77	0.116	2	1.40	0.011	0.05	0.4	0.02	3.8	<0.1	<0.05	9	<0.5
11115	Soil	3	75	0.89	63	0.101	3	1.60	0.014	0.07	0.4	0.02	4.3	<0.1	<0.05	8	<0.5
11116	Soil	4	54	0.60	57	0.076	2	1.26	0.011	0.05	0.4	0.02	3.6	<0.1	<0.05	7	<0.5
11117	Soil	5	40	0.49	128	0.095	3	1.17	0.009	0.06	0.5	<0.01	3.3	<0.1	<0.05	8	<0.5
11118	Soil	5	38	0.49	92	0.066	2	1.30	0.009	0.05	0.5	0.02	3.3	<0.1	<0.05	8	<0.5
11119	Soil	4	44	0.84	66	0.119	2	1.69	0.009	0.06	0.3	0.03	3.7	<0.1	<0.05	6	<0.5
11120	Soil	5	34	0.56	123	0.069	3	1.25	0.009	0.09	0.5	0.02	3.7	<0.1	<0.05	7	<0.5
11121	Soil	5	38	0.25	83	0.045	2	0.99	0.006	0.07	0.4	<0.01	3.3	<0.1	<0.05	7	<0.5
11122	Soil	5	32	0.82	112	0.081	3	1.65	0.011	0.09	0.5	0.01	4.9	<0.1	<0.05	8	<0.5
11123	Soil	3	19	0.66	81	0.185	2	1.34	0.016	0.08	0.5	0.03	3.4	<0.1	<0.05	9	<0.5
11124	Soil	4	14	0.45	45	0.204	1	1.21	0.011	0.06	0.3	0.02	2.6	<0.1	<0.05	11	<0.5
11125	Soil	6	26	0.96	47	0.190	2	1.78	0.013	0.06	0.3	0.02	3.8	<0.1	<0.05	8	<0.5
11126	Soil	3	11	0.17	35	0.141	2	0.87	0.012	0.05	0.2	0.02	2.1	<0.1	<0.05	8	<0.5
11127	Soil	4	17	0.58	43	0.115	2	1.37	0.012	0.07	0.3	0.02	2.7	<0.1	<0.05	9	<0.5
11128	Soil	5	24	0.64	36	0.095	2	1.58	0.009	0.06	0.4	0.02	3.6	<0.1	<0.05	8	<0.5
11129	Soil	5	18	0.46	76	0.150	2	1.27	0.011	0.08	0.4	0.03	3.8	<0.1	<0.05	9	<0.5
11130	Soil	4	32	0.81	47	0.134	2	2.03	0.013	0.06	0.3	0.04	4.0	<0.1	<0.05	11	<0.5
11131	Soil	7	34	0.99	58	0.087	2	2.50	0.010	0.08	0.2	0.04	5.6	<0.1	<0.05	11	<0.5
11132	Soil	8	35	0.73	83	0.036	2	2.16	0.008	0.14	0.4	0.03	6.0	<0.1	<0.05	7	<0.5
11133	Soil	6	30	0.22	47	0.023	2	1.19	0.006	0.05	0.6	0.02	3.5	<0.1	<0.05	6	<0.5
11134	Soil	7	24	0.13	44	0.030	2	0.78	0.008	0.06	0.4	<0.01	2.0	0.1	<0.05	6	<0.5
11135	Soil	5	74	0.45	57	0.049	3	1.85	0.012	0.05	0.9	0.05	5.8	<0.1	<0.05	8	<0.5
11136	Soil	10	22	0.09	214	0.064	<1	0.82	0.006	0.03	<0.1	<0.01	2.1	<0.1	<0.05	7	<0.5
11137	Soil	3	104	0.49	135	0.077	2	1.39	0.010	0.04	0.5	<0.01	4.5	<0.1	<0.05	8	<0.5
11138	Soil	4	69	0.14	63	0.086	1	0.95	0.006	0.03	0.5	<0.01	3.5	<0.1	<0.05	9	<0.5

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	Method Analyte Unit MDL	1DX15 Mo ppm 0.1	1DX15 Cu ppm 0.1	1DX15 Pb ppm 0.1	1DX15 Zn ppm 1	1DX15 Ag ppm 0.1	1DX15 Ni ppm 0.1	1DX15 Co ppm 0.1	1DX15 Mn ppm 1	1DX15 Fe % 0.01	1DX15 As ppm 0.5	1DX15 U ppm 0.1	1DX15 Au ppb 0.5	1DX15 Th ppm 0.1	1DX15 Sr ppm 1	1DX15 Cd ppm 0.1	1DX15 Sb ppm 0.1	1DX15 Bi ppm 0.1	1DX15 V ppm 2	1DX15 Ca % 0.01	1DX15 P % 0.001
11139	Soil	2.3	35.0	6.2	45	0.1	58.0	10.4	212	4.26	57.0	0.4	1.5	0.7	30	0.2	3.4	0.1	182	0.29	0.037
11140	Soil	1.3	25.0	4.4	95	0.1	30.5	15.5	683	3.87	25.9	0.6	<0.5	1.3	31	0.3	1.2	0.1	109	0.44	0.035
11141	Soil	1.6	27.8	5.9	34	0.1	20.1	6.7	174	3.51	25.8	0.3	<0.5	0.6	21	0.1	2.0	0.2	149	0.18	0.031
11142	Soil	1.6	53.8	5.1	84	0.2	45.1	15.5	431	5.97	48.2	0.4	1.6	0.8	30	0.3	2.3	0.1	154	0.32	0.063
11143	Soil	1.8	39.7	4.8	67	0.3	27.6	12.9	242	4.12	15.0	0.5	2.3	0.6	31	0.2	2.3	0.1	127	0.19	0.035
11144	Soil	2.2	27.6	5.7	68	0.2	28.4	12.7	392	4.93	24.9	0.4	2.0	0.5	32	0.2	2.6	0.1	155	0.21	0.043
11145	Soil	2.9	45.1	4.8	64	<0.1	29.1	10.6	241	4.47	41.0	0.5	2.8	0.3	25	0.2	2.9	0.1	137	0.20	0.048
11146	Soil	2.2	61.2	3.2	52	0.1	35.7	11.8	246	4.57	26.2	0.4	13.1	0.6	17	<0.1	2.9	<0.1	138	0.15	0.043
11147	Soil	2.5	76.5	9.4	159	0.4	39.2	27.8	6037	4.61	18.0	1.6	1.1	0.3	37	1.0	2.7	0.1	115	0.43	0.118
11148	Soil	3.3	57.0	5.8	52	0.2	27.9	8.9	154	4.20	13.5	0.5	1.0	0.3	20	0.2	3.7	0.1	151	0.18	0.042
11149	Soil	2.4	91.7	3.9	90	0.1	49.2	32.1	1162	5.39	17.0	1.3	1.3	1.1	35	0.2	2.5	0.1	145	0.37	0.051
11150	Soil	3.0	49.8	5.0	76	0.2	26.7	12.3	563	4.66	13.4	0.6	1.1	0.6	27	0.2	2.8	0.1	154	0.34	0.050
13938	Soil	1.7	26.7	6.0	59	<0.1	16.1	12.8	164	3.70	10.1	0.3	1.9	0.8	24	0.1	1.7	0.2	136	0.17	0.042
13939	Soil	1.2	117.7	3.6	90	0.1	19.4	21.9	343	6.09	15.9	0.5	2.7	0.6	15	0.1	1.8	0.1	199	0.10	0.182
13940	Soil	0.8	56.0	4.5	102	0.2	28.1	19.0	543	5.73	32.0	0.4	1.6	1.1	40	0.3	1.0	<0.1	173	0.36	0.240
13941	Soil	0.8	43.2	4.1	99	0.3	35.5	20.7	392	4.35	24.8	0.5	1.2	0.9	41	0.1	0.9	0.1	131	0.34	0.063
13942	Soil	0.7	72.8	3.9	87	0.1	25.4	19.0	473	5.52	26.7	0.4	1.6	0.9	48	0.2	1.2	<0.1	178	0.39	0.249
13943	Soil	0.8	36.9	3.6	56	0.1	16.4	13.8	291	4.89	27.7	0.2	1.3	0.5	39	<0.1	1.4	<0.1	184	0.27	0.122
13944	Soil	0.8	68.5	3.1	85	0.1	23.1	22.5	389	6.41	25.4	0.3	2.5	0.6	43	0.1	3.5	<0.1	231	0.29	0.149
13945	Soil	1.0	52.6	3.6	122	0.5	26.6	21.6	447	6.16	40.7	0.3	1.3	0.8	48	0.3	1.0	<0.1	178	0.31	0.119
13946	Soil	1.4	266.5	4.6	99	0.7	66.9	23.1	954	4.95	24.0	2.7	3.2	0.4	87	0.4	1.1	<0.1	142	1.26	0.077
13947	Soil	1.3	198.5	2.8	94	0.3	39.7	27.5	1208	5.17	12.6	2.3	7.2	0.4	100	0.2	0.7	<0.1	162	1.42	0.185
13948	Soil	0.8	115.3	2.4	81	0.1	15.9	26.4	582	6.21	18.0	0.5	1.3	0.9	73	0.1	0.6	<0.1	253	0.68	0.201
13949	Soil	0.8	75.0	3.1	96	0.2	32.5	24.4	588	6.57	18.1	0.4	2.1	0.8	64	<0.1	1.1	<0.1	249	0.45	0.230
13950	Soil	0.7	176.5	3.0	131	0.4	28.4	36.6	797	6.90	31.8	0.7	3.6	1.7	64	0.2	0.9	<0.1	230	0.72	0.281
13951	Soil	0.8	57.1	4.0	88	0.2	19.1	19.2	524	5.80	23.4	0.4	2.0	1.4	51	0.2	0.9	<0.1	170	0.42	0.234
13952	Soil	0.6	49.4	3.5	63	0.2	12.7	19.4	269	5.36	8.8	0.3	2.4	0.5	40	0.1	1.7	<0.1	154	0.21	0.087
13953	Soil	0.8	50.3	4.3	86	0.3	18.4	16.8	817	5.10	29.5	0.3	1.9	0.9	66	0.1	1.1	<0.1	167	0.46	0.234
13954	Soil	0.4	69.5	3.0	90	0.1	11.9	29.0	717	6.38	6.2	0.6	1.4	1.1	56	<0.1	0.3	<0.1	281	0.78	0.229
13955	Soil	1.6	70.2	5.6	66	0.1	24.0	14.7	339	5.45	58.0	0.3	2.7	0.3	38	0.1	2.9	<0.1	169	0.19	0.094

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
11139	Soil	4	81	0.20	147	0.074	1	1.03	0.005	0.03	0.6	<0.01	4.8	<0.1	<0.05	9	<0.5
11140	Soil	6	61	0.65	177	0.073	2	1.68	0.010	0.04	0.3	0.02	4.1	<0.1	<0.05	7	<0.5
11141	Soil	4	49	0.22	98	0.102	1	0.96	0.006	0.03	0.3	0.01	3.0	<0.1	<0.05	8	<0.5
11142	Soil	4	87	0.79	119	0.142	2	1.64	0.011	0.06	0.3	0.02	5.0	<0.1	<0.05	8	<0.5
11143	Soil	5	73	0.31	128	0.032	3	1.09	0.006	0.06	0.8	0.03	4.6	<0.1	<0.05	6	<0.5
11144	Soil	4	72	0.28	192	0.057	2	1.17	0.007	0.05	0.6	0.02	4.3	<0.1	<0.05	8	<0.5
11145	Soil	6	66	0.18	129	0.017	3	1.17	0.005	0.07	1.1	0.03	3.9	<0.1	<0.05	7	<0.5
11146	Soil	4	70	0.46	62	0.037	3	1.19	0.007	0.06	1.2	0.02	5.3	<0.1	<0.05	6	<0.5
11147	Soil	6	68	0.20	640	0.013	2	1.28	0.009	0.08	1.2	0.06	5.2	0.2	<0.05	6	0.6
11148	Soil	6	60	0.09	147	0.012	3	0.83	0.007	0.06	1.1	0.03	3.7	<0.1	<0.05	6	<0.5
11149	Soil	8	86	0.88	229	0.025	3	1.74	0.011	0.09	1.0	0.03	10.1	<0.1	<0.05	6	0.6
11150	Soil	6	57	0.17	276	0.017	2	0.87	0.007	0.10	1.3	0.03	4.4	<0.1	<0.05	6	<0.5
13938	Soil	6	51	0.23	62	0.103	<1	0.84	0.013	0.10	0.2	0.01	3.0	<0.1	<0.05	8	<0.5
13939	Soil	3	48	0.33	69	0.042	2	1.31	0.007	0.12	0.4	0.01	5.8	<0.1	<0.05	8	0.8
13940	Soil	5	53	1.06	56	0.112	2	2.24	0.015	0.06	0.5	0.03	4.6	<0.1	<0.05	10	<0.5
13941	Soil	4	57	0.89	87	0.111	2	2.05	0.014	0.08	0.3	0.02	3.7	<0.1	<0.05	8	<0.5
13942	Soil	4	49	0.98	70	0.108	1	2.25	0.014	0.09	0.4	0.02	5.7	<0.1	<0.05	10	<0.5
13943	Soil	4	38	0.66	50	0.100	1	1.50	0.012	0.10	0.4	0.02	4.2	<0.1	<0.05	10	<0.5
13944	Soil	4	74	0.98	69	0.115	2	1.96	0.010	0.12	1.0	0.02	8.4	<0.1	<0.05	10	<0.5
13945	Soil	4	47	1.13	88	0.146	2	2.46	0.012	0.09	0.3	0.06	5.0	<0.1	<0.05	9	<0.5
13946	Soil	7	91	0.82	186	0.050	3	1.75	0.012	0.13	0.3	0.12	10.2	<0.1	0.07	6	1.4
13947	Soil	9	59	1.25	116	0.070	4	1.88	0.016	0.23	0.2	0.06	7.1	<0.1	0.07	7	0.7
13948	Soil	6	29	1.58	55	0.209	2	2.35	0.016	0.21	0.3	0.04	4.6	<0.1	<0.05	10	<0.5
13949	Soil	4	33	1.12	54	0.156	2	2.35	0.018	0.08	0.4	0.03	4.3	<0.1	<0.05	10	<0.5
13950	Soil	9	38	2.01	95	0.160	1	3.64	0.014	0.31	0.3	0.03	6.9	<0.1	<0.05	9	<0.5
13951	Soil	6	40	1.02	72	0.120	2	2.46	0.012	0.07	0.4	0.04	5.2	<0.1	<0.05	9	<0.5
13952	Soil	7	28	0.34	97	0.058	2	1.39	0.008	0.21	0.2	0.02	4.7	<0.1	<0.05	7	<0.5
13953	Soil	5	36	0.84	81	0.128	2	1.85	0.018	0.09	0.3	0.03	4.8	<0.1	<0.05	10	0.6
13954	Soil	8	24	1.71	88	0.181	1	2.64	0.026	0.43	0.1	0.02	3.3	<0.1	<0.05	13	<0.5
13955	Soil	3	58	0.49	79	0.043	2	1.37	0.008	0.08	0.6	0.03	5.7	0.1	<0.05	8	<0.5

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
13956	Soil	0.6	139.1	2.2	74	<0.1	14.5	24.6	581	5.60	16.9	0.5	25.0	1.2	123	0.2	0.7	<0.1	219	0.83	0.259
13957	Soil	0.9	88.0	3.3	100	0.2	22.6	25.4	525	6.47	30.0	0.5	1.6	0.9	67	0.2	1.1	<0.1	218	0.52	0.163
13958	Soil	0.5	161.1	1.8	107	0.2	21.3	35.3	892	6.79	13.4	0.5	3.5	1.6	81	0.1	0.8	<0.1	251	0.84	0.325
13959	Soil	1.3	58.2	4.5	73	<0.1	25.6	12.5	269	4.47	57.0	0.4	4.1	0.6	27	0.2	2.2	<0.1	134	0.20	0.096
13960	Soil	1.3	38.9	4.5	43	0.2	18.4	7.0	119	3.55	34.5	0.3	1.4	0.5	19	0.1	1.7	<0.1	119	0.11	0.053
13961	Soil	1.1	81.7	3.4	88	0.1	42.4	16.0	343	5.34	67.3	0.5	2.7	1.3	23	0.4	1.8	<0.1	122	0.30	0.196
13962	Soil	1.4	38.6	4.0	83	0.2	30.4	10.5	246	3.74	58.0	0.3	1.2	0.5	18	0.2	1.6	0.1	110	0.17	0.102
13963	Soil	1.6	34.7	5.2	92	0.1	33.5	9.8	197	4.37	77.9	0.4	2.6	0.9	24	0.4	1.4	0.1	118	0.25	0.049
13964	Soil	1.2	90.3	2.9	100	<0.1	40.0	18.5	538	4.65	39.5	0.6	5.3	1.3	19	0.2	1.6	<0.1	102	0.19	0.064
13965	Soil	2.2	55.5	5.3	93	0.2	49.6	15.4	468	4.99	163.1	0.5	5.0	0.6	20	0.3	2.6	0.1	124	0.20	0.108
13966	Soil	2.4	40.2	7.9	83	0.2	32.1	14.0	271	5.09	137.7	0.6	5.4	0.2	14	0.3	2.7	0.2	137	0.11	0.064
13967	Soil	2.4	38.9	7.3	114	0.1	61.3	15.7	261	5.38	185.0	0.3	2.8	0.7	25	0.2	3.2	0.1	136	0.24	0.041
13968	Soil	1.5	43.1	6.7	142	0.6	54.0	15.6	645	4.38	110.2	3.0	2.5	0.5	87	0.7	1.4	0.1	92	1.45	0.046
13969	Soil	1.9	96.5	6.0	110	1.0	157.1	26.7	4087	4.93	114.4	4.1	6.4	0.5	113	1.5	1.6	0.1	98	1.59	0.068
13970	Soil	1.7	43.1	4.5	70	<0.1	56.0	12.1	202	4.48	162.7	0.2	5.1	0.5	21	0.2	1.8	0.1	129	0.23	0.034
13971	Soil	0.8	32.8	3.2	123	0.7	115.9	29.1	814	5.25	19.7	0.3	1.9	0.4	23	0.4	5.6	0.1	121	0.25	0.058
13972	Soil	0.9	37.7	4.5	93	0.3	59.3	24.3	461	6.51	17.4	0.2	1.3	0.4	26	0.3	9.4	0.1	150	0.20	0.191
13973	Soil	0.6	34.4	2.6	43	0.2	9.5	13.6	275	3.74	2.6	0.2	<0.5	0.3	71	<0.1	0.4	<0.1	135	0.38	0.064
13974	Soil	1.0	56.8	2.4	93	0.1	29.1	15.0	505	6.08	8.5	0.4	0.5	0.9	42	<0.1	0.3	<0.1	206	0.33	0.165
13975	Soil	3.3	69.6	6.7	63	0.3	15.5	52.1	595	7.41	11.0	0.3	4.2	0.7	21	<0.1	0.7	0.8	164	0.17	0.405
13976	Soil	0.6	118.4	2.6	98	0.2	33.9	27.1	944	6.37	9.0	0.3	2.2	0.5	60	<0.1	1.6	<0.1	162	0.41	0.197
13977	Soil	1.1	132.2	3.0	112	0.3	31.5	29.1	580	7.49	14.3	0.4	2.3	0.8	56	0.1	2.0	<0.1	230	0.58	0.294
13978	Soil	0.8	85.9	2.3	98	<0.1	19.8	25.4	535	6.30	12.6	0.4	1.5	0.7	67	0.1	1.0	<0.1	223	0.76	0.331
13979	Soil	0.7	75.5	2.4	90	0.1	21.2	23.4	514	5.92	11.6	0.4	0.9	1.6	86	<0.1	0.9	<0.1	206	0.67	0.376
13980	Soil	1.0	113.2	2.9	139	0.4	24.5	30.3	860	6.68	10.8	0.5	2.7	1.1	66	0.1	1.0	<0.1	204	0.54	0.309
13981	Soil	0.7	61.2	2.4	92	0.7	18.5	21.7	653	5.91	8.9	0.5	1.5	1.8	88	0.1	0.6	<0.1	192	0.69	0.357
13982	Soil	1.1	44.8	3.2	90	0.7	16.4	19.8	625	5.86	8.2	0.3	2.7	0.7	58	0.1	1.0	<0.1	194	0.35	0.219
13983	Soil	0.6	84.7	2.5	101	0.4	20.6	25.1	627	6.19	9.5	0.4	1.9	1.2	80	0.1	0.7	<0.1	195	0.61	0.321
13984	Soil	1.1	33.0	3.8	80	0.3	17.9	18.4	444	6.37	10.1	0.4	1.3	1.0	45	0.2	1.2	0.1	241	0.26	0.224
13985	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
13956	Soil	8	23	1.48	74	0.170	2	2.36	0.019	0.15	0.3	0.02	4.1	<0.1	<0.05	9	<0.5
13957	Soil	6	31	1.27	77	0.139	2	2.42	0.014	0.12	0.3	0.03	5.7	<0.1	<0.05	10	<0.5
13958	Soil	12	40	2.27	102	0.149	2	3.06	0.013	0.36	0.3	0.02	8.2	<0.1	<0.05	10	<0.5
13959	Soil	4	42	0.35	87	0.047	2	1.18	0.009	0.10	0.5	0.01	4.6	0.1	<0.05	7	<0.5
13960	Soil	4	28	0.12	68	0.039	<1	0.71	0.012	0.10	0.3	0.01	2.7	<0.1	<0.05	6	<0.5
13961	Soil	5	58	0.78	71	0.064	3	2.09	0.011	0.08	0.3	0.02	5.9	0.1	<0.05	6	<0.5
13962	Soil	5	43	0.32	79	0.030	3	1.17	0.010	0.08	0.3	0.02	4.3	0.2	<0.05	7	<0.5
13963	Soil	4	49	0.38	74	0.052	2	1.63	0.010	0.06	0.4	0.02	4.2	0.2	<0.05	8	0.6
13964	Soil	6	45	0.39	162	0.023	5	1.18	0.011	0.09	0.3	0.01	7.5	0.1	<0.05	3	<0.5
13965	Soil	4	62	0.50	100	0.020	3	1.98	0.010	0.08	0.4	0.03	5.6	0.3	<0.05	7	<0.5
13966	Soil	6	37	0.09	76	0.013	2	0.80	0.004	0.08	0.3	0.02	3.5	0.3	<0.05	6	<0.5
13967	Soil	5	84	0.32	147	0.036	4	1.48	0.010	0.06	0.7	0.02	5.2	0.2	<0.05	7	<0.5
13968	Soil	6	88	0.43	284	0.025	3	1.74	0.011	0.06	0.2	0.07	7.2	0.2	<0.05	5	1.4
13969	Soil	10	132	0.64	452	0.023	5	1.82	0.013	0.07	0.3	0.15	16.9	0.4	0.11	5	1.8
13970	Soil	3	57	0.40	115	0.046	3	1.20	0.012	0.05	0.4	0.02	4.4	0.1	<0.05	7	<0.5
13971	Soil	3	163	1.00	121	0.043	3	1.51	0.013	0.06	1.7	0.04	5.9	<0.1	<0.05	6	<0.5
13972	Soil	3	159	0.76	92	0.038	3	1.63	0.008	0.12	0.8	0.03	11.0	0.1	<0.05	8	<0.5
13973	Soil	2	37	0.80	33	0.135	2	1.15	0.010	0.06	0.2	0.02	2.7	<0.1	<0.05	7	<0.5
13974	Soil	3	112	1.96	65	0.185	1	2.89	0.007	0.19	0.4	0.02	3.8	<0.1	<0.05	9	<0.5
13975	Soil	2	41	0.64	48	0.096	1	1.76	0.010	0.14	0.6	0.03	4.7	<0.1	<0.05	9	0.8
13976	Soil	3	91	1.47	55	0.111	2	2.16	0.008	0.07	0.4	0.02	4.5	<0.1	<0.05	8	<0.5
13977	Soil	6	74	1.62	68	0.130	2	3.03	0.010	0.21	0.5	0.03	5.2	<0.1	<0.05	10	<0.5
13978	Soil	6	44	1.52	68	0.120	2	2.35	0.011	0.09	0.3	0.02	4.4	<0.1	<0.05	9	<0.5
13979	Soil	8	55	1.54	106	0.145	2	2.27	0.019	0.11	0.4	0.02	4.3	<0.1	<0.05	10	<0.5
13980	Soil	7	57	1.53	87	0.139	3	3.06	0.012	0.21	0.4	0.04	4.8	<0.1	<0.05	10	<0.5
13981	Soil	8	47	1.31	53	0.130	1	2.54	0.016	0.11	0.4	0.03	3.8	<0.1	<0.05	10	<0.5
13982	Soil	4	53	1.00	68	0.125	2	2.24	0.010	0.09	0.4	0.03	5.1	<0.1	<0.05	11	<0.5
13983	Soil	7	48	1.55	41	0.156	2	2.52	0.013	0.11	0.4	0.02	4.0	<0.1	<0.05	10	<0.5
13984	Soil	4	52	1.12	43	0.154	2	2.28	0.010	0.07	0.5	0.02	3.7	<0.1	<0.05	12	<0.5
13985	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
13986	Soil	1.5	249.0	2.7	135	0.3	23.9	33.6	2208	5.91	5.8	1.2	2.7	1.0	115	0.3	0.4	0.1	205	1.18	0.195
13987	Soil	0.8	194.0	2.1	77	0.4	20.2	26.7	851	4.23	4.2	1.0	2.1	0.6	132	0.1	0.3	<0.1	163	1.16	0.204
13988	Soil	3.4	67.5	3.2	113	0.3	61.8	19.2	378	6.55	16.0	0.8	0.8	0.5	53	0.1	0.5	<0.1	247	0.43	0.045
13989	Soil	1.5	88.8	4.7	56	0.8	27.9	20.0	1004	3.91	6.9	7.1	0.8	0.4	105	0.5	0.7	<0.1	130	1.18	0.061
13990	Soil	1.1	94.7	3.5	101	0.2	26.0	22.1	534	5.67	10.7	0.9	1.1	0.6	60	0.2	1.1	<0.1	179	0.39	0.079
13991	Soil	1.0	102.4	3.2	100	0.4	29.5	27.4	678	5.75	11.8	0.3	2.2	0.7	60	0.1	1.6	<0.1	180	0.48	0.085
13992	Soil	0.8	89.0	2.9	111	0.2	35.9	27.9	569	7.02	15.5	0.3	1.6	0.9	64	0.2	1.4	<0.1	201	0.40	0.263
13993	Soil	0.7	40.1	3.6	61	0.2	19.1	13.7	452	4.19	8.6	0.2	1.1	0.6	63	0.2	1.2	<0.1	135	0.35	0.143
13994	Soil	0.9	49.1	3.4	104	0.2	34.7	19.3	476	5.51	19.2	0.3	10.9	0.6	49	0.2	2.2	0.1	170	0.30	0.171
13995	Soil	0.8	64.4	2.9	95	0.2	30.5	19.4	558	5.29	12.6	0.3	2.5	0.7	44	0.3	1.1	<0.1	158	0.30	0.132
13996	Soil	0.6	122.6	2.0	110	<0.1	27.6	34.4	746	7.38	10.3	0.6	4.7	1.2	88	0.2	0.5	<0.1	243	0.81	0.310
13997	Soil	1.1	81.7	3.3	85	0.2	29.4	22.6	517	6.04	19.6	0.4	1.9	1.1	66	0.2	1.3	<0.1	172	0.39	0.150
13998	Soil	0.8	30.6	4.4	58	0.2	18.1	11.6	341	4.63	16.6	0.3	2.2	0.7	55	0.2	1.2	<0.1	159	0.33	0.147
13999	Soil	1.0	114.4	3.3	67	0.2	41.6	26.5	731	4.93	16.6	0.7	2.1	1.2	68	0.2	1.2	<0.1	148	0.81	0.115
14000	Soil	1.2	53.2	3.5	93	0.2	22.4	18.5	379	4.62	14.7	0.4	4.6	0.8	66	0.1	0.7	<0.1	186	0.63	0.112
14001	Soil	1.2	31.9	5.3	116	0.2	31.6	18.7	594	6.20	25.5	0.4	1.0	1.0	39	0.2	0.8	0.1	177	0.31	0.179
14002	Soil	0.7	58.4	3.4	84	0.1	18.0	21.1	481	6.02	45.6	0.3	2.3	0.7	43	0.1	0.9	<0.1	186	0.46	0.164
14003	Soil	1.0	49.1	3.7	88	0.2	30.7	19.6	771	3.91	24.8	0.5	1.2	1.0	46	0.2	0.6	<0.1	123	0.48	0.063
14004	Soil	0.8	18.1	5.0	47	0.1	25.4	9.4	252	3.59	13.2	0.4	0.8	1.2	24	0.1	0.9	<0.1	112	0.22	0.065
14005	Soil	0.9	53.2	4.7	75	0.1	11.0	12.9	448	4.78	10.8	0.3	2.5	0.5	34	<0.1	1.1	0.4	142	0.26	0.110
14006	Soil	1.2	57.7	4.9	106	0.2	29.6	16.8	349	5.99	31.3	0.3	4.2	0.8	22	0.1	1.3	0.1	189	0.18	0.115
14007	Soil	1.1	62.5	3.5	99	0.2	23.7	21.0	437	5.84	25.4	0.4	2.1	0.9	41	0.1	1.2	<0.1	186	0.37	0.109
14008	Soil	0.8	29.9	3.5	52	0.2	12.1	11.8	315	3.60	14.4	0.3	2.9	0.8	53	0.1	0.6	<0.1	132	0.45	0.063
14009	Soil	0.7	79.8	2.1	107	0.2	15.1	31.0	690	6.85	12.2	0.5	1.5	1.0	73	0.2	0.4	<0.1	246	0.78	0.353
14010	Soil	1.0	62.2	3.1	73	0.2	17.3	18.8	494	4.60	17.6	0.4	2.5	0.6	75	0.1	0.7	<0.1	170	0.75	0.135
14011	Soil	1.2	61.6	3.3	74	0.4	20.4	14.7	315	4.94	28.8	0.4	2.4	0.5	38	<0.1	1.6	0.1	164	0.30	0.102
14012	Soil	0.9	100.5	3.3	106	0.3	31.7	24.9	1017	6.24	37.2	0.5	3.6	1.3	54	0.2	1.0	<0.1	189	0.58	0.286
14013	Soil	1.5	50.5	4.2	74	0.3	23.1	14.7	326	6.06	21.2	0.3	1.6	0.6	33	<0.1	1.2	<0.1	183	0.23	0.098
14014	Soil	0.8	52.5	3.6	93	0.3	16.7	20.5	460	5.76	21.5	0.4	1.2	1.0	54	0.1	0.7	<0.1	178	0.46	0.189
14015	Soil	1.1	75.7	3.2	126	0.6	27.4	22.8	588	6.97	38.6	0.5	1.7	1.6	36	0.1	0.9	<0.1	184	0.35	0.261

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
13986	Soil	9	46	1.79	76	0.174	3	2.43	0.023	0.27	0.3	0.03	10.4	<0.1	<0.05	9	<0.5
13987	Soil	11	38	1.57	59	0.117	4	2.03	0.023	0.25	0.2	0.03	6.8	<0.1	<0.05	8	<0.5
13988	Soil	6	236	2.43	49	0.168	2	2.84	0.012	0.09	0.2	0.02	9.9	<0.1	<0.05	11	<0.5
13989	Soil	7	67	0.87	282	0.080	4	1.49	0.012	0.07	0.2	0.05	4.9	<0.1	0.06	6	1.2
13990	Soil	4	64	1.13	139	0.109	1	2.41	0.011	0.08	0.3	0.01	4.7	<0.1	<0.05	9	<0.5
13991	Soil	6	67	1.38	78	0.114	3	2.27	0.010	0.15	0.4	0.02	5.0	<0.1	<0.05	9	<0.5
13992	Soil	5	90	1.64	85	0.107	3	2.88	0.012	0.11	0.4	0.02	5.6	<0.1	<0.05	10	<0.5
13993	Soil	4	55	0.77	56	0.100	2	1.66	0.014	0.08	0.3	0.01	3.8	<0.1	<0.05	8	<0.5
13994	Soil	4	86	0.96	75	0.082	2	1.86	0.010	0.09	0.5	0.03	4.7	<0.1	<0.05	9	<0.5
13995	Soil	4	81	1.20	63	0.094	1	2.11	0.010	0.08	0.3	0.02	4.4	<0.1	<0.05	8	<0.5
13996	Soil	7	63	1.87	73	0.189	2	2.94	0.022	0.11	0.3	0.02	4.4	<0.1	<0.05	10	<0.5
13997	Soil	4	76	1.25	52	0.124	3	2.50	0.015	0.08	0.4	0.02	5.1	<0.1	<0.05	8	<0.5
13998	Soil	4	53	0.62	75	0.132	1	1.53	0.012	0.07	0.4	0.02	3.6	<0.1	<0.05	10	<0.5
13999	Soil	8	73	1.32	111	0.112	3	2.07	0.017	0.14	0.3	0.02	7.1	<0.1	<0.05	7	<0.5
14000	Soil	5	53	1.05	103	0.168	2	1.88	0.015	0.09	0.3	0.01	3.8	<0.1	<0.05	9	<0.5
14001	Soil	5	60	0.90	91	0.183	2	2.27	0.013	0.07	0.3	0.03	4.4	<0.1	<0.05	12	<0.5
14002	Soil	5	33	1.11	86	0.139	3	2.17	0.024	0.09	0.2	0.01	4.5	<0.1	<0.05	11	<0.5
14003	Soil	6	44	1.12	118	0.095	3	2.36	0.013	0.08	0.2	0.02	4.9	<0.1	<0.05	8	<0.5
14004	Soil	4	66	0.44	63	0.152	1	1.40	0.007	0.05	0.3	0.02	3.0	<0.1	<0.05	9	<0.5
14005	Soil	6	23	0.17	130	0.073	2	1.00	0.006	0.08	0.3	0.02	3.3	<0.1	<0.05	7	<0.5
14006	Soil	4	65	0.67	102	0.118	3	2.04	0.009	0.10	0.3	0.03	6.2	<0.1	<0.05	10	0.6
14007	Soil	5	41	0.87	84	0.121	3	2.13	0.012	0.10	0.4	0.03	6.1	<0.1	<0.05	8	0.6
14008	Soil	4	28	0.70	71	0.137	2	1.58	0.011	0.05	0.4	0.02	3.5	<0.1	<0.05	8	<0.5
14009	Soil	7	23	1.76	109	0.173	1	3.00	0.016	0.15	0.3	0.02	5.3	<0.1	<0.05	11	<0.5
14010	Soil	5	31	1.04	106	0.154	2	1.82	0.015	0.14	0.4	0.05	4.5	<0.1	<0.05	9	<0.5
14011	Soil	4	43	0.69	71	0.087	2	1.78	0.011	0.10	0.5	0.03	5.2	<0.1	<0.05	8	<0.5
14012	Soil	7	48	1.36	61	0.118	3	2.51	0.014	0.09	0.4	0.02	5.7	<0.1	<0.05	8	<0.5
14013	Soil	4	40	0.57	72	0.083	2	1.86	0.008	0.08	0.7	0.03	5.5	<0.1	<0.05	10	<0.5
14014	Soil	6	31	1.14	76	0.128	2	2.51	0.013	0.09	0.3	0.04	5.3	<0.1	<0.05	11	<0.5
14015	Soil	6	49	1.21	72	0.125	3	3.29	0.015	0.09	0.4	0.07	6.1	<0.1	<0.05	9	<0.5

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		Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
			Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
			ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
			0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	0.1	2	0.01
14016	Soil	0.9	85.2	3.1	115	0.3	29.5	19.6	492	5.48	33.1	0.5	4.9	1.3	44	0.1	1.0	<0.1	165	0.44	0.189	
14017	Soil	1.0	105.6	3.3	93	0.3	24.8	24.2	499	7.08	25.5	0.3	8.6	0.9	48	<0.1	1.1	<0.1	222	0.46	0.299	
14018	Soil	1.1	82.0	3.4	70	0.3	10.0	18.6	392	6.25	9.8	0.4	0.9	0.8	77	<0.1	0.9	<0.1	245	0.48	0.111	
14019	Soil	1.3	151.7	3.1	87	0.2	32.1	26.9	529	6.39	28.6	0.4	2.5	0.8	36	<0.1	1.8	<0.1	201	0.31	0.068	
14020	Soil	1.1	75.1	3.3	98	0.3	31.8	21.9	452	5.16	21.9	0.5	1.5	0.7	41	0.2	1.2	<0.1	155	0.53	0.049	
14021	Soil	1.4	48.9	4.3	91	0.3	36.6	14.1	568	5.43	43.3	0.4	2.0	0.6	25	0.3	1.2	0.1	143	0.30	0.069	
14022	Soil	1.4	39.9	4.0	81	0.1	34.9	12.7	356	4.76	73.9	0.3	3.2	0.5	29	0.3	1.4	0.1	143	0.35	0.080	
14023	Soil	1.8	157.0	3.7	166	0.3	27.8	23.7	559	7.61	84.1	0.5	4.1	0.5	19	0.3	1.8	<0.1	200	0.18	0.205	
14024	Soil	1.5	54.8	3.8	77	0.4	66.5	19.3	303	5.20	98.0	0.4	4.0	0.9	30	0.2	1.3	0.1	147	0.33	0.044	
14025	Soil	1.3	49.2	3.4	69	<0.1	71.5	16.4	283	4.35	62.8	0.2	1.6	0.8	29	0.2	1.5	<0.1	115	0.35	0.035	
14026	Soil	1.2	41.7	2.9	101	0.2	45.2	18.0	333	4.26	30.5	0.4	1.8	1.3	23	0.2	1.6	0.1	100	0.24	0.086	
14027	Soil	1.1	67.6	3.2	78	0.2	171.5	22.6	354	4.11	62.4	0.5	3.4	1.6	27	0.3	1.3	<0.1	95	0.38	0.075	
14028	Soil	1.6	39.1	4.8	94	0.3	54.9	13.4	280	5.49	90.7	0.3	0.8	0.8	23	0.2	1.4	0.1	151	0.31	0.117	
14029	Soil	1.7	37.5	3.8	72	<0.1	42.4	13.1	247	4.34	45.5	0.4	2.6	1.2	21	0.2	1.7	0.1	119	0.21	0.029	
14030	Soil	1.7	26.0	4.1	84	0.1	37.6	12.4	207	3.78	45.1	0.4	3.3	1.0	24	0.2	1.2	0.1	111	0.28	0.027	
14034	Soil	2.3	48.0	11.6	193	0.2	107.6	22.2	698	6.98	262.1	0.3	7.9	0.6	23	0.7	2.5	0.1	155	0.25	0.055	
14035	Soil	2.4	73.5	6.6	108	0.2	69.8	16.0	291	5.30	173.2	0.3	10.8	0.8	19	0.3	2.2	0.1	136	0.15	0.044	
14036	Soil	2.2	50.0	8.4	89	0.3	47.1	13.7	524	4.60	139.2	0.2	3.0	0.6	19	0.2	2.4	0.2	143	0.20	0.095	
14037	Soil	1.7	48.7	10.4	148	0.5	66.1	16.7	384	5.25	90.5	0.3	3.9	0.9	25	0.3	2.5	0.1	122	0.27	0.160	
14038	Soil	0.8	164.8	2.9	201	0.7	20.9	37.0	2631	7.25	9.8	0.6	5.0	0.7	37	0.4	2.5	<0.1	157	0.19	0.226	
14039	Soil	1.5	75.7	5.1	137	0.4	38.8	23.4	547	6.04	64.1	0.4	3.0	0.6	29	0.2	3.2	<0.1	150	0.25	0.087	
14040	Soil	1.9	122.8	4.7	101	0.5	43.5	24.7	1037	6.03	52.8	1.7	2.4	0.5	54	0.4	2.4	<0.1	176	0.87	0.082	
14041	Soil	1.1	78.1	3.2	96	0.5	52.0	18.6	440	4.91	62.8	0.4	3.0	0.6	40	0.2	2.0	<0.1	131	0.47	0.086	
14042	Soil	1.4	89.6	4.5	71	0.4	37.9	15.9	308	5.28	137.2	0.4	6.9	0.7	29	0.1	4.3	<0.1	156	0.23	0.133	
14043	Soil	1.3	63.8	3.2	113	0.2	37.3	21.7	461	5.91	28.1	0.3	2.2	0.5	26	0.1	2.1	<0.1	195	0.25	0.077	
14044	Soil	1.3	55.0	4.7	94	0.2	55.8	18.7	403	4.94	54.7	0.3	2.8	0.7	20	0.1	1.9	0.1	124	0.17	0.111	
14045	Soil	0.9	47.3	3.4	124	0.3	34.1	20.2	504	4.38	27.6	0.4	2.8	0.5	24	0.2	1.4	<0.1	126	0.30	0.084	
14046	Soil	0.9	112.5	3.4	125	0.1	15.2	22.3	896	5.61	14.1	0.5	0.9	0.8	17	<0.1	1.4	<0.1	226	0.41	0.284	
14047	Soil	1.0	67.6	3.5	98	0.2	42.2	19.3	424	5.12	67.5	0.3	2.3	0.6	28	0.2	2.1	<0.1	136	0.30	0.130	
14048	Soil	1.0	77.8	3.5	84	0.2	42.0	19.1	367	4.97	42.1	0.4	3.0	0.5	34	0.2	2.4	<0.1	127	0.41	0.092	

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
14016	Soil	6	45	1.22	75	0.130	3	2.81	0.012	0.08	0.3	0.04	6.7	<0.1	<0.05	8	0.7
14017	Soil	6	38	1.40	83	0.146	3	2.76	0.011	0.11	0.4	0.02	7.9	<0.1	<0.05	11	<0.5
14018	Soil	6	21	1.32	66	0.199	2	2.36	0.011	0.10	0.2	0.05	6.6	<0.1	<0.05	13	<0.5
14019	Soil	5	64	1.23	107	0.077	3	2.28	0.009	0.14	0.3	0.03	9.0	<0.1	<0.05	9	0.7
14020	Soil	6	65	1.07	123	0.083	4	2.29	0.009	0.12	0.3	0.05	6.5	<0.1	<0.05	8	<0.5
14021	Soil	5	58	0.52	101	0.082	3	1.82	0.010	0.10	0.3	0.02	4.6	<0.1	<0.05	9	<0.5
14022	Soil	4	64	0.51	106	0.070	4	1.40	0.012	0.06	0.5	0.02	4.9	<0.1	<0.05	8	<0.5
14023	Soil	9	36	0.41	129	0.035	5	1.91	0.008	0.27	0.3	0.03	8.6	0.2	<0.05	8	<0.5
14024	Soil	4	86	0.79	148	0.094	6	2.24	0.013	0.08	0.4	0.04	7.0	0.1	<0.05	8	0.6
14025	Soil	4	86	0.68	121	0.076	4	1.66	0.013	0.06	0.4	0.02	5.9	0.1	<0.05	6	<0.5
14026	Soil	5	84	0.65	97	0.060	3	1.91	0.010	0.05	0.5	0.02	5.2	<0.1	<0.05	6	<0.5
14027	Soil	5	85	0.81	81	0.075	6	2.21	0.016	0.07	0.7	0.05	6.6	0.1	<0.05	5	<0.5
14028	Soil	4	82	0.62	111	0.086	2	1.90	0.013	0.07	0.5	0.03	5.4	0.1	<0.05	10	<0.5
14029	Soil	4	77	0.45	77	0.056	3	1.69	0.009	0.05	0.6	0.02	5.0	<0.1	<0.05	7	<0.5
14030	Soil	4	71	0.34	115	0.064	3	1.82	0.010	0.05	0.6	0.02	4.2	0.1	<0.05	7	<0.5
14034	Soil	5	78	0.28	149	0.028	5	1.40	0.010	0.09	0.7	0.08	6.4	0.3	<0.05	7	0.8
14035	Soil	5	71	0.29	105	0.016	6	1.60	0.007	0.09	0.7	0.19	7.3	0.4	<0.05	7	0.9
14036	Soil	5	58	0.13	99	0.014	3	1.20	0.006	0.09	0.6	0.04	5.2	0.2	<0.05	8	0.5
14037	Soil	4	118	0.52	79	0.050	9	1.98	0.016	0.10	0.8	0.06	6.2	0.2	<0.05	7	<0.5
14038	Soil	7	42	0.40	265	0.019	5	2.04	0.007	0.45	0.2	0.03	8.0	0.1	<0.05	6	<0.5
14039	Soil	5	67	0.43	109	0.028	7	1.52	0.008	0.22	0.7	0.02	7.5	0.1	<0.05	7	<0.5
14040	Soil	6	100	0.57	152	0.030	4	1.76	0.008	0.14	0.5	0.06	9.8	<0.1	<0.05	7	0.8
14041	Soil	5	82	0.77	82	0.046	5	1.86	0.011	0.13	0.6	0.05	6.9	<0.1	<0.05	7	<0.5
14042	Soil	4	68	0.59	76	0.053	3	1.56	0.009	0.12	0.7	0.02	5.6	<0.1	<0.05	8	0.6
14043	Soil	3	103	0.81	83	0.060	4	1.91	0.009	0.13	0.7	0.02	7.7	<0.1	<0.05	9	<0.5
14044	Soil	3	85	0.74	93	0.043	2	1.80	0.010	0.07	0.9	0.04	5.0	<0.1	<0.05	7	<0.5
14045	Soil	4	72	0.86	91	0.053	2	1.53	0.010	0.09	0.6	0.03	5.1	<0.1	<0.05	6	<0.5
14046	Soil	4	39	0.81	77	0.053	3	1.54	0.008	0.39	1.1	0.01	9.0	<0.1	<0.05	9	<0.5
14047	Soil	3	81	0.80	107	0.050	4	1.63	0.010	0.10	0.8	0.03	5.6	<0.1	<0.05	7	<0.5
14048	Soil	4	84	0.99	106	0.055	2	1.78	0.013	0.08	0.7	0.02	5.6	<0.1	<0.05	6	<0.5

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
14049	Soil	0.9	74.0	4.0	73	0.3	42.9	21.3	703	4.60	33.2	0.4	1.4	0.7	45	0.2	1.9	<0.1	134	0.57	0.080
14050	Soil	1.0	53.1	4.1	112	0.3	48.4	21.1	523	5.77	29.0	0.4	1.7	0.7	32	0.2	1.7	<0.1	163	0.37	0.105
14051	Soil	1.0	115.6	4.2	91	0.3	56.7	28.3	794	4.84	31.3	0.5	3.3	0.5	43	0.3	1.9	<0.1	135	0.57	0.104
14052	Soil	1.3	133.5	3.9	90	0.6	119.4	35.6	988	5.44	30.3	1.6	3.7	0.9	45	0.2	2.1	<0.1	128	0.79	0.111
14053	Soil	1.3	151.0	3.1	110	<0.1	59.6	40.1	1002	6.32	26.1	0.7	1.9	1.1	37	0.2	1.3	<0.1	211	0.46	0.113
14054	Soil	2.1	214.9	3.7	100	0.3	41.1	34.3	1436	6.33	14.8	2.6	3.0	0.8	68	0.1	0.8	<0.1	217	0.98	0.190
14055	Soil	1.0	65.0	3.7	115	0.4	22.5	23.7	450	5.26	14.0	0.4	2.4	0.8	65	0.2	1.1	<0.1	171	0.44	0.075
14056	Soil	0.7	255.5	2.2	94	0.2	46.5	36.4	1202	5.64	9.9	0.7	6.6	1.3	74	<0.1	0.7	<0.1	206	1.07	0.265
14057	Soil	1.3	65.9	4.4	89	0.2	23.7	18.4	401	5.38	18.1	0.3	1.0	0.7	37	0.1	2.4	<0.1	171	0.24	0.132
14058	Soil	1.0	37.8	2.3	60	0.3	20.6	26.7	786	4.46	5.6	0.7	1.3	0.6	91	<0.1	0.3	<0.1	146	0.85	0.077
14059	Soil	0.7	128.6	2.7	92	0.3	25.2	28.5	571	5.70	15.1	0.5	5.1	0.9	43	0.1	0.8	<0.1	186	0.45	0.204
14060	Soil	0.7	77.3	3.3	103	0.2	24.6	26.8	848	6.08	15.9	0.4	1.1	0.8	44	0.1	1.1	<0.1	191	0.41	0.257
14061	Soil	1.1	82.7	3.9	126	0.1	40.6	25.8	466	6.31	27.7	0.4	1.3	0.8	30	0.2	1.5	<0.1	193	0.28	0.093
14062	Soil	0.9	166.9	3.8	125	0.1	37.6	28.3	699	5.85	35.8	0.6	3.6	1.3	47	0.2	1.2	<0.1	179	0.54	0.245
14063	Soil	0.8	116.6	3.9	98	0.1	40.7	24.4	540	5.45	17.5	0.4	2.4	1.2	39	0.3	4.1	<0.1	161	0.45	0.209
14064	Soil	0.9	69.0	4.5	93	0.1	36.3	21.5	708	4.89	33.5	0.5	3.0	2.1	27	0.2	1.0	<0.1	133	0.34	0.214
14067	Soil	0.8	39.4	5.5	73	0.4	18.4	12.9	388	4.38	20.4	0.4	1.4	1.0	30	0.2	1.0	<0.1	139	0.23	0.153
14068	Soil	0.7	69.6	2.2	93	0.2	19.1	24.1	519	5.42	7.5	0.4	1.9	0.9	71	0.2	0.5	<0.1	190	0.62	0.298
14069	Soil	1.8	190.8	4.0	96	0.2	52.2	25.0	1091	4.94	23.5	1.5	2.7	1.1	72	0.3	0.9	<0.1	132	0.80	0.111
14070	Soil	2.1	205.3	4.2	82	0.3	61.8	26.7	962	4.91	24.1	1.1	2.8	1.0	83	0.2	0.8	<0.1	150	0.90	0.082
14071	Soil	1.9	116.0	3.7	76	0.3	48.6	21.9	737	4.07	17.3	0.6	2.6	1.1	73	0.3	0.8	<0.1	121	0.77	0.081
14072	Soil	1.2	112.8	3.1	77	0.1	48.1	25.1	870	4.29	16.1	0.6	3.4	1.5	61	0.1	0.9	<0.1	123	0.73	0.119
14073	Soil	1.0	78.8	2.8	94	0.1	24.8	24.0	552	5.78	11.0	0.4	1.6	1.0	61	0.2	0.6	<0.1	190	0.59	0.298
14074	Soil	0.6	24.4	3.6	55	0.4	14.8	14.6	306	4.32	5.1	0.2	1.2	0.5	75	0.2	0.4	<0.1	143	0.40	0.169
14075	Soil	0.7	63.6	2.7	82	0.2	29.1	22.5	447	5.31	8.7	0.3	2.7	0.8	66	0.1	0.5	<0.1	163	0.53	0.275
14076	Soil	0.7	51.7	3.3	57	0.3	31.6	18.4	1114	4.65	7.3	0.3	2.1	0.5	70	<0.1	0.5	<0.1	150	0.51	0.217
14077	Soil	0.7	53.3	2.6	82	0.2	25.3	24.1	491	5.84	9.4	0.4	2.5	0.9	69	0.2	0.5	<0.1	206	0.60	0.361
14078	Soil	0.9	58.3	3.3	78	0.1	25.6	19.2	398	5.65	7.0	0.3	4.5	0.6	80	0.1	0.5	<0.1	203	0.52	0.221
14079	Soil	1.1	64.0	3.4	72	0.1	23.5	22.4	589	5.23	7.0	0.4	3.2	0.6	90	0.2	0.3	<0.1	200	0.70	0.119
14080	Soil	0.4	40.1	2.4	111	0.2	22.8	23.7	647	4.99	4.6	0.3	2.5	0.7	85	0.5	0.3	<0.1	166	0.57	0.274

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
14049	Soil	5	88	0.98	108	0.080	3	1.71	0.013	0.12	0.6	0.03	6.1	<0.1	<0.05	7	<0.5
14050	Soil	3	111	0.81	198	0.063	3	1.67	0.008	0.14	0.9	0.04	7.5	<0.1	<0.05	8	<0.5
14051	Soil	5	85	0.94	119	0.063	3	1.65	0.010	0.09	0.5	0.03	5.9	<0.1	<0.05	6	<0.5
14052	Soil	11	192	1.25	99	0.060	3	1.77	0.012	0.15	0.7	0.08	13.8	<0.1	<0.05	5	<0.5
14053	Soil	5	107	1.40	102	0.099	3	2.09	0.010	0.33	0.6	0.02	7.9	<0.1	<0.05	7	<0.5
14054	Soil	10	70	1.25	94	0.077	3	1.70	0.012	0.31	0.4	0.05	11.1	<0.1	<0.05	6	0.6
14055	Soil	4	54	0.98	124	0.145	1	2.13	0.017	0.07	0.4	0.03	4.2	<0.1	<0.05	8	<0.5
14056	Soil	11	50	1.90	108	0.152	2	2.58	0.012	0.57	0.4	0.02	7.1	<0.1	<0.05	8	<0.5
14057	Soil	4	60	0.80	63	0.112	2	1.77	0.011	0.10	0.6	0.02	4.5	<0.1	<0.05	8	<0.5
14058	Soil	5	54	1.21	47	0.112	2	1.47	0.007	0.08	0.1	0.02	4.6	<0.1	<0.05	6	<0.5
14059	Soil	5	53	1.38	65	0.118	2	2.62	0.011	0.13	0.3	0.03	5.4	<0.1	<0.05	8	<0.5
14060	Soil	4	58	1.20	92	0.105	2	2.09	0.011	0.13	0.4	0.02	4.9	<0.1	<0.05	8	<0.5
14061	Soil	3	82	0.93	92	0.089	2	2.27	0.008	0.08	0.5	0.03	6.5	<0.1	<0.05	8	<0.5
14062	Soil	7	52	1.40	125	0.110	3	2.52	0.015	0.14	0.4	0.03	6.2	<0.1	<0.05	8	<0.5
14063	Soil	5	84	1.23	84	0.090	2	2.43	0.011	0.09	0.4	0.02	6.2	<0.1	<0.05	8	<0.5
14064	Soil	7	55	1.06	76	0.092	2	3.01	0.013	0.06	0.3	0.04	5.5	<0.1	<0.05	7	<0.5
14067	Soil	4	44	0.72	56	0.119	2	2.63	0.015	0.04	0.3	0.04	4.6	<0.1	<0.05	10	<0.5
14068	Soil	5	46	1.39	66	0.143	<1	2.51	0.014	0.14	0.3	0.04	3.5	<0.1	<0.05	8	<0.5
14069	Soil	12	70	1.33	136	0.081	4	2.14	0.013	0.21	0.3	0.05	8.6	<0.1	<0.05	7	<0.5
14070	Soil	13	67	1.31	166	0.096	3	2.41	0.016	0.19	0.3	0.02	8.6	<0.1	<0.05	7	<0.5
14071	Soil	7	60	1.17	103	0.095	4	1.92	0.013	0.18	0.3	0.04	6.0	<0.1	<0.05	7	<0.5
14072	Soil	9	61	1.25	95	0.112	2	1.91	0.012	0.19	0.3	0.02	5.7	<0.1	<0.05	6	<0.5
14073	Soil	5	59	1.36	76	0.126	2	2.17	0.012	0.12	0.3	0.02	4.1	<0.1	<0.05	7	<0.5
14074	Soil	3	59	0.86	47	0.150	1	1.73	0.013	0.09	0.3	0.03	3.4	<0.1	<0.05	10	<0.5
14075	Soil	4	91	1.44	48	0.126	1	2.35	0.012	0.13	0.3	0.03	4.0	<0.1	<0.05	8	<0.5
14076	Soil	4	59	1.10	56	0.122	2	1.73	0.014	0.10	0.2	0.03	3.9	<0.1	<0.05	8	<0.5
14077	Soil	5	65	1.38	66	0.141	2	2.38	0.014	0.12	0.4	0.02	4.0	<0.1	<0.05	9	<0.5
14078	Soil	3	71	1.24	80	0.171	1	2.32	0.014	0.07	0.3	0.03	3.8	<0.1	<0.05	10	<0.5
14079	Soil	4	46	1.30	73	0.196	2	1.85	0.016	0.21	0.2	0.03	3.6	<0.1	<0.05	9	<0.5
14080	Soil	3	77	1.30	85	0.165	2	2.21	0.014	0.16	0.3	0.02	3.3	<0.1	<0.05	9	<0.5

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
14081	Soil	0.8	134.8	3.2	118	0.2	197.3	42.5	617	6.58	22.4	0.4	7.8	1.1	63	0.3	0.6	<0.1	190	0.58	0.228
14082	Soil	0.6	42.2	2.9	55	0.2	18.3	16.3	334	4.18	3.4	0.2	1.4	0.4	58	0.1	0.4	<0.1	139	0.39	0.129
14083	Soil	0.6	20.0	4.4	51	0.2	12.5	9.9	231	3.33	3.1	0.2	<0.5	0.4	55	<0.1	0.3	<0.1	112	0.31	0.132
14084	Soil	0.8	126.2	2.1	82	0.1	28.5	24.9	519	5.09	6.8	0.4	1.5	0.8	42	0.1	0.4	<0.1	161	0.46	0.233
14085	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
14086	Soil	1.5	203.4	2.7	93	0.3	26.7	28.6	1095	5.25	6.5	0.6	1.7	0.6	84	0.2	0.4	<0.1	158	0.77	0.137
14087	Soil	1.7	121.9	3.0	75	0.3	21.1	32.3	767	5.38	5.7	0.5	1.3	0.6	75	0.1	0.3	<0.1	167	0.62	0.095
14088	Soil	0.6	55.1	2.3	86	<0.1	21.5	23.8	563	4.85	3.5	0.4	0.9	0.5	58	0.1	0.2	<0.1	150	0.51	0.240
14089	Soil	0.8	59.5	2.4	78	0.2	25.9	23.6	481	5.51	5.4	0.4	2.0	0.6	52	<0.1	0.2	<0.1	176	0.46	0.224
14090	Soil	1.1	44.3	3.0	81	0.3	36.8	21.8	399	5.64	6.2	0.3	<0.5	0.5	46	0.1	0.5	<0.1	173	0.29	0.182
14091	Soil	1.2	31.1	4.0	49	0.2	10.2	13.7	349	4.34	2.9	0.2	1.8	0.4	53	<0.1	0.3	0.1	153	0.30	0.086
14092	Soil	0.6	28.0	3.2	68	0.4	32.8	19.6	577	4.32	2.5	0.2	4.4	0.5	46	<0.1	0.3	<0.1	142	0.26	0.111
14093	Soil	0.6	75.5	2.8	97	0.2	30.7	24.2	830	5.66	10.5	0.3	1.8	0.8	47	<0.1	1.1	<0.1	174	0.44	0.257
14094	Soil	0.6	23.9	3.6	46	0.2	12.8	12.9	295	4.50	4.5	0.1	0.9	0.5	46	<0.1	0.7	<0.1	143	0.25	0.145
14095	Soil	0.9	43.9	3.8	68	0.3	31.4	16.2	665	4.63	21.7	0.3	3.7	0.7	24	0.1	3.0	0.1	127	0.22	0.168
14096	Soil	1.1	35.5	8.2	48	0.6	23.9	11.1	395	4.03	20.5	0.3	0.7	0.6	15	0.2	3.2	0.1	129	0.15	0.090
27501	Soil	1.1	10.7	6.5	44	<0.1	19.4	10.5	261	3.68	6.0	0.4	2.3	0.7	51	<0.1	1.3	0.2	131	0.30	0.060
27502	Soil	0.8	59.7	4.0	103	0.4	36.4	23.2	1360	4.53	11.6	1.1	<0.5	1.0	67	0.3	0.7	<0.1	136	0.93	0.130
27503	Soil	0.8	89.8	3.4	94	0.2	57.8	31.3	851	4.90	15.5	0.6	<0.5	1.1	55	0.3	1.1	<0.1	149	0.58	0.126
27504	Soil	0.9	95.2	3.8	83	0.2	34.0	21.4	385	5.67	18.3	0.4	1.3	0.9	33	0.2	2.5	<0.1	188	0.29	0.114
27505	Soil	1.0	54.7	3.9	88	0.3	40.5	21.0	602	6.25	23.3	0.3	2.2	0.7	38	0.2	3.5	<0.1	170	0.26	0.192
27506	Soil	0.8	109.9	3.4	93	0.1	41.0	24.4	572	5.82	25.1	0.5	2.4	1.2	47	0.1	1.8	<0.1	159	0.53	0.189
27507	Soil	0.9	121.1	3.4	120	0.2	48.6	26.3	589	5.74	20.9	0.4	1.7	0.7	42	0.2	5.2	<0.1	164	0.32	0.141
27508	Soil	0.7	116.3	3.2	122	0.2	37.0	27.7	603	5.30	11.2	0.3	1.0	1.0	30	0.2	3.5	<0.1	189	0.38	0.185
27509	Soil	1.0	160.9	2.9	117	0.2	51.4	30.5	815	5.87	17.7	0.4	2.2	1.1	37	0.3	2.9	<0.1	172	0.36	0.141
27510	Soil	0.7	79.6	2.7	123	0.1	27.7	24.9	537	5.94	15.3	0.4	1.4	1.2	64	0.2	0.9	<0.1	176	0.47	0.197
27511	Soil	0.7	62.6	3.1	73	0.3	18.2	17.7	398	4.54	9.9	0.4	2.6	0.7	74	0.2	0.8	<0.1	152	0.48	0.122
27512	Soil	0.6	116.3	2.3	99	0.1	22.4	27.4	609	5.72	6.9	0.5	1.4	1.2	81	0.1	0.5	<0.1	188	0.80	0.242
27513	Soil	1.2	203.5	3.0	94	0.2	43.6	34.6	882	6.12	21.8	1.7	6.0	1.1	67	0.2	1.4	<0.1	180	0.86	0.185
27514	Soil	1.1	188.6	2.0	82	0.2	24.4	29.1	949	6.07	10.1	2.9	5.9	1.2	105	0.1	0.4	<0.1	193	1.36	0.343

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
14081	Soil	5	149	1.66	81	0.141	2	2.81	0.012	0.21	0.3	0.03	4.6	<0.1	<0.05	7	<0.5
14082	Soil	2	70	0.99	36	0.159	2	1.53	0.011	0.12	0.3	0.01	2.6	<0.1	<0.05	8	<0.5
14083	Soil	3	46	0.57	44	0.141	1	1.24	0.012	0.06	0.2	0.02	2.2	<0.1	<0.05	8	<0.5
14084	Soil	4	87	1.59	42	0.128	1	2.29	0.009	0.15	0.3	0.02	3.4	<0.1	<0.05	8	0.5
14085	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
14086	Soil	7	76	1.53	52	0.112	2	2.03	0.010	0.41	0.2	0.02	6.2	<0.1	<0.05	7	<0.5
14087	Soil	5	75	1.18	37	0.157	1	1.99	0.011	0.21	0.2	0.02	3.7	<0.1	<0.05	8	<0.5
14088	Soil	3	73	1.42	51	0.148	<1	1.83	0.014	0.16	0.3	0.01	2.9	<0.1	<0.05	8	<0.5
14089	Soil	3	97	1.54	39	0.149	1	2.39	0.012	0.11	0.3	0.02	3.1	<0.1	<0.05	8	<0.5
14090	Soil	3	145	1.47	47	0.144	1	2.17	0.011	0.11	0.3	0.02	3.3	<0.1	<0.05	9	<0.5
14091	Soil	3	37	0.80	32	0.177	<1	1.26	0.010	0.09	9.0	0.01	2.4	<0.1	<0.05	11	<0.5
14092	Soil	2	147	1.41	53	0.138	1	1.96	0.010	0.13	0.2	0.04	4.3	<0.1	<0.05	9	<0.5
14093	Soil	5	84	1.41	77	0.093	2	2.40	0.009	0.13	0.6	0.01	5.8	<0.1	<0.05	9	<0.5
14094	Soil	3	44	0.62	48	0.101	<1	1.25	0.008	0.08	0.4	0.02	3.5	<0.1	<0.05	8	<0.5
14095	Soil	3	73	0.60	52	0.037	1	1.36	0.011	0.06	1.3	0.03	5.0	<0.1	<0.05	6	<0.5
14096	Soil	3	59	0.28	51	0.037	<1	1.03	0.007	0.05	1.7	0.05	4.5	<0.1	<0.05	6	<0.5
27501	Soil	3	84	0.40	79	0.139	1	0.99	0.012	0.05	0.4	<0.01	3.2	0.1	<0.05	11	<0.5
27502	Soil	8	61	1.22	152	0.094	2	1.91	0.013	0.09	0.2	0.03	5.9	<0.1	<0.05	7	<0.5
27503	Soil	6	85	1.27	127	0.114	3	2.00	0.014	0.11	0.7	0.03	5.9	<0.1	<0.05	7	<0.5
27504	Soil	4	77	0.93	71	0.131	2	1.96	0.011	0.09	0.7	0.02	6.9	<0.1	<0.05	9	<0.5
27505	Soil	3	116	1.02	61	0.106	2	2.13	0.011	0.06	0.6	0.10	5.6	<0.1	<0.05	9	<0.5
27506	Soil	5	76	1.34	95	0.103	3	2.15	0.012	0.10	0.5	0.02	6.6	<0.1	<0.05	8	<0.5
27507	Soil	4	107	1.16	77	0.082	3	2.35	0.013	0.09	0.5	0.03	7.1	<0.1	<0.05	8	<0.5
27508	Soil	4	80	1.36	67	0.081	2	2.33	0.008	0.39	0.5	0.03	8.1	<0.1	<0.05	8	<0.5
27509	Soil	5	96	1.56	71	0.107	2	2.48	0.013	0.33	0.5	0.02	6.8	<0.1	<0.05	7	<0.5
27510	Soil	5	64	1.44	63	0.148	2	2.78	0.014	0.15	0.4	0.01	5.1	<0.1	<0.05	8	<0.5
27511	Soil	5	47	0.97	54	0.139	2	1.84	0.015	0.10	0.3	0.03	4.3	<0.1	<0.05	8	<0.5
27512	Soil	7	52	1.67	63	0.155	2	2.51	0.017	0.25	0.3	0.02	4.3	<0.1	<0.05	8	<0.5
27513	Soil	7	86	1.72	82	0.114	3	2.49	0.012	0.36	0.5	0.02	6.3	<0.1	<0.05	7	0.6
27514	Soil	10	50	1.71	76	0.117	3	2.00	0.023	0.44	0.4	0.03	5.7	<0.1	<0.05	7	0.9

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
27515	Soil	0.9	91.0	2.1	77	0.1	18.5	23.8	527	5.77	6.6	0.5	1.9	0.9	83	0.1	0.6	<0.1	202	0.68	0.195
27516	Soil	0.7	91.1	2.5	85	0.2	16.7	22.7	538	5.42	4.8	0.4	1.2	0.9	75	0.1	0.4	<0.1	178	0.56	0.209
27517	Soil	0.9	86.8	3.4	133	0.2	42.1	30.8	494	6.57	21.0	0.4	1.6	0.9	21	0.2	1.5	<0.1	191	0.23	0.191
27518	Soil	0.7	68.1	2.2	103	0.2	22.6	24.0	527	5.91	11.5	0.4	1.1	0.8	67	0.1	0.6	<0.1	199	0.56	0.216
27519	Soil	0.6	29.2	3.8	68	0.4	16.4	15.5	466	4.69	7.2	0.3	1.7	0.7	69	0.2	0.6	<0.1	179	0.43	0.190
27520	Soil	0.7	122.7	1.7	113	<0.1	19.4	31.0	748	6.04	6.5	0.6	2.0	1.2	76	0.1	0.3	<0.1	205	0.80	0.396
27521	Soil	1.2	167.9	3.1	108	0.5	27.6	32.1	757	5.40	9.0	0.6	1.1	1.1	67	0.1	1.0	<0.1	175	0.79	0.170
27522	Soil	0.5	97.0	1.3	104	0.1	18.7	29.6	865	5.44	3.7	0.5	1.2	1.6	59	0.1	0.2	<0.1	190	0.72	0.380
27523	Soil	1.3	52.4	3.6	74	0.4	27.0	16.9	338	5.16	16.2	0.3	0.9	0.5	24	0.1	5.1	0.1	161	0.16	0.134
27524	Soil	1.0	57.6	4.1	77	0.4	23.6	16.6	486	4.40	11.3	0.3	0.6	0.6	28	0.2	3.1	<0.1	149	0.16	0.185
27525	Soil	0.6	53.6	2.4	110	0.3	23.8	23.6	584	5.18	4.7	0.3	0.7	0.6	41	0.1	0.8	<0.1	204	0.34	0.172
27526	Soil	0.8	66.9	3.1	83	0.3	33.2	20.4	413	5.45	12.6	0.3	2.5	0.7	29	0.1	1.7	<0.1	176	0.25	0.198
27527	Soil	1.9	114.9	3.6	106	0.5	27.7	24.9	760	6.31	16.2	0.4	1.2	0.7	26	0.2	1.3	<0.1	182	0.24	0.235
27528	Soil	0.6	42.2	2.9	89	0.2	29.0	19.5	1258	4.21	6.0	0.2	0.9	0.4	36	0.1	1.1	<0.1	117	0.23	0.120
27529	Soil	0.8	91.4	3.3	91	<0.1	17.4	18.6	557	5.09	10.0	0.3	0.8	0.6	17	<0.1	1.3	<0.1	191	0.17	0.131
27530	Soil	0.5	111.6	3.1	79	0.1	19.3	22.9	827	4.80	6.0	0.3	1.0	0.6	45	0.2	1.0	<0.1	155	0.44	0.185
27531	Soil	1.1	83.4	3.8	123	0.3	116.8	33.3	1035	6.06	21.6	0.4	<0.5	0.5	25	0.2	3.5	<0.1	174	0.15	0.090
27532	Soil	1.0	29.3	5.6	63	0.3	26.1	13.8	283	4.29	19.9	0.2	19.9	0.4	16	0.1	3.8	0.1	123	0.12	0.088
27533	Soil	1.3	19.9	5.3	49	<0.1	31.4	10.3	224	3.98	25.5	0.2	0.9	0.2	21	0.2	2.5	0.2	107	0.17	0.070
27567	Soil	0.9	32.7	3.4	50	0.4	16.3	13.5	309	4.33	4.5	0.2	1.7	0.4	54	<0.1	0.5	<0.1	147	0.31	0.219
27568	Soil	1.0	27.9	3.2	38	0.2	7.8	10.7	331	3.14	2.4	0.2	0.6	0.3	62	<0.1	0.3	<0.1	109	0.40	0.133
27569	Soil	5.6	1047	3.9	91	1.0	32.0	34.6	2228	6.73	16.0	1.7	5.6	0.6	116	0.2	0.8	0.1	279	0.90	0.134
27570	Soil	0.6	24.6	2.4	79	0.2	13.6	18.3	347	4.29	2.1	0.2	3.6	0.4	71	<0.1	0.2	<0.1	152	0.40	0.162
27571	Soil	1.2	351.1	2.6	38	1.1	12.1	19.9	499	2.42	1.5	0.6	1.4	0.2	153	0.4	0.3	<0.1	86	1.18	0.065
27572	Soil	3.6	789.1	3.9	71	0.6	23.3	32.6	1992	6.17	14.9	3.2	6.4	1.0	87	0.2	0.6	<0.1	248	0.64	0.132
27573	Soil	0.5	50.4	2.1	57	0.1	16.0	17.0	312	4.01	2.9	0.2	1.7	0.4	73	<0.1	0.3	<0.1	143	0.52	0.126
27574	Soil	0.5	147.7	1.4	101	<0.1	30.2	35.4	621	5.91	4.6	0.4	1.4	0.9	78	<0.1	0.2	<0.1	208	0.93	0.260
27575	Soil	0.9	38.5	3.2	59	1.0	10.1	14.7	325	4.47	5.0	0.2	1.4	0.5	47	<0.1	0.6	<0.1	162	0.29	0.155
27576	Soil	0.9	36.1	3.4	72	0.3	13.5	15.2	346	4.78	6.4	0.3	2.5	0.7	44	0.1	0.7	<0.1	156	0.32	0.200
27751	Soil	0.9	45.2	3.4	109	0.1	65.4	24.4	521	4.32	13.8	0.4	1.3	0.8	50	0.2	0.7	<0.1	149	0.56	0.089

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
27515	Soil	6	46	1.48	45	0.178	1	2.30	0.019	0.15	0.3	0.03	4.0	<0.1	<0.05	8	<0.5
27516	Soil	5	46	1.35	46	0.180	1	2.45	0.015	0.15	0.3	0.03	3.9	<0.1	<0.05	9	0.6
27517	Soil	3	89	1.79	79	0.063	4	2.84	0.007	0.32	0.4	0.02	13.4	<0.1	<0.05	8	<0.5
27518	Soil	5	54	1.48	57	0.170	1	2.42	0.016	0.20	0.7	0.02	4.1	<0.1	<0.05	9	<0.5
27519	Soil	4	48	0.95	60	0.172	<1	1.77	0.020	0.09	0.3	0.02	3.7	<0.1	<0.05	10	<0.5
27520	Soil	7	42	1.83	66	0.155	<1	2.76	0.014	0.37	0.4	0.02	4.4	<0.1	<0.05	9	<0.5
27521	Soil	8	56	1.29	76	0.148	1	2.54	0.016	0.27	0.6	0.03	5.1	<0.1	<0.05	9	0.7
27522	Soil	8	47	1.67	60	0.119	<1	2.45	0.011	0.17	0.3	0.02	3.0	<0.1	<0.05	8	<0.5
27523	Soil	3	80	0.66	56	0.063	2	1.36	0.006	0.09	0.8	0.02	5.0	<0.1	<0.05	7	<0.5
27524	Soil	3	76	0.69	62	0.039	2	1.79	0.009	0.08	0.5	0.03	4.5	<0.1	<0.05	8	<0.5
27525	Soil	4	64	1.30	82	0.112	2	2.16	0.007	0.23	0.4	0.02	5.6	<0.1	<0.05	10	<0.5
27526	Soil	3	92	1.21	71	0.075	2	2.11	0.009	0.12	0.5	0.03	5.3	<0.1	<0.05	8	<0.5
27527	Soil	3	75	1.07	66	0.069	2	2.14	0.007	0.15	0.4	0.03	5.5	<0.1	<0.05	8	<0.5
27528	Soil	2	73	0.78	112	0.073	<1	1.37	0.012	0.10	0.4	0.02	3.3	<0.1	<0.05	7	<0.5
27529	Soil	4	46	0.41	75	0.053	2	0.98	0.005	0.24	0.5	<0.01	6.6	<0.1	<0.05	7	<0.5
27530	Soil	3	55	1.14	91	0.092	1	1.48	0.007	0.23	0.3	<0.01	4.3	<0.1	<0.05	7	<0.5
27531	Soil	3	143	0.89	114	0.065	3	1.68	0.008	0.17	1.2	0.03	8.1	<0.1	<0.05	7	<0.5
27532	Soil	4	72	0.17	100	0.037	2	0.71	0.006	0.11	1.1	0.02	4.0	<0.1	<0.05	6	<0.5
27533	Soil	4	62	0.08	115	0.010	2	0.61	0.005	0.06	0.7	0.01	2.8	<0.1	<0.05	5	<0.5
27567	Soil	3	68	0.71	39	0.102	1	1.29	0.007	0.06	0.3	0.02	2.9	<0.1	<0.05	8	<0.5
27568	Soil	3	35	0.57	56	0.116	<1	1.01	0.009	0.07	0.2	0.03	2.2	<0.1	<0.05	8	<0.5
27569	Soil	17	62	1.24	89	0.079	3	3.02	0.010	0.17	0.6	0.06	12.2	<0.1	<0.05	9	0.8
27570	Soil	2	54	1.05	71	0.185	<1	1.69	0.015	0.14	0.2	0.01	2.5	<0.1	<0.05	10	<0.5
27571	Soil	11	16	0.51	70	0.084	2	1.16	0.009	0.10	0.2	0.05	3.3	<0.1	0.07	5	<0.5
27572	Soil	16	55	1.35	77	0.077	3	2.60	0.009	0.10	0.4	0.08	15.3	<0.1	<0.05	9	1.1
27573	Soil	3	63	1.03	37	0.140	<1	1.51	0.011	0.07	0.2	0.02	2.7	<0.1	<0.05	8	<0.5
27574	Soil	5	103	1.98	37	0.160	1	2.54	0.009	0.21	0.3	0.02	3.0	<0.1	<0.05	8	<0.5
27575	Soil	4	26	0.81	48	0.117	1	1.63	0.009	0.07	0.4	0.03	3.5	<0.1	<0.05	9	<0.5
27576	Soil	4	35	0.82	58	0.102	1	1.74	0.011	0.08	0.3	0.04	3.7	<0.1	<0.05	9	<0.5
27751	Soil	5	69	1.24	92	0.120	2	1.87	0.015	0.06	0.3	<0.01	4.2	<0.1	<0.05	8	<0.5

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
27752	Soil	0.3	4.9	5.5	12	<0.1	3.0	1.8	91	1.20	3.3	0.2	1.3	0.5	37	<0.1	0.7	0.1	57	0.23	0.040
27753	Soil	1.1	30.0	4.3	67	<0.1	30.4	14.4	334	4.27	21.1	0.3	1.1	1.1	21	0.2	1.2	<0.1	123	0.25	0.022
27754	Soil	1.7	68.8	5.1	84	0.3	64.0	26.9	2419	4.87	24.8	1.9	1.6	1.1	43	0.5	1.9	0.1	139	0.70	0.071
27755	Soil	1.3	40.0	4.0	133	<0.1	42.8	20.3	578	5.98	25.2	0.4	0.9	0.6	22	0.2	1.6	0.1	167	0.16	0.056
27756	Soil	1.4	39.0	5.3	72	<0.1	39.0	14.5	394	5.39	46.2	0.4	2.1	0.9	33	0.2	2.1	0.1	155	0.34	0.077
27757	Soil	1.6	116.0	3.3	71	0.2	61.4	23.0	921	4.34	22.5	2.4	2.8	0.7	55	0.3	2.2	0.2	114	0.84	0.075
27758	Soil	2.0	120.7	4.0	90	0.2	47.2	27.7	1356	5.11	20.4	3.1	1.8	0.6	63	0.5	2.0	0.3	152	0.98	0.083
27759	Soil	1.9	142.3	3.7	93	0.2	56.6	24.4	930	4.87	20.2	3.6	4.7	0.7	55	0.3	2.3	0.3	137	0.96	0.072
27760	Soil	1.7	167.5	3.9	82	0.3	63.5	31.5	1218	5.72	28.9	2.7	4.2	1.4	62	0.2	2.5	0.3	171	0.88	0.107
27761	Soil	1.5	144.0	3.7	81	0.3	62.3	27.6	1064	5.24	27.3	3.8	2.9	0.9	73	0.3	2.0	0.2	159	1.05	0.092
27762	Soil	1.6	130.2	3.8	81	0.2	63.1	26.4	939	5.07	22.3	3.0	2.8	1.1	84	0.3	1.9	0.2	158	1.01	0.082
27763	Soil	1.8	123.2	4.7	142	0.2	45.9	34.9	1252	6.37	17.2	1.6	1.3	1.2	83	0.5	1.4	0.2	224	0.71	0.087
27764	Soil	2.7	121.1	5.4	113	0.4	41.7	21.2	729	5.59	18.2	2.1	0.7	0.5	69	0.7	2.6	0.2	185	0.78	0.074
27765	Soil	6.2	114.3	7.1	52	0.2	34.5	9.5	153	4.59	18.6	0.9	1.9	0.8	35	0.5	3.6	0.2	197	0.22	0.032
27766	Soil	5.0	306.4	4.7	98	0.9	52.1	30.9	1778	6.83	16.9	8.3	2.7	0.8	50	0.7	2.1	0.2	225	0.73	0.103
27767	Soil	1.5	113.4	2.8	97	0.2	36.1	28.8	742	6.90	14.2	0.6	2.4	0.6	51	0.2	2.0	0.1	199	0.49	0.079
27768	Soil	1.5	52.8	3.3	103	0.3	23.4	19.0	446	5.88	10.2	0.5	3.4	1.2	53	0.3	1.7	0.2	172	0.42	0.211
27769	Soil	1.8	67.6	3.3	102	<0.1	30.3	21.5	544	6.42	14.9	0.6	2.6	0.9	45	0.1	2.1	0.2	165	0.33	0.225
27770	Soil	1.0	45.2	4.2	56	0.2	13.7	16.5	405	5.04	7.0	0.4	2.6	0.7	67	<0.1	1.0	0.2	194	0.42	0.119
27771	Soil	2.7	86.8	4.9	61	0.4	19.9	22.0	464	5.60	9.3	0.9	1.0	0.7	58	0.2	1.8	0.2	195	0.54	0.054
27772	Soil	2.3	28.1	5.4	34	0.2	12.5	7.5	209	4.09	8.1	0.3	<0.5	0.6	50	0.1	2.2	0.2	156	0.21	0.051
27773	Soil	1.8	45.3	4.9	88	0.3	24.3	23.6	869	6.18	11.3	0.4	2.1	0.7	68	0.1	2.0	0.2	202	0.39	0.206
27774	Soil	2.7	173.6	5.7	110	0.8	58.9	29.9	3769	6.53	22.9	7.0	1.9	1.0	51	0.6	3.0	0.2	159	0.63	0.106
27775	Soil	2.0	29.4	4.8	70	0.2	29.8	14.6	373	5.42	15.3	0.4	1.4	0.7	41	0.2	2.9	0.2	155	0.19	0.132
27776	Soil	1.5	30.5	4.0	66	0.2	36.3	19.7	373	6.36	15.6	0.3	5.1	0.6	33	0.2	2.2	0.1	185	0.14	0.123
27777	Soil	2.6	38.9	5.1	61	0.3	30.1	13.2	345	4.83	19.7	0.3	1.5	0.5	26	0.1	2.6	0.2	168	0.10	0.084
27778	Soil	0.9	34.7	3.8	90	0.2	36.1	18.1	439	5.39	15.8	0.2	1.8	0.6	52	0.2	2.0	0.1	138	0.29	0.177
27779	Soil	0.8	28.2	5.8	68	<0.1	17.0	9.4	250	3.28	27.2	0.5	1.4	1.5	22	<0.1	1.2	0.2	95	0.16	0.068
27780	Soil	0.9	29.4	4.7	76	0.1	20.3	13.3	768	4.14	21.7	0.3	0.9	1.1	39	0.1	3.6	0.2	126	0.23	0.097
27781	Soil	0.5	13.8	4.5	25	0.3	6.5	4.9	230	1.93	4.9	0.2	1.2	0.7	22	<0.1	0.6	0.1	70	0.16	0.043

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
27752	Soil	3	15	0.09	48	0.096	<1	0.92	0.007	0.02	<0.1	<0.01	1.7	<0.1	<0.05	7	<0.5
27753	Soil	4	42	0.68	123	0.104	<1	1.46	0.007	0.03	0.1	<0.01	3.0	<0.1	<0.05	7	<0.5
27754	Soil	12	92	0.89	213	0.054	3	1.67	0.009	0.08	0.9	0.04	10.5	<0.1	<0.05	6	0.5
27755	Soil	4	80	0.63	160	0.026	2	2.06	0.008	0.06	0.5	0.02	5.7	<0.1	<0.05	8	<0.5
27756	Soil	4	69	0.55	123	0.093	2	1.41	0.009	0.04	0.3	0.02	4.4	<0.1	<0.05	8	<0.5
27757	Soil	10	75	0.88	155	0.044	3	1.47	0.010	0.10	0.8	0.06	11.1	<0.1	<0.05	5	1.2
27758	Soil	11	79	0.92	254	0.035	3	1.93	0.011	0.08	0.9	0.04	11.7	<0.1	<0.05	7	0.9
27759	Soil	12	80	0.89	205	0.035	4	1.64	0.009	0.08	1.0	0.08	11.4	<0.1	<0.05	6	0.9
27760	Soil	15	91	1.21	168	0.060	3	1.96	0.014	0.15	1.0	0.07	18.6	<0.1	<0.05	7	1.1
27761	Soil	18	72	1.17	229	0.048	3	2.11	0.011	0.10	0.7	0.06	12.9	<0.1	<0.05	7	1.3
27762	Soil	13	69	1.23	162	0.066	3	1.98	0.011	0.14	0.6	0.04	9.6	<0.1	<0.05	7	1.0
27763	Soil	7	69	1.22	182	0.122	2	2.05	0.014	0.09	0.6	0.03	9.9	<0.1	<0.05	9	<0.5
27764	Soil	8	65	0.71	239	0.070	2	1.74	0.014	0.08	1.3	0.03	8.2	<0.1	<0.05	8	0.6
27765	Soil	4	67	0.14	129	0.049	3	0.93	0.006	0.05	1.7	0.03	5.0	<0.1	<0.05	7	<0.5
27766	Soil	18	62	0.96	307	0.031	3	2.12	0.008	0.17	1.1	0.08	19.5	<0.1	<0.05	8	0.8
27767	Soil	4	72	1.51	167	0.090	3	2.23	0.012	0.10	1.2	0.03	6.3	<0.1	<0.05	8	<0.5
27768	Soil	6	73	1.06	72	0.080	3	2.17	0.014	0.12	1.2	0.03	5.0	<0.1	<0.05	8	<0.5
27769	Soil	5	88	1.11	75	0.061	3	2.17	0.013	0.12	1.2	0.03	5.8	<0.1	<0.05	8	<0.5
27770	Soil	4	34	0.90	57	0.134	1	1.71	0.015	0.10	0.7	0.02	3.7	<0.1	<0.05	10	<0.5
27771	Soil	5	52	0.60	114	0.059	2	1.80	0.010	0.08	1.1	0.03	5.4	<0.1	<0.05	9	<0.5
27772	Soil	4	43	0.14	58	0.089	3	0.98	0.007	0.07	1.5	0.02	2.9	<0.1	<0.05	8	<0.5
27773	Soil	4	68	0.81	67	0.054	2	1.87	0.012	0.08	0.7	0.02	5.7	<0.1	<0.05	8	<0.5
27774	Soil	15	90	0.67	251	0.022	4	2.68	0.007	0.13	1.3	0.06	16.2	0.1	<0.05	7	<0.5
27775	Soil	4	98	0.47	84	0.038	2	1.54	0.009	0.07	1.1	0.01	5.2	<0.1	<0.05	8	<0.5
27776	Soil	3	114	0.87	76	0.043	3	2.00	0.006	0.09	0.9	0.03	7.0	<0.1	<0.05	9	<0.5
27777	Soil	4	80	0.24	63	0.029	4	1.17	0.005	0.07	1.3	0.04	6.1	0.1	<0.05	9	<0.5
27778	Soil	3	109	1.11	94	0.065	3	2.12	0.010	0.08	0.3	0.04	3.7	<0.1	<0.05	8	<0.5
27779	Soil	5	60	0.68	124	0.075	2	2.37	0.009	0.09	0.3	0.04	3.9	<0.1	<0.05	9	<0.5
27780	Soil	5	54	0.66	106	0.071	2	1.46	0.007	0.09	0.5	0.01	3.9	<0.1	<0.05	8	<0.5
27781	Soil	4	21	0.23	50	0.031	1	1.22	0.009	0.05	0.3	0.02	2.8	<0.1	<0.05	7	<0.5

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
27782	Soil	0.9	36.2	3.9	71	0.3	22.9	13.3	336	4.79	10.7	0.3	1.1	0.8	28	0.3	1.1	0.1	126	0.20	0.092
27783	Soil	0.9	28.9	4.6	62	0.6	20.5	13.2	1117	4.53	10.3	0.3	1.6	0.4	32	0.2	1.6	0.1	140	0.20	0.117
27784	Soil	1.0	74.4	3.8	74	0.3	27.2	15.5	598	5.54	15.9	0.4	3.9	0.4	37	<0.1	3.2	0.1	173	0.22	0.150
27785	Soil	1.0	117.5	3.2	102	0.2	26.1	30.4	614	7.85	16.4	0.5	2.0	0.9	43	0.1	1.3	<0.1	247	0.28	0.221
27786	Soil	1.1	59.4	3.2	120	0.3	26.7	23.8	622	6.33	10.9	0.4	1.7	0.7	37	0.2	1.4	0.1	197	0.25	0.262
27787	Soil	1.5	34.4	3.8	82	0.4	19.7	18.8	739	5.68	13.0	0.3	1.4	0.6	50	0.2	1.5	0.1	158	0.34	0.247
27788	Soil	1.5	37.9	5.9	86	0.4	9.6	12.9	358	4.97	7.9	0.3	4.0	0.5	61	0.2	2.2	0.1	201	0.32	0.125
27789	Soil	1.4	41.6	4.0	76	0.5	18.4	17.0	361	5.35	11.5	0.4	1.8	0.8	60	0.3	1.3	0.1	168	0.38	0.114
27790	Soil	0.6	25.1	3.3	83	0.2	46.4	26.8	449	5.05	9.7	0.2	<0.5	0.4	57	0.1	0.7	<0.1	159	0.34	0.152
27791	Soil	0.9	83.3	2.7	91	0.3	35.5	28.2	528	5.99	11.4	0.4	1.8	0.8	50	0.2	0.7	<0.1	178	0.38	0.188
27792	Soil	1.2	130.3	3.1	106	0.2	30.2	23.7	843	6.61	18.4	0.6	1.6	1.2	53	0.2	1.3	<0.1	199	0.50	0.309
27793	Soil	0.9	49.3	4.2	106	0.1	15.8	21.6	887	5.70	8.3	0.4	1.0	1.0	80	0.2	1.3	<0.1	214	0.53	0.291
27794	Soil	2.1	53.7	5.5	44	0.3	28.9	11.3	274	4.35	14.0	0.4	2.2	0.7	60	0.2	3.7	0.1	165	0.27	0.053
27795	Soil	2.2	51.0	4.3	79	0.2	130.6	25.4	454	5.58	204.1	0.3	0.7	0.7	47	0.2	3.0	0.1	160	0.31	0.100
27796	Soil	1.3	59.2	4.8	82	0.2	47.7	23.5	690	4.77	13.9	0.5	17.3	0.3	49	0.4	1.8	0.1	150	0.35	0.071
27797	Soil	1.7	71.2	5.2	66	0.1	28.1	14.0	466	5.19	18.6	0.6	1.4	0.6	49	0.2	2.7	0.1	194	0.27	0.054
27798	Soil	1.4	63.3	4.2	146	0.2	64.3	30.3	809	7.04	18.0	0.7	0.8	0.6	70	0.2	1.8	0.1	194	0.62	0.064
27799	Soil	2.0	129.5	5.2	96	0.3	84.0	22.2	1791	4.68	17.5	1.7	<0.5	0.5	65	0.9	1.3	0.1	136	0.72	0.087
27800	Soil	1.7	88.6	4.5	87	0.2	66.4	23.8	745	5.62	34.9	0.9	1.6	0.6	65	0.3	1.6	0.1	165	0.65	0.063
27801	Soil	1.3	57.8	3.1	99	0.3	33.4	21.3	701	4.70	15.3	0.5	6.9	0.7	69	0.2	0.8	0.1	149	0.37	0.086
27802	Soil	1.3	62.1	3.4	82	0.3	47.7	21.0	665	4.27	20.5	0.5	5.2	0.8	37	0.1	1.3	0.1	120	0.33	0.059
27803	Soil	1.8	163.3	4.4	92	0.3	66.8	25.9	1191	5.02	28.0	1.2	3.3	0.7	51	0.5	1.4	0.1	132	0.63	0.055
27804	Soil	1.3	69.2	4.4	86	0.1	53.0	19.5	771	4.60	25.8	0.9	2.4	0.9	41	0.3	1.2	0.1	123	0.49	0.054
27805	Soil	1.9	177.0	4.2	110	0.4	80.7	23.6	1847	5.15	25.2	1.8	4.7	1.1	58	0.6	1.5	0.2	134	0.88	0.064
27806	Soil	1.2	30.0	4.5	72	0.2	29.8	12.9	591	3.90	19.8	0.3	3.1	1.1	18	0.2	1.1	0.1	114	0.17	0.032
27807	Soil	0.8	34.1	3.8	41	<0.1	25.5	9.1	231	3.85	24.3	0.3	4.6	1.2	17	0.2	1.2	<0.1	130	0.14	0.056
27808	Soil	0.8	24.2	5.1	47	0.1	23.9	9.3	233	3.91	18.4	0.2	3.4	0.6	42	0.1	1.1	<0.1	140	0.23	0.091
27809	Soil	1.2	15.2	5.8	31	0.1	19.2	5.7	174	3.21	24.1	0.2	1.8	0.8	17	<0.1	1.6	0.2	148	0.12	0.038
27810	Soil	1.3	11.7	7.1	47	0.2	24.0	6.5	265	4.60	29.3	0.3	1.6	2.1	17	<0.1	1.0	0.2	178	0.15	0.074
27811	Soil	1.2	33.1	4.4	59	0.2	33.8	11.9	446	5.20	41.5	0.3	2.2	0.7	20	0.1	1.7	<0.1	143	0.19	0.108

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
27782	Soil	4	69	0.91	63	0.060	2	2.42	0.012	0.07	0.4	0.04	4.5	<0.1	<0.05	9	<0.5
27783	Soil	4	61	0.51	95	0.046	2	1.45	0.007	0.09	0.5	0.02	4.5	<0.1	<0.05	8	<0.5
27784	Soil	3	70	0.73	84	0.041	3	1.81	0.007	0.11	1.6	0.03	5.9	<0.1	<0.05	8	<0.5
27785	Soil	4	63	1.76	59	0.090	3	3.57	0.008	0.14	0.5	0.04	7.6	<0.1	<0.05	11	<0.5
27786	Soil	4	74	1.40	75	0.061	2	2.95	0.007	0.14	0.5	0.04	5.1	<0.1	<0.05	10	<0.5
27787	Soil	4	67	0.85	61	0.073	2	2.24	0.009	0.09	0.6	0.03	4.1	<0.1	<0.05	9	<0.5
27788	Soil	4	26	0.45	106	0.098	3	1.36	0.008	0.18	0.7	0.01	4.5	<0.1	<0.05	10	<0.5
27789	Soil	4	53	1.02	51	0.122	3	2.26	0.010	0.15	0.5	0.03	4.3	<0.1	<0.05	10	<0.5
27790	Soil	2	122	1.47	48	0.112	2	2.24	0.012	0.07	0.4	0.02	4.0	<0.1	<0.05	9	<0.5
27791	Soil	3	114	1.53	56	0.108	2	2.60	0.012	0.15	0.5	0.03	4.8	<0.1	<0.05	8	<0.5
27792	Soil	6	62	1.34	65	0.086	3	2.91	0.010	0.16	0.6	0.03	6.4	<0.1	<0.05	9	<0.5
27793	Soil	6	46	1.16	109	0.143	3	2.36	0.013	0.21	0.5	0.02	5.3	<0.1	<0.05	12	<0.5
27794	Soil	4	72	0.36	61	0.081	2	1.17	0.008	0.07	0.6	0.02	4.1	<0.1	<0.05	8	<0.5
27795	Soil	4	182	0.77	106	0.086	4	1.51	0.009	0.11	1.1	0.03	5.1	<0.1	<0.05	8	<0.5
27796	Soil	5	85	0.63	123	0.047	3	1.34	0.009	0.07	0.6	0.01	4.7	<0.1	<0.05	6	<0.5
27797	Soil	6	75	0.43	118	0.064	3	1.21	0.008	0.08	0.9	0.02	5.1	<0.1	<0.05	8	<0.5
27798	Soil	5	106	1.39	146	0.084	5	2.51	0.012	0.10	0.7	0.03	7.7	<0.1	<0.05	9	<0.5
27799	Soil	18	69	0.81	246	0.048	2	1.86	0.012	0.14	0.3	0.05	11.0	<0.1	<0.05	8	<0.5
27800	Soil	7	81	0.85	149	0.084	3	1.84	0.011	0.10	0.7	0.03	7.4	<0.1	<0.05	9	<0.5
27801	Soil	4	49	0.91	107	0.102	2	1.58	0.011	0.07	0.3	0.02	3.9	<0.1	0.11	7	<0.5
27802	Soil	4	65	0.77	70	0.065	2	1.41	0.012	0.06	0.5	0.02	4.8	<0.1	0.10	6	<0.5
27803	Soil	9	72	0.70	174	0.050	2	1.66	0.010	0.08	0.4	0.03	8.8	<0.1	0.11	7	0.6
27804	Soil	7	69	0.80	106	0.054	2	1.54	0.010	0.08	0.3	0.02	8.5	<0.1	0.13	6	<0.5
27805	Soil	12	83	0.89	194	0.035	3	2.02	0.009	0.09	0.5	0.05	16.9	0.1	0.10	6	0.9
27806	Soil	4	45	0.42	70	0.060	<1	1.05	0.006	0.04	0.2	<0.01	3.0	<0.1	0.06	6	<0.5
27807	Soil	5	46	0.46	50	0.082	1	1.14	0.006	0.03	0.2	0.02	3.0	<0.1	0.06	6	<0.5
27808	Soil	3	47	0.46	46	0.121	1	1.13	0.009	0.04	0.5	0.02	3.2	<0.1	<0.05	10	<0.5
27809	Soil	4	41	0.19	44	0.123	1	0.85	0.005	0.03	0.2	0.01	2.0	<0.1	0.05	9	<0.5
27810	Soil	5	54	0.40	99	0.206	<1	1.16	0.006	0.05	0.1	0.02	2.1	<0.1	<0.05	13	<0.5
27811	Soil	3	68	0.74	58	0.118	2	1.74	0.007	0.05	0.2	0.04	3.8	<0.1	<0.05	8	<0.5

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	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo ppm 0.1	Cu ppm 0.1	Pb ppm 0.1	Zn ppm 1	Ag ppm 0.1	Ni ppm 0.1	Co ppm 0.1	Mn ppm 1	Fe % 0.01	As ppm 0.5	U ppm 0.1	Au ppb 0.5	Th ppm 0.1	Sr ppm 1	Cd ppm 0.1	Sb ppm 0.1	Bi ppm 0.1	V ppm 2	Ca % 0.01	P % 0.001
866311	Soil	1.4	78.1	5.0	114	0.3	37.2	26.2	1471	5.13	9.6	1.5	0.6	0.4	34	0.5	1.7	0.1	157	0.68	0.066
866312	Soil	1.2	81.4	3.5	113	0.2	42.9	24.1	628	5.33	13.2	0.5	1.7	0.5	28	0.2	3.4	0.1	167	0.32	0.058
866313	Soil	1.4	45.7	4.5	46	0.1	16.9	10.8	981	3.33	6.9	0.4	1.4	0.6	34	0.3	2.1	0.2	132	0.29	0.048
866314	Soil	1.1	25.8	4.0	24	0.1	10.0	4.0	123	2.26	5.8	0.4	1.6	0.7	18	<0.1	1.8	0.4	89	0.09	0.045
866315	Soil	2.1	73.3	4.6	64	0.4	15.5	21.5	2741	4.68	12.3	14.1	1.6	0.5	44	0.3	1.7	0.2	157	0.44	0.063
866316	Soil	2.1	34.1	4.8	42	0.2	21.4	8.5	171	3.62	15.5	0.5	2.7	0.6	23	<0.1	3.2	0.3	128	0.10	0.054
866317	Soil	2.0	29.4	4.2	42	0.2	19.8	10.0	402	4.92	9.9	0.4	9.3	1.0	19	<0.1	3.3	0.6	144	0.09	0.085
866318	Soil	2.0	50.4	4.3	70	0.3	40.2	13.5	3067	5.13	13.3	0.6	10.3	0.4	17	0.2	5.7	0.3	149	0.22	0.081
866319	Soil	2.6	30.1	5.0	37	<0.1	18.7	8.0	183	3.92	8.4	0.4	11.5	1.7	37	0.2	6.3	0.5	140	0.17	0.057
866320	Soil	2.5	29.1	2.6	61	0.2	30.6	13.5	584	5.46	9.3	0.4	10.3	1.2	26	<0.1	3.3	0.4	134	0.09	0.091
866321	Soil	4.3	20.4	6.5	36	<0.1	21.3	9.9	184	3.12	8.4	0.6	97.5	3.4	36	<0.1	1.7	1.4	107	0.20	0.043
866322	Soil	2.8	94.7	3.4	57	0.3	31.1	17.2	375	4.60	7.4	0.3	22.9	0.7	55	0.1	2.7	0.3	140	0.36	0.095
866323	Soil	2.9	7.1	6.3	11	0.2	4.6	1.4	39	1.01	2.1	0.7	27.0	1.4	37	<0.1	1.1	1.2	37	0.12	0.019
868383	Soil	0.7	42.8	3.2	63	0.1	32.7	14.0	528	4.33	23.2	0.2	4.8	0.5	73	0.2	0.7	<0.1	160	0.46	0.153
868384	Soil	0.7	21.2	3.3	56	0.6	11.6	12.7	369	4.49	6.4	0.3	1.7	0.5	71	0.2	0.4	<0.1	169	0.43	0.195
868385	Soil	0.4	25.3	2.6	63	0.2	9.7	16.3	406	4.27	6.6	0.2	1.2	0.5	84	0.1	0.3	<0.1	163	0.54	0.185
868386	Soil	0.6	32.8	2.0	66	0.1	14.0	17.3	394	4.45	6.7	0.4	1.7	0.7	84	0.1	0.3	<0.1	179	0.59	0.148
868387	Soil	1.0	40.6	3.2	65	0.3	28.6	20.3	527	3.65	15.7	0.5	2.3	0.6	87	0.2	0.5	<0.1	142	0.69	0.062
868388	Soil	0.6	43.5	2.2	86	0.5	13.8	21.5	732	5.41	7.4	0.3	1.6	0.8	67	0.1	0.4	<0.1	186	0.60	0.294
868389	Soil	0.6	95.5	1.4	85	0.2	17.1	23.3	629	5.78	7.6	0.6	4.2	1.1	84	0.2	0.4	<0.1	196	0.72	0.322
868390	Soil	0.5	20.4	2.7	58	0.1	7.7	16.0	1118	3.89	2.9	0.2	0.8	0.5	112	0.1	0.3	<0.1	157	0.57	0.196
868391	Soil	0.6	25.4	2.5	59	0.4	10.4	12.0	377	3.75	3.1	0.2	2.2	0.7	88	<0.1	0.3	<0.1	143	0.50	0.191
868392	Soil	0.6	50.8	2.5	75	0.2	9.7	18.0	460	4.97	6.8	0.3	0.7	0.6	134	0.2	0.6	<0.1	177	0.67	0.219
868393	Soil	4.5	210.5	2.0	95	0.7	20.6	26.4	4100	4.45	6.3	3.9	2.4	0.2	150	0.2	0.4	<0.1	157	1.73	0.174
868394	Soil	0.4	79.8	1.8	82	0.2	8.6	20.2	492	5.22	4.7	0.4	1.0	0.7	96	<0.1	0.3	<0.1	192	0.73	0.320
868395	Soil	0.8	21.7	3.6	62	0.2	6.1	14.0	445	4.49	3.6	0.3	<0.5	0.7	98	0.1	0.3	<0.1	175	0.54	0.245
868396	Soil	0.7	27.1	3.6	80	0.2	11.0	18.2	520	5.08	5.4	0.4	<0.5	0.9	71	<0.1	0.5	<0.1	186	0.59	0.307
870792	Soil	1.1	57.6	3.9	86	0.2	25.3	14.4	804	5.33	13.2	0.3	5.4	0.5	15	0.2	2.0	0.1	124	0.18	0.127
870793	Soil	1.0	61.3	5.1	65	0.2	8.9	9.3	273	4.99	5.1	0.1	32.1	0.5	5	<0.1	1.1	<0.1	89	0.04	0.106
870794	Soil	0.7	45.4	4.2	54	0.3	16.5	12.4	264	5.34	14.2	0.3	14.5	0.7	18	<0.1	2.1	0.2	178	0.20	0.085

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
866311	Soil	9	65	0.58	340	0.018	4	1.61	0.006	0.10	0.8	0.04	9.0	<0.1	0.08	7	0.5
866312	Soil	4	74	0.69	171	0.023	2	1.56	0.006	0.07	1.6	0.02	7.2	<0.1	<0.05	6	<0.5
866313	Soil	4	50	0.14	159	0.031	2	0.81	0.007	0.05	1.1	0.02	3.7	<0.1	<0.05	6	<0.5
866314	Soil	6	35	0.06	37	0.020	1	0.60	0.004	0.05	0.9	0.01	1.7	<0.1	<0.05	6	<0.5
866315	Soil	5	41	0.36	216	0.028	2	1.34	0.005	0.06	0.6	0.03	4.8	<0.1	0.05	7	<0.5
866316	Soil	7	64	0.13	50	0.012	1	0.73	0.004	0.06	1.4	<0.01	2.9	<0.1	<0.05	6	<0.5
866317	Soil	6	73	0.14	56	0.012	1	1.06	0.004	0.05	1.2	0.02	4.7	0.1	<0.05	7	<0.5
866318	Soil	4	93	0.11	120	0.010	3	0.69	0.003	0.07	1.8	0.05	6.6	0.1	<0.05	4	<0.5
866319	Soil	6	95	0.12	57	0.027	2	0.80	0.006	0.06	1.7	0.01	4.2	<0.1	<0.05	7	<0.5
866320	Soil	4	114	0.20	64	0.006	2	1.09	0.005	0.07	1.2	0.02	7.2	0.1	<0.05	5	<0.5
866321	Soil	10	85	0.50	53	0.051	2	1.15	0.009	0.07	0.7	0.02	3.0	<0.1	<0.05	7	<0.5
866322	Soil	2	138	0.67	65	0.049	3	1.20	0.010	0.05	0.7	0.02	6.2	<0.1	<0.05	7	<0.5
866323	Soil	15	26	0.04	45	0.023	1	0.51	0.005	0.05	0.3	0.02	0.8	0.1	<0.05	5	<0.5
868383	Soil	5	44	0.76	91	0.115	2	1.52	0.012	0.09	0.2	0.02	3.7	<0.1	<0.05	9	<0.5
868384	Soil	4	27	0.71	52	0.136	2	1.50	0.013	0.07	0.2	0.02	3.1	<0.1	<0.05	9	<0.5
868385	Soil	4	18	0.95	41	0.159	1	1.73	0.014	0.09	0.2	0.02	3.0	<0.1	<0.05	10	<0.5
868386	Soil	5	24	0.97	75	0.155	2	1.72	0.015	0.11	0.2	0.01	3.6	<0.1	<0.05	9	<0.5
868387	Soil	5	36	0.77	132	0.149	2	1.55	0.015	0.07	0.2	0.02	2.9	<0.1	<0.05	7	<0.5
868388	Soil	5	30	1.21	55	0.144	2	2.16	0.015	0.11	0.3	0.03	3.6	<0.1	<0.05	9	<0.5
868389	Soil	6	32	1.54	35	0.132	2	2.50	0.013	0.14	0.3	0.04	3.5	<0.1	<0.05	8	<0.5
868390	Soil	3	20	0.84	38	0.198	2	1.71	0.016	0.10	0.3	0.02	3.1	<0.1	<0.05	11	<0.5
868391	Soil	4	25	0.77	27	0.168	2	1.78	0.016	0.07	0.3	0.03	2.8	<0.1	<0.05	9	<0.5
868392	Soil	5	21	1.09	44	0.158	2	2.17	0.014	0.08	0.3	0.02	3.9	<0.1	<0.05	8	<0.5
868393	Soil	8	27	1.22	177	0.092	7	1.99	0.019	0.11	0.2	0.06	5.1	<0.1	0.07	6	1.1
868394	Soil	5	18	1.21	51	0.153	2	2.11	0.014	0.12	0.2	0.02	3.4	<0.1	<0.05	9	<0.5
868395	Soil	4	14	0.87	51	0.207	2	1.95	0.014	0.09	0.3	0.02	3.0	<0.1	<0.05	10	<0.5
868396	Soil	6	25	1.11	47	0.177	2	2.32	0.012	0.08	0.3	0.04	3.6	<0.1	<0.05	10	<0.5
870792	Soil	4	51	0.53	63	0.034	4	1.36	0.011	0.05	0.6	0.03	5.4	<0.1	<0.05	5	<0.5
870793	Soil	5	18	0.07	44	0.011	5	0.76	0.010	0.05	0.4	0.03	4.7	<0.1	<0.05	4	1.0
870794	Soil	3	48	0.47	68	0.039	3	1.71	0.008	0.04	0.7	0.02	5.2	<0.1	<0.05	9	<0.5

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	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
870795	Soil	1.2	40.5	4.4	62	0.5	17.7	12.7	370	5.44	10.2	0.3	1.4	0.6	17	0.1	2.0	0.1	181	0.15	0.146
870796	Soil	1.1	199.7	2.5	114	0.2	20.2	32.8	801	6.96	10.5	0.4	<0.5	0.9	67	<0.1	0.8	<0.1	228	0.65	0.355
870797	Soil	0.7	50.7	3.4	74	0.3	33.2	20.8	547	4.68	4.6	0.2	<0.5	0.5	92	0.2	0.6	<0.1	144	0.60	0.160
870798	Soil	0.5	48.3	2.1	86	0.5	66.1	26.6	475	5.13	3.1	<0.1	<0.5	0.3	88	<0.1	0.1	<0.1	181	0.55	0.153
870799	Soil	2.4	29.3	4.4	32	0.3	9.8	8.6	258	4.58	4.2	0.2	<0.5	0.5	72	0.1	0.7	<0.1	154	0.34	0.060
871899	Soil	0.6	111.7	2.0	157	0.3	11.3	35.0	1354	7.68	2.9	0.9	<0.5	1.7	70	0.1	0.2	<0.1	305	0.93	0.429
872149	Soil	1.1	29.9	3.9	67	0.5	16.3	10.9	491	4.98	11.5	0.3	<0.5	0.6	22	0.1	1.4	0.2	133	0.16	0.157
872271	Soil	0.9	64.8	2.9	80	0.3	10.1	19.8	551	4.90	5.6	0.4	<0.5	0.9	103	0.1	0.6	<0.1	187	0.72	0.211
872272	Soil	1.0	43.1	3.1	74	0.2	8.6	16.8	402	5.58	4.8	0.3	12.3	0.8	75	<0.1	0.6	<0.1	213	0.50	0.219
872273	Soil	1.1	59.8	3.1	94	0.2	18.9	18.1	425	6.09	10.8	0.4	5.9	1.0	38	0.1	1.1	<0.1	158	0.28	0.153
872274	Soil	0.9	15.0	4.6	23	0.4	5.6	3.2	149	2.02	3.6	0.4	0.5	0.8	26	<0.1	1.0	0.1	76	0.18	0.067

CERTIFICATE OF ANALYSIS

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
870795	Soil	4	48	0.43	57	0.051	3	1.63	0.010	0.06	0.5	0.03	6.0	<0.1	<0.05	8	<0.5
870796	Soil	7	33	1.86	56	0.134	3	3.28	0.008	0.25	0.4	0.02	7.0	<0.1	<0.05	9	<0.5
870797	Soil	4	128	1.14	72	0.117	3	1.78	0.009	0.21	0.2	0.02	3.2	<0.1	<0.05	8	<0.5
870798	Soil	2	248	2.02	65	0.140	3	2.58	0.011	0.29	0.1	0.02	1.8	<0.1	<0.05	8	<0.5
870799	Soil	3	63	0.34	38	0.140	2	1.08	0.007	0.07	0.2	0.02	2.9	<0.1	<0.05	7	<0.5
871899	Soil	13	18	1.95	104	0.181	3	3.00	0.011	0.32	0.1	0.02	7.5	<0.1	<0.05	12	<0.5
872149	Soil	4	55	0.35	42	0.089	3	1.03	0.007	0.07	0.4	0.03	4.2	<0.1	<0.05	7	<0.5
872271	Soil	5	23	1.23	55	0.195	2	2.12	0.014	0.15	0.3	0.03	5.0	<0.1	<0.05	9	<0.5
872272	Soil	5	21	1.13	48	0.170	1	2.16	0.014	0.10	0.2	0.03	5.9	<0.1	<0.05	10	<0.5
872273	Soil	5	54	0.88	50	0.101	2	2.45	0.011	0.08	0.4	0.04	5.4	<0.1	<0.05	8	<0.5
872274	Soil	5	32	0.10	40	0.073	3	0.95	0.010	0.04	0.5	0.03	2.6	<0.1	<0.05	4	<0.5

QUALITY CONTROL REPORT

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Method Analyte Unit MDL		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01
Pulp Duplicates																				
11084	Soil	0.6	47.9	3.3	82	0.3	13.5	19.9	555	4.56	6.4	0.4	1.1	0.7	65	0.5	0.5	<0.1	150	0.61
REP 11084	QC	0.5	47.9	3.1	80	0.4	13.3	19.6	548	4.57	6.2	0.4	2.3	0.6	57	0.4	0.5	<0.1	148	0.54
11108	Soil	1.8	34.9	6.3	70	<0.1	40.8	14.8	444	6.30	32.6	0.4	8.6	0.9	37	0.3	2.5	0.2	175	0.30
REP 11108	QC	1.7	35.0	5.9	70	<0.1	39.6	14.9	445	6.34	32.8	0.4	6.6	0.9	38	0.3	2.3	0.2	167	0.29
11122	Soil	1.3	82.6	4.1	81	0.3	15.9	15.5	484	4.71	18.4	0.4	4.7	0.6	59	0.2	2.5	<0.1	150	0.42
REP 11122	QC	1.3	82.4	3.8	80	0.3	15.9	15.2	474	4.70	18.2	0.4	4.4	0.6	49	0.2	2.6	<0.1	146	0.39
11137	Soil	1.9	28.2	5.3	71	<0.1	34.7	12.5	290	5.24	30.5	0.3	0.9	0.7	34	0.2	3.2	0.1	154	0.29
REP 11137	QC	1.8	29.2	5.4	74	0.1	36.8	12.7	299	5.49	31.2	0.3	<0.5	0.7	44	0.2	2.9	0.2	163	0.33
13941	Soil	0.8	43.2	4.1	99	0.3	35.5	20.7	392	4.35	24.8	0.5	1.2	0.9	41	0.1	0.9	0.1	131	0.34
REP 13941	QC	0.8	43.0	4.4	99	0.3	35.6	20.8	400	4.36	24.9	0.5	1.7	0.9	42	0.2	0.9	0.1	132	0.36
13959	Soil	1.3	58.2	4.5	73	<0.1	25.6	12.5	269	4.47	57.0	0.4	4.1	0.6	27	0.2	2.2	<0.1	134	0.20
REP 13959	QC	1.3	60.2	4.6	76	<0.1	27.6	13.3	266	4.69	59.5	0.4	2.1	0.6	30	0.2	2.3	0.1	142	0.22
13986	Soil	1.5	249.0	2.7	135	0.3	23.9	33.6	2208	5.91	5.8	1.2	2.7	1.0	115	0.3	0.4	0.1	205	1.18
REP 13986	QC	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
13993	Soil	0.7	40.1	3.6	61	0.2	19.1	13.7	452	4.19	8.6	0.2	1.1	0.6	63	0.2	1.2	<0.1	135	0.35
REP 13993	QC	0.7	39.5	3.6	60	0.2	19.1	13.4	456	4.17	8.6	0.3	1.5	0.7	60	0.2	1.1	<0.1	137	0.36
14010	Soil	1.0	62.2	3.1	73	0.2	17.3	18.8	494	4.60	17.6	0.4	2.5	0.6	75	0.1	0.7	<0.1	170	0.75
REP 14010	QC	1.0	64.3	3.3	76	0.2	17.4	18.7	502	4.67	17.9	0.4	3.1	0.6	78	0.1	0.7	<0.1	175	0.77
14037	Soil	1.7	48.7	10.4	148	0.5	66.1	16.7	384	5.25	90.5	0.3	3.9	0.9	25	0.3	2.5	0.1	122	0.27
REP 14037	QC	1.5	48.2	11.2	149	0.5	67.9	17.3	395	5.23	92.3	0.3	3.1	0.8	26	0.2	2.4	0.1	119	0.27
14061	Soil	1.1	82.7	3.9	126	0.1	40.6	25.8	466	6.31	27.7	0.4	1.3	0.8	30	0.2	1.5	<0.1	193	0.28
REP 14061	QC	1.1	82.4	4.3	127	0.1	41.9	26.0	482	6.37	28.1	0.4	2.2	0.8	31	0.2	1.6	<0.1	194	0.28
14077	Soil	0.7	53.3	2.6	82	0.2	25.3	24.1	491	5.84	9.4	0.4	2.5	0.9	69	0.2	0.5	<0.1	206	0.60
REP 14077	QC	0.7	53.5	2.7	81	0.2	25.5	23.8	500	5.91	9.8	0.4	2.7	0.8	71	0.1	0.4	<0.1	210	0.61
14083	Soil	0.6	20.0	4.4	51	0.2	12.5	9.9	231	3.33	3.1	0.2	<0.5	0.4	55	<0.1	0.3	<0.1	112	0.31
REP 14083	QC	0.6	19.7	4.4	50	0.2	12.2	10.1	226	3.25	2.7	0.2	<0.5	0.4	52	<0.1	0.3	<0.1	112	0.30
27504	Soil	0.9	95.2	3.8	83	0.2	34.0	21.4	385	5.67	18.3	0.4	1.3	0.9	33	0.2	2.5	<0.1	188	0.29
REP 27504	QC	0.9	97.5	3.7	89	0.2	37.8	22.3	426	5.99	19.0	0.4	2.2	1.0	38	<0.1	2.8	<0.1	199	0.33

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Method Analyte Unit MDL		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Ti ppm	S %	Ga ppm	Se ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
Pulp Duplicates																	
11084	Soil	5	32	1.08	55	0.137	2	1.82	0.013	0.21	0.4	0.02	3.1	<0.1	<0.05	9	<0.5
REP 11084	QC	4	30	1.10	57	0.126	2	1.77	0.013	0.20	0.4	0.02	2.9	<0.1	<0.05	9	<0.5
11108	Soil	3	94	0.74	62	0.094	2	1.78	0.008	0.07	0.5	0.03	4.7	<0.1	<0.05	10	<0.5
REP 11108	QC	3	94	0.74	61	0.095	2	1.81	0.013	0.07	0.4	0.03	4.6	<0.1	<0.05	10	<0.5
11122	Soil	5	32	0.82	112	0.081	3	1.65	0.011	0.09	0.5	0.01	4.9	<0.1	<0.05	8	<0.5
REP 11122	QC	5	31	0.83	109	0.072	3	1.60	0.010	0.08	0.5	0.02	4.5	<0.1	<0.05	7	<0.5
11137	Soil	3	104	0.49	135	0.077	2	1.39	0.010	0.04	0.5	<0.01	4.5	<0.1	<0.05	8	<0.5
REP 11137	QC	4	109	0.52	141	0.093	1	1.49	0.008	0.04	0.5	<0.01	5.1	<0.1	<0.05	9	<0.5
13941	Soil	4	57	0.89	87	0.111	2	2.05	0.014	0.08	0.3	0.02	3.7	<0.1	<0.05	8	<0.5
REP 13941	QC	4	57	0.90	88	0.108	2	2.11	0.014	0.08	0.3	0.02	3.9	<0.1	<0.05	8	<0.5
13959	Soil	4	42	0.35	87	0.047	2	1.18	0.009	0.10	0.5	0.01	4.6	0.1	<0.05	7	<0.5
REP 13959	QC	4	46	0.35	83	0.064	2	1.21	0.009	0.11	0.6	<0.01	4.8	0.1	<0.05	7	<0.5
13986	Soil	9	46	1.79	76	0.174	3	2.43	0.023	0.27	0.3	0.03	10.4	<0.1	<0.05	9	<0.5
REP 13986	QC	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
13993	Soil	4	55	0.77	56	0.100	2	1.66	0.014	0.08	0.3	0.01	3.8	<0.1	<0.05	8	<0.5
REP 13993	QC	4	56	0.77	55	0.101	2	1.65	0.012	0.08	0.3	0.01	3.8	<0.1	<0.05	8	<0.5
14010	Soil	5	31	1.04	106	0.154	2	1.82	0.015	0.14	0.4	0.05	4.5	<0.1	<0.05	9	<0.5
REP 14010	QC	5	31	1.05	111	0.156	3	1.84	0.015	0.15	0.3	0.05	4.5	<0.1	<0.05	9	<0.5
14037	Soil	4	118	0.52	79	0.050	9	1.98	0.016	0.10	0.8	0.06	6.2	0.2	<0.05	7	<0.5
REP 14037	QC	4	116	0.53	77	0.049	7	2.02	0.017	0.10	1.1	0.07	6.3	0.1	<0.05	8	<0.5
14061	Soil	3	82	0.93	92	0.089	2	2.27	0.008	0.08	0.5	0.03	6.5	<0.1	<0.05	8	<0.5
REP 14061	QC	3	84	0.96	97	0.093	3	2.31	0.013	0.08	0.5	0.03	6.6	<0.1	<0.05	8	<0.5
14077	Soil	5	65	1.38	66	0.141	2	2.38	0.014	0.12	0.4	0.02	4.0	<0.1	<0.05	9	<0.5
REP 14077	QC	5	65	1.38	67	0.143	2	2.40	0.014	0.12	0.3	0.02	3.9	<0.1	<0.05	9	<0.5
14083	Soil	3	46	0.57	44	0.141	1	1.24	0.012	0.06	0.2	0.02	2.2	<0.1	<0.05	8	<0.5
REP 14083	QC	3	45	0.57	42	0.134	<1	1.22	0.010	0.06	0.3	0.02	2.1	<0.1	<0.05	8	<0.5
27504	Soil	4	77	0.93	71	0.131	2	1.96	0.011	0.09	0.7	0.02	6.9	<0.1	<0.05	9	<0.5
REP 27504	QC	4	81	0.98	72	0.146	3	2.10	0.013	0.10	0.7	0.03	7.6	<0.1	0.06	9	<0.5

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		1DX15 Mo ppm 0.1	1DX15 Cu ppm 0.1	1DX15 Pb ppm 0.1	1DX15 Zn ppm 1	1DX15 Ag ppm 0.1	1DX15 Ni ppm 0.1	1DX15 Co ppm 0.1	1DX15 Mn ppm 1	1DX15 Fe % 0.01	1DX15 As ppm 0.5	1DX15 U ppm 0.1	1DX15 Au ppb 0.5	1DX15 Th ppm 0.1	1DX15 Sr ppm 1	1DX15 Cd ppm 0.1	1DX15 Sb ppm 0.1	1DX15 Bi ppm 0.1	1DX15 V ppm 2	1DX15 Ca % 0.01	1DX15 P % 0.001
27572	Soil	3.6	789.1	3.9	71	0.6	23.3	32.6	1992	6.17	14.9	3.2	6.4	1.0	87	0.2	0.6	<0.1	248	0.64	0.132
REP 27572	QC	3.6	764.6	3.7	72	0.5	21.7	30.9	1845	6.12	14.2	3.1	6.3	0.9	85	0.2	0.6	<0.1	238	0.65	0.131
27574	Soil	0.5	147.7	1.4	101	<0.1	30.2	35.4	621	5.91	4.6	0.4	1.4	0.9	78	<0.1	0.2	<0.1	208	0.93	0.260
REP 27574	QC	0.6	149.5	1.4	101	<0.1	31.2	36.0	620	5.91	4.6	0.4	2.4	0.8	77	0.1	0.2	<0.1	210	0.90	0.258
27772	Soil	2.3	28.1	5.4	34	0.2	12.5	7.5	209	4.09	8.1	0.3	<0.5	0.6	50	0.1	2.2	0.2	156	0.21	0.051
REP 27772	QC	2.2	27.2	5.3	32	0.3	11.9	7.3	205	3.95	7.9	0.3	0.7	0.7	53	0.1	2.2	0.2	154	0.22	0.050
27795	Soil	2.2	51.0	4.3	79	0.2	130.6	25.4	454	5.58	204.1	0.3	0.7	0.7	47	0.2	3.0	0.1	160	0.31	0.100
REP 27795	QC	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
27809	Soil	1.2	15.2	5.8	31	0.1	19.2	5.7	174	3.21	24.1	0.2	1.8	0.8	17	<0.1	1.6	0.2	148	0.12	0.038
REP 27809	QC	1.2	15.3	5.8	29	0.1	19.4	6.2	166	3.14	24.0	0.2	2.3	0.8	15	<0.1	1.6	0.1	143	0.11	0.036
868388	Soil	0.6	43.5	2.2	86	0.5	13.8	21.5	732	5.41	7.4	0.3	1.6	0.8	67	0.1	0.4	<0.1	186	0.60	0.294
REP 868388	QC	0.7	43.3	2.0	89	0.4	14.1	20.6	754	5.46	7.5	0.4	3.3	0.8	71	0.1	0.5	<0.1	188	0.58	0.282
872274	Soil	0.9	15.0	4.6	23	0.4	5.6	3.2	149	2.02	3.6	0.4	0.5	0.8	26	<0.1	1.0	0.1	76	0.18	0.067
REP 872274	QC	0.8	15.2	4.5	23	0.4	6.2	3.5	159	2.09	4.0	0.3	3.3	0.7	26	<0.1	1.2	0.2	77	0.16	0.072
Reference Materials																					
STD DS7	Standard	20.6	111.8	66.6	402	0.8	55.3	9.7	629	2.41	56.8	5.0	71.9	4.5	74	6.6	6.2	4.4	88	1.01	0.081
STD DS7	Standard	21.1	111.8	69.0	409	0.9	56.4	9.3	613	2.37	55.3	5.1	73.6	4.6	67	6.5	6.3	4.8	83	0.94	0.083
STD DS7	Standard	19.0	107.7	68.4	390	0.8	55.1	9.3	593	2.30	52.8	4.8	60.5	4.1	63	6.3	5.8	4.2	84	0.90	0.080
STD DS7	Standard	21.1	113.4	67.0	404	0.8	56.7	9.9	627	2.38	54.5	5.3	62.8	4.6	74	6.8	6.4	4.7	84	0.96	0.081
STD DS7	Standard	19.9	108.1	71.5	388	0.8	54.2	9.5	596	2.28	53.8	4.8	65.5	4.4	66	6.0	6.0	4.3	83	0.90	0.078
STD DS7	Standard	20.3	114.0	73.2	404	0.8	59.9	9.7	619	2.37	52.4	5.1	71.1	4.4	66	6.6	6.0	4.5	85	0.92	0.080
STD DS7	Standard	20.1	111.2	64.1	394	0.9	56.5	9.5	595	2.31	48.5	4.8	67.8	4.0	66	6.5	6.4	4.3	86	0.91	0.075
STD DS7	Standard	17.4	98.0	60.1	354	0.7	49.2	7.8	532	2.03	46.4	4.1	67.4	3.7	60	5.5	5.3	3.8	76	0.83	0.071
STD DS7	Standard	20.7	109.3	72.2	394	0.8	56.6	9.6	643	2.41	50.6	5.3	70.0	4.9	74	6.6	6.3	4.6	93	1.01	0.076
STD DS7	Standard	21.1	114.2	67.6	415	0.9	59.0	10.2	653	2.54	54.1	5.0	69.5	4.4	76	6.8	6.5	4.7	84	1.00	0.083
STD DS7	Standard	21.2	112.5	68.5	415	0.9	57.0	9.4	638	2.40	51.4	5.1	68.9	4.6	75	6.2	6.1	4.4	87	1.02	0.080
STD DS7 Expected		20.9	109	70.6	411	0.9	56	9.7	627	2.39	48.2	4.9	70	4.4	69	6.4	5.9	4.5	86	0.93	0.08
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

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		1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Ti ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5
27572	Soil	16	55	1.35	77	0.077	3	2.60	0.009	0.10	0.4	0.08	15.3	<0.1	<0.05	9	1.1
REP 27572	QC	14	53	1.33	72	0.083	2	2.54	0.009	0.10	0.4	0.07	14.3	<0.1	<0.05	9	0.6
27574	Soil	5	103	1.98	37	0.160	1	2.54	0.009	0.21	0.3	0.02	3.0	<0.1	<0.05	8	<0.5
REP 27574	QC	5	104	1.97	37	0.149	2	2.60	0.009	0.21	0.3	<0.01	3.0	<0.1	<0.05	8	<0.5
27772	Soil	4	43	0.14	58	0.089	3	0.98	0.007	0.07	1.5	0.02	2.9	<0.1	<0.05	8	<0.5
REP 27772	QC	4	43	0.14	58	0.088	3	0.96	0.007	0.07	1.3	0.01	2.9	<0.1	<0.05	8	<0.5
27795	Soil	4	182	0.77	106	0.086	4	1.51	0.009	0.11	1.1	0.03	5.1	<0.1	<0.05	8	<0.5
REP 27795	QC	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
27809	Soil	4	41	0.19	44	0.123	1	0.85	0.005	0.03	0.2	0.01	2.0	<0.1	0.05	9	<0.5
REP 27809	QC	4	40	0.18	44	0.119	<1	0.83	0.005	0.03	0.1	0.01	1.9	<0.1	<0.05	9	<0.5
868388	Soil	5	30	1.21	55	0.144	2	2.16	0.015	0.11	0.3	0.03	3.6	<0.1	<0.05	9	<0.5
REP 868388	QC	5	29	1.21	56	0.143	2	2.10	0.013	0.12	0.3	0.03	3.7	<0.1	<0.05	9	<0.5
872274	Soil	5	32	0.10	40	0.073	3	0.95	0.010	0.04	0.5	0.03	2.6	<0.1	<0.05	4	<0.5
REP 872274	QC	5	35	0.10	38	0.078	4	1.01	0.009	0.04	0.4	0.03	2.9	<0.1	<0.05	5	<0.5
Reference Materials																	
STD DS7	Standard	14	176	1.06	381	0.118	40	1.03	0.090	0.44	4.6	0.21	2.5	4.5	0.19	5	3.9
STD DS7	Standard	12	170	1.05	378	0.111	44	0.97	0.086	0.44	4.2	0.20	2.3	4.4	0.20	5	3.5
STD DS7	Standard	11	161	0.99	353	0.104	40	0.93	0.078	0.42	4.2	0.20	2.1	4.2	0.20	4	3.7
STD DS7	Standard	14	176	1.05	380	0.114	40	1.02	0.089	0.45	4.2	0.22	2.6	4.8	0.19	5	3.8
STD DS7	Standard	12	162	0.99	369	0.106	39	0.94	0.083	0.41	4.1	0.20	2.3	4.1	0.19	4	3.9
STD DS7	Standard	12	169	1.03	360	0.110	39	0.95	0.082	0.40	4.2	0.21	2.2	4.4	0.20	4	3.5
STD DS7	Standard	12	176	1.00	359	0.109	37	0.95	0.082	0.41	4.2	0.21	2.3	4.0	0.19	5	4.0
STD DS7	Standard	11	149	0.89	320	0.097	36	0.84	0.074	0.39	3.4	0.19	1.9	3.8	0.22	4	3.5
STD DS7	Standard	14	190	1.01	380	0.131	39	1.00	0.094	0.44	4.0	0.20	3.2	4.2	0.19	5	3.1
STD DS7	Standard	13	187	1.08	392	0.116	42	1.05	0.087	0.44	4.4	0.21	2.5	4.4	0.21	5	3.2
STD DS7	Standard	14	181	1.09	397	0.119	40	1.07	0.093	0.44	4.2	0.20	2.6	4.6	0.21	5	4.0
STD DS7 Expected		13	163	1.05	370	0.124	39	0.959	0.073	0.44	3.8	0.2	2.5	4.2	0.21	5	3.5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5

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		1DX15 Mo ppm 0.1	1DX15 Cu ppm 0.1	1DX15 Pb ppm 0.1	1DX15 Zn ppm 1	1DX15 Ag ppm 0.1	1DX15 Ni ppm 0.1	1DX15 Co ppm 0.1	1DX15 Mn ppm 1	1DX15 Fe % 0.01	1DX15 As ppm 0.5	1DX15 U ppm 0.1	1DX15 Au ppb 0.5	1DX15 Th ppm 0.1	1DX15 Sr ppm 1	1DX15 Cd ppm 0.1	1DX15 Sb ppm 0.1	1DX15 Bi ppm 0.1	1DX15 V ppm 2	1DX15 Ca % 0.01	1DX15 P % 0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

QUALITY CONTROL REPORT

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		1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Ti ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5

