

ASSESSMENT REPORT, 2011 GEOCHEMICAL SAMPLING PROGRAM

BRUIN CREEK PROPERTY

DAWSON MINING DISTRICT, YUKON, CANADA

NTS MAP SHEET: 116C/01, 116C/02, 116C/07 AND 116C/08, NAD83 ZONE 7

519900 E, 7124700 N (NAD83)

CLAIMS AND OWNER:

Claim Name	Number	Grant Number	Registered Owner
TYA	1 - 80	YD134921 - YD135000	Golden Predator Canada Corp. - 100%
TYA	81 - 220	YD140501 - YD140640	Golden Predator Canada Corp. - 100%

PERIOD OF WORK: AUGUST 23 AND 24, 2011

OPERATOR:

GOLDEN PREDATOR CANADA CORP.

11th Floor, 888 Dunsmuir St.

Vancouver, V6C3K4

May 1, 2012

Prepared by:

Erin O'Brien, M.Sc., P.Geo.

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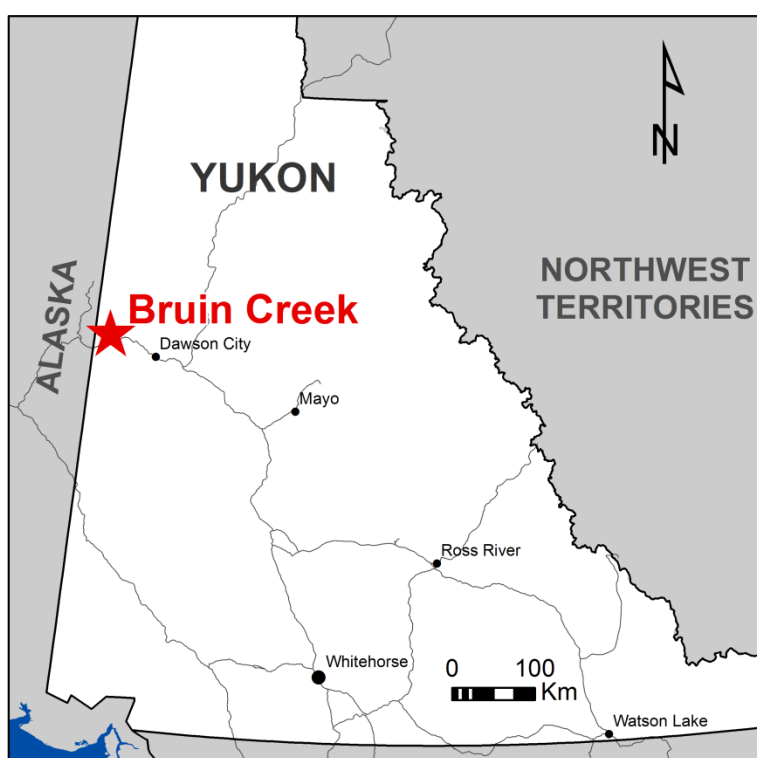


1.0 INTRODUCTION

The property consists of 220 contiguous mineral claims covering an area of approximately 45.66 km², located in the Klondike Plateau, northwestern Yukon. Golden Predator Canada Corp. (Golden Predator) has a 100% undivided interest in the property and is targeting structurally hosted gold deposits.

This report describes a two day, 289 sample, soil program covering ten ridge and spur and contours traverses.

2.0 PROPERTY LOCATION AND DESCRIPTION

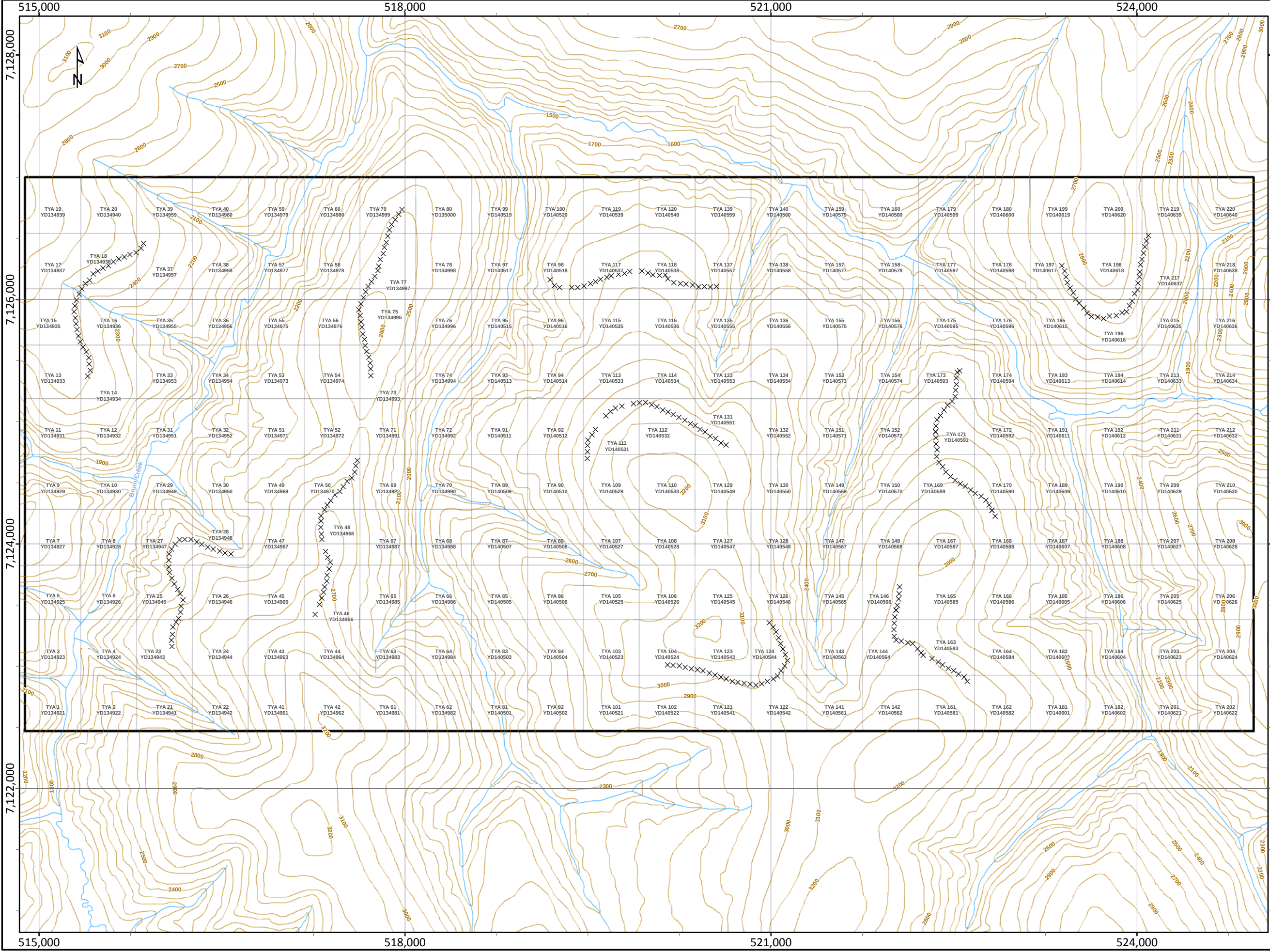


The property is situated in the Klondike Plateau, northwestern Yukon. It is located approximately 60 km northwest of Dawson City, YT (Figure 2-1). It is accessed by 15 minute helicopter trip from Dawson City. The property is located in the Dawson Mining District, and consists of 220 contiguous mineral claims covering an aggregate area of 45.66 km² (Table 2-1, Figure 2-2).

Figure 2-1. Bruin Creek Property Location, Yukon Territory

Table 2-1. Bruin Creek claim information

Claim Name	Number	Grant Number	Registered Owner	Expiry Date
TYA	1 - 80	YD134921 - YD135000	Golden Predator Canada Corp. - 100%	04/04/2013
TYA	81 - 220	YD140501 - YD140640	Golden Predator Canada Corp. - 100%	04/04/2013



Legend

- GPD Property Outline
- Quartz Claim
- Watercourse
- Elevation (100 feet)
- Soil Sample Locations



Bruin Creek, Forty Mile

Claim Map with Soil Sample Locations

Scale:	1:30,000	Map ID:	--
Draw Date:	2012/04/10	Rev. Date:	--
Version:	1	Figure:	2-2
Author:	E. O'Brien	Office:	Vancouver
Location: 60 km NW of Dawson City, Yukon Territory			
Projection: NAD 1983 UTM Zone 7N			
Filename: BUC 20120410 ClaimMap			

3.0 INFRASTRUCTURE, CLIMATE AND PHYSIOGRAPHY

The centre of the property is located at 519900 E, 7124700 N (NAD83, zone 7) on NTS map sheets 116C/02, 116C/02, 116C/07 and 116C/08. The nearest settlement is Dawson City, which is located approximately 60 km to the southeast via helicopter.

The property lies within the Klondike Plateau ecoregion and has a continental climate. The mean annual temperature in this ecoregion is approximately -5.5°C, with a summer mean of 10.5°C and a winter mean of -23°C. Mean annual precipitation ranges 300-450 mm. (<http://ecozones.ca/english/region/172.html>).

The property lies within the unglaciated Klondike Plateau, which is characterized by smooth, unglaciated low rolling hills dissected by moderate to deeply incised stream valleys. Elevations on the property range from 488 m (1600') to 975 m (3200'). Forty Mile River, a prominent placer, lies approximately 10 km to the north.

Natural bedrock exposures are rare, and are generally restricted to steep slopes. Overburden and regolith material are approximately 1.0 metre in thickness but are deeper in valley bottoms. South facing slopes are generally snow free from early May, with frost leaving the ground by the middle to end of May. North facing slopes are generally free of snow by mid to end of May, with permafrost often remaining year-round. The property is below tree line. Vegetation in the warmer boreal sections consists of open black and white spruce forests with aspen and occasionally lodgepole pine. Black spruce and birch prevail on slopes underlain by permafrost. Balsam poplar occurs along floodplains (<http://ecozones.ca/english/region/172.html>).

4.0 EXPLORATION HISTORY

The Bruin Creek property is located in the historical Klondike region northeast of Dawson City. There has been significant placer mining activity in the area, but little historical hard rock exploration work has been completed. A table summarising the metal mineral occurrences and anomalies in the area (~25 km radius) is presented in Table 4-1.

Table 4-1. Minfile Occurrences in the Area

Minfile Name	Minfile ID	Description
Mickey (north and south)	116C 116	Sedimentary exhalative (sedex) Zn-Pb-Ag drilled prospect
Mort	116C 168	Kuroko massive sulphide Cu-Pb-Zn showing
Clip	116C 115	Sedex Zn-Pb-Ag drilled prospect
Top of the World (west and east)	116C 124	Kuroko massive sulphide Cu-Pb-Zn prospect
Pub	116C 112	Kuroko massive sulphide Cu-Pb-Zn mineral showing
Cholach	116C 135	polymetallic veins Ag-Pb-Zn+/-Au showing
Glasmacher	116C 153	Au-quartz veins showing
Baldy	116C 133	Besshi massive sulphide Cu-Zn showing
Miller	116C 119	Polymetallic veins Ag-Pb-Zn+/-Au showing

Minfile Name	Minfile ID	Description
Bedrock	115N 123	Au-quartz veins showing
Per	115N 141	Polymetallic veins Ag-Pb-Zn+/-Au drilled prospect
Swede	11C 143	Porphyry Mo (low F-type)
Alaska	116C 020	Plutonic-related Au anomaly
Little Gold	116C 166	Au-quartz veins prospect
Cedar	116C 146	Au-quartz veins anomaly

Golden Predator has four properties in the area: Bruin Creek, California Creek, Swede Dome, and Browns Creek, and in 2011, Golden Predator signed an agreement to obtain 100% interest in DOW and MOO properties from prospector Bernard Kreft. Soil and/or silt geochemical campaigns were completed on each of these properties in 2011.

5.0 GEOLOGY

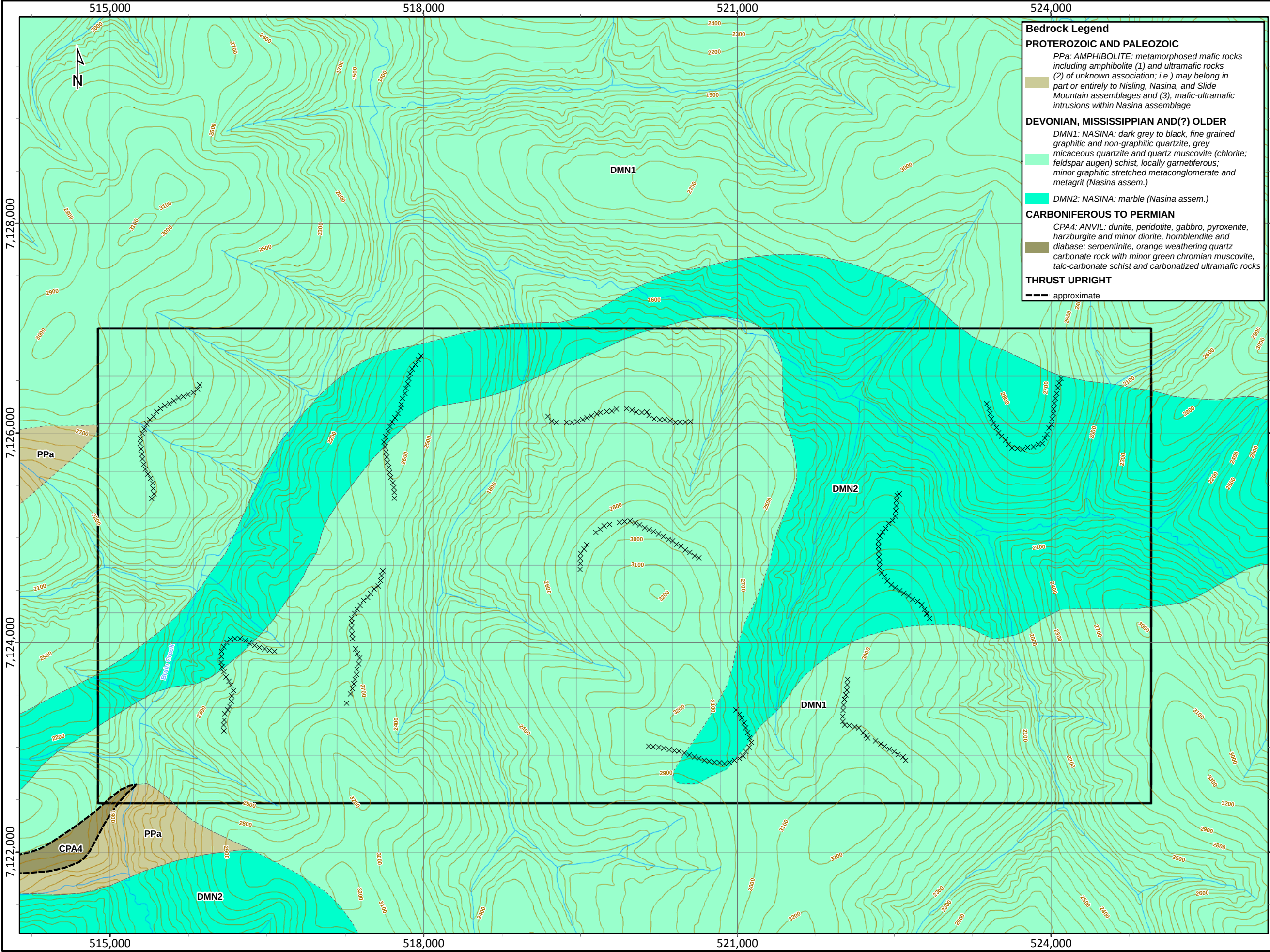
5.1 Regional Geology

The Bruin Creek property is located on the southwest side of the Tintina Trench within the Tintina Gold Belt, a metallogenic region extending from the Yukon into Alaska which hosts several intrusion-related gold deposits including Dublin Gulch, Brewery Creek and Fort Knox. Gold deposits that are spatially and temporally associated with the mid-Cretaceous plutonic suite intrusions, and in the Yukon, form the Tombstone Gold Belt (Goldfarb et al., 2000). The property covers greenschist to lower amphibolite metamorphic facies the northwestern portion of the Yukon-Tanana Terrain.

Regional scale government mapping indicates the majority of the property is underlain by Nasina Devonian-Mississippian meta-quartzites, quartz-muscovite chlorite schist and marbles. The major lithological units in at Bruin Creek area are described in Table 5-1 and their distribution is shown on Figure 5-1 (after Gordey and Makepeace, 2001). No detailed property mapping has been completed at Bruin Creek.

Table 5-1. Regional Lithological units (after Gordey and Makepeace, 2001)

Name	Age	Unit	Description
Nasina	Devonian, Mississippian and(?) older	DMN1	Dark grey to black, fine grained graphitic and non-graphitic quartzite, grey micaceous quartzite and quartz muscovite (chlorite; feldspar augen) schist, locally garnetiferous; minor graphitic stretched metaconglomerate and metagrit (Nasina assemblage)
		DMN2	Marble



Bedrock Legend

PROTEROZOIC AND PALEOZOIC
PPa: AMPHIBOLITE: metamorphosed mafic rocks including amphibolite (1) and ultramafic rocks (2) of unknown association; i.e.) may belong in part or entirely to Nisling, Nasina, and Slide Mountain assemblages and (3), mafic-ultramafic intrusions within Nasina assemblage

DEVONIAN, MISSISSIPPIAN AND(?) OLDER
DMN1: NASINA: dark grey to black, fine grained graphitic and non-graphitic quartzite, grey micaceous quartzite and quartz muscovite (chlorite; feldspar augen) schist, locally garnetiferous; minor graphitic stretched metaconglomerate and metagrit (Nasina assem.)
DMN2: NASINA: marble (Nasina assem.)

CARBONIFEROUS TO PERMIAN
CPA4: ANVIL: dunite, peridotite, gabbro, pyroxenite, harzburgite and minor diorite, hornblende and diabase; serpentinite, orange weathering quartz carbonate rock with minor green chromian muscovite, talc-carbonate schist and carbonatized ultramafic rocks

THRUST UPRIGHT
--- approximate



Legend

- ◇ GPD Property Outline
- ◇ Quartz Claim
- ~ Watercourse
- ~ Elevation (100 feet)
- x Soil Sample Locations



Bruin Creek, Forty Mile

Regional Geology with
Soil Sample Locations

0 0.4 0.8 1.2 1.6 Kilometers			
Scale:	1:35,000	Map ID:	--
Draw Date:	2012/04/10	Rev. Date:	--
Version:	1	Figure:	5-1
Author:	E. O'Brien	Office:	Vancouver
Location: 60 km NW of Dawson City, Yukon Territory			
Projection: NAD 1983 UTM Zone 7N			
Filename: BUC 20120410 Bedrock			

6.0 EXPLORATION

6.1 Exploration Program

Ten man days were spent on the property on August 23rd and 24th, 2011. A total of 289 soil samples were collected. Sample stations were established at 50 spacing on traverse lines. No samples were collected at five stations as no suitable material was found.

6.2 Sampling Methodology and Protocols

Most samples were collected at > 0.4 m depth using hand-held Dutch augers except where soils were very shallow or sparse, such as in boulder fields. Mattocks were employed in areas with thin overburden cover. At each sample station, sample descriptions, UTM co-ordinates and photographs were recorded (sample locations are reported in Appendix 2). Location and observational data were recorded when no sample was collected due to ground conditions (i.e., permafrost or boulder field with insufficient fines).

Soil sample descriptions were recorded on waterproof paper with the following information: geographic location, relief, vegetation, depth of sample, soil horizon, sample color, soil texture and moisture.

Samples were freighted to Acme's ISO 9001 certified preparation facility in Whitehorse, YT and the pulps were analyzed at Acme's ISO 9001 certified laboratory in Vancouver. Samples were dissolved in an aqua regia acid solution and then analyzed by ICP-MS methods (package 1DX2-15 g). Acme completes quality assurance/ quality control data verification of their assays through internally inserted duplicates, standards and blanks. Assay certificates are compiled in Appendix 3 and the detailed methodology and detection limits are in Appendix 4.

Soil samples were ranked by percentile to determine statistical anomalies for the property. Blue circles plot samples ranking in the lower 75th percentile for gold (0.3 – 3.4 ppb Au), green circles are samples ranking in the 75 - 90th percentile (3.5 – 4.53 ppb Au), yellow circles represent samples in the 90 - 95th percentile (4.54 – 6.16 ppb Au), orange circles indicate 95th – 98th percentile (6.17 – 7.46 ppb Au), and red circles are the upper 2 percentile (7.47 – 11.1 ppb Au).

6.3 Results

Results from the 2011 soil sampling program highlight one significant zone of anomalous gold in soils (>90 percentile). The southern central-most contour soil line has twelve samples within 1000 m that are anomalous in gold (Figure 6-1). This zone is also anomalous in silver (six anomalous samples), copper (three samples), arsenic (19 samples), nickel (seven samples) and zinc (nine anomalous samples; refer to Appendix 5). A second small (100 m) area hosting three consecutive anomalous gold samples occurs on the northwestern tip of the northeastern soil line.

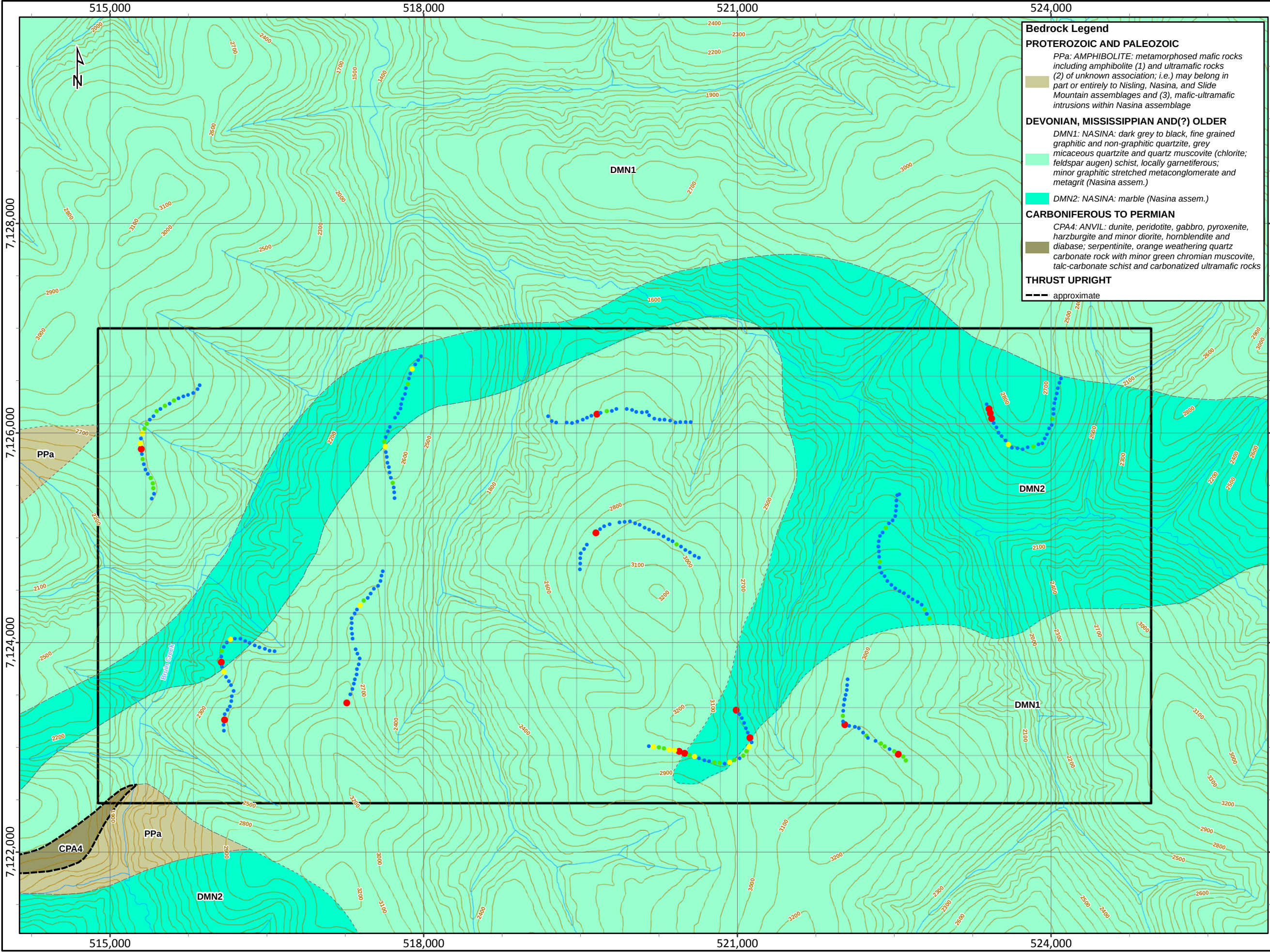
Coinciding copper and nickel in soils occur over 1 km on the spur line about 3 km east of Bruin Creek (Appendix 5). A third multi-element anomaly occurs on a contour line 1.5 km east of Bruin Creek (and 1.5 km west of the Cu-Ni anomaly). This anomaly contains a soil sample that assayed 1031 ppm Ni, as well as having several samples anomalous in Au-Ag-As-Cu and Zn over a distance of approximately 300 m.

7.0 CONCLUSIONS AND RECOMMENDATIONS

The Bruin Creek property consists of 220 contiguous mineral claims covering an area of approximately 45.66 km², located in the Klondike Plateau, northwestern Yukon. Golden Predator is exploring the property for structure-hosted, intrusion related gold deposits.

The 2011 soil program consisted of 289 soil samples collected on ten traverse lines with samples spaced 50 m apart. The program identified one anomalous multi-element zone on the south central portion of the property. This anomaly occurs over a distance greater than 1000 m and hosts anomalous gold, silver, copper, arsenic, nickel and zinc. Two other multi element anomalies occur on 1. a spur line and 2. a contour line east of Bruin Creek on the southwest side of the property. The spur line Cu-Ni anomaly is about 1 km in length and the Ni-Au-Ag-As-Cu-Zn anomaly is about 300 m in length.

Follow-up work consisting of prospecting and mapping is recommended to investigate the sources of these geochemical anomalies.



Bedrock Legend

PROTEROZOIC AND PALEOZOIC
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THRUST UPRIGHT
--- approximate



Legend

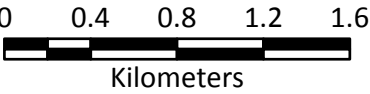
- ◇ GPD Property Outline
- ◇ Quartz Claim
- ~ Watercourse
- ~ Elevation (100 feet)

Au (ppb)

- 0.3 - 3.4
- 3.5 - 4.5
- 4.6 - 5.9
- 6.0 - 6.2
- 6.3 - 11.1



Bruin Creek, Forty Mile
Regional Geology with
Gold in Soils



Scale:	1:35,000	Map ID:	--
Draw Date:	2012/04/10	Rev. Date:	--
Version:	1	Figure:	6-1
Author:	E. O'Brien	Office:	Vancouver
Location:	60 km NW of Dawson City, Yukon Territory		
Projection:	NAD 1983 UTM Zone 7N		
Filename:	BUC 20120410 BedrockWithAu		

8.0 2011 EXPENDITURES

Expenditures for the 2011 exploration program were \$23,365.34 as summarized in Table 8-1.

Table 8-1. 2011 Expenditures

Expenditure	Date	Units	Unit Cost	Per	Cost
Wages					
Fox Exploration	October 12 2011				\$ 26,460.00
Report Writing		10	\$ 550.00	day	\$ 5,500.00

Transportation					
Helicopter	August 23 2011	4.2	\$ 1,575.00	hour	\$ 6,615.00
Fuel	August 23 2011	478.5	\$ 1.55	L	\$ 741.68
Helicopter	August 24 2011	4.6	\$ 1,575.00	hour	\$ 7,245.00
Fuel	August 24 2011	524.4	\$ 1.55	L	\$ 812.82
Helicopter	August 25 2011	1.9	\$ 1,575.00	hour	\$ 2,992.50
Fuel	August 25 2011	216.6	\$ 1.55	L	\$ 335.73
Helicopter	August 28 2011	1.3	\$ 1,575.00	hour	\$ 2,047.50
Fuel	August 28 2011	227.5	\$ 1.55	L	\$ 352.63

Samples					
Soil Geochemistry		833	\$ 17.10	sample	\$ 14,244.30

Total **\$67,347.15**

Total Number of Samples **833**
Cost Per Sample **\$ 80.85**

Property	Samples	Costs
Bruin Creek	289	\$23,365.34
Browns Creek	165	\$13,340.07
California Creek	172	\$13,906.01
Swede Dome	207	\$16,735.73



9.0 STATEMENT OF AUTHORSHIP

This Report titled "Assessment Report, 2011 Geochemical Sampling Program, Bruin Creek Project, Dawson City Mining Division, Yukon Territory, Canada", and dated May 1st, 2012 was prepared and signed by the following author:



Erin O'Brien, M.Sc., P.Geo.
Dated: May 1st, 2012
Vancouver, British Columbia



10.0 REFERENCES

- Goldfarb, R., Hart, C., Miller, M., Miller, L., Farmer, G.L., and Groves, D., 2000. The Tintina Gold Belt: A Global Perspective. *In: The Tintina Gold Belt: Concepts, Exploration and Discoveries*, British Columbia and Yukon Chamber of Mines, Special Volume 2. 5-34.
- Gordey, S.P. and A.J. Makepeace (compilers), 2001. Bedrock Geology, Yukon Territory; Geological Survey of Canada. Open File 3754 and Exploration, Exploration and Geological Services Division, Yukon and Northern Affairs Canada, Open File 2001-1, scale 1: 1,000,000.



Appendix 1
Certificate of Author

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CERTIFICATE OF AUTHOR

I, Erin Kathleen O'Brien of 11th Floor, 888 Dunsmuir, Vancouver, British Columbia, certify that:

1. I am a graduate of McGill University of Quebec with a B.Sc. Joint Major in Geology and Environmental Studies, in 1994 and a M.Sc. in Geology from the University of New Brunswick in 1996;
2. I have practiced my profession as a mineral exploration or environmental geologist with Caracle Creek International Consultants Inc., Golder Associates Ltd., Morrow Environmental Consultants Inc. (SNC Lavalin Environment) and as a geological consultant for 15 years, where I have been involved with the geological exploration of precious and base metal properties and deposits in a variety of capacities;
3. I have been operating a business as a geological consultant under my own name since 1996, and consulted for Golden Predator Canada Corp. between September, 2009 and March 2010. I became a full time employee of Golden Predator Canada Corp. in April, 2010.
4. I am a Professional Geoscientist registered with the Association of Professional Geoscientists and Engineers of British Columbia and have been since 2001;
5. I am author of this Report "Assessment Report, 2011 Geochemical Sampling Program, Bruin Creek Project, Dawson City Mining Division, Yukon Territory, Canada", and dated May 1st, 2012; and
6. I have reviewed the geological data and am not aware of any material facts or change in facts at the time this certification is dated.



Erin Kathleen O'Brien, M.Sc., P.Geo.

Vancouver, British Columbia
Dated this 1st Day of May, 2012



Appendix 2

Analytical Summary

Bruin Creek Analytical Summary

SampleID	Type	Datum	Easting	Northing	Au_CertName	Au_Method	Au_ppb
1335601	Soil	UTM83-7	522036	7123500	DAW11000246	ACM_1DX15	2.9
1335602	Soil	UTM83-7	522046	7123549	DAW11000246	ACM_1DX15	2.3
1335603	Soil	UTM83-7	522050	7123596	DAW11000246	ACM_1DX15	2.2
1335604	Soil	UTM83-7	522055	7123648	DAW11000246	ACM_1DX15	3.4
1335651	Soil	UTM83-7	522473	7124552	DAW11000245	ACM_1DX15	2.4
1335652	Soil	UTM83-7	522510	7124521	DAW11000245	ACM_1DX15	2
1335653	Soil	UTM83-7	522552	7124494	DAW11000245	ACM_1DX15	1.5
1335654	Soil	UTM83-7	522594	7124472	DAW11000245	ACM_1DX15	2.5
1335655	Soil	UTM83-7	522636	7124443	DAW11000245	ACM_1DX15	2.1
1335656	Soil	UTM83-7	522676	7124414	DAW11000245	ACM_1DX15	1.3
1335657	Soil	UTM83-7	522723	7124391	DAW11000245	ACM_1DX15	3.3
1335658	Soil	UTM83-7	522763	7124360	DAW11000245	ACM_1DX15	2.2
1335659	Soil	UTM83-7	522790	7124319	DAW11000245	ACM_1DX15	4.3
1335660	Soil	UTM83-7	522812	7124276	DAW11000245	ACM_1DX15	2.5
1335661	2-Soil	UTM83-7	522812	7124275	DAW11000245	ACM_1DX15	2.5
1335662	Soil	UTM83-7	522838	7124229	DAW11000245	ACM_1DX15	3.9
1335856	Soil	UTM83-7	517609	7124683	DAW11000245	ACM_1DX15	2.1
1335857	Soil	UTM83-7	517597	7124639	DAW11000245	ACM_1DX15	2.5
1335858	Soil	UTM83-7	517587	7124591	DAW11000245	ACM_1DX15	1.7
1335859	Soil	UTM83-7	517564	7124543	DAW11000245	ACM_1DX15	2.5
1335860	Soil	UTM83-7	517525	7124514	DAW11000245	ACM_1DX15	2.1
1335861	Soil	UTM83-7	517493	7124469	DAW11000245	ACM_1DX15	1.3
1335862	Soil	UTM83-7	517465	7124429	DAW11000245	ACM_1DX15	0.9
1335863	Soil	UTM83-7	517425	7124401	DAW11000245	ACM_1DX15	4
1335864	Soil	UTM83-7	517392	7124356	DAW11000245	ACM_1DX15	5.9
1335865	Soil	UTM83-7	517363	7124317	DAW11000245	ACM_1DX15	2.2
1335866	Soil	UTM83-7	517340	7124278	DAW11000245	ACM_1DX15	2.6
1335867	Soil	UTM83-7	517311	7124231	DAW11000245	ACM_1DX15	2.6
1335868	Soil	UTM83-7	517312	7124188	DAW11000245	ACM_1DX15	0.7
1335869	Soil	UTM83-7	517309	7124137	DAW11000245	ACM_1DX15	1.2
1335870	Soil	UTM83-7	517315	7124083	DAW11000245	ACM_1DX15	0.25
1335871	Soil	UTM83-7	517319	7124039	DAW11000245	ACM_1DX15	0.6
1335872	Soil	UTM83-7	517349	7123939	DAW11000245	ACM_1DX15	0.25
1335873	Soil	UTM83-7	517366	7123893	DAW11000245	ACM_1DX15	0.25
1335874	Soil	UTM83-7	517388	7123850	DAW11000245	ACM_1DX15	0.25
1335875	Soil	UTM83-7	517379	7123795	DAW11000245	ACM_1DX15	0.25
1335876	Soil	UTM83-7	517361	7123746	DAW11000245	ACM_1DX15	0.5
1335877	Soil	UTM83-7	517358	7123696	DAW11000245	ACM_1DX15	1.2
1335878	Soil	UTM83-7	517342	7123649	DAW11000245	ACM_1DX15	0.25
1335879	Soil	UTM83-7	517332	7123607	DAW11000245	ACM_1DX15	1.1
1335880	Soil	UTM83-7	517318	7123559	DAW11000245	ACM_1DX15	0.25
1335881	Soil	UTM83-7	517299	7123509	DAW11000245	ACM_1DX15	1.7
1335882	Soil	UTM83-7	517263	7123423	DAW11000245	ACM_1DX15	6.7
1335951	Soil	UTM83-7	517715	7125481	DAW11000247	ACM_1DX15	1.3
1335952	Soil	UTM83-7	517704	7125527	DAW11000247	ACM_1DX15	3.7
1335953	Soil	UTM83-7	517686	7125575	DAW11000247	ACM_1DX15	0.25

Bruin Creek Analytical Summary

SampleID	Type	Datum	Easting	Northing	Au_CertName	Au_Method	Au_ppb
1335954	Soil	UTM83-7	517673	7125623	DAW11000247	ACM_1DX15	0.25
1335955	Soil	UTM83-7	517668	7125673	DAW11000247	ACM_1DX15	0.25
1335956	Soil	UTM83-7	517654	7125719	DAW11000247	ACM_1DX15	2.5
1335957	Soil	UTM83-7	517647	7125773	DAW11000245	ACM_1DX15	2.4
1335958	Soil	UTM83-7	517639	7125819	DAW11000245	ACM_1DX15	1
1335959	Soil	UTM83-7	517632	7125870	DAW11000245	ACM_1DX15	4.6
1335960	Soil	UTM83-7	517621	7125915	DAW11000245	ACM_1DX15	4.5
1335961	Soil	UTM83-7	517637	7125964	DAW11000245	ACM_1DX15	2.7
1335962	Soil	UTM83-7	517658	7126016	DAW11000245	ACM_1DX15	2.5
1335963	Soil	UTM83-7	517678	7126061	DAW11000245	ACM_1DX15	1.9
1335965	Soil	UTM83-7	517726	7126147	DAW11000245	ACM_1DX15	0.6
1335966	Soil	UTM83-7	517753	7126188	DAW11000245	ACM_1DX15	1.8
1335967	Soil	UTM83-7	517778	7126236	DAW11000245	ACM_1DX15	1.4
1335968	Soil	UTM83-7	517784	7126275	DAW11000245	ACM_1DX15	2.5
1335969	Soil	UTM83-7	517797	7126329	DAW11000245	ACM_1DX15	2.2
1335970	Soil	UTM83-7	517822	7126374	DAW11000245	ACM_1DX15	0.7
1335971	Soil	UTM83-7	517830	7126427	DAW11000245	ACM_1DX15	1.8
1335972	Soil	UTM83-7	517846	7126468	DAW11000245	ACM_1DX15	4.1
1335973	Soil	UTM83-7	517859	7126520	DAW11000245	ACM_1DX15	2
1335974	Soil	UTM83-7	517871	7126569	DAW11000245	ACM_1DX15	0.7
1335975	Soil	UTM83-7	517891	7126613	DAW11000245	ACM_1DX15	5.1
1335976	Soil	UTM83-7	517920	7126654	DAW11000245	ACM_1DX15	0.9
1335977	Soil	UTM83-7	517949	7126699	DAW11000245	ACM_1DX15	1.7
1335978	Soil	UTM83-7	517976	7126735	DAW11000245	ACM_1DX15	1.8
1336358	Soil	UTM83-7	519495	7124699	DAW11000245	ACM_1DX15	1.5
1336359	Soil	UTM83-7	519497	7124753	DAW11000245	ACM_1DX15	2
1336360	Soil	UTM83-7	519497	7124807	DAW11000245	ACM_1DX15	1
1336361	Soil	UTM83-7	519501	7124852	DAW11000245	ACM_1DX15	0.25
1336362	Soil	UTM83-7	519534	7124893	DAW11000245	ACM_1DX15	1.2
1336363	Soil	UTM83-7	519562	7124936	DAW11000245	ACM_1DX15	1.8
1336364	Soil	UTM83-7	519647	7125050	DAW11000245	ACM_1DX15	6.9
1336365	Soil	UTM83-7	519687	7125084	DAW11000245	ACM_1DX15	1.6
1336366	Soil	UTM83-7	519726	7125113	DAW11000245	ACM_1DX15	1.1
1336367	Soil	UTM83-7	519778	7125128	DAW11000245	ACM_1DX15	1.3
1336368	Soil	UTM83-7	519873	7125147	DAW11000245	ACM_1DX15	1.4
1336369	Soil	UTM83-7	519922	7125154	DAW11000245	ACM_1DX15	1.9
1336370	Soil	UTM83-7	519974	7125159	DAW11000245	ACM_1DX15	2.4
1336371	Soil	UTM83-7	520023	7125140	DAW11000245	ACM_1DX15	1.3
1336372	Soil	UTM83-7	520066	7125124	DAW11000245	ACM_1DX15	2.3
1336373	Soil	UTM83-7	520113	7125097	DAW11000245	ACM_1DX15	2.7
1336374	Soil	UTM83-7	520156	7125080	DAW11000245	ACM_1DX15	2.5
1336375	Soil	UTM83-7	520199	7125058	DAW11000245	ACM_1DX15	1.2
1336376	Soil	UTM83-7	520246	7125036	DAW11000245	ACM_1DX15	1.1
1336377	Soil	UTM83-7	520295	7125012	DAW11000245	ACM_1DX15	2.7
1336378	Soil	UTM83-7	520340	7124984	DAW11000245	ACM_1DX15	0.25
1336379	Soil	UTM83-7	520380	7124970	DAW11000245	ACM_1DX15	0.25

Bruin Creek Analytical Summary

SampleID	Type	Datum	Easting	Northing	Au_CertName	Au_Method	Au_ppb
1336380	Soil	UTM83-7	520419	7124938	DAW11000245	ACM_1DX15	4
1336381	Soil	UTM83-7	520460	7124918	DAW11000245	ACM_1DX15	0.8
1336382	Soil	UTM83-7	520502	7124884	DAW11000246	ACM_1DX15	0.25
1336383	Soil	UTM83-7	520545	7124861	DAW11000246	ACM_1DX15	1
1336384	Soil	UTM83-7	520591	7124828	DAW11000246	ACM_1DX15	2.7
1336385	Soil	UTM83-7	520632	7124811	DAW11000246	ACM_1DX15	0.25
1336610	Soil	UTM83-7	523385	7126278	DAW11000246	ACM_1DX15	2.7
1336611	Soil	UTM83-7	523407	7126232	DAW11000246	ACM_1DX15	6.3
1336612	Soil	UTM83-7	523419	7126187	DAW11000246	ACM_1DX15	8.3
1336613	Soil	UTM83-7	523430	7126137	DAW11000246	ACM_1DX15	6.4
1336614	Soil	UTM83-7	523452	7126096	DAW11000246	ACM_1DX15	3.4
1336615	Soil	UTM83-7	523479	7126053	DAW11000246	ACM_1DX15	2.8
1336616	Soil	UTM83-7	523499	7126003	DAW11000246	ACM_1DX15	1.5
1336617	Soil	UTM83-7	523528	7125972	DAW11000246	ACM_1DX15	2.6
1336618	Soil	UTM83-7	523565	7125931	DAW11000246	ACM_1DX15	3.4
1336619	Soil	UTM83-7	523592	7125891	DAW11000246	ACM_1DX15	5.1
1336620	Soil	UTM83-7	523627	7125860	DAW11000246	ACM_1DX15	0.25
1336621	Soil	UTM83-7	523679	7125855	DAW11000246	ACM_1DX15	3.4
1336622	Soil	UTM83-7	523729	7125846	DAW11000246	ACM_1DX15	0.25
1336623	Soil	UTM83-7	523776	7125864	DAW11000246	ACM_1DX15	0.25
1336624	Soil	UTM83-7	523832	7125870	DAW11000246	ACM_1DX15	3.5
1336625	Soil	UTM83-7	523879	7125892	DAW11000246	ACM_1DX15	3.3
1336626	Soil	UTM83-7	523916	7125901	DAW11000246	ACM_1DX15	3.1
1336627	Soil	UTM83-7	523940	7125949	DAW11000246	ACM_1DX15	1.6
1336628	Soil	UTM83-7	523961	7125989	DAW11000246	ACM_1DX15	1.5
1336629	Soil	UTM83-7	523982	7126047	DAW11000246	ACM_1DX15	1.5
1336630	Soil	UTM83-7	524006	7126080	DAW11000246	ACM_1DX15	0.25
1336631	Soil	UTM83-7	524011	7126135	DAW11000246	ACM_1DX15	4.2
1336632	Soil	UTM83-7	524023	7126185	DAW11000246	ACM_1DX15	1.7
1336633	Soil	UTM83-7	524024	7126227	DAW11000246	ACM_1DX15	1.8
1336634	Soil	UTM83-7	524031	7126285	DAW11000246	ACM_1DX15	1
1336635	Soil	UTM83-7	524042	7126329	DAW11000246	ACM_1DX15	2
1336636	Soil	UTM83-7	524056	7126379	DAW11000246	ACM_1DX15	1.9
1336637	Soil	UTM83-7	524066	7126430	DAW11000246	ACM_1DX15	0.6
1336638	Soil	UTM83-7	524080	7126478	DAW11000246	ACM_1DX15	2
1336639	Soil	UTM83-7	524095	7126521	DAW11000246	ACM_1DX15	2.5
1337065	Soil	UTM83-7	515399	7125374	DAW11000246	ACM_1DX15	2.9
1337066	Soil	UTM83-7	515421	7125422	DAW11000246	ACM_1DX15	0.25
1337067	Soil	UTM83-7	515413	7125473	DAW11000246	ACM_1DX15	4.1
1337068	Soil	UTM83-7	515409	7125523	DAW11000246	ACM_1DX15	3.6
1337069	Soil	UTM83-7	515389	7125570	DAW11000246	ACM_1DX15	3.6
1337070	Soil	UTM83-7	515363	7125611	DAW11000246	ACM_1DX15	1.1
1337071	Soil	UTM83-7	515339	7125653	DAW11000246	ACM_1DX15	2.6
1337072	Soil	UTM83-7	515324	7125702	DAW11000246	ACM_1DX15	2.2
1337073	Soil	UTM83-7	515312	7125753	DAW11000246	ACM_1DX15	4.4
1337074	Soil	UTM83-7	515305	7125800	DAW11000246	ACM_1DX15	3.1

Bruin Creek Analytical Summary

SampleID	Type	Datum	Easting	Northing	Au_CertName	Au_Method	Au_ppb
1337075	Soil	UTM83-7	515298	7125848	DAW11000246	ACM_1DX15	6.4
1337076	Soil	UTM83-7	515289	7125901	DAW11000246	ACM_1DX15	5.4
1337077	Soil	UTM83-7	515295	7125949	DAW11000246	ACM_1DX15	0.9
1337078	Soil	UTM83-7	515309	7125996	DAW11000246	ACM_1DX15	4.8
1337079	Soil	UTM83-7	515329	7126041	DAW11000246	ACM_1DX15	4.1
1337080	Soil	UTM83-7	515352	7126088	DAW11000246	ACM_1DX15	3.5
1337081	Soil	UTM83-7	515381	7126128	DAW11000246	ACM_1DX15	2.8
1337082	Soil	UTM83-7	515416	7126159	DAW11000246	ACM_1DX15	3.1
1337083	Soil	UTM83-7	515447	7126208	DAW11000246	ACM_1DX15	4.5
1337084	Soil	UTM83-7	515482	7126232	DAW11000246	ACM_1DX15	1.6
1337085	Soil	UTM83-7	515525	7126259	DAW11000246	ACM_1DX15	4.2
1337086	Soil	UTM83-7	515570	7126279	DAW11000246	ACM_1DX15	3.2
1337087	Soil	UTM83-7	515611	7126309	DAW11000246	ACM_1DX15	3.6
1337088	Soil	UTM83-7	515655	7126333	DAW11000246	ACM_1DX15	2
1337089	Soil	UTM83-7	515701	7126349	DAW11000246	ACM_1DX15	2.2
1337090	Soil	UTM83-7	515746	7126366	DAW11000246	ACM_1DX15	2.2
1337091	Soil	UTM83-7	515796	7126385	DAW11000246	ACM_1DX15	3.1
1337092	Soil	UTM83-7	515838	7126419	DAW11000246	ACM_1DX15	3.2
1337093	Soil	UTM83-7	515858	7126459	DAW11000246	ACM_1DX15	3.3
1337094	Soil	UTM83-7	520153	7123012	DAW11000246	ACM_1DX15	1.8
1337095	Soil	UTM83-7	520199	7123007	DAW11000246	ACM_1DX15	5.3
1337096	Soil	UTM83-7	520250	7123002	DAW11000246	ACM_1DX15	4
1337097	Soil	UTM83-7	520298	7122991	DAW11000246	ACM_1DX15	4.4
1337098	Soil	UTM83-7	520349	7122979	DAW11000246	ACM_1DX15	4.8
1337099	Soil	UTM83-7	520398	7122972	DAW11000246	ACM_1DX15	5.2
1337100	Soil	UTM83-7	520444	7122963	DAW11000246	ACM_1DX15	6.6
1337101	Soil	UTM83-7	520496	7122945	DAW11000246	ACM_1DX15	7.2

Appendix 3

Assay Certificates



1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Acme Analytical Laboratories (Vancouver) Ltd.

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Client: Golden Predator Canada Corp.

11th Floor, 888 Dunsmuir Street
Vancouver BC V6C 3K4 Canada

Submitted By: Hugh Baker

Receiving Lab: Canada-Dawson City

Received: August 30, 2011

Report Date: October 06, 2011

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CERTIFICATE OF ANALYSIS

DAW11000245.2

CLIENT JOB INFORMATION

Project: FOM
Shipment ID: FOM
P.O. Number
Number of Samples: 320

SAMPLE DISPOSAL

RTRN-PLP Return
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: Golden Predator Canada Corp.
11th Floor, 888 Dunsmuir Street
Vancouver BC V6C 3K4
Canada

CC: Andrew Caldwell
Jack Cote

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
Dry at 60C	320	Dry at 60C			DAW
SS80	320	Dry at 60C sieve 100g to -80 mesh			DAW
1DX2	319	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

Version 2 : Revised sample ID 1135883 with 1335883.



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. Results apply to samples as submitted.
** asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



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Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client:

Golden Predator Canada Corp.

11th Floor, 888 Dunsmuir Street
Vancouver BC V6C 3K4 Canada

Project:

FOM

Report Date:

October 06, 2011

Page:

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Part 1

CERTIFICATE OF ANALYSIS

DAW11000245.2

	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	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1
1334980	Soil	0.9	16.6	8.5	53	0.1	15.7	7.5	171	2.12	6.6	2.0	2.8	26	0.1	0.5	0.2	48	0.29	0.046	12
1334981	Soil	0.8	15.4	7.4	47	<0.1	14.2	6.4	170	1.96	6.2	2.5	3.5	26	<0.1	0.4	0.1	45	0.34	0.049	14
1334982	Soil	1.1	23.0	9.3	61	0.1	20.0	9.3	307	2.62	8.6	1.8	3.6	31	0.1	0.7	0.2	55	0.40	0.052	15
1334983	Soil	0.9	23.3	7.6	52	0.2	17.9	7.3	210	2.08	6.9	2.3	2.8	29	0.2	0.5	0.2	45	0.35	0.053	14
1334984	Soil	0.8	12.8	7.5	51	0.1	13.1	6.9	194	1.88	6.5	1.0	2.2	25	0.2	0.5	0.1	45	0.32	0.063	12
1334985	Soil	0.9	22.9	8.3	57	0.1	21.4	8.6	269	2.30	8.5	4.7	3.5	34	0.1	0.6	0.1	48	0.46	0.063	14
1334986	Soil	0.8	24.2	8.6	63	0.1	21.5	8.3	233	2.37	7.8	2.4	3.6	34	0.2	0.6	0.2	50	0.46	0.069	16
1334987	Soil	0.8	24.6	8.3	58	<0.1	21.2	8.5	244	2.27	7.5	2.3	3.5	33	0.2	0.6	0.2	49	0.42	0.064	16
1334988	Soil	1.0	28.4	9.1	69	0.2	25.8	10.6	355	2.47	9.6	7.5	3.6	40	0.3	0.8	0.2	50	0.62	0.073	15
1334989	Soil	0.9	25.5	8.4	64	0.1	23.7	9.9	388	2.45	9.5	9.8	3.6	40	0.2	0.7	0.1	52	0.60	0.071	15
1334990	Soil	0.9	27.4	9.7	74	0.1	25.8	10.4	416	2.55	10.5	1.7	3.7	40	0.3	0.8	0.2	52	0.56	0.073	15
1334991	Soil	0.8	14.5	7.7	61	0.1	17.6	8.4	394	2.14	8.5	1.7	2.4	33	0.2	0.5	0.1	49	0.45	0.066	12
1334992	Soil	0.9	30.7	8.4	71	0.1	26.5	10.9	452	2.51	10.0	5.0	3.6	46	0.3	0.7	0.1	56	1.12	0.083	13
1334993	Soil	0.8	18.1	6.8	57	0.1	19.5	8.3	500	2.07	7.6	3.9	2.7	46	0.2	0.5	0.1	45	0.75	0.081	13
1334994	Soil	0.7	20.3	7.7	60	<0.1	19.6	7.9	219	2.15	6.8	2.3	2.9	33	0.2	0.5	0.1	50	0.43	0.068	15
1334995	Soil	0.8	33.4	7.6	70	0.1	29.1	8.9	250	2.52	5.8	1.7	2.5	31	0.2	0.4	0.1	56	0.35	0.057	16
1334996	Soil	1.0	46.8	7.2	74	<0.1	26.8	10.9	502	2.77	4.8	1.4	2.1	15	0.4	0.3	0.2	62	0.13	0.032	12
1334997	Soil	1.8	104.0	8.1	56	<0.1	27.0	11.6	801	2.18	1.6	<0.5	3.5	7	0.1	<0.1	0.1	52	0.05	0.017	15
1334998	Soil	1.7	105.5	7.6	56	<0.1	25.3	10.9	734	2.14	1.6	<0.5	3.2	7	0.1	<0.1	0.1	50	0.04	0.016	14
1334999	Soil	2.8	136.7	12.1	94	<0.1	63.0	14.7	1704	2.83	1.8	1.4	4.3	9	0.3	<0.1	0.2	59	0.05	0.020	18
1335000	Soil	1.0	26.9	8.4	46	0.2	15.8	5.5	114	2.05	4.6	2.4	2.6	28	<0.1	0.5	0.1	44	0.23	0.035	13
1337901	Soil	0.7	22.4	8.7	58	0.1	18.8	5.7	183	2.01	4.9	1.1	4.5	35	0.1	0.5	0.1	42	0.32	0.055	17
1337902	Soil	1.4	36.2	9.2	63	0.1	20.5	6.2	169	2.42	5.6	2.2	5.1	30	<0.1	0.6	0.1	49	0.25	0.047	19
1337903	Soil	1.1	30.6	10.6	64	0.2	23.5	9.4	263	2.63	9.0	4.1	4.4	38	0.2	0.7	0.2	53	0.45	0.058	16
1337904	Soil	0.5	26.1	9.2	63	<0.1	20.1	9.2	241	2.09	5.0	4.0	4.7	29	0.2	0.6	0.1	48	0.33	0.051	16
1337905	Soil	0.7	20.1	9.2	52	<0.1	19.0	8.2	187	2.45	8.6	4.1	3.6	29	<0.1	0.5	0.1	53	0.29	0.043	14
1337906	Soil	0.8	28.5	9.3	58	0.1	21.7	7.9	217	2.39	8.6	3.1	3.9	37	0.1	0.6	0.1	50	0.43	0.055	17
1337907	Soil	0.8	27.5	10.3	54	<0.1	19.5	9.4	196	2.52	9.2	2.7	4.7	29	0.1	0.4	0.2	53	0.28	0.041	15
1337908	Soil	1.0	20.4	7.5	45	<0.1	19.6	7.4	201	2.27	8.7	1.1	2.2	16	<0.1	0.5	0.1	53	0.14	0.031	10
1337909	Soil	1.0	24.3	11.7	49	<0.1	20.6	9.0	189	2.83	9.9	1.9	4.8	18	<0.1	0.5	0.2	66	0.13	0.018	14



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Project: FOM

Report Date: October 06, 2011

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CERTIFICATE OF ANALYSIS

DAW11000245.2

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	Te
		ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		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	0.2
1334980	Soil	24	0.43	272	0.053	<1	1.54	0.016	0.05	0.1	0.03	2.5	<0.1	<0.05	4	<0.5	<0.2
1334981	Soil	23	0.40	237	0.065	1	1.34	0.017	0.05	0.2	0.02	2.5	<0.1	<0.05	4	<0.5	<0.2
1334982	Soil	29	0.51	349	0.063	1	1.71	0.019	0.06	0.1	0.03	3.6	<0.1	<0.05	5	<0.5	<0.2
1334983	Soil	24	0.41	297	0.057	<1	1.43	0.016	0.05	0.1	0.04	2.9	<0.1	<0.05	4	0.6	<0.2
1334984	Soil	22	0.37	213	0.049	1	1.23	0.014	0.05	0.2	0.04	2.3	<0.1	<0.05	4	<0.5	<0.2
1334985	Soil	27	0.48	319	0.057	<1	1.44	0.019	0.05	0.2	0.05	3.4	<0.1	<0.05	4	<0.5	<0.2
1334986	Soil	28	0.50	333	0.065	1	1.55	0.020	0.05	0.1	0.04	3.6	0.1	<0.05	4	0.6	<0.2
1334987	Soil	27	0.46	322	0.062	<1	1.45	0.018	0.05	0.2	0.03	3.4	<0.1	<0.05	4	<0.5	<0.2
1334988	Soil	27	0.53	386	0.065	1	1.40	0.030	0.06	0.2	0.03	3.4	<0.1	<0.05	4	0.7	<0.2
1334989	Soil	27	0.51	334	0.066	1	1.42	0.027	0.07	0.2	0.03	3.5	<0.1	<0.05	4	<0.5	<0.2
1334990	Soil	28	0.58	341	0.063	2	1.36	0.033	0.07	0.2	0.03	3.3	<0.1	<0.05	4	<0.5	<0.2
1334991	Soil	25	0.48	276	0.054	1	1.33	0.020	0.06	0.1	0.04	2.7	<0.1	<0.05	4	<0.5	<0.2
1334992	Soil	29	0.78	323	0.080	2	1.30	0.037	0.09	0.2	0.02	3.3	<0.1	<0.05	4	<0.5	<0.2
1334993	Soil	24	0.50	277	0.060	2	1.19	0.031	0.06	0.2	0.03	2.9	<0.1	<0.05	4	0.6	<0.2
1334994	Soil	27	0.47	293	0.067	1	1.42	0.017	0.06	0.2	0.03	3.2	<0.1	<0.05	4	<0.5	<0.2
1334995	Soil	34	0.52	346	0.086	1	1.70	0.013	0.12	0.2	0.03	3.8	<0.1	<0.05	5	<0.5	<0.2
1334996	Soil	30	0.56	217	0.092	<1	1.97	0.008	0.18	0.2	0.03	3.4	<0.1	<0.05	7	<0.5	<0.2
1334997	Soil	23	0.72	361	0.113	<1	1.40	0.004	0.74	<0.1	<0.01	4.1	0.2	<0.05	6	<0.5	<0.2
1334998	Soil	23	0.71	340	0.111	<1	1.40	0.004	0.71	<0.1	<0.01	4.0	0.2	<0.05	6	<0.5	<0.2
1334999	Soil	30	0.85	487	0.129	<1	1.73	0.005	0.91	0.2	<0.01	5.1	0.3	<0.05	7	<0.5	<0.2
1335000	Soil	23	0.35	796	0.069	<1	1.74	0.018	0.10	<0.1	0.04	2.7	<0.1	<0.05	5	0.6	<0.2
1337901	Soil	26	0.47	835	0.071	<1	1.34	0.016	0.10	<0.1	0.03	3.1	<0.1	<0.05	4	<0.5	<0.2
1337902	Soil	26	0.49	1307	0.092	<1	1.50	0.013	0.17	<0.1	0.04	3.3	0.1	<0.05	5	0.9	<0.2
1337903	Soil	31	0.49	952	0.072	<1	1.70	0.019	0.07	<0.1	0.05	3.9	<0.1	<0.05	5	0.7	<0.2
1337904	Soil	28	0.45	410	0.083	<1	1.41	0.017	0.09	<0.1	0.03	3.5	<0.1	<0.05	4	<0.5	<0.2
1337905	Soil	29	0.45	493	0.072	<1	1.80	0.011	0.05	0.1	0.04	3.3	<0.1	<0.05	5	<0.5	<0.2
1337906	Soil	29	0.44	859	0.067	<1	1.60	0.015	0.06	0.1	0.04	4.1	<0.1	<0.05	5	0.7	<0.2
1337907	Soil	31	0.45	614	0.077	<1	1.81	0.009	0.05	<0.1	0.04	4.7	<0.1	<0.05	5	<0.5	<0.2
1337908	Soil	28	0.33	246	0.065	1	1.37	0.009	0.04	<0.1	0.02	2.3	<0.1	<0.05	4	<0.5	<0.2
1337909	Soil	33	0.42	258	0.067	<1	2.23	0.008	0.04	0.1	0.02	3.5	<0.1	<0.05	6	<0.5	<0.2



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Project: FOM

Report Date: October 06, 2011

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CERTIFICATE OF ANALYSIS

DAW11000245.2

	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	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
					ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
					0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1
1337910	Soil				0.6	25.6	8.0	53	<0.1	23.0	8.4	211	2.22	6.5	1.4	4.2	23	<0.1	0.5	0.1	51	0.19	0.025	14
1335622	Soil				0.8	11.7	8.6	55	<0.1	17.4	7.6	187	2.33	6.6	1.3	1.4	20	0.1	0.3	0.1	50	0.20	0.061	11
1335623	Soil				0.5	12.8	8.8	55	0.1	17.2	6.4	140	2.01	6.1	1.5	1.4	22	0.1	0.4	0.1	45	0.23	0.056	12
1335624	Soil				0.7	19.5	9.9	60	0.1	21.2	9.5	195	2.53	7.6	1.2	2.5	22	0.2	0.5	0.2	53	0.23	0.060	15
1335625	Soil				0.8	38.2	7.5	73	<0.1	171.7	16.4	445	3.01	8.4	2.1	4.1	22	0.1	0.3	0.1	61	0.25	0.054	19
1335626	Soil				0.8	25.5	9.7	63	0.1	56.2	13.4	478	2.70	5.0	1.0	2.4	16	0.1	0.3	0.2	57	0.18	0.048	14
1335627	Soil				0.7	17.6	6.0	43	<0.1	36.8	8.8	248	2.34	4.2	0.6	1.2	9	<0.1	0.2	0.1	58	0.08	0.023	7
1335628	Soil				0.7	46.2	4.8	49	0.2	33.1	9.3	266	2.02	2.7	1.2	0.9	23	0.2	0.3	<0.1	55	0.62	0.049	8
1335629	Soil				1.1	28.9	12.1	93	0.3	37.0	12.0	452	2.74	11.9	1.9	4.1	30	0.3	0.5	0.2	53	0.54	0.070	20
1335630	Soil				0.9	20.6	12.6	74	0.2	27.1	9.4	435	2.37	10.7	2.2	5.0	23	0.2	0.6	0.2	40	0.40	0.065	19
1335631	Soil				1.6	17.3	9.5	82	0.2	24.3	10.7	248	2.49	5.5	3.0	2.6	19	0.2	0.5	0.2	49	0.24	0.062	16
1335632	Soil				0.7	17.9	10.2	60	0.2	26.9	10.1	346	2.26	8.0	2.7	1.7	19	0.2	0.3	0.2	45	0.28	0.065	13
1335633	Soil				1.2	26.1	13.7	74	0.3	22.8	9.9	369	2.70	9.9	3.8	1.9	21	0.2	0.6	0.3	51	0.22	0.051	18
1335651	Soil				0.8	36.4	12.6	62	<0.1	31.5	12.6	473	2.62	5.6	2.4	8.4	13	0.1	0.4	0.2	46	0.17	0.037	22
1335652	Soil				1.2	31.8	12.2	69	<0.1	36.9	13.7	350	3.08	11.9	2.0	5.2	16	0.2	0.5	0.2	59	0.17	0.033	14
1335653	Soil				1.0	25.0	10.2	57	<0.1	21.1	7.9	250	2.28	5.8	1.5	5.8	14	<0.1	0.3	0.2	40	0.17	0.025	18
1335654	Soil				0.6	38.3	9.4	67	0.2	30.3	10.1	279	2.43	6.5	2.5	6.5	16	<0.1	0.3	0.2	39	0.25	0.043	23
1335655	Soil				1.2	60.0	11.3	73	<0.1	31.1	13.6	636	2.49	4.8	2.1	8.1	16	0.1	0.4	0.3	32	0.14	0.040	31
1335656	Soil				1.1	34.8	9.0	57	<0.1	20.6	8.0	392	2.27	5.3	1.3	3.3	14	0.1	0.4	0.2	40	0.12	0.036	14
1335657	Soil				1.8	54.6	18.1	70	0.3	27.3	9.4	380	3.52	8.6	3.3	2.1	25	0.1	0.5	0.3	54	0.17	0.069	21
1335658	Soil				1.1	33.1	9.3	61	0.1	19.9	7.2	257	2.37	5.5	2.2	4.9	15	0.1	0.4	0.2	41	0.13	0.031	18
1335659	Soil				1.2	34.7	9.9	52	0.1	17.3	5.9	197	2.18	4.8	4.3	3.7	16	<0.1	0.4	0.2	37	0.13	0.039	17
1335660	Soil				1.3	43.4	11.4	65	0.1	21.7	6.9	259	2.56	5.1	2.5	6.9	16	<0.1	0.4	0.2	40	0.12	0.037	22
1335661	Soil				1.3	42.9	11.3	66	0.1	22.4	7.0	259	2.54	5.2	2.5	6.8	17	<0.1	0.4	0.2	39	0.12	0.037	21
1335662	Soil				1.2	37.7	10.1	56	0.1	19.0	6.5	240	2.29	5.2	3.9	5.6	15	<0.1	0.4	0.2	40	0.11	0.037	19
1335663	Soil				0.7	29.2	9.4	55	<0.1	25.4	8.0	257	2.46	9.0	2.1	2.1	35	0.1	0.5	0.1	52	0.42	0.070	16
1335664	Soil				0.6	24.8	7.8	54	<0.1	20.7	7.3	167	2.24	7.7	2.6	3.6	25	0.1	0.6	0.1	45	0.34	0.077	15
1335665	Soil				0.9	32.4	9.4	76	0.1	28.5	10.0	361	2.60	9.3	4.3	4.2	33	0.3	0.7	0.2	54	0.44	0.083	17
1335666	Soil				1.1	37.9	12.4	84	0.2	33.2	11.2	434	2.83	11.2	2.0	4.7	36	0.2	0.7	0.2	61	0.47	0.072	16
1335667	Soil				0.9	33.7	10.0	73	0.1	29.5	10.4	337	2.58	8.9	2.8	4.7	30	0.1	0.6	0.2	56	0.36	0.059	17



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CERTIFICATE OF ANALYSIS

DAW11000245.2

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	Te
		ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		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	0.2
1337910	Soil	28	0.48	276	0.065	<1	1.32	0.010	0.03	<0.1	0.02	3.6	<0.1	<0.05	4	<0.5	<0.2
1335622	Soil	27	0.40	165	0.057	1	1.49	0.012	0.04	0.2	0.05	2.2	<0.1	<0.05	4	<0.5	<0.2
1335623	Soil	27	0.39	181	0.052	<1	1.44	0.011	0.04	0.2	0.04	2.3	<0.1	<0.05	4	<0.5	<0.2
1335624	Soil	33	0.43	213	0.061	<1	1.61	0.011	0.04	0.2	0.05	3.3	<0.1	<0.05	5	<0.5	<0.2
1335625	Soil	194	1.51	337	0.093	<1	2.13	0.009	0.21	<0.1	0.03	5.2	0.1	<0.05	7	<0.5	<0.2
1335626	Soil	81	0.88	195	0.065	<1	1.79	0.009	0.08	0.1	0.02	3.4	<0.1	<0.05	6	<0.5	<0.2
1335627	Soil	55	0.64	79	0.062	1	1.36	0.011	0.05	<0.1	0.03	2.3	<0.1	<0.05	6	<0.5	<0.2
1335628	Soil	45	0.51	212	0.068	1	1.20	0.021	0.05	<0.1	0.04	3.7	<0.1	<0.05	5	<0.5	<0.2
1335629	Soil	47	0.55	246	0.040	<1	1.63	0.015	0.08	0.2	0.04	3.9	0.1	<0.05	5	<0.5	<0.2
1335630	Soil	31	0.43	180	0.034	<1	1.27	0.010	0.07	0.2	0.04	3.5	0.1	<0.05	4	<0.5	<0.2
1335631	Soil	29	0.62	259	0.073	2	1.69	0.009	0.12	0.1	0.05	2.7	0.1	<0.05	6	1.4	<0.2
1335632	Soil	37	0.52	186	0.025	<1	1.54	0.010	0.05	0.1	0.05	2.9	<0.1	<0.05	5	<0.5	<0.2
1335633	Soil	29	0.40	312	0.027	<1	1.85	0.011	0.07	0.2	0.08	3.7	0.1	<0.05	6	<0.5	<0.2
1335651	Soil	42	0.80	184	0.075	<1	1.80	0.007	0.15	<0.1	<0.01	3.6	0.2	<0.05	5	<0.5	<0.2
1335652	Soil	44	0.69	239	0.065	1	2.26	0.008	0.10	0.1	0.02	3.6	0.2	<0.05	5	0.6	<0.2
1335653	Soil	22	0.45	354	0.049	<1	1.41	0.006	0.08	<0.1	0.02	2.4	0.2	<0.05	5	<0.5	<0.2
1335654	Soil	25	0.63	473	0.052	<1	1.65	0.007	0.18	<0.1	0.05	3.8	0.2	<0.05	5	<0.5	<0.2
1335655	Soil	22	0.73	317	0.083	<1	1.36	0.005	0.41	<0.1	0.02	3.7	0.3	<0.05	4	<0.5	<0.2
1335656	Soil	23	0.37	201	0.050	<1	1.29	0.006	0.08	<0.1	0.06	3.1	0.1	<0.05	4	<0.5	<0.2
1335657	Soil	39	0.47	420	0.035	<1	2.34	0.009	0.10	0.1	0.17	3.8	0.2	<0.05	6	0.5	<0.2
1335658	Soil	24	0.43	274	0.059	<1	1.43	0.007	0.08	<0.1	0.08	3.3	0.1	<0.05	4	<0.5	<0.2
1335659	Soil	24	0.42	223	0.060	1	1.28	0.008	0.08	<0.1	0.06	2.8	0.1	<0.05	4	<0.5	<0.2
1335660	Soil	26	0.56	229	0.076	<1	1.50	0.008	0.16	<0.1	0.05	3.1	0.2	<0.05	5	0.6	<0.2
1335661	Soil	27	0.54	242	0.074	<1	1.44	0.009	0.15	<0.1	0.06	3.2	0.2	<0.05	5	<0.5	<0.2
1335662	Soil	25	0.50	214	0.070	<1	1.36	0.008	0.10	<0.1	0.03	2.7	0.1	<0.05	4	0.6	<0.2
1335663	Soil	29	0.52	295	0.064	1	1.55	0.015	0.06	0.1	0.04	3.6	<0.1	<0.05	5	<0.5	<0.2
1335664	Soil	27	0.48	203	0.064	1	1.26	0.014	0.05	0.1	0.02	3.1	<0.1	<0.05	4	<0.5	<0.2
1335665	Soil	32	0.54	332	0.077	<1	1.36	0.021	0.06	0.2	0.03	4.2	<0.1	<0.05	4	<0.5	<0.2
1335666	Soil	38	0.57	411	0.075	1	1.61	0.022	0.06	0.2	0.05	4.9	<0.1	<0.05	5	<0.5	<0.2
1335667	Soil	39	0.53	340	0.077	<1	1.55	0.015	0.05	0.1	0.04	4.3	<0.1	<0.05	5	<0.5	<0.2



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Project: FOM

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CERTIFICATE OF ANALYSIS

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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	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		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	ppb 0.5	ppm 0.1	ppm 1	ppm 0.1	ppm 0.1	ppm 0.1	ppm 2	% 0.01	% 0.001
1335668	Soil	0.7	32.3	9.2	72	0.2	28.5	9.6	315	2.43	9.2	6.4	5.0	31	0.2	0.7	0.2	47	0.38	0.078
1335669	Soil	1.0	36.3	8.8	87	0.1	41.3	8.6	223	2.49	7.6	2.0	4.2	21	0.1	0.5	0.2	61	0.21	0.040
1335670	Soil	1.0	22.8	9.5	60	<0.1	25.2	7.4	204	2.54	9.9	2.0	2.9	19	0.2	0.4	0.2	59	0.21	0.044
1335671	Soil	1.3	43.1	10.3	93	0.2	38.7	11.5	413	3.02	9.7	5.9	4.6	25	0.2	0.5	0.3	62	0.26	0.050
1335672	Soil	1.0	28.5	9.8	60	0.1	23.3	8.3	243	2.54	9.0	2.5	3.8	21	0.2	0.5	0.3	53	0.23	0.057
1335673	Soil	1.1	37.2	10.9	79	0.2	31.0	10.7	275	2.81	10.0	3.4	4.2	23	0.2	0.5	0.2	60	0.24	0.053
1335674	Soil	1.0	17.3	8.9	57	<0.1	21.5	6.9	165	2.73	8.6	1.5	1.6	17	0.3	0.6	0.2	55	0.19	0.053
1335675	Soil	0.8	36.2	9.4	74	<0.1	28.9	9.6	299	2.79	8.2	3.9	3.9	25	0.2	0.6	0.2	59	0.27	0.056
1335676	Soil	1.1	24.2	10.1	59	<0.1	21.8	8.4	235	2.64	8.4	5.3	2.5	19	0.1	0.5	0.2	57	0.21	0.062
1335677	Soil	0.9	32.3	8.3	61	<0.1	25.5	7.5	197	2.36	7.8	2.2	3.6	19	0.2	0.5	0.2	49	0.18	0.041
1335678	Soil	1.0	32.3	9.4	65	0.2	28.3	8.9	247	2.70	9.1	3.6	3.1	20	0.2	0.6	0.2	59	0.21	0.058
1335679	Soil	1.1	39.0	10.3	84	<0.1	35.4	13.6	421	3.26	10.1	3.9	4.0	28	0.2	0.7	0.2	77	0.31	0.063
1335680	Soil	1.3	32.1	9.5	69	0.1	24.2	10.4	300	2.67	11.3	3.8	3.1	21	0.2	0.7	0.2	54	0.21	0.054
1335681	Soil	1.1	35.4	9.8	67	0.1	24.9	10.0	310	2.70	11.0	3.7	3.7	21	0.1	0.6	0.2	58	0.22	0.050
1335682	Soil	0.8	31.1	10.3	66	0.2	21.8	7.8	210	2.48	7.5	5.3	1.9	22	0.2	0.6	0.2	54	0.23	0.063
1335683	Soil	1.0	33.3	10.1	78	0.2	23.6	9.3	229	2.56	7.6	5.3	2.5	20	0.2	0.7	0.2	54	0.22	0.068
1335684	Soil	0.8	36.2	10.1	117	0.1	35.9	10.7	326	3.02	8.0	5.8	4.9	27	0.2	0.6	0.2	60	0.33	0.073
1335685	Soil	0.8	31.6	8.0	66	0.1	23.3	7.8	226	2.29	6.6	3.8	3.8	26	0.2	0.7	0.2	48	0.33	0.074
1335686	Soil	0.7	31.7	7.8	62	0.1	22.9	8.1	258	2.26	6.5	9.3	3.3	28	0.2	0.6	0.2	49	0.33	0.067
1335687	Soil	0.9	43.8	8.7	69	<0.1	24.9	10.3	370	2.53	8.6	4.6	3.9	31	0.3	0.7	0.1	57	0.35	0.078
1335688	Soil	0.9	70.5	9.2	68	<0.1	20.0	11.9	213	2.48	5.8	9.3	3.7	18	0.1	1.3	0.2	71	0.09	0.043
1335689	Soil	0.6	17.9	12.0	45	0.2	13.2	5.1	188	3.20	9.3	5.5	2.6	11	<0.1	0.6	0.2	64	0.11	0.030
1335690	Soil	1.1	59.0	8.7	53	0.1	13.9	7.9	329	2.89	5.9	2.8	2.6	18	0.1	3.1	0.2	73	0.06	0.047
1335691	Soil	0.8	38.6	9.7	68	0.1	13.2	4.9	177	1.94	4.7	15.2	2.2	20	<0.1	0.8	0.1	63	0.06	0.051
1335692	Soil	0.8	40.7	9.9	46	<0.1	9.3	3.3	93	1.80	4.6	6.1	3.6	20	0.1	0.6	0.2	77	0.05	0.038
1335701	Soil	1.5	38.5	7.7	62	0.1	23.5	9.6	490	2.27	8.4	1.7	4.7	16	<0.1	0.4	0.2	47	0.15	0.037
1335702	Soil	1.1	29.1	9.2	58	<0.1	19.8	8.8	266	2.46	7.1	2.5	5.1	16	0.1	0.5	0.1	48	0.13	0.028
1335703	Soil	1.1	27.3	9.1	56	0.2	19.0	7.7	213	2.31	6.0	2.3	3.4	17	0.2	0.4	0.1	46	0.15	0.040
1335704	Soil	1.3	33.1	10.0	62	0.3	19.5	7.7	231	2.43	6.2	2.1	3.6	18	0.2	0.4	0.2	50	0.15	0.045
1335705	Soil	1.0	27.1	8.1	59	0.2	18.8	7.7	227	2.28	5.8	2.2	4.3	15	0.1	0.4	0.1	46	0.15	0.043



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Project: FOM

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	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	Te
		ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		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	0.2
1335668	Soil	34	0.49	316	0.069	<1	1.31	0.017	0.06	0.1	0.04	4.1	<0.1	<0.05	4	<0.5	<0.2
1335669	Soil	71	0.66	291	0.080	<1	1.68	0.008	0.07	<0.1	0.03	4.2	0.2	<0.05	5	<0.5	<0.2
1335670	Soil	38	0.49	240	0.066	<1	1.66	0.009	0.06	0.1	0.04	3.3	0.1	<0.05	6	<0.5	<0.2
1335671	Soil	41	0.61	527	0.088	<1	1.85	0.009	0.12	0.1	0.05	5.3	0.1	<0.05	5	<0.5	<0.2
1335672	Soil	31	0.49	210	0.063	2	1.71	0.009	0.05	0.1	0.05	3.8	0.1	<0.05	5	<0.5	<0.2
1335673	Soil	38	0.57	392	0.068	1	1.90	0.008	0.07	0.1	0.07	5.7	0.1	<0.05	5	<0.5	<0.2
1335674	Soil	39	0.46	194	0.051	1	1.82	0.006	0.05	0.1	0.04	2.3	<0.1	<0.05	5	0.9	<0.2
1335675	Soil	35	0.53	329	0.069	1	1.75	0.008	0.07	0.1	0.05	4.9	0.1	<0.05	5	0.7	<0.2
1335676	Soil	32	0.48	219	0.066	1	1.80	0.008	0.06	<0.1	0.04	3.7	0.1	<0.05	5	<0.5	<0.2
1335677	Soil	37	0.45	324	0.070	1	1.44	0.007	0.06	0.1	0.03	3.4	0.1	<0.05	5	0.6	<0.2
1335678	Soil	46	0.52	960	0.064	1	1.79	0.008	0.05	0.1	0.05	4.4	0.1	<0.05	5	<0.5	<0.2
1335679	Soil	50	0.70	549	0.065	1	2.05	0.008	0.09	0.1	0.06	7.0	0.1	<0.05	6	0.6	<0.2
1335680	Soil	31	0.48	416	0.056	<1	1.66	0.008	0.05	0.1	0.05	3.9	<0.1	<0.05	5	<0.5	<0.2
1335681	Soil	35	0.49	377	0.066	1	1.79	0.009	0.05	0.1	0.06	4.4	0.1	<0.05	5	0.6	<0.2
1335682	Soil	33	0.46	263	0.057	1	1.82	0.010	0.06	0.1	0.04	3.4	0.1	<0.05	5	<0.5	<0.2
1335683	Soil	33	0.50	235	0.059	<1	1.89	0.009	0.07	0.1	0.07	3.7	0.1	<0.05	6	0.8	<0.2
1335684	Soil	40	0.68	342	0.082	<1	1.83	0.010	0.11	0.1	0.05	5.0	0.1	<0.05	5	0.7	<0.2
1335685	Soil	31	0.55	396	0.070	<1	1.46	0.011	0.06	0.2	0.04	3.8	0.1	<0.05	4	<0.5	<0.2
1335686	Soil	30	0.48	260	0.071	<1	1.33	0.013	0.05	0.1	0.05	3.5	<0.1	<0.05	4	0.5	<0.2
1335687	Soil	32	0.51	283	0.077	1	1.47	0.013	0.06	0.2	0.06	4.1	0.1	<0.05	4	<0.5	<0.2
1335688	Soil	28	0.31	160	0.053	<1	1.42	0.007	0.05	0.1	0.07	2.3	0.1	<0.05	5	1.5	0.2
1335689	Soil	31	0.39	81	0.063	<1	2.05	0.005	0.05	0.2	0.08	2.8	0.1	<0.05	6	0.6	<0.2
1335690	Soil	22	0.15	127	0.041	<1	0.86	0.003	0.06	<0.1	0.05	1.8	0.1	<0.05	4	1.1	0.3
1335691	Soil	24	0.19	268	0.040	<1	0.80	0.005	0.07	<0.1	0.04	2.1	0.2	<0.05	4	<0.5	<0.2
1335692	Soil	20	0.13	316	0.037	<1	0.94	0.004	0.05	<0.1	0.02	2.4	0.1	<0.05	5	0.6	0.2
1335701	Soil	26	0.51	640	0.083	<1	1.60	0.007	0.17	0.1	0.02	3.2	0.1	<0.05	5	<0.5	<0.2
1335702	Soil	28	0.50	634	0.084	<1	1.79	0.007	0.09	<0.1	0.02	2.9	0.1	<0.05	5	<0.5	<0.2
1335703	Soil	25	0.47	494	0.087	<1	1.62	0.009	0.08	0.1	0.03	2.6	0.1	<0.05	5	0.5	<0.2
1335704	Soil	28	0.47	499	0.095	<1	1.93	0.011	0.10	<0.1	0.03	2.8	0.1	<0.05	6	<0.5	<0.2
1335705	Soil	25	0.48	404	0.081	<1	1.55	0.007	0.10	<0.1	0.02	2.6	0.1	<0.05	5	<0.5	<0.2



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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	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1
1335706	Soil	1.1	26.4	8.7	64	0.4	19.1	10.1	472	2.35	6.9	3.9	3.2	21	0.2	0.4	0.2	48	0.16	0.053	17
1335707	Soil	1.3	25.6	9.2	54	0.5	18.3	6.7	215	2.13	6.5	193.5	3.0	18	0.2	0.4	0.1	45	0.16	0.045	15
1335708	Soil	1.4	34.7	7.7	63	0.4	19.0	8.9	451	2.14	5.3	14.3	3.8	17	0.2	0.3	0.1	39	0.13	0.047	16
1335709	Soil	1.6	41.1	10.2	85	1.0	26.6	19.4	1136	2.75	7.1	2.6	3.2	28	0.6	0.4	0.3	59	0.24	0.075	17
1335710	Soil	1.6	37.4	10.4	78	1.1	24.0	10.7	392	2.80	7.6	4.5	2.9	23	0.4	0.4	0.2	54	0.20	0.061	18
1335711	Soil	1.6	41.2	7.9	73	0.5	21.6	6.0	198	2.56	6.8	3.0	2.8	21	0.2	0.6	0.1	47	0.15	0.034	15
1335712	Soil	2.2	46.1	10.5	94	0.5	20.1	14.0	828	3.16	7.0	1.2	4.3	31	0.3	0.5	0.2	63	0.19	0.089	21
1335713	Soil	2.3	60.5	9.6	84	1.2	24.3	6.3	254	3.01	5.9	3.0	3.0	26	0.3	0.6	0.2	55	0.23	0.066	17
1335714	Soil	1.5	45.3	9.3	89	0.3	23.5	8.9	370	2.66	6.4	2.9	2.5	16	0.2	0.4	0.2	59	0.13	0.059	16
1335715	Soil	1.1	19.5	9.1	50	0.2	15.0	5.1	110	1.99	6.4	3.2	1.9	19	0.2	0.4	0.2	40	0.15	0.041	15
1335716	Soil	0.9	19.6	8.6	51	0.2	14.9	5.2	134	1.86	5.8	7.6	1.8	23	0.3	0.4	0.2	43	0.20	0.045	14
1335717	Soil	0.9	20.0	8.9	52	0.2	16.8	6.9	172	2.12	5.9	2.6	1.4	25	0.3	0.4	0.2	38	0.23	0.054	15
1335718	Soil	1.0	21.2	9.3	51	0.2	16.8	6.8	170	2.32	7.7	6.1	1.8	24	0.2	0.5	0.2	54	0.22	0.051	15
1335719	Soil	0.8	18.9	9.0	49	0.2	15.8	6.0	134	2.03	6.2	3.6	1.6	23	0.2	0.4	0.2	51	0.21	0.045	14
1335720	Soil	1.3	25.7	9.9	74	0.2	22.5	9.9	273	2.97	10.7	3.6	4.7	26	0.3	0.6	0.2	64	0.27	0.067	19
1335721	Soil	1.0	22.7	9.5	58	0.2	20.5	7.5	159	2.31	6.6	3.8	1.9	26	0.3	0.5	0.2	51	0.24	0.046	16
1335722	Soil	1.2	33.8	10.4	70	0.2	26.1	10.0	280	2.51	6.2	4.5	5.0	33	0.3	0.5	0.2	57	0.35	0.058	24
1335723	Soil	1.2	32.9	10.7	71	0.2	24.9	11.9	344	2.83	7.8	3.2	6.3	29	0.2	0.6	0.2	60	0.32	0.060	26
1335724	Soil	1.0	37.3	11.2	71	0.2	37.2	12.1	273	2.72	8.9	3.5	6.3	31	0.2	0.6	0.2	60	0.32	0.049	23
1335725	Soil	1.5	42.1	10.7	73	0.3	26.7	9.8	243	3.10	8.7	5.9	6.1	30	0.2	0.4	0.2	63	0.32	0.069	25
1335726	Soil	1.3	40.6	11.9	75	0.2	28.0	12.2	297	2.74	6.1	2.6	7.0	29	0.2	0.5	0.2	61	0.30	0.051	25
1335727	Soil	1.2	40.6	9.9	70	0.2	27.3	9.0	256	2.61	6.3	5.1	5.6	30	0.2	0.4	0.2	54	0.31	0.054	21
1335728	Soil	0.7	22.2	16.2	63	0.1	20.4	11.0	415	2.69	5.5	2.6	9.3	64	<0.1	0.6	0.3	48	0.55	0.046	27
1335729	Soil	0.2	11.2	18.0	38	<0.1	7.7	4.1	159	1.46	3.1	1.4	16.3	18	<0.1	0.4	0.2	16	0.20	0.008	41
1335730	Soil	1.3	17.5	13.2	58	<0.1	21.3	13.2	367	2.76	8.9	2.6	4.9	28	0.1	0.5	0.3	70	0.25	0.042	16
1335731	Soil	1.2	26.8	10.3	57	0.2	18.8	12.0	539	3.00	5.6	2.6	2.2	85	0.1	0.4	0.2	89	0.83	0.099	22
1335732	Soil	1.3	26.4	13.4	55	0.4	17.8	10.6	425	3.02	6.8	5.2	3.3	65	<0.1	0.5	0.3	84	0.60	0.103	24
1335733	Soil	1.8	33.6	9.6	87	0.2	19.8	18.2	1581	4.76	4.1	3.2	4.8	112	0.3	0.3	0.2	137	0.99	0.209	24
1335734	Soil	1.2	37.1	6.7	61	0.1	18.9	14.4	381	2.64	2.6	3.8	1.3	271	0.1	0.2	0.1	81	1.02	0.149	16
1335735	Soil	1.3	15.5	10.4	44	<0.1	18.5	10.3	297	3.45	9.6	2.7	3.5	29	<0.1	0.4	0.2	91	0.25	0.034	14



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	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	Te
		ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		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	0.2
1335706	Soil	27	0.44	819	0.075	<1	1.72	0.008	0.07	0.1	0.03	3.1	<0.1	<0.05	5	<0.5	<0.2
1335707	Soil	26	0.43	627	0.077	1	1.59	0.009	0.08	<0.1	0.04	2.7	0.1	<0.05	5	0.6	<0.2
1335708	Soil	25	0.47	663	0.079	<1	1.42	0.008	0.15	<0.1	0.03	2.6	0.1	<0.05	5	<0.5	<0.2
1335709	Soil	32	0.47	1450	0.065	1	2.19	0.012	0.11	<0.1	0.06	3.4	0.2	<0.05	7	<0.5	<0.2
1335710	Soil	33	0.52	1014	0.073	<1	2.06	0.009	0.10	<0.1	0.06	3.3	0.2	<0.05	7	0.6	<0.2
1335711	Soil	27	0.53	729	0.073	<1	1.60	0.010	0.10	<0.1	0.03	2.5	0.1	<0.05	5	0.8	<0.2
1335712	Soil	27	0.64	662	0.097	<1	1.86	0.012	0.20	<0.1	0.04	2.6	0.1	<0.05	6	1.1	<0.2
1335713	Soil	32	0.63	830	0.074	1	1.85	0.012	0.20	<0.1	0.05	3.0	0.2	0.12	6	1.8	<0.2
1335714	Soil	29	0.58	310	0.076	1	1.79	0.011	0.20	0.1	0.05	2.6	0.2	<0.05	6	0.7	<0.2
1335715	Soil	23	0.35	322	0.053	2	1.31	0.010	0.07	0.2	0.05	1.9	0.1	0.11	4	0.7	<0.2
1335716	Soil	22	0.35	371	0.044	<1	1.34	0.010	0.05	0.2	0.04	2.1	<0.1	0.10	4	0.6	<0.2
1335717	Soil	23	0.36	364	0.051	2	1.41	0.013	0.06	0.2	0.04	2.4	0.1	0.11	4	<0.5	<0.2
1335718	Soil	26	0.39	309	0.058	3	1.46	0.012	0.06	0.2	0.05	2.4	<0.1	0.07	5	<0.5	<0.2
1335719	Soil	25	0.39	257	0.060	2	1.45	0.012	0.05	0.2	0.03	2.1	0.1	0.08	5	0.6	<0.2
1335720	Soil	35	0.56	382	0.087	2	1.64	0.015	0.10	0.2	0.03	3.1	<0.1	<0.05	5	<0.5	<0.2
1335721	Soil	29	0.46	365	0.060	3	1.64	0.013	0.06	0.2	0.03	2.8	0.1	0.07	5	0.8	<0.2
1335722	Soil	35	0.62	452	0.094	2	1.80	0.015	0.17	0.2	0.03	3.5	0.1	0.06	5	0.5	<0.2
1335723	Soil	38	0.67	459	0.106	3	1.86	0.014	0.15	0.2	0.04	3.8	0.1	0.06	5	0.6	<0.2
1335724	Soil	50	0.73	450	0.115	2	2.05	0.014	0.16	0.1	0.02	3.7	0.1	0.05	6	<0.5	<0.2
1335725	Soil	37	0.66	377	0.111	<1	1.98	0.013	0.18	0.2	0.04	3.6	0.2	0.06	6	<0.5	<0.2
1335726	Soil	43	0.69	370	0.125	1	1.89	0.014	0.17	0.1	0.03	4.1	0.2	0.06	6	<0.5	<0.2
1335727	Soil	37	0.66	368	0.109	1	1.78	0.014	0.23	0.1	0.01	3.3	0.1	0.08	5	<0.5	<0.2
1335728	Soil	23	0.47	239	0.017	2	1.83	0.016	0.17	<0.1	0.04	4.8	0.2	<0.05	6	<0.5	<0.2
1335729	Soil	11	0.25	208	0.003	2	1.12	0.003	0.17	<0.1	<0.01	2.1	0.3	<0.05	4	0.5	<0.2
1335730	Soil	30	0.54	137	0.050	1	1.94	0.010	0.08	<0.1	0.02	3.2	0.1	<0.05	6	<0.5	<0.2
1335731	Soil	31	0.78	377	0.041	2	2.95	0.026	0.07	<0.1	0.06	6.6	<0.1	0.05	7	0.6	<0.2
1335732	Soil	33	0.57	320	0.012	<1	2.95	0.016	0.07	<0.1	0.10	7.2	0.2	<0.05	8	<0.5	<0.2
1335733	Soil	28	1.19	231	0.008	<1	3.47	0.025	0.13	<0.1	0.01	11.3	<0.1	<0.05	9	<0.5	<0.2
1335734	Soil	40	1.21	422	0.030	1	3.66	0.047	0.09	<0.1	0.03	7.0	0.1	<0.05	8	0.6	<0.2
1335735	Soil	32	0.58	159	0.135	1	2.86	0.015	0.06	0.1	0.03	3.3	<0.1	<0.05	8	0.6	<0.2



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Project: FOM

Report Date: October 06, 2011

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CERTIFICATE OF ANALYSIS

DAW11000245.2

	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	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
					ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
					0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1
1335736	Soil				1.1	19.0	10.0	26	<0.1	8.0	6.8	218	2.46	1.9	0.8	0.1	58	0.4	0.1	0.2	104	0.33	0.047	8
1335737	Soil				0.6	25.3	5.9	41	0.2	21.0	11.8	220	2.53	3.1	1.7	0.4	102	<0.1	0.2	<0.1	67	0.71	0.095	12
1335738	Soil				0.9	23.6	9.0	46	<0.1	12.1	11.1	344	3.12	4.8	1.5	0.8	69	0.3	0.2	0.1	103	0.60	0.072	10
1335739	Soil				0.8	24.2	8.1	50	0.2	19.0	9.0	213	2.35	6.0	2.0	1.0	61	0.1	0.4	0.1	69	0.43	0.075	16
1335740	Soil				0.8	27.2	7.8	59	0.2	13.9	12.6	445	3.50	3.3	2.8	1.5	118	<0.1	0.2	0.1	109	1.36	0.135	18
1335741	Soil				0.6	10.8	4.5	21	<0.1	3.3	2.7	121	1.36	1.5	1.3	0.1	19	<0.1	0.1	<0.1	60	0.10	0.029	4
1335742	Soil				0.5	8.5	3.0	12	0.2	3.3	2.0	61	0.94	1.5	1.3	<0.1	36	<0.1	0.1	<0.1	20	0.26	0.050	7
1335743	Soil				1.9	23.9	10.2	72	<0.1	11.8	17.1	761	4.37	4.1	2.0	1.2	100	<0.1	0.2	0.1	151	0.73	0.102	9
1335744	Soil				0.7	8.2	4.7	16	<0.1	3.9	2.3	78	1.16	2.3	0.9	<0.1	16	<0.1	0.2	<0.1	37	0.08	0.031	5
1335745	Soil				0.7	14.1	6.4	31	<0.1	9.2	4.9	220	1.56	2.9	1.5	0.4	49	0.1	0.2	0.1	51	0.35	0.052	10
1335746	Soil				1.2	17.1	9.2	62	<0.1	21.1	11.5	403	3.02	6.6	2.6	2.9	54	0.1	0.3	0.1	83	0.40	0.072	15
1335747	Soil				1.0	20.4	7.9	33	0.2	12.3	5.6	171	1.85	4.6	2.6	0.4	36	0.3	0.2	0.1	56	0.26	0.064	12
1335748	Soil				1.0	13.2	6.4	35	0.1	9.8	5.9	264	1.75	3.0	<0.5	0.2	62	0.1	0.2	<0.1	57	0.36	0.056	8
1335749	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.
1335750	Soil				2.0	26.8	13.4	61	0.1	18.0	12.8	538	3.52	4.3	1.8	1.6	128	0.1	0.2	0.1	107	1.08	0.124	15
1335856	Soil				0.4	27.8	4.6	42	<0.1	13.6	10.5	300	2.54	4.6	2.1	2.3	16	<0.1	0.3	0.2	66	0.23	0.034	8
1335857	Soil				0.5	16.4	4.5	56	<0.1	11.4	14.7	372	3.34	8.6	2.5	2.0	10	<0.1	0.3	0.2	88	0.21	0.038	6
1335858	Soil				0.4	30.0	3.2	58	<0.1	19.1	17.5	650	3.86	4.6	1.7	1.6	17	0.1	0.3	0.1	107	0.35	0.045	6
1335859	Soil				0.5	15.7	4.8	33	<0.1	13.3	9.6	257	2.31	5.5	2.5	2.3	11	<0.1	0.3	0.1	60	0.21	0.043	9
1335860	Soil				0.4	17.2	4.9	46	<0.1	18.1	7.9	236	2.32	4.3	2.1	0.8	11	0.1	0.2	<0.1	66	0.20	0.030	5
1335861	Soil				0.5	14.9	4.5	52	<0.1	27.8	13.0	407	2.76	4.8	1.3	1.7	13	0.1	0.2	<0.1	69	0.33	0.082	6
1335862	Soil				0.6	20.8	3.8	76	<0.1	11.0	13.3	321	3.35	3.8	0.9	2.5	13	0.1	0.3	<0.1	60	0.18	0.025	15
1335863	Soil				0.9	19.4	6.8	53	<0.1	19.6	11.0	425	2.98	6.9	4.0	4.8	16	0.1	0.4	0.1	45	0.21	0.057	15
1335864	Soil				1.7	49.0	4.5	99	<0.1	17.4	12.8	790	3.10	2.7	5.9	3.9	13	0.2	0.1	<0.1	26	0.30	0.073	21
1335865	Soil				1.7	131.7	6.6	47	<0.1	12.3	13.7	370	2.84	6.9	2.2	8.3	11	0.2	0.2	0.6	23	0.26	0.087	25
1335866	Soil				1.3	48.0	6.5	78	<0.1	16.5	11.6	704	3.03	3.7	2.6	4.2	14	0.3	0.2	0.2	45	0.22	0.043	16
1335867	Soil				0.8	29.4	8.2	88	<0.1	24.8	11.7	464	3.21	7.8	2.6	3.8	18	0.1	0.4	0.1	53	0.26	0.048	15
1335868	Soil				0.7	11.3	4.8	104	<0.1	12.2	13.3	1163	3.85	2.9	0.7	1.8	16	0.3	0.1	<0.1	72	0.33	0.065	6
1335869	Soil				1.4	106.2	3.9	59	<0.1	68.5	23.8	315	3.68	1.3	1.2	1.9	10	<0.1	<0.1	<0.1	109	0.30	0.074	7
1335870	Soil				0.6	75.9	1.7	53	<0.1	87.7	24.1	253	3.33	2.1	<0.5	1.1	12	<0.1	<0.1	<0.1	101	0.60	0.102	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
		Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	Te
		ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		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	0.2
1335736	Soil	35	0.46	117	0.110	3	0.99	0.027	0.14	<0.1	0.02	1.5	<0.1	0.05	6	<0.5	<0.2
1335737	Soil	27	0.93	145	0.063	2	2.57	0.041	0.04	<0.1	0.03	3.5	<0.1	<0.05	6	<0.5	<0.2
1335738	Soil	24	0.82	147	0.144	2	2.87	0.023	0.08	<0.1	0.02	3.6	<0.1	<0.05	8	<0.5	<0.2
1335739	Soil	29	0.59	176	0.072	2	2.41	0.022	0.07	0.1	0.04	3.3	0.1	<0.05	6	<0.5	<0.2
1335740	Soil	28	0.99	168	0.116	2	3.78	0.037	0.06	<0.1	0.03	7.1	<0.1	<0.05	8	0.6	<0.2
1335741	Soil	10	0.13	49	0.081	1	0.73	0.025	0.03	<0.1	0.02	0.7	<0.1	<0.05	4	<0.5	<0.2
1335742	Soil	7	0.12	63	0.027	2	1.17	0.032	0.02	<0.1	0.03	1.0	<0.1	<0.05	3	<0.5	<0.2
1335743	Soil	26	1.39	302	0.127	1	4.33	0.052	0.15	<0.1	0.02	6.0	<0.1	<0.05	11	<0.5	<0.2
1335744	Soil	10	0.10	39	0.034	1	0.82	0.024	0.03	<0.1	0.02	0.3	<0.1	<0.05	4	<0.5	<0.2
1335745	Soil	18	0.34	99	0.075	2	1.54	0.027	0.04	<0.1	0.03	1.5	<0.1	<0.05	5	<0.5	<0.2
1335746	Soil	35	0.73	207	0.112	2	3.21	0.023	0.06	0.1	0.02	4.1	<0.1	<0.05	7	<0.5	<0.2
1335747	Soil	22	0.39	130	0.052	<1	1.88	0.020	0.04	<0.1	0.02	1.7	0.1	<0.05	5	<0.5	<0.2
1335748	Soil	18	0.39	108	0.065	<1	1.54	0.025	0.05	<0.1	0.03	1.4	<0.1	<0.05	5	<0.5	<0.2
1335749	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.
1335750	Soil	30	0.99	191	0.076	<1	3.44	0.052	0.06	0.1	0.02	5.1	<0.1	<0.05	8	<0.5	<0.2
1335856	Soil	35	0.78	222	0.072	1	1.45	0.009	0.14	<0.1	0.01	5.7	<0.1	<0.05	5	<0.5	<0.2
1335857	Soil	29	1.11	209	0.110	1	2.09	0.012	0.22	0.1	0.02	6.6	<0.1	<0.05	7	<0.5	<0.2
1335858	Soil	54	1.84	255	0.123	1	2.20	0.009	0.06	<0.1	0.01	7.6	<0.1	<0.05	8	<0.5	<0.2
1335859	Soil	24	0.67	269	0.082	<1	1.48	0.011	0.17	0.1	0.01	3.8	<0.1	<0.05	5	<0.5	<0.2
1335860	Soil	48	0.75	172	0.094	<1	1.29	0.009	0.05	<0.1	<0.01	2.9	<0.1	<0.05	6	<0.5	<0.2
1335861	Soil	82	1.02	284	0.083	1	1.72	0.010	0.14	<0.1	0.01	4.8	<0.1	<0.05	5	<0.5	<0.2
1335862	Soil	18	1.26	251	0.105	<1	2.36	0.007	0.25	<0.1	<0.01	5.0	0.1	<0.05	6	<0.5	<0.2
1335863	Soil	26	0.69	229	0.062	<1	1.80	0.007	0.12	0.1	0.04	4.9	<0.1	<0.05	5	0.7	<0.2
1335864	Soil	27	1.05	291	0.057	<1	1.80	0.004	0.20	<0.1	0.02	4.8	0.1	<0.05	4	0.8	<0.2
1335865	Soil	11	0.57	100	0.019	<1	1.24	0.003	0.05	<0.1	0.01	2.9	<0.1	<0.05	4	1.5	<0.2
1335866	Soil	30	0.93	257	0.072	<1	1.89	0.006	0.21	<0.1	0.02	4.7	0.1	<0.05	5	0.5	<0.2
1335867	Soil	43	0.94	370	0.094	<1	1.98	0.009	0.28	0.1	0.04	4.9	0.1	<0.05	6	0.5	<0.2
1335868	Soil	46	1.73	495	0.120	<1	2.48	0.010	0.58	<0.1	0.01	6.4	0.2	<0.05	8	<0.5	<0.2
1335869	Soil	111	1.54	411	0.186	<1	2.35	0.012	0.57	<0.1	<0.01	6.8	0.3	<0.05	10	<0.5	<0.2
1335870	Soil	126	1.55	408	0.192	<1	2.18	0.017	0.51	<0.1	<0.01	4.8	0.1	<0.05	7	0.6	<0.2



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CERTIFICATE OF ANALYSIS

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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	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1
1335871	Soil	0.6	69.7	2.1	22	<0.1	43.7	17.2	346	2.15	1.9	0.6	0.7	8	<0.1	0.1	<0.1	65	0.39	0.049	5
1335872	Soil	0.5	62.9	2.2	21	<0.1	28.3	16.3	333	2.11	2.2	<0.5	0.3	5	<0.1	0.1	<0.1	65	0.26	0.030	2
1335873	Soil	0.6	35.1	2.9	27	<0.1	62.5	17.4	296	2.18	2.8	<0.5	0.6	11	<0.1	0.1	<0.1	57	0.35	0.078	3
1335874	Soil	0.3	58.6	2.2	23	<0.1	74.6	17.3	178	2.09	2.0	<0.5	0.7	20	<0.1	0.2	<0.1	55	0.42	0.044	2
1335875	Soil	0.2	27.6	1.0	23	<0.1	70.2	17.7	270	1.90	0.9	<0.5	0.4	12	<0.1	<0.1	<0.1	52	0.35	0.063	3
1335876	Soil	0.1	44.7	1.5	24	<0.1	67.6	14.4	189	1.89	1.4	0.5	0.4	11	<0.1	<0.1	<0.1	45	0.59	0.074	2
1335877	Soil	0.3	76.4	4.0	30	<0.1	69.3	12.5	305	1.91	4.0	1.2	1.0	11	<0.1	0.2	<0.1	44	0.36	0.034	5
1335878	Soil	0.3	35.1	0.5	31	<0.1	78.6	18.4	296	2.23	0.5	<0.5	0.1	20	<0.1	<0.1	<0.1	54	0.57	0.079	1
1335879	Soil	0.3	60.1	2.5	26	<0.1	70.6	12.3	164	1.65	4.0	1.1	0.7	14	<0.1	0.1	<0.1	38	0.29	0.017	3
1335880	Soil	0.2	26.7	2.5	23	<0.1	15.6	15.3	209	1.80	1.8	<0.5	0.9	23	<0.1	<0.1	<0.1	41	0.53	0.027	3
1335881	Soil	0.4	29.4	6.1	43	0.1	27.9	14.7	465	2.51	6.7	1.7	1.8	25	0.2	0.4	<0.1	56	0.73	0.031	9
1335882	Soil	0.5	40.6	8.9	58	0.2	33.4	14.9	317	2.51	6.6	6.7	2.4	20	0.5	0.8	0.1	62	0.54	0.069	15
1335883	Soil	0.9	21.2	5.8	51	<0.1	12.6	12.5	377	3.59	4.4	2.8	1.8	77	<0.1	0.2	<0.1	122	0.60	0.104	13
1335884	Soil	0.6	15.9	8.1	50	<0.1	16.5	10.6	333	2.68	6.9	2.1	2.3	27	0.1	0.4	0.1	65	0.25	0.069	11
1335885	Soil	1.0	14.9	8.4	55	<0.1	18.0	17.2	596	3.32	8.7	1.9	3.4	23	<0.1	0.4	0.1	82	0.17	0.064	12
1335886	Soil	0.6	12.6	9.7	49	<0.1	16.8	9.3	306	2.80	6.7	3.1	2.3	41	<0.1	0.3	0.1	70	0.29	0.063	11
1335887	Soil	0.7	12.1	7.1	43	<0.1	12.8	9.2	486	2.89	4.5	2.3	2.1	37	<0.1	0.2	0.1	89	0.41	0.062	12
1335888	Soil	1.2	13.9	7.2	57	<0.1	18.9	14.0	489	3.71	6.5	1.0	2.5	54	0.2	0.3	0.1	117	0.27	0.082	12
1335889	Soil	0.8	15.1	6.7	54	<0.1	14.2	11.7	394	3.12	6.9	1.9	2.7	31	0.1	0.3	<0.1	93	0.32	0.097	12
1335890	Soil	0.9	18.0	6.0	54	<0.1	16.8	11.8	375	3.03	7.0	1.4	2.3	34	0.1	0.3	0.1	103	0.35	0.085	10
1335891	Soil	0.7	13.8	7.3	34	<0.1	9.4	7.2	208	2.49	4.5	1.6	0.5	34	<0.1	0.2	0.1	93	0.30	0.055	9
1335892	Soil	1.3	14.2	3.7	57	<0.1	7.6	12.2	395	3.94	2.8	<0.5	1.7	48	<0.1	<0.1	<0.1	163	0.58	0.120	12
1335893	Soil	1.1	11.2	5.1	53	<0.1	10.6	9.8	394	3.31	5.2	1.8	2.3	46	<0.1	0.2	<0.1	109	0.37	0.090	13
1335894	Soil	0.8	11.8	5.8	31	<0.1	9.7	6.2	153	2.44	2.9	1.2	0.4	33	<0.1	0.2	0.1	101	0.32	0.046	7
1335895	Soil	1.0	14.9	6.0	58	<0.1	16.3	11.6	511	3.39	6.1	2.4	3.3	49	<0.1	0.3	0.1	96	0.37	0.085	14
1335896	Soil	1.2	13.7	2.0	71	<0.1	9.3	13.3	528	4.86	1.0	1.4	2.5	117	<0.1	<0.1	<0.1	171	1.05	0.186	16
1335897	Soil	1.1	20.2	8.4	50	<0.1	19.5	10.1	358	2.95	8.5	3.5	2.7	30	<0.1	0.4	0.1	68	0.32	0.073	14
1335898	Soil	0.8	21.4	5.0	61	<0.1	16.9	17.5	1136	4.09	3.8	3.3	2.5	26	0.1	0.2	<0.1	108	0.41	0.130	12
1335899	Soil	1.0	18.8	7.5	42	<0.1	15.2	8.9	238	2.62	7.1	1.7	0.8	20	0.1	0.3	0.1	62	0.20	0.058	12
1335900	Soil	0.9	21.0	8.3	54	<0.1	17.0	9.4	367	2.87	6.0	1.9	2.3	41	<0.1	0.4	0.1	74	0.43	0.076	15



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Project: FOM

Report Date: October 06, 2011

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	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	Te
		ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		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	0.2
1335871	Soil	57	0.84	76	0.099	<1	1.32	0.024	0.07	<0.1	<0.01	4.9	<0.1	<0.05	4	<0.5	<0.2
1335872	Soil	57	0.74	46	0.122	<1	1.24	0.018	0.03	<0.1	<0.01	3.7	<0.1	<0.05	4	<0.5	<0.2
1335873	Soil	67	0.98	78	0.088	<1	1.45	0.013	0.03	<0.1	<0.01	3.8	<0.1	<0.05	4	<0.5	<0.2
1335874	Soil	70	0.91	106	0.156	<1	1.80	0.017	0.04	<0.1	<0.01	3.6	<0.1	<0.05	4	<0.5	<0.2
1335875	Soil	102	1.13	78	0.114	<1	1.61	0.015	0.03	<0.1	<0.01	4.0	<0.1	<0.05	4	<0.5	<0.2
1335876	Soil	72	0.98	95	0.103	<1	1.36	0.019	0.05	<0.1	<0.01	3.7	<0.1	<0.05	4	<0.5	<0.2
1335877	Soil	92	0.97	84	0.062	<1	1.36	0.012	0.03	<0.1	0.02	4.1	<0.1	<0.05	3	<0.5	<0.2
1335878	Soil	113	1.41	95	0.096	<1	1.48	0.021	0.11	<0.1	<0.01	4.2	<0.1	<0.05	4	<0.5	<0.2
1335879	Soil	115	1.03	61	0.074	<1	1.37	0.010	0.02	<0.1	<0.01	2.5	<0.1	<0.05	3	<0.5	<0.2
1335880	Soil	44	1.28	132	0.070	<1	1.61	0.009	0.02	<0.1	<0.01	3.7	<0.1	<0.05	3	<0.5	<0.2
1335881	Soil	52	1.07	258	0.049	<1	1.84	0.012	0.04	0.1	0.04	5.5	<0.1	<0.05	4	0.5	<0.2
1335882	Soil	48	0.58	322	0.026	1	1.37	0.009	0.03	0.3	0.14	7.4	0.1	<0.05	4	1.0	<0.2
1335883	Soil	25	0.90	202	0.097	<1	2.36	0.043	0.07	<0.1	0.02	5.7	<0.1	<0.05	7	<0.5	<0.2
1335884	Soil	32	0.56	179	0.041	<1	2.11	0.012	0.03	0.1	0.03	3.9	0.2	<0.05	5	<0.5	<0.2
1335885	Soil	35	0.64	150	0.052	1	2.97	0.011	0.04	0.1	0.03	5.8	0.4	<0.05	6	<0.5	<0.2
1335886	Soil	34	0.59	173	0.041	<1	2.10	0.009	0.04	<0.1	0.03	4.0	0.2	<0.05	6	<0.5	<0.2
1335887	Soil	32	0.66	191	0.037	<1	1.92	0.014	0.03	<0.1	0.03	5.2	0.4	<0.05	6	<0.5	<0.2
1335888	Soil	35	0.81	246	0.108	1	2.61	0.016	0.05	0.1	0.03	5.2	0.2	<0.05	7	<0.5	<0.2
1335889	Soil	25	0.70	175	0.100	1	2.31	0.019	0.07	0.1	0.03	4.5	<0.1	<0.05	6	<0.5	<0.2
1335890	Soil	27	0.78	201	0.103	1	2.05	0.026	0.09	0.1	0.02	4.4	0.2	<0.05	5	<0.5	<0.2
1335891	Soil	21	0.45	142	0.056	1	1.78	0.017	0.04	<0.1	0.04	2.7	<0.1	<0.05	7	<0.5	<0.2
1335892	Soil	17	1.17	162	0.151	1	2.24	0.058	0.15	<0.1	0.03	5.0	<0.1	<0.05	8	<0.5	<0.2
1335893	Soil	21	0.82	190	0.103	2	1.99	0.026	0.08	0.1	0.02	4.4	<0.1	<0.05	6	<0.5	<0.2
1335894	Soil	27	0.61	130	0.079	2	1.49	0.024	0.04	<0.1	0.04	2.4	<0.1	0.07	6	<0.5	<0.2
1335895	Soil	25	0.83	207	0.111	1	1.98	0.020	0.09	0.1	0.03	4.4	0.1	<0.05	5	<0.5	<0.2
1335896	Soil	19	1.49	204	0.121	<1	2.63	0.071	0.15	<0.1	0.02	7.6	<0.1	<0.05	7	<0.5	<0.2
1335897	Soil	28	0.54	221	0.058	1	2.10	0.012	0.05	0.1	0.03	4.3	0.3	<0.05	6	<0.5	<0.2
1335898	Soil	28	0.88	291	0.040	<1	3.52	0.014	0.06	<0.1	0.03	7.6	0.2	<0.05	8	1.1	<0.2
1335899	Soil	24	0.43	175	0.050	<1	2.04	0.013	0.04	<0.1	0.04	2.8	<0.1	<0.05	6	<0.5	<0.2
1335900	Soil	29	0.61	190	0.064	1	1.90	0.017	0.05	0.1	0.04	4.7	<0.1	<0.05	5	0.6	<0.2



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Report Date: October 06, 2011

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CERTIFICATE OF ANALYSIS

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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			
					Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
					ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
					0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1
1335901	Soil		0.8	18.5	7.3	46	<0.1	16.2	9.0	325	2.65	6.3	3.9	1.8	44	<0.1	0.3	0.1	71	0.28	0.063	14		
1335902	Soil		1.0	23.8	7.2	53	<0.1	14.8	14.3	378	4.48	4.7	1.1	2.6	107	0.1	0.2	0.1	156	0.79	0.145	16		
1335903	Soil		0.8	22.8	7.6	45	<0.1	17.7	12.0	347	3.45	6.6	1.4	3.2	65	<0.1	0.3	0.1	96	0.42	0.078	15		
1335904	Soil		0.7	20.2	7.6	48	<0.1	18.2	10.0	342	2.75	6.8	5.1	2.3	39	<0.1	0.3	0.1	66	0.34	0.078	13		
1335905	Soil		0.7	16.6	8.9	47	0.1	14.4	7.0	191	2.64	6.8	2.2	0.9	38	<0.1	0.2	0.2	66	0.27	0.092	12		
1335906	Soil		0.8	25.0	9.7	60	<0.1	22.5	11.6	450	3.02	8.4	4.4	4.1	32	<0.1	0.4	0.2	73	0.35	0.046	15		
1335907	Soil		0.8	19.3	9.9	43	<0.1	15.3	7.3	219	2.50	6.7	5.0	1.3	30	<0.1	0.3	0.2	64	0.23	0.106	13		
1335908	Soil		0.9	17.9	9.3	48	<0.1	15.8	8.9	279	2.99	7.0	1.9	1.8	36	<0.1	0.2	0.2	75	0.27	0.055	11		
1335909	Soil		0.7	17.8	7.8	49	<0.1	16.0	8.7	327	2.48	5.6	4.0	1.5	50	<0.1	0.3	0.1	66	0.36	0.055	15		
1335910	Soil		0.5	30.6	4.9	62	<0.1	15.1	16.5	500	4.02	3.0	2.2	2.4	256	<0.1	0.1	<0.1	113	0.82	0.102	12		
1335911	Soil		0.6	26.1	7.6	55	<0.1	20.8	12.1	385	3.20	7.1	1.0	2.9	60	<0.1	0.2	0.1	90	0.46	0.070	12		
1335912	Soil		0.8	22.2	9.4	62	0.1	22.0	7.8	234	2.54	9.4	5.6	4.0	11	<0.1	0.4	0.1	43	0.15	0.049	19		
1335913	Soil		1.2	26.7	14.6	87	0.2	26.8	11.3	499	3.06	14.2	8.9	6.4	9	<0.1	0.3	0.2	45	0.11	0.045	28		
1335914	Soil		0.9	23.1	11.3	78	0.1	22.0	8.5	347	2.74	9.4	8.0	5.1	10	0.2	0.5	0.2	42	0.14	0.045	24		
1335915	Soil		1.0	27.2	11.1	77	0.3	23.4	8.9	260	2.73	9.0	7.0	3.9	12	0.1	0.6	0.2	39	0.13	0.054	29		
1335916	Soil		1.0	26.9	13.9	80	0.2	22.3	7.9	221	2.67	6.7	2.4	5.1	10	0.2	0.4	0.2	39	0.10	0.038	35		
1335917	Soil		0.9	23.8	9.9	70	0.2	22.5	8.8	281	2.64	9.3	6.5	4.6	9	0.1	0.4	0.2	38	0.13	0.046	28		
1335918	Soil		1.1	33.4	13.1	81	0.2	26.8	10.4	436	3.04	9.1	5.9	3.5	8	0.1	0.4	0.3	39	0.09	0.062	31		
1335919	Soil		1.0	41.7	12.4	104	0.3	38.4	12.7	379	3.41	8.6	7.4	9.5	10	0.1	0.4	0.3	44	0.11	0.048	34		
1335920	Soil		1.1	19.6	12.0	68	0.4	18.6	7.5	311	2.74	6.9	1.6	1.0	8	0.1	0.4	0.2	39	0.11	0.055	22		
1335921	Soil		1.6	32.0	12.8	100	0.5	29.9	11.4	507	3.38	7.1	7.0	2.0	12	0.1	0.6	0.3	48	0.14	0.079	29		
1335922	Soil		1.1	16.4	11.5	72	0.2	23.3	9.9	323	2.99	9.1	6.7	5.1	12	0.2	0.4	0.2	53	0.13	0.056	17		
1335923	Soil		1.2	26.7	15.3	168	0.1	29.2	10.9	338	3.23	7.9	6.5	3.3	12	0.3	0.5	0.2	55	0.15	0.050	20		
1335924	Soil		1.0	22.2	11.3	71	<0.1	21.5	7.4	180	2.68	6.7	1.2	1.0	12	0.1	0.4	0.2	53	0.13	0.044	18		
1335925	Soil		1.2	36.7	11.4	77	0.2	24.7	8.0	210	2.98	4.7	5.4	0.5	11	0.2	0.3	0.3	46	0.10	0.074	30		
1335926	Soil		1.0	21.0	8.2	55	<0.1	21.2	7.4	182	2.49	6.8	3.3	1.8	14	0.1	0.4	0.2	46	0.19	0.053	13		
1335927	Soil		1.8	18.2	12.2	56	0.2	16.6	7.6	260	4.08	12.5	2.4	2.8	10	0.2	0.6	0.2	77	0.09	0.030	11		
1335928	Soil		1.5	25.4	11.6	64	0.1	26.4	9.3	272	2.93	10.5	3.4	4.4	11	0.2	0.6	0.3	61	0.09	0.025	12		
1335929	Soil		1.2	28.1	12.1	74	0.1	25.0	11.8	512	2.88	8.7	5.9	2.2	12	0.2	0.5	0.3	52	0.12	0.075	19		
1335930	Soil		1.0	17.1	12.1	46	<0.1	14.3	5.0	149	2.17	6.3	4.6	1.0	8	<0.1	0.4	0.3	50	0.07	0.041	14		



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	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	Te
		ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		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	0.2
1335901	Soil	26	0.52	187	0.060	1	1.89	0.013	0.04	0.1	0.02	3.7	0.1	<0.05	6	<0.5	<0.2
1335902	Soil	26	1.02	266	0.108	<1	3.16	0.046	0.10	0.1	0.03	5.8	0.1	<0.05	9	0.8	<0.2
1335903	Soil	31	0.75	248	0.082	<1	2.78	0.019	0.05	<0.1	0.02	5.2	<0.1	<0.05	7	<0.5	<0.2
1335904	Soil	28	0.61	212	0.059	<1	1.98	0.013	0.04	<0.1	0.03	3.7	<0.1	<0.05	6	<0.5	<0.2
1335905	Soil	29	0.50	156	0.048	<1	2.19	0.010	0.05	0.1	0.05	3.0	0.1	<0.05	6	<0.5	<0.2
1335906	Soil	36	0.64	318	0.069	<1	2.41	0.012	0.05	0.1	0.04	5.6	<0.1	<0.05	6	<0.5	<0.2
1335907	Soil	25	0.42	163	0.042	<1	2.03	0.010	0.04	<0.1	0.03	3.6	<0.1	<0.05	7	0.5	<0.2
1335908	Soil	26	0.53	181	0.050	<1	2.64	0.011	0.04	0.1	0.03	3.7	<0.1	<0.05	8	0.8	<0.2
1335909	Soil	24	0.54	188	0.076	<1	1.79	0.016	0.04	<0.1	0.03	3.4	<0.1	<0.05	5	<0.5	<0.2
1335910	Soil	25	1.50	225	0.046	<1	3.61	0.043	0.04	<0.1	0.02	6.7	<0.1	<0.05	8	<0.5	<0.2
1335911	Soil	35	0.88	185	0.098	<1	2.40	0.017	0.04	<0.1	0.02	5.6	<0.1	<0.05	6	<0.5	<0.2
1335912	Soil	25	0.37	98	0.051	<1	1.43	0.006	0.16	0.1	0.03	2.4	0.2	<0.05	4	<0.5	<0.2
1335913	Soil	26	0.35	131	0.036	<1	1.45	0.005	0.22	0.1	0.02	2.6	0.2	<0.05	4	1.2	<0.2
1335914	Soil	22	0.34	116	0.029	<1	1.28	0.005	0.16	0.1	0.04	2.5	0.2	<0.05	4	<0.5	<0.2
1335915	Soil	25	0.40	126	0.034	<1	1.56	0.008	0.19	<0.1	0.05	2.8	0.2	<0.05	4	0.9	<0.2
1335916	Soil	20	0.32	147	0.030	<1	1.35	0.005	0.20	<0.1	0.03	2.4	0.2	<0.05	4	<0.5	<0.2
1335917	Soil	22	0.36	107	0.047	<1	1.31	0.005	0.23	<0.1	0.03	2.2	0.2	<0.05	4	0.5	<0.2
1335918	Soil	25	0.32	111	0.034	1	1.44	0.004	0.24	<0.1	0.04	2.3	0.2	<0.05	4	0.9	<0.2
1335919	Soil	28	0.47	176	0.059	<1	1.68	0.005	0.32	<0.1	0.03	3.7	0.3	<0.05	4	0.7	<0.2
1335920	Soil	21	0.27	81	0.025	<1	1.13	0.004	0.15	<0.1	0.06	1.4	0.2	<0.05	4	0.6	<0.2
1335921	Soil	29	0.39	182	0.023	<1	1.85	0.010	0.18	<0.1	0.07	2.9	0.2	0.06	5	0.7	<0.2
1335922	Soil	29	0.39	177	0.046	<1	1.88	0.007	0.09	0.1	0.05	3.1	0.2	<0.05	5	<0.5	<0.2
1335923	Soil	29	0.51	212	0.074	1	1.84	0.007	0.20	<0.1	0.03	2.9	0.3	<0.05	5	0.9	<0.2
1335924	Soil	27	0.40	149	0.046	<1	1.60	0.005	0.13	<0.1	0.05	1.9	0.2	<0.05	5	<0.5	<0.2
1335925	Soil	25	0.33	149	0.030	<1	1.62	0.005	0.19	<0.1	0.04	1.5	0.2	0.07	5	1.2	<0.2
1335926	Soil	26	0.42	145	0.046	<1	1.65	0.007	0.05	0.1	0.04	2.4	<0.1	<0.05	5	0.7	<0.2
1335927	Soil	29	0.36	129	0.051	<1	1.80	0.006	0.04	0.2	0.04	2.4	0.1	<0.05	7	<0.5	<0.2
1335928	Soil	32	0.51	183	0.051	2	2.05	0.007	0.04	0.2	0.04	3.1	<0.1	<0.05	6	<0.5	<0.2
1335929	Soil	28	0.44	135	0.041	2	1.51	0.007	0.10	0.1	0.04	2.1	0.1	<0.05	5	<0.5	<0.2
1335930	Soil	23	0.33	102	0.037	<1	1.32	0.006	0.05	<0.1	0.03	1.4	0.1	<0.05	5	<0.5	<0.2



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Part 1

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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	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
					ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
					0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1
1335931	Soil				1.0	24.5	49.5	63	<0.1	21.4	7.6	253	2.51	7.7	3.1	3.9	11	0.1	0.5	0.2	50	0.10	0.033	16
1335932	Soil				0.9	23.3	9.2	67	<0.1	23.0	8.3	253	2.55	6.2	2.4	4.9	9	0.1	0.5	0.2	45	0.09	0.036	18
1335933	Soil				0.9	24.4	10.7	74	<0.1	28.2	11.8	424	2.69	8.5	3.4	5.1	10	0.2	0.6	0.3	50	0.11	0.042	15
1335934	Soil				1.2	21.6	13.7	71	<0.1	20.7	7.9	278	2.88	7.0	3.2	2.1	9	0.1	0.4	0.3	50	0.08	0.056	18
1335935	Soil				1.4	32.4	14.3	87	<0.1	27.6	10.7	479	3.32	7.1	3.4	4.9	10	0.1	0.5	0.4	59	0.08	0.042	23
1335936	Soil				1.1	28.7	11.3	87	<0.1	23.4	9.9	323	2.74	6.0	1.2	3.6	9	0.2	0.5	0.2	51	0.09	0.047	19
1335937	Soil				1.1	29.0	15.2	85	<0.1	26.0	8.0	325	2.67	6.9	3.4	3.0	12	<0.1	0.4	0.2	48	0.11	0.045	22
1335938	Soil				1.1	29.1	14.0	98	<0.1	26.3	7.9	250	2.81	7.7	1.9	2.1	10	0.2	0.4	0.2	47	0.09	0.041	24
1335957	Soil				0.9	14.2	11.2	35	<0.1	16.2	7.8	175	2.54	9.1	2.4	3.9	13	0.1	0.3	0.2	56	0.09	0.026	11
1335958	Soil				0.5	17.1	12.4	76	<0.1	29.9	12.9	254	2.88	9.3	1.0	7.6	20	<0.1	0.3	0.1	44	0.40	0.035	24
1335959	Soil				0.6	26.8	11.6	61	<0.1	28.6	9.3	187	2.45	6.3	4.6	8.9	19	<0.1	0.4	0.2	44	0.21	0.021	35
1335960	Soil				1.3	38.2	9.9	85	0.3	31.5	7.8	236	2.66	6.7	4.5	4.1	15	0.1	0.3	0.2	41	0.11	0.042	23
1335961	Soil				1.0	34.5	12.6	53	0.2	20.2	5.8	199	2.55	7.5	2.7	5.8	23	<0.1	0.4	0.3	43	0.18	0.041	30
1335962	Soil				0.7	27.3	10.6	54	<0.1	23.8	9.8	252	2.55	7.5	2.5	10.0	19	<0.1	0.5	0.2	41	0.18	0.045	38
1335963	Soil				1.3	35.6	11.3	69	0.1	27.1	9.3	224	2.65	9.4	1.9	12.0	14	0.2	0.3	0.3	35	0.10	0.065	53
1335964	Soil				0.4	16.2	5.2	13	<0.1	6.4	2.6	179	0.83	2.4	<0.5	<0.1	11	0.2	0.1	0.1	19	0.06	0.041	8
1335965	Soil				0.2	9.1	3.9	9	<0.1	3.8	1.5	38	0.69	1.6	0.6	<0.1	15	0.1	0.1	<0.1	14	0.09	0.028	6
1335966	Soil				0.9	31.6	14.7	46	0.1	19.0	5.0	101	2.16	8.3	1.8	6.5	17	<0.1	0.3	0.2	39	0.16	0.082	31
1335967	Soil				0.9	30.7	11.1	63	0.1	20.8	7.5	235	2.05	5.7	1.4	6.0	20	0.1	0.4	0.1	35	0.19	0.046	23
1335968	Soil				1.4	49.1	16.1	53	0.4	22.5	8.3	249	2.86	10.4	2.5	1.8	31	0.3	0.4	0.3	52	0.19	0.078	24
1335969	Soil				0.9	30.1	13.4	76	0.1	24.2	7.8	204	2.19	5.6	2.2	7.9	17	0.1	0.4	0.2	33	0.18	0.064	48
1335970	Soil				0.9	24.2	10.6	55	0.1	17.3	5.5	132	1.92	5.4	0.7	3.1	17	0.2	0.3	0.2	32	0.17	0.065	36
1335971	Soil				0.9	28.1	11.3	64	0.1	20.6	6.5	166	2.12	6.0	1.8	6.3	17	0.1	0.3	0.2	34	0.18	0.053	40
1335972	Soil				1.0	25.2	10.6	60	<0.1	18.6	7.5	179	2.27	6.8	4.1	4.6	19	<0.1	0.4	0.2	41	0.19	0.052	27
1335973	Soil				0.9	30.6	11.3	62	0.2	23.0	6.6	188	2.24	7.6	2.0	5.0	24	0.2	0.4	0.2	39	0.24	0.059	29
1335974	Soil				0.8	22.8	11.1	58	<0.1	19.6	6.0	175	2.01	6.4	0.7	7.6	20	0.1	0.4	0.2	32	0.21	0.052	34
1335975	Soil				0.6	27.8	11.5	67	0.1	20.3	7.0	142	2.02	6.2	5.1	6.0	22	0.2	0.3	0.2	36	0.22	0.054	35
1335976	Soil				0.6	25.8	10.6	63	<0.1	20.8	9.2	170	2.00	4.6	0.9	9.5	18	0.1	0.3	0.2	30	0.19	0.058	45
1335977	Soil				0.8	31.5	13.3	69	0.1	25.2	10.1	259	2.23	8.0	1.7	5.6	30	0.3	0.5	0.2	43	0.31	0.060	25
1335978	Soil				0.6	29.2	11.7	67	0.2	23.0	8.9	183	2.38	7.3	1.8	3.8	26	0.2	0.5	0.2	47	0.27	0.063	24



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	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	Te
		ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		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	0.2
1335931	Soil	29	0.48	138	0.054	2	1.53	0.006	0.07	0.1	0.04	3.0	0.1	<0.05	4	<0.5	<0.2
1335932	Soil	28	0.47	139	0.058	<1	1.49	0.005	0.12	0.1	0.04	2.8	0.2	<0.05	5	<0.5	<0.2
1335933	Soil	29	0.52	140	0.053	1	1.62	0.006	0.11	0.2	0.02	2.6	0.2	<0.05	4	<0.5	<0.2
1335934	Soil	24	0.39	122	0.039	<1	1.46	0.005	0.13	<0.1	0.03	2.0	0.2	<0.05	5	<0.5	<0.2
1335935	Soil	30	0.44	142	0.049	1	1.66	0.005	0.17	<0.1	0.02	2.7	0.2	<0.05	5	<0.5	<0.2
1335936	Soil	26	0.47	124	0.059	<1	1.49	0.005	0.19	0.1	0.02	2.1	0.2	<0.05	4	<0.5	<0.2
1335937	Soil	28	0.52	183	0.056	1	1.58	0.006	0.16	<0.1	0.03	2.6	0.2	<0.05	5	<0.5	<0.2
1335938	Soil	27	0.47	139	0.051	1	1.60	0.005	0.21	<0.1	0.04	2.0	0.3	<0.05	5	<0.5	<0.2
1335957	Soil	25	0.27	175	0.039	<1	1.59	0.007	0.05	<0.1	0.02	1.6	<0.1	<0.05	6	<0.5	<0.2
1335958	Soil	30	0.49	125	0.029	<1	1.57	0.005	0.06	<0.1	0.02	3.6	<0.1	<0.05	4	<0.5	<0.2
1335959	Soil	28	0.48	204	0.042	<1	1.55	0.007	0.05	<0.1	0.04	6.1	<0.1	<0.05	4	<0.5	<0.2
1335960	Soil	23	0.58	163	0.046	<1	1.44	0.010	0.03	<0.1	0.02	2.5	<0.1	<0.05	4	<0.5	<0.2
1335961	Soil	23	0.39	275	0.043	1	1.39	0.010	0.07	<0.1	0.03	3.7	0.1	0.05	4	<0.5	<0.2
1335962	Soil	24	0.47	261	0.043	1	1.47	0.007	0.07	0.1	0.04	3.6	<0.1	<0.05	4	<0.5	<0.2
1335963	Soil	21	0.35	95	0.041	1	1.11	0.005	0.14	<0.1	0.01	1.8	0.2	<0.05	3	0.7	<0.2
1335964	Soil	8	0.05	140	0.014	1	0.67	0.013	0.03	<0.1	0.02	0.2	<0.1	<0.05	3	<0.5	<0.2
1335965	Soil	5	0.06	79	0.018	1	0.58	0.021	0.02	<0.1	0.02	0.3	<0.1	<0.05	2	<0.5	<0.2
1335966	Soil	22	0.30	155	0.039	<1	1.43	0.007	0.05	0.1	0.04	3.5	0.1	<0.05	5	<0.5	<0.2
1335967	Soil	20	0.34	187	0.058	<1	0.99	0.008	0.06	<0.1	0.02	2.7	<0.1	<0.05	3	<0.5	<0.2
1335968	Soil	28	0.30	322	0.047	1	2.37	0.018	0.08	0.1	0.06	3.7	0.1	<0.05	6	<0.5	<0.2
1335969	Soil	22	0.37	135	0.047	<1	1.05	0.006	0.11	<0.1	0.02	2.8	0.1	<0.05	3	<0.5	<0.2
1335970	Soil	18	0.34	123	0.044	<1	1.06	0.010	0.08	<0.1	0.03	1.8	0.1	<0.05	3	0.5	<0.2
1335971	Soil	21	0.38	128	0.054	1	1.23	0.007	0.10	<0.1	0.03	2.3	0.1	<0.05	4	<0.5	<0.2
1335972	Soil	24	0.41	160	0.058	<1	1.50	0.009	0.07	<0.1	0.03	2.6	0.1	<0.05	4	<0.5	<0.2
1335973	Soil	24	0.39	191	0.056	1	1.44	0.011	0.08	<0.1	0.03	3.3	0.1	<0.05	4	<0.5	<0.2
1335974	Soil	21	0.38	166	0.057	2	1.18	0.008	0.11	0.1	0.03	2.5	0.1	<0.05	3	<0.5	<0.2
1335975	Soil	22	0.37	191	0.047	<1	1.32	0.008	0.09	<0.1	0.04	3.1	0.1	<0.05	4	<0.5	<0.2
1335976	Soil	20	0.37	154	0.049	<1	1.17	0.007	0.11	<0.1	0.02	2.6	0.1	<0.05	3	<0.5	<0.2
1335977	Soil	27	0.38	262	0.054	<1	1.42	0.013	0.08	0.1	0.04	3.8	0.1	<0.05	4	0.6	<0.2
1335978	Soil	26	0.43	274	0.053	1	1.62	0.011	0.07	0.1	0.05	3.3	0.1	<0.05	5	<0.5	<0.2



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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	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1
1335979	Soil	2.4	47.0	10.5	75	0.5	32.6	9.1	294	2.99	10.0	7.1	3.6	19	0.1	0.7	0.2	54	0.14	0.078	15
1335980	Soil	1.3	43.7	10.3	83	0.3	40.0	9.6	329	3.01	10.8	3.0	3.5	21	0.2	0.6	0.2	50	0.15	0.054	16
1335981	Soil	1.5	36.2	10.8	81	0.2	34.5	8.9	397	3.03	12.6	6.5	3.6	15	0.2	0.6	0.2	61	0.13	0.063	19
1335982	Soil	2.1	34.6	11.1	66	0.4	22.4	8.4	280	2.89	10.4	5.4	2.3	17	0.2	0.6	0.3	58	0.18	0.074	16
1335983	Soil	1.5	28.5	10.6	54	0.2	17.8	6.0	160	2.36	8.8	6.5	1.3	16	<0.1	0.5	0.3	53	0.17	0.058	15
1335984	Soil	1.2	29.4	9.8	62	0.1	20.9	7.8	216	2.30	7.9	2.8	1.6	17	0.1	0.5	0.2	51	0.20	0.058	15
1335985	Soil	1.0	26.7	9.2	57	<0.1	21.5	8.0	321	2.28	8.3	3.0	2.2	20	0.1	0.7	0.2	52	0.24	0.058	16
1335986	Soil	1.2	31.7	9.9	64	0.1	21.4	9.0	380	2.63	10.0	2.5	2.5	17	0.2	0.7	0.2	53	0.21	0.064	17
1335987	Soil	1.3	34.9	10.3	63	0.1	23.3	9.4	429	2.89	10.5	4.9	3.1	21	0.1	0.6	0.2	55	0.23	0.062	16
1335988	Soil	2.0	39.5	9.6	57	0.2	22.7	7.3	298	2.47	8.6	2.7	3.7	21	0.2	0.6	0.2	50	0.22	0.065	17
1335989	Soil	1.5	40.0	10.2	65	0.2	26.5	10.5	421	2.93	10.0	4.4	4.4	19	0.1	0.7	0.2	57	0.20	0.063	20
1335990	Soil	1.4	41.7	11.8	67	0.3	25.1	9.5	330	3.04	11.6	2.6	3.9	27	0.2	0.8	0.2	63	0.26	0.059	18
1335991	Soil	1.4	33.5	11.3	63	0.2	21.4	7.9	256	2.85	9.0	1.6	2.6	19	0.2	0.6	0.2	59	0.18	0.059	15
1335992	Soil	1.4	31.9	8.9	48	0.2	17.3	6.1	216	2.21	6.2	5.6	3.6	17	<0.1	0.5	0.2	48	0.15	0.042	17
1335993	Soil	1.4	44.8	10.0	66	0.2	30.2	9.9	406	2.95	11.4	2.3	4.8	29	<0.1	0.8	0.2	61	0.31	0.053	17
1335994	Soil	1.6	47.2	10.5	67	0.3	27.5	9.5	411	2.91	10.0	2.4	4.6	27	0.2	0.8	0.2	58	0.28	0.052	17
1335995	Soil	1.2	34.0	9.5	68	<0.1	26.9	9.0	275	2.88	7.9	1.5	3.1	17	0.1	0.4	0.2	54	0.16	0.053	16
1335996	Soil	2.1	40.6	10.6	59	0.2	18.4	6.0	286	2.74	10.0	3.0	2.3	15	0.2	0.5	0.2	57	0.12	0.069	15
1337401	Soil	2.2	37.3	10.3	63	0.1	22.4	10.1	485	2.55	12.1	4.2	3.2	14	0.2	0.5	0.2	57	0.10	0.035	12
1337402	Soil	1.6	30.1	10.7	64	<0.1	24.2	10.5	375	3.00	10.3	1.4	3.9	14	0.1	0.5	0.2	61	0.10	0.036	11
1337403	Soil	1.3	31.1	10.0	60	<0.1	22.4	9.9	391	2.65	9.9	4.8	4.4	17	0.1	0.5	0.2	58	0.16	0.040	18
1337404	Soil	1.2	37.0	9.2	57	<0.1	23.6	8.7	339	2.53	9.2	3.4	4.0	18	<0.1	0.6	0.1	50	0.15	0.023	17
1337405	Soil	1.5	30.6	10.0	51	0.1	16.7	7.1	262	2.44	9.9	1.5	3.3	16	<0.1	0.4	0.2	54	0.11	0.032	14
1337406	Soil	1.3	26.7	9.1	51	<0.1	18.2	6.5	277	2.44	9.4	0.6	3.7	15	<0.1	0.5	0.2	56	0.11	0.023	13
1337408	Soil	1.4	30.9	9.3	52	<0.1	18.8	7.4	277	2.41	8.3	2.8	3.9	14	<0.1	0.5	0.2	51	0.09	0.025	13
1335997	Soil	1.4	42.1	10.2	58	0.1	25.8	10.2	423	2.92	11.0	3.1	3.9	19	0.1	0.6	0.2	58	0.18	0.061	20
1335998	Soil	1.9	48.8	7.6	89	<0.1	28.4	7.4	352	2.80	5.9	28.2	5.2	16	<0.1	0.3	0.4	32	0.06	0.041	22
1335999	Soil	2.3	19.8	12.5	49	<0.1	11.9	8.6	843	2.05	6.0	1.1	1.8	18	<0.1	0.3	0.3	29	0.03	0.037	8
1336000	Soil	1.7	35.9	9.6	64	<0.1	20.4	9.5	379	2.57	10.5	1.4	2.7	13	0.2	0.6	0.2	52	0.10	0.036	13
1336331	Soil	0.8	52.5	7.3	63	0.1	46.1	15.5	293	3.04	7.1	2.5	3.3	47	0.2	0.5	0.1	74	0.71	0.095	12



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	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	Te
		ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		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	0.2
1335979	Soil	43	0.63	263	0.074	2	1.55	0.008	0.21	0.1	0.06	2.6	0.3	0.07	5	1.1	<0.2
1335980	Soil	49	0.60	265	0.066	<1	1.36	0.011	0.14	0.1	0.05	2.8	0.2	0.07	4	0.6	<0.2
1335981	Soil	49	0.69	260	0.084	2	1.67	0.008	0.21	0.2	0.03	3.1	0.2	<0.05	5	<0.5	<0.2
1335982	Soil	33	0.46	255	0.053	3	1.67	0.007	0.06	0.2	0.06	3.4	<0.1	<0.05	5	0.5	<0.2
1335983	Soil	29	0.42	174	0.041	2	1.57	0.007	0.06	0.2	0.06	2.4	0.1	<0.05	5	0.6	<0.2
1335984	Soil	30	0.46	207	0.048	2	1.61	0.008	0.06	<0.1	0.04	2.8	0.1	<0.05	5	<0.5	<0.2
1335985	Soil	28	0.45	210	0.048	1	1.47	0.008	0.06	0.1	0.04	3.0	0.1	<0.05	4	<0.5	<0.2
1335986	Soil	30	0.50	186	0.054	1	1.62	0.008	0.07	0.1	0.04	3.3	0.1	<0.05	5	<0.5	<0.2
1335987	Soil	32	0.50	293	0.056	2	1.63	0.007	0.07	0.1	0.04	4.0	0.1	<0.05	5	<0.5	<0.2
1335988	Soil	25	0.43	360	0.060	1	1.37	0.007	0.06	0.1	0.06	4.0	0.1	<0.05	4	1.0	<0.2
1335989	Soil	32	0.50	375	0.061	2	1.78	0.008	0.07	0.1	0.06	5.2	0.1	<0.05	5	<0.5	<0.2
1335990	Soil	36	0.53	553	0.060	2	1.87	0.008	0.07	0.1	0.07	4.9	0.1	<0.05	5	<0.5	<0.2
1335991	Soil	37	0.48	314	0.048	1	1.90	0.007	0.06	0.2	0.05	3.7	0.1	<0.05	6	<0.5	<0.2
1335992	Soil	26	0.42	304	0.061	1	1.35	0.007	0.06	0.1	0.05	3.0	<0.1	<0.05	4	0.6	<0.2
1335993	Soil	34	0.58	701	0.079	1	1.75	0.011	0.10	0.1	0.05	5.4	0.1	<0.05	5	<0.5	<0.2
1335994	Soil	33	0.51	584	0.065	1	1.66	0.010	0.08	0.1	0.06	4.9	<0.1	<0.05	5	<0.5	<0.2
1335995	Soil	31	0.49	320	0.061	2	1.66	0.007	0.13	<0.1	0.03	3.9	0.2	<0.05	5	<0.5	<0.2
1335996	Soil	34	0.42	325	0.048	1	1.66	0.006	0.11	0.1	0.05	3.3	0.1	<0.05	5	0.6	<0.2
1337401	Soil	31	0.42	262	0.040	1	1.68	0.006	0.05	0.1	0.04	2.7	<0.1	<0.05	5	<0.5	<0.2
1337402	Soil	37	0.50	167	0.054	2	2.26	0.007	0.07	<0.1	0.04	3.0	0.1	<0.05	6	<0.5	<0.2
1337403	Soil	33	0.51	257	0.057	1	1.87	0.008	0.06	0.1	0.04	4.5	0.1	<0.05	5	<0.5	<0.2
1337404	Soil	30	0.45	252	0.056	1	1.49	0.007	0.06	0.1	0.05	4.7	<0.1	<0.05	4	<0.5	<0.2
1337405	Soil	31	0.40	216	0.037	1	1.67	0.006	0.06	0.1	0.03	3.4	0.1	<0.05	5	<0.5	<0.2
1337406	Soil	30	0.41	206	0.042	2	1.78	0.007	0.05	0.1	0.04	3.3	0.1	<0.05	5	<0.5	<0.2
1337408	Soil	28	0.37	179	0.049	2	1.48	0.006	0.07	<0.1	0.04	2.8	<0.1	<0.05	4	0.5	<0.2
1335997	Soil	34	0.54	377	0.062	2	1.90	0.009	0.09	0.2	0.08	4.6	0.1	<0.05	5	<0.5	<0.2
1335998	Soil	18	0.26	326	0.022	<1	1.19	0.003	0.22	<0.1	0.03	3.6	0.3	<0.05	3	<0.5	<0.2
1335999	Soil	14	0.12	124	0.008	<1	0.85	0.003	0.06	<0.1	0.01	1.3	<0.1	<0.05	3	<0.5	<0.2
1336000	Soil	28	0.41	169	0.043	<1	1.60	0.006	0.07	0.1	0.03	3.2	<0.1	<0.05	5	<0.5	<0.2
1336331	Soil	81	0.95	340	0.117	1	1.94	0.021	0.14	<0.1	0.03	4.8	0.1	<0.05	5	<0.5	<0.2



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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			
					Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
					ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
					0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1
1336332	Soil		0.6	20.5	8.1	52	<0.1	21.0	7.9	178	2.16	5.9	3.5	2.5	31	0.1	0.4	0.1	49	0.36	0.057	13		
1336333	Soil		0.6	23.3	8.7	62	<0.1	24.2	8.8	200	2.41	7.6	1.8	3.5	32	0.1	0.4	0.1	54	0.39	0.063	15		
1336334	Soil		0.5	21.5	9.0	56	0.1	18.5	8.8	182	2.29	7.7	2.1	3.5	27	0.2	0.5	0.1	53	0.33	0.061	17		
1336335	Soil		0.5	22.9	9.0	60	0.1	21.3	9.2	219	2.83	11.0	10.4	4.5	31	0.2	0.6	0.1	59	0.39	0.067	17		
1336336	Soil		0.9	16.0	8.2	54	<0.1	21.0	9.1	191	2.40	7.4	5.8	3.2	30	0.2	0.5	0.1	56	0.33	0.067	14		
1336337	Soil		0.7	15.0	7.8	56	0.1	19.3	10.2	361	2.18	5.6	5.0	2.2	36	0.2	0.4	0.1	48	0.37	0.060	13		
1336338	Soil		0.6	22.2	7.3	52	<0.1	26.0	10.8	287	2.41	6.4	3.1	3.4	38	0.1	0.4	0.1	52	0.46	0.072	13		
1336339	Soil		0.4	14.3	7.8	54	0.1	18.0	6.1	133	1.99	5.9	6.3	2.4	29	0.2	0.5	0.1	52	0.32	0.065	13		
1336340	Soil		0.7	16.9	8.4	60	<0.1	23.8	11.1	278	2.49	7.4	1.7	3.3	36	0.3	0.4	0.1	57	0.33	0.065	14		
1336341	Soil		1.1	17.6	9.0	66	<0.1	28.6	12.7	320	2.61	7.0	3.8	2.9	45	0.2	0.4	0.2	59	0.41	0.081	13		
1336342	Soil		0.9	14.9	8.4	59	<0.1	27.6	10.9	265	2.46	6.3	4.4	3.0	41	0.1	0.4	0.2	63	0.35	0.066	13		
1336343	Soil		0.8	14.7	8.0	59	<0.1	25.4	11.7	325	2.44	5.8	1.8	3.0	41	0.2	0.4	0.1	56	0.34	0.072	13		
1336344	Soil		1.1	16.4	8.9	65	0.1	27.1	12.4	263	2.67	6.8	4.1	2.7	41	0.2	0.4	0.2	66	0.35	0.068	13		
1336345	Soil		0.9	16.6	8.2	61	<0.1	29.6	11.3	262	2.45	6.1	1.1	3.1	45	0.2	0.4	0.1	57	0.41	0.074	14		
1336346	Soil		1.0	21.3	9.8	61	0.1	31.8	11.6	270	2.53	5.8	3.9	3.0	49	0.2	0.4	0.2	59	0.37	0.065	14		
1336347	Soil		0.8	15.5	8.2	61	<0.1	26.9	11.2	260	2.51	6.5	2.4	3.1	47	0.2	0.4	0.1	59	0.40	0.079	15		
1336348	Soil		0.8	14.3	8.5	55	0.1	23.4	7.8	162	2.12	4.7	3.4	2.2	46	0.2	0.4	0.1	50	0.38	0.064	13		
1336349	Soil		0.6	21.9	7.6	67	<0.1	39.2	12.0	231	2.76	4.7	1.1	3.5	67	0.2	0.4	<0.1	61	0.56	0.083	17		
1336350	Soil		0.7	21.9	10.0	63	0.1	33.8	11.8	254	2.75	4.7	2.0	3.2	63	0.2	0.4	0.1	56	0.52	0.068	15		
1336351	Soil		1.1	26.3	9.7	78	<0.1	48.4	17.5	360	3.45	5.7	3.1	4.1	86	0.2	0.4	0.1	74	0.62	0.094	16		
1336352	Soil		1.3	27.2	9.8	81	0.1	58.1	21.3	515	3.93	7.0	1.4	3.9	115	0.2	0.3	0.1	85	0.72	0.119	19		
1336353	Soil		1.0	28.8	9.8	78	0.1	53.1	16.4	369	3.62	6.7	3.2	4.1	95	0.2	0.4	0.1	76	0.68	0.095	18		
1336354	Soil		1.3	27.6	10.8	83	0.1	61.4	19.9	489	4.16	7.2	44.7	4.0	113	0.2	0.4	0.1	84	0.68	0.114	20		
1336355	Soil		0.9	25.7	9.9	77	0.1	46.5	13.4	278	3.25	4.8	2.7	4.1	89	0.1	0.4	0.1	64	0.54	0.080	17		
1336356	Soil		1.3	29.4	12.6	89	0.1	63.9	20.8	470	4.21	7.5	2.9	4.3	119	0.3	0.5	0.1	87	0.67	0.120	19		
1336357	Soil		0.9	24.1	9.0	72	0.1	50.0	16.8	400	3.41	5.9	2.6	3.6	88	0.3	0.4	0.1	69	0.60	0.078	17		
1336358	Soil		0.6	34.7	13.3	65	<0.1	27.6	11.6	243	2.82	3.8	1.5	15.0	13	<0.1	0.3	0.2	34	0.12	0.024	61		
1336359	Soil		1.1	36.4	13.4	76	<0.1	30.6	10.6	296	2.83	5.4	2.0	10.5	14	<0.1	0.4	0.2	45	0.10	0.020	36		
1336360	Soil		2.2	34.4	13.6	66	0.1	21.3	7.6	206	3.04	6.7	1.0	7.5	18	0.2	0.4	0.2	52	0.09	0.031	23		
1336361	Soil		2.1	32.9	9.3	77	0.2	22.9	5.1	150	2.60	2.9	<0.5	6.4	12	0.3	0.3	0.2	40	0.07	0.036	23		



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	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	Te
		ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		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	0.2
1336332	Soil	31	0.48	216	0.074	1	1.59	0.014	0.06	0.1	0.04	2.8	<0.1	<0.05	4	<0.5	<0.2
1336333	Soil	33	0.53	264	0.087	2	1.59	0.017	0.09	0.2	0.03	3.2	<0.1	<0.05	5	<0.5	<0.2
1336334	Soil	29	0.43	254	0.078	1	1.59	0.015	0.05	0.2	0.04	3.3	<0.1	<0.05	4	<0.5	<0.2
1336335	Soil	29	0.47	261	0.083	2	1.55	0.019	0.05	0.2	0.04	3.3	<0.1	<0.05	4	<0.5	<0.2
1336336	Soil	28	0.43	235	0.095	2	1.68	0.017	0.04	0.2	0.04	2.9	<0.1	<0.05	5	0.5	<0.2
1336337	Soil	27	0.42	252	0.086	1	1.58	0.017	0.04	0.1	0.04	2.8	<0.1	0.05	5	<0.5	<0.2
1336338	Soil	43	0.53	198	0.128	1	1.51	0.020	0.08	0.2	0.05	3.0	<0.1	<0.05	4	<0.5	<0.2
1336339	Soil	26	0.38	226	0.084	2	1.48	0.016	0.04	0.1	0.04	2.7	<0.1	<0.05	4	<0.5	<0.2
1336340	Soil	31	0.45	252	0.123	1	1.83	0.018	0.05	0.2	0.05	3.0	<0.1	<0.05	5	<0.5	<0.2
1336341	Soil	35	0.47	260	0.153	2	1.73	0.019	0.05	0.2	0.04	2.5	<0.1	<0.05	5	<0.5	<0.2
1336342	Soil	35	0.46	241	0.158	2	1.78	0.016	0.04	0.3	0.05	2.5	<0.1	<0.05	6	<0.5	<0.2
1336343	Soil	33	0.46	240	0.151	2	1.71	0.018	0.04	0.2	0.04	2.4	<0.1	<0.05	6	<0.5	<0.2
1336344	Soil	35	0.49	251	0.147	2	1.88	0.020	0.05	0.2	0.05	2.6	<0.1	<0.05	6	<0.5	<0.2
1336345	Soil	36	0.46	229	0.158	1	1.61	0.020	0.04	0.2	0.04	2.5	<0.1	<0.05	5	<0.5	<0.2
1336346	Soil	38	0.49	250	0.149	1	1.79	0.020	0.04	0.2	0.04	2.7	<0.1	<0.05	6	<0.5	<0.2
1336347	Soil	36	0.45	256	0.174	1	1.73	0.017	0.04	0.2	0.04	2.9	<0.1	<0.05	6	<0.5	<0.2
1336348	Soil	32	0.42	239	0.138	1	1.71	0.020	0.04	0.2	0.06	2.7	<0.1	<0.05	6	<0.5	<0.2
1336349	Soil	44	0.53	307	0.288	1	1.87	0.026	0.05	0.2	0.04	3.3	<0.1	<0.05	6	<0.5	<0.2
1336350	Soil	37	0.51	305	0.224	<1	2.06	0.027	0.05	0.2	0.04	3.0	<0.1	<0.05	7	<0.5	<0.2
1336351	Soil	49	0.62	341	0.357	1	2.31	0.030	0.05	0.1	0.04	3.6	<0.1	<0.05	8	<0.5	<0.2
1336352	Soil	51	0.65	445	0.424	1	2.68	0.037	0.05	0.2	0.04	3.3	<0.1	<0.05	9	<0.5	<0.2
1336353	Soil	49	0.71	366	0.341	1	2.45	0.035	0.06	0.2	0.04	3.5	<0.1	<0.05	8	<0.5	<0.2
1336354	Soil	53	0.69	393	0.387	<1	2.52	0.035	0.06	0.2	0.04	3.5	<0.1	<0.05	9	<0.5	<0.2
1336355	Soil	47	0.57	309	0.319	1	2.37	0.031	0.07	0.1	0.05	3.5	<0.1	<0.05	8	<0.5	<0.2
1336356	Soil	57	0.62	376	0.459	<1	2.58	0.035	0.07	0.2	0.05	3.6	<0.1	<0.05	9	<0.5	<0.2
1336357	Soil	45	0.59	355	0.344	<1	2.51	0.030	0.06	0.1	0.05	3.4	<0.1	<0.05	8	<0.5	<0.2
1336358	Soil	25	0.64	176	0.099	<1	1.69	0.006	0.35	<0.1	0.05	4.6	0.3	<0.05	5	<0.5	<0.2
1336359	Soil	31	0.61	190	0.084	<1	1.82	0.007	0.25	<0.1	0.03	3.5	0.2	<0.05	5	<0.5	<0.2
1336360	Soil	32	0.56	183	0.066	<1	1.85	0.009	0.19	<0.1	0.02	2.2	0.3	0.06	5	1.1	<0.2
1336361	Soil	23	0.48	111	0.056	<1	1.33	0.005	0.17	<0.1	0.02	1.5	0.3	<0.05	4	1.6	<0.2



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CERTIFICATE OF ANALYSIS

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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	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		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	ppb 0.5	ppm 0.1	ppm 1	ppm 0.1	ppm 0.1	ppm 0.1	ppm 2	% 0.01	% 0.001
1336362	Soil	1.9	22.0	9.8	49	0.1	13.3	3.6	126	2.08	4.1	1.2	2.7	11	0.3	0.4	0.2	52	0.06	0.033
1336363	Soil	2.0	23.7	11.4	81	<0.1	28.6	12.5	303	3.40	8.9	1.8	4.5	17	0.5	0.5	0.2	59	0.12	0.047
1336364	Soil	2.0	33.5	9.9	64	0.2	20.6	7.1	263	2.41	4.0	6.9	3.9	20	0.4	0.4	0.2	46	0.18	0.057
1336365	Soil	1.8	24.2	10.0	64	0.2	19.7	7.7	253	2.35	4.0	1.6	5.2	17	0.2	0.4	0.2	44	0.19	0.042
1336366	Soil	1.2	25.2	11.8	68	<0.1	23.3	10.8	277	2.63	5.4	1.1	6.3	15	0.1	0.4	0.2	46	0.16	0.037
1336367	Soil	1.3	22.4	10.8	64	0.1	21.3	10.4	243	2.47	4.8	1.3	6.6	17	0.1	0.4	0.2	41	0.22	0.048
1336368	Soil	1.4	31.7	12.3	75	0.3	23.4	10.8	288	2.60	3.6	1.4	4.0	16	<0.1	0.3	0.2	45	0.15	0.051
1336369	Soil	0.8	24.7	8.9	57	0.1	19.0	6.7	178	2.08	4.1	1.9	4.0	14	0.1	0.3	0.2	39	0.16	0.030
1336370	Soil	0.9	34.4	10.9	70	<0.1	23.6	8.4	163	2.37	3.6	2.4	4.0	16	<0.1	0.3	0.2	43	0.18	0.044
1336371	Soil	0.9	30.6	10.1	64	<0.1	24.4	8.6	299	2.28	4.1	1.3	5.3	18	0.2	0.4	0.2	39	0.19	0.037
1336372	Soil	1.1	26.2	11.7	60	0.1	22.6	8.2	229	2.45	6.0	2.3	2.5	19	0.1	0.4	0.2	47	0.16	0.042
1336373	Soil	1.7	32.2	13.4	61	0.2	21.0	7.5	252	2.54	6.7	2.7	3.9	18	0.2	0.5	0.2	52	0.15	0.045
1336374	Soil	1.0	31.9	9.8	66	<0.1	22.6	8.8	352	2.42	6.0	2.5	5.3	18	0.2	0.5	0.2	47	0.17	0.039
1336375	Soil	1.6	39.6	10.6	66	0.2	21.4	9.6	386	2.57	6.1	1.2	3.7	16	0.3	0.4	0.2	48	0.12	0.056
1336376	Soil	1.4	29.8	11.2	56	0.1	19.2	6.8	237	2.33	5.7	1.1	2.4	20	0.2	0.4	0.2	45	0.15	0.047
1336377	Soil	0.6	27.1	9.8	46	<0.1	17.1	5.7	171	1.68	3.1	2.7	1.5	14	<0.1	0.2	0.3	29	0.12	0.031
1336378	Soil	1.1	32.6	9.4	54	<0.1	18.9	6.6	251	2.03	5.2	<0.5	2.3	16	0.1	0.4	0.2	41	0.14	0.036
1336379	Soil	1.5	41.1	10.9	51	<0.1	20.0	8.6	416	2.01	4.2	<0.5	1.5	14	0.2	0.3	0.2	37	0.08	0.042
1336380	Soil	0.9	42.5	7.8	64	0.1	25.3	7.0	240	2.15	5.3	4.0	3.4	18	0.1	0.4	0.2	43	0.16	0.037
1336381	Soil	1.6	63.5	16.6	94	0.1	36.1	16.6	707	3.08	5.1	0.8	4.2	18	0.2	0.4	0.3	61	0.16	0.061



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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	Te
		ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		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	0.2
1336362	Soil	17	0.25	85	0.058	<1	1.05	0.005	0.08	<0.1	0.02	1.1	0.2	<0.05	5	0.7	<0.2
1336363	Soil	39	0.50	171	0.065	2	3.19	0.009	0.08	0.1	0.03	2.7	0.2	<0.05	5	0.6	<0.2
1336364	Soil	23	0.47	142	0.062	<1	1.23	0.007	0.14	0.1	0.03	2.2	0.1	<0.05	4	<0.5	<0.2
1336365	Soil	25	0.45	156	0.064	<1	1.41	0.007	0.12	<0.1	0.02	2.0	0.2	<0.05	4	1.0	<0.2
1336366	Soil	27	0.49	159	0.077	<1	1.71	0.007	0.15	0.1	0.03	2.6	0.2	<0.05	5	<0.5	<0.2
1336367	Soil	25	0.50	160	0.079	<1	1.65	0.008	0.21	<0.1	0.02	2.3	0.2	<0.05	5	<0.5	<0.2
1336368	Soil	31	0.56	270	0.059	<1	2.14	0.008	0.16	<0.1	0.06	3.7	0.2	<0.05	6	<0.5	<0.2
1336369	Soil	23	0.42	227	0.055	<1	1.32	0.006	0.14	<0.1	0.03	2.4	0.2	<0.05	4	<0.5	<0.2
1336370	Soil	28	0.53	221	0.071	1	1.75	0.007	0.18	<0.1	0.04	2.9	0.2	<0.05	5	<0.5	<0.2
1336371	Soil	24	0.49	190	0.075	<1	1.43	0.008	0.20	<0.1	0.03	3.1	0.2	<0.05	4	<0.5	<0.2
1336372	Soil	30	0.40	200	0.059	1	1.82	0.010	0.10	<0.1	0.05	2.7	0.2	<0.05	5	<0.5	<0.2
1336373	Soil	31	0.45	212	0.065	<1	1.93	0.007	0.08	0.1	0.05	3.4	0.2	<0.05	6	<0.5	<0.2
1336374	Soil	27	0.48	172	0.072	1	1.64	0.007	0.11	<0.1	0.02	2.8	0.1	<0.05	5	<0.5	<0.2
1336375	Soil	29	0.46	164	0.062	<1	1.79	0.008	0.14	<0.1	0.03	2.8	0.2	<0.05	5	0.6	<0.2
1336376	Soil	28	0.35	236	0.056	1	1.86	0.015	0.08	<0.1	0.07	2.8	0.1	<0.05	5	<0.5	<0.2
1336377	Soil	21	0.35	199	0.046	1	1.37	0.011	0.13	<0.1	0.03	2.2	0.1	<0.05	4	<0.5	<0.2
1336378	Soil	26	0.42	201	0.064	<1	1.38	0.006	0.08	0.1	0.03	2.6	0.1	<0.05	4	<0.5	<0.2
1336379	Soil	25	0.47	195	0.072	2	1.24	0.006	0.22	<0.1	0.02	1.8	0.2	<0.05	4	<0.5	<0.2
1336380	Soil	26	0.55	282	0.077	<1	1.26	0.006	0.14	<0.1	0.03	2.8	0.1	<0.05	4	0.6	<0.2
1336381	Soil	38	0.62	404	0.088	<1	1.77	0.007	0.24	0.1	0.04	4.0	0.3	<0.05	6	<0.5	<0.2



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Part 1

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	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	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	La ppm 1
Pulp Duplicates																					
1334988	Soil	1.0	28.4	9.1	69	0.2	25.8	10.6	355	2.47	9.6	7.5	3.6	40	0.3	0.8	0.2	50	0.62	0.073	15
REP 1334988	QC	0.9	27.6	8.7	67	0.1	25.3	10.0	351	2.39	9.5	2.7	3.3	40	0.3	0.7	0.1	50	0.59	0.073	14
1337903	Soil	1.1	30.6	10.6	64	0.2	23.5	9.4	263	2.63	9.0	4.1	4.4	38	0.2	0.7	0.2	53	0.45	0.058	16
REP 1337903	QC	1.1	31.3	11.3	66	0.2	24.9	9.8	272	2.74	9.2	2.7	4.6	39	0.2	0.7	0.2	57	0.46	0.059	17
1335625	Soil	0.8	38.2	7.5	73	<0.1	171.7	16.4	445	3.01	8.4	2.1	4.1	22	0.1	0.3	0.1	61	0.25	0.054	19
REP 1335625	QC	0.9	40.2	7.8	74	<0.1	175.0	17.8	462	3.15	8.7	1.3	4.4	22	0.2	0.3	0.2	63	0.26	0.055	20
1335659	Soil	1.2	34.7	9.9	52	0.1	17.3	5.9	197	2.18	4.8	4.3	3.7	16	<0.1	0.4	0.2	37	0.13	0.039	17
REP 1335659	QC	1.2	33.4	9.7	54	0.1	18.1	5.7	185	2.11	4.8	2.4	3.6	16	0.1	0.4	0.2	37	0.13	0.037	18
1335676	Soil	1.1	24.2	10.1	59	<0.1	21.8	8.4	235	2.64	8.4	5.3	2.5	19	0.1	0.5	0.2	57	0.21	0.062	16
REP 1335676	QC	0.8	25.1	10.2	62	<0.1	23.4	8.7	238	2.72	8.7	5.5	2.6	20	0.2	0.5	0.2	58	0.22	0.064	16
1335690	Soil	1.1	59.0	8.7	53	0.1	13.9	7.9	329	2.89	5.9	2.8	2.6	18	0.1	3.1	0.2	73	0.06	0.047	19
REP 1335690	QC	0.9	57.8	8.6	52	0.1	13.9	7.9	326	2.89	6.1	3.6	2.6	17	0.1	2.8	0.2	73	0.05	0.049	19
1335720	Soil	1.3	25.7	9.9	74	0.2	22.5	9.9	273	2.97	10.7	3.6	4.7	26	0.3	0.6	0.2	64	0.27	0.067	19
REP 1335720	QC	1.2	25.5	9.7	70	0.2	21.0	9.3	260	2.87	10.9	14.0	4.7	26	0.2	0.7	0.2	62	0.29	0.067	19
1335750	Soil	2.0	26.8	13.4	61	0.1	18.0	12.8	538	3.52	4.3	1.8	1.6	128	0.1	0.2	0.1	107	1.08	0.124	15
REP 1335750	QC	2.0	26.1	13.6	61	0.1	19.2	12.8	532	3.53	4.1	2.1	1.6	128	0.1	0.2	0.1	111	1.05	0.118	15
1335859	Soil	0.5	15.7	4.8	33	<0.1	13.3	9.6	257	2.31	5.5	2.5	2.3	11	<0.1	0.3	0.1	60	0.21	0.043	9
REP 1335859	QC	0.5	15.8	4.7	32	<0.1	13.5	9.6	261	2.35	5.5	1.3	2.4	12	<0.1	0.3	0.1	60	0.22	0.044	9
1335886	Soil	0.6	12.6	9.7	49	<0.1	16.8	9.3	306	2.80	6.7	3.1	2.3	41	<0.1	0.3	0.1	70	0.29	0.063	11
REP 1335886	QC	0.6	12.8	9.7	50	<0.1	16.9	9.3	302	2.78	6.7	1.3	2.2	41	0.1	0.3	0.1	69	0.29	0.064	11
1335900	Soil	0.9	21.0	8.3	54	<0.1	17.0	9.4	367	2.87	6.0	1.9	2.3	41	<0.1	0.4	0.1	74	0.43	0.076	15
REP 1335900	QC	0.9	19.9	8.0	49	<0.1	17.1	9.2	336	2.66	5.9	1.2	2.3	40	<0.1	0.3	0.1	70	0.43	0.074	14
1335925	Soil	1.2	36.7	11.4	77	0.2	24.7	8.0	210	2.98	4.7	5.4	0.5	11	0.2	0.3	0.3	46	0.10	0.074	30
REP 1335925	QC	1.3	37.7	11.8	79	0.1	25.3	8.4	224	3.03	4.5	3.3	0.5	11	0.2	0.3	0.3	48	0.11	0.072	29
1335963	Soil	1.3	35.6	11.3	69	0.1	27.1	9.3	224	2.65	9.4	1.9	12.0	14	0.2	0.3	0.3	35	0.10	0.065	53
REP 1335963	QC	1.3	35.9	11.7	72	0.1	26.4	9.5	221	2.63	9.4	2.3	13.0	14	<0.1	0.2	0.3	34	0.11	0.068	54
1335967	Soil	0.9	30.7	11.1	63	0.1	20.8	7.5	235	2.05	5.7	1.4	6.0	20	0.1	0.4	0.1	35	0.19	0.046	23
REP 1335967	QC	0.8	31.1	10.6	62	0.1	20.2	7.6	230	2.05	5.6	2.1	5.7	19	0.1	0.4	0.1	35	0.19	0.047	24



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Part 2

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
		Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		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	0.2
Pulp Duplicates																	
1334988	Soil	27	0.53	386	0.065	1	1.40	0.030	0.06	0.2	0.03	3.4	<0.1	<0.05	4	0.7	<0.2
REP 1334988	QC	27	0.53	381	0.061	1	1.39	0.031	0.06	0.2	0.08	3.4	<0.1	<0.05	4	0.6	<0.2
1337903	Soil	31	0.49	952	0.072	<1	1.70	0.019	0.07	<0.1	0.05	3.9	<0.1	<0.05	5	0.7	<0.2
REP 1337903	QC	33	0.51	970	0.076	1	1.78	0.019	0.08	0.1	0.04	4.2	<0.1	<0.05	5	0.6	<0.2
1335625	Soil	194	1.51	337	0.093	<1	2.13	0.009	0.21	<0.1	0.03	5.2	0.1	<0.05	7	<0.5	<0.2
REP 1335625	QC	206	1.60	336	0.100	<1	2.22	0.009	0.22	<0.1	0.02	5.5	0.2	<0.05	7	<0.5	<0.2
1335659	Soil	24	0.42	223	0.060	1	1.28	0.008	0.08	<0.1	0.06	2.8	0.1	<0.05	4	<0.5	<0.2
REP 1335659	QC	24	0.41	227	0.060	<1	1.34	0.008	0.08	<0.1	0.05	2.8	0.1	<0.05	4	<0.5	<0.2
1335676	Soil	32	0.48	219	0.066	1	1.80	0.008	0.06	<0.1	0.04	3.7	0.1	<0.05	5	<0.5	<0.2
REP 1335676	QC	34	0.51	223	0.066	1	1.91	0.008	0.06	0.1	0.03	3.6	<0.1	<0.05	6	<0.5	<0.2
1335690	Soil	22	0.15	127	0.041	<1	0.86	0.003	0.06	<0.1	0.05	1.8	0.1	<0.05	4	1.1	0.3
REP 1335690	QC	22	0.15	121	0.039	<1	0.84	0.003	0.06	<0.1	0.04	1.8	0.1	<0.05	4	1.2	0.3
1335720	Soil	35	0.56	382	0.087	2	1.64	0.015	0.10	0.2	0.03	3.1	<0.1	<0.05	5	<0.5	<0.2
REP 1335720	QC	34	0.54	370	0.089	2	1.56	0.014	0.10	0.2	0.03	3.0	0.1	0.06	5	<0.5	<0.2
1335750	Soil	30	0.99	191	0.076	<1	3.44	0.052	0.06	0.1	0.02	5.1	<0.1	<0.05	8	<0.5	<0.2
REP 1335750	QC	30	0.99	192	0.075	2	3.36	0.051	0.06	<0.1	0.03	5.0	<0.1	<0.05	8	<0.5	<0.2
1335859	Soil	24	0.67	269	0.082	<1	1.48	0.011	0.17	0.1	0.01	3.8	<0.1	<0.05	5	<0.5	<0.2
REP 1335859	QC	25	0.69	272	0.083	<1	1.51	0.012	0.17	<0.1	0.01	3.8	<0.1	<0.05	5	<0.5	<0.2
1335886	Soil	34	0.59	173	0.041	<1	2.10	0.009	0.04	<0.1	0.03	4.0	0.2	<0.05	6	<0.5	<0.2
REP 1335886	QC	34	0.58	175	0.043	<1	2.10	0.009	0.04	<0.1	0.04	4.0	0.2	<0.05	6	<0.5	<0.2
1335900	Soil	29	0.61	190	0.064	1	1.90	0.017	0.05	0.1	0.04	4.7	<0.1	<0.05	5	0.6	<0.2
REP 1335900	QC	26	0.55	189	0.057	<1	1.83	0.016	0.05	0.1	0.03	4.4	<0.1	<0.05	5	0.7	<0.2
1335925	Soil	25	0.33	149	0.030	<1	1.62	0.005	0.19	<0.1	0.04	1.5	0.2	0.07	5	1.2	<0.2
REP 1335925	QC	28	0.33	144	0.033	<1	1.61	0.006	0.21	<0.1	0.05	1.5	0.2	<0.05	5	<0.5	<0.2
1335963	Soil	21	0.35	95	0.041	1	1.11	0.005	0.14	<0.1	0.01	1.8	0.2	<0.05	3	0.7	<0.2
REP 1335963	QC	20	0.36	95	0.040	<1	1.15	0.005	0.14	<0.1	0.01	1.8	0.2	<0.05	3	0.6	<0.2
1335967	Soil	20	0.34	187	0.058	<1	0.99	0.008	0.06	<0.1	0.02	2.7	<0.1	<0.05	3	<0.5	<0.2
REP 1335967	QC	20	0.34	184	0.059	<1	0.99	0.008	0.06	0.1	0.02	2.6	<0.1	<0.05	3	<0.5	<0.2



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Report Date:

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Part 1

QUALITY CONTROL REPORT

DAW11000245.2

		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	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		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	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1337402	Soil	1.6	30.1	10.7	64	<0.1	24.2	10.5	375	3.00	10.3	1.4	3.9	14	0.1	0.5	0.2	61	0.10	0.036
REP 1337402	QC	1.7	30.8	10.8	64	<0.1	24.7	10.8	382	3.02	10.8	2.0	4.1	15	0.2	0.6	0.2	61	0.11	0.037
1335997	Soil	1.4	42.1	10.2	58	0.1	25.8	10.2	423	2.92	11.0	3.1	3.9	19	0.1	0.6	0.2	58	0.18	0.061
REP 1335997	QC	1.5	42.9	10.2	59	0.1	25.8	10.1	419	2.87	10.9	4.2	3.8	19	<0.1	0.6	0.2	56	0.18	0.058
1336354	Soil	1.3	27.6	10.8	83	0.1	61.4	19.9	489	4.16	7.2	44.7	4.0	113	0.2	0.4	0.1	84	0.68	0.114
REP 1336354	QC	1.1	27.6	10.0	81	0.1	55.1	18.4	444	3.77	6.6	2.1	3.9	100	0.3	0.4	0.1	76	0.63	0.102
1336376	Soil	1.4	29.8	11.2	56	0.1	19.2	6.8	237	2.33	5.7	1.1	2.4	20	0.2	0.4	0.2	45	0.15	0.047
REP 1336376	QC	1.3	29.4	11.2	55	0.1	19.2	6.9	218	2.28	5.7	0.9	2.5	19	0.2	0.4	0.2	45	0.15	0.046
1336379	Soil	1.5	41.1	10.9	51	<0.1	20.0	8.6	416	2.01	4.2	<0.5	1.5	14	0.2	0.3	0.2	37	0.08	0.042
REP 1336379	QC	1.7	44.6	12.0	56	<0.1	22.4	9.3	440	2.25	4.3	18.7	1.8	15	0.2	0.4	0.2	40	0.08	0.044
Reference Materials																				
STD DS8	Standard	12.5	96.5	117.0	290	1.8	33.6	7.0	588	2.31	24.9	113.2	6.5	67	2.5	5.7	6.3	41	0.69	0.078
STD DS8	Standard	11.8	103.5	118.1	302	1.8	37.0	7.3	581	2.35	24.9	107.1	6.1	58	2.4	5.3	6.3	39	0.64	0.077
STD DS8	Standard	13.8	106.3	128.6	311	1.9	37.7	7.8	600	2.44	26.0	125.4	7.0	66	2.5	5.5	6.4	42	0.69	0.081
STD DS8	Standard	13.9	123.5	131.1	327	1.9	42.1	8.5	633	2.61	26.2	112.2	7.0	70	2.4	6.2	7.3	47	0.69	0.078
STD DS8	Standard	12.5	106.8	123.1	322	1.8	37.4	7.6	612	2.50	23.7	114.3	6.9	61	2.2	4.8	6.2	42	0.68	0.073
STD DS8	Standard	14.8	125.7	139.4	335	1.8	44.1	8.8	694	2.73	26.5	127.2	8.2	69	2.7	6.3	7.5	51	0.81	0.083
STD DS8	Standard	12.1	106.7	121.3	302	1.7	37.2	7.2	592	2.33	25.2	105.5	6.6	66	2.1	5.5	6.8	42	0.64	0.075
STD DS8	Standard	13.5	112.9	129.1	320	1.9	38.6	7.6	622	2.49	26.3	112.8	7.2	71	2.2	5.6	6.9	43	0.75	0.085
STD DS8	Standard	14.0	114.0	125.4	323	1.9	39.8	8.0	644	2.56	25.4	126.4	7.4	68	2.2	5.4	6.5	45	0.74	0.081
STD DS8	Standard	13.6	114.9	127.6	321	1.9	38.1	7.6	620	2.42	26.2	119.0	7.7	69	2.4	5.5	6.9	42	0.72	0.086
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<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	<0.5	<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	<0.5	<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	<0.5	<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	<0.5	<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	<0.5	<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	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001



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Part 2

QUALITY CONTROL REPORT

DAW11000245.2

		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		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	0.2
1337402	Soil	37	0.50	167	0.054	2	2.26	0.007	0.07	<0.1	0.04	3.0	0.1	<0.05	6	<0.5	<0.2
REP 1337402	QC	37	0.50	171	0.058	2	2.31	0.007	0.07	0.1	0.04	3.0	0.1	<0.05	6	<0.5	<0.2
1335997	Soil	34	0.54	377	0.062	2	1.90	0.009	0.09	0.2	0.08	4.6	0.1	<0.05	5	<0.5	<0.2
REP 1335997	QC	33	0.57	378	0.060	2	1.89	0.009	0.09	0.1	0.07	4.7	0.1	<0.05	5	<0.5	<0.2
1336354	Soil	53	0.69	393	0.387	<1	2.52	0.035	0.06	0.2	0.04	3.5	<0.1	<0.05	9	<0.5	<0.2
REP 1336354	QC	49	0.66	371	0.354	1	2.36	0.032	0.05	0.2	0.04	3.4	<0.1	<0.05	8	<0.5	<0.2
1336376	Soil	28	0.35	236	0.056	1	1.86	0.015	0.08	<0.1	0.07	2.8	0.1	<0.05	5	<0.5	<0.2
REP 1336376	QC	27	0.34	230	0.056	<1	1.76	0.015	0.08	<0.1	0.06	2.8	0.1	<0.05	5	<0.5	<0.2
1336379	Soil	25	0.47	195	0.072	2	1.24	0.006	0.22	<0.1	0.02	1.8	0.2	<0.05	4	<0.5	<0.2
REP 1336379	QC	28	0.50	209	0.078	1	1.33	0.006	0.23	<0.1	0.02	2.0	0.2	<0.05	4	0.5	<0.2
Reference Materials																	
STD DS8	Standard	111	0.59	285	0.116	2	0.90	0.089	0.41	2.6	0.19	2.1	5.3	0.12	4	5.0	4.8
STD DS8	Standard	112	0.58	258	0.106	2	0.83	0.078	0.38	2.9	0.19	2.0	5.2	0.16	4	5.7	4.5
STD DS8	Standard	115	0.61	268	0.115	3	0.90	0.087	0.40	2.9	0.20	2.0	5.4	0.15	5	4.9	5.1
STD DS8	Standard	127	0.68	272	0.126	2	0.94	0.078	0.42	2.9	0.21	2.1	5.5	0.17	4	5.8	5.3
STD DS8	Standard	117	0.61	270	0.112	2	0.87	0.085	0.40	2.9	0.19	2.1	5.4	0.19	5	4.8	4.8
STD DS8	Standard	140	0.69	302	0.139	4	1.04	0.098	0.45	3.2	0.20	2.3	5.7	0.21	5	5.6	4.7
STD DS8	Standard	113	0.62	262	0.116	2	0.85	0.073	0.39	2.8	0.20	1.8	5.0	0.16	4	4.4	4.5
STD DS8	Standard	119	0.65	279	0.125	2	0.92	0.085	0.42	3.0	0.21	2.3	5.7	0.19	5	5.8	5.3
STD DS8	Standard	124	0.63	280	0.128	3	0.94	0.089	0.42	3.0	0.21	2.1	5.4	0.22	5	5.0	4.8
STD DS8	Standard	115	0.64	294	0.123	3	0.92	0.089	0.41	3.0	0.21	2.2	5.7	0.16	5	4.9	5.3
STD DS8 Expected		115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank	<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	<0.2
BLK	Blank	<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	<0.2
BLK	Blank	<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	<0.2
BLK	Blank	<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	<0.2
BLK	Blank	<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	<0.2
BLK	Blank	<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	<0.2
BLK	Blank	<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	<0.2



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Project: FOM

Report Date: October 06, 2011

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QUALITY CONTROL REPORT

DAW11000245.2

		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	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1



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QUALITY CONTROL REPORT

DAW11000245.2

		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		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	0.2
BLK	Blank	<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	<0.2
BLK	Blank	<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	<0.2
BLK	Blank	<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	<0.2



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Submitted By: Hugh Baker

Receiving Lab: Canada-Dawson City

Received: August 30, 2011

Report Date: October 06, 2011

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CERTIFICATE OF ANALYSIS

DAW11000246.2

CLIENT JOB INFORMATION

Project: FOM
Shipment ID: FOM
P.O. Number
Number of Samples: 320

SAMPLE DISPOSAL

RTRN-PLP Return
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: Golden Predator Canada Corp.
11th Floor, 888 Dunsmuir Street
Vancouver BC V6C 3K4
Canada

CC: Andrew Caldwell
Jack Cote

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
Dry at 60C	320	Dry at 60C			DAW
SS80	320	Dry at 60C sieve 100g to -80 mesh			DAW
1DX2	320	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

Version 2 : Revised sample IDs 1339397, 1133610, 1336516 with 1336397, 1336610, 1336616.



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. Results apply to samples as submitted.
** asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



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Part 1

CERTIFICATE OF ANALYSIS

DAW11000246.2

	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	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		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	ppb 0.5	ppm 0.1	ppm 1	ppm 0.1	ppm 0.1	ppm 0.1	ppm 2	% 0.01	% 0.001
1336382	Soil	0.8	63.3	7.3	102	<0.1	37.9	10.5	382	2.73	4.0	<0.5	5.6	11	0.3	0.4	0.3	45	0.11	0.044
1336383	Soil	0.7	37.3	8.4	56	0.1	23.9	8.5	368	2.19	5.9	1.0	3.4	17	0.1	0.5	0.2	45	0.18	0.043
1336384	Soil	1.1	42.2	11.2	69	<0.1	29.4	10.3	434	2.84	8.8	2.7	3.4	20	<0.1	0.7	0.2	60	0.17	0.036
1336385	Soil	0.8	39.6	6.3	52	<0.1	27.9	8.5	290	1.82	3.6	<0.5	3.4	9	<0.1	0.3	0.1	32	0.08	0.012
1336386	Soil	4.0	28.2	8.6	50	<0.1	19.5	6.3	253	2.15	24.3	3.4	1.6	13	0.3	1.1	0.2	34	0.07	0.041
1336387	Soil	1.6	39.7	11.4	71	0.1	28.7	10.8	423	2.94	11.7	5.2	4.6	28	<0.1	0.9	0.2	59	0.27	0.052
1336388	Soil	1.5	31.3	12.6	59	0.2	21.4	8.2	265	2.62	9.9	0.9	2.6	25	0.2	0.6	0.2	55	0.24	0.051
1336389	Soil	1.7	41.5	12.7	72	0.1	27.8	10.1	360	3.03	11.7	10.2	4.0	30	0.1	0.8	0.2	59	0.29	0.058
1336390	Soil	1.8	41.7	10.8	66	0.1	24.3	7.9	277	2.43	8.2	0.9	4.3	24	0.2	0.7	0.2	47	0.21	0.040
1336391	Soil	1.9	41.1	12.8	72	0.2	31.2	9.8	399	2.79	10.6	2.0	4.6	31	0.1	0.9	0.2	53	0.31	0.062
1336392	Soil	1.3	31.9	10.6	62	0.2	22.1	8.5	252	2.48	8.4	2.5	1.8	23	0.2	0.6	0.2	52	0.24	0.051
1336393	Soil	1.6	37.0	11.5	65	0.2	28.5	10.7	468	2.68	10.3	2.9	4.1	29	0.2	0.9	0.2	53	0.31	0.056
1336394	Soil	1.5	36.5	10.8	68	0.3	25.0	8.6	250	2.66	8.1	3.3	1.5	26	0.2	0.6	0.2	51	0.26	0.062
1336395	Soil	1.8	37.0	11.1	72	0.2	24.9	10.8	397	2.76	9.7	3.1	3.1	25	0.2	0.7	0.2	56	0.27	0.061
1336396	Soil	1.6	36.0	11.2	69	0.2	25.0	9.4	270	2.72	8.6	3.9	1.6	26	0.2	0.6	0.2	56	0.27	0.058
1336397	Soil	1.7	39.6	12.0	70	0.2	26.2	9.9	321	2.85	9.0	1.8	2.7	27	0.1	0.7	0.2	56	0.26	0.053
1336398	Soil	1.3	32.6	10.1	66	0.1	21.7	8.9	266	2.53	8.4	4.9	2.2	23	0.2	0.6	0.2	55	0.25	0.065
1336399	Soil	1.5	30.2	10.3	57	0.2	19.3	8.1	249	2.37	7.6	2.7	0.9	22	0.2	0.5	0.2	49	0.22	0.049
1336400	Soil	1.2	24.4	10.1	55	0.2	18.1	6.1	145	2.13	7.7	1.2	0.8	21	0.1	0.5	0.2	48	0.22	0.054
1336401	Soil	1.1	28.1	9.9	62	0.1	20.6	8.0	222	2.33	7.4	3.9	2.6	24	0.2	0.6	0.2	48	0.26	0.061
1336402	Soil	1.2	29.8	11.4	71	0.2	23.9	10.2	286	2.64	9.0	1.2	3.2	26	0.1	0.7	0.2	57	0.29	0.062
1336403	Soil	1.5	36.9	11.1	65	0.2	24.1	8.6	311	2.55	8.8	2.2	4.8	28	0.1	0.6	0.2	57	0.29	0.052
1336404	Soil	1.4	27.9	10.3	55	0.1	22.0	9.5	331	2.48	9.0	5.2	4.3	25	<0.1	0.5	0.1	53	0.23	0.050
1336405	Soil	1.3	28.5	10.0	61	0.1	20.0	7.7	229	2.36	7.7	9.9	4.6	23	0.2	0.6	0.1	49	0.25	0.055
1336406	Soil	1.6	30.0	12.2	65	0.2	20.9	8.5	236	2.60	8.5	2.3	2.7	23	0.2	0.6	0.2	57	0.24	0.053
1336407	Soil	1.9	37.0	8.5	59	0.2	18.3	9.9	405	2.19	7.5	3.2	4.2	19	0.3	0.5	0.1	42	0.18	0.048
1336408	Soil	2.5	39.9	13.6	75	0.2	32.7	11.3	380	2.65	9.5	2.5	3.4	20	0.2	0.6	0.2	54	0.22	0.052
1336409	Soil	1.6	33.0	12.8	74	0.2	23.3	9.8	178	2.78	9.8	3.4	3.1	24	0.3	0.6	0.2	61	0.22	0.064
1336410	Soil	2.2	43.2	12.6	74	0.2	26.2	9.7	262	2.96	11.9	1.9	4.6	22	0.3	0.7	0.2	57	0.19	0.056
1336411	Soil	1.8	29.4	13.2	62	0.2	23.3	9.1	188	2.74	10.6	2.0	2.6	23	0.2	0.6	0.2	55	0.21	0.062



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	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	Te
		ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		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	0.2
1336382	Soil	28	0.70	305	0.090	<1	1.50	0.005	0.28	<0.1	0.02	2.8	0.2	<0.05	5	1.1	<0.2
1336383	Soil	27	0.48	279	0.070	<1	1.29	0.007	0.05	<0.1	0.04	3.6	<0.1	<0.05	4	<0.5	<0.2
1336384	Soil	36	0.57	320	0.071	<1	1.83	0.008	0.06	<0.1	0.04	4.5	0.1	<0.05	5	<0.5	<0.2
1336385	Soil	19	0.40	244	0.063	<1	1.08	0.004	0.17	<0.1	0.04	2.4	0.1	<0.05	4	0.5	<0.2
1336386	Soil	19	0.16	171	0.019	1	0.70	0.004	0.05	<0.1	0.03	1.9	0.2	<0.05	2	0.7	<0.2
1336387	Soil	37	0.54	482	0.065	<1	1.61	0.011	0.05	0.2	0.05	5.1	<0.1	<0.05	5	<0.5	<0.2
1336388	Soil	32	0.47	338	0.053	<1	1.63	0.009	0.04	0.1	0.05	3.5	<0.1	<0.05	5	0.6	<0.2
1336389	Soil	37	0.50	506	0.056	2	1.68	0.009	0.05	0.2	0.05	5.3	<0.1	<0.05	5	0.5	<0.2
1336390	Soil	28	0.41	387	0.056	<1	1.29	0.008	0.06	<0.1	0.05	3.7	<0.1	<0.05	4	0.8	<0.2
1336391	Soil	34	0.46	459	0.053	<1	1.35	0.012	0.06	0.1	0.05	4.0	<0.1	<0.05	4	0.6	<0.2
1336392	Soil	33	0.49	324	0.053	<1	1.55	0.010	0.04	0.1	0.04	3.1	<0.1	<0.05	5	0.8	<0.2
1336393	Soil	31	0.44	393	0.063	1	1.34	0.013	0.04	0.2	0.04	3.7	<0.1	<0.05	4	0.5	<0.2
1336394	Soil	35	0.51	412	0.043	<1	1.69	0.009	0.04	0.1	0.06	3.1	<0.1	<0.05	5	0.6	<0.2
1336395	Soil	34	0.50	463	0.061	<1	1.48	0.009	0.04	0.2	0.04	3.3	<0.1	<0.05	4	1.0	<0.2
1336396	Soil	36	0.53	477	0.053	1	1.76	0.010	0.05	0.2	0.04	3.2	<0.1	<0.05	5	<0.5	<0.2
1336397	Soil	37	0.55	468	0.067	2	1.65	0.011	0.05	0.2	0.04	3.7	<0.1	<0.05	5	0.7	<0.2
1336398	Soil	32	0.52	338	0.059	1	1.62	0.010	0.05	0.2	0.05	3.4	<0.1	<0.05	5	0.6	<0.2
1336399	Soil	30	0.42	348	0.047	<1	1.55	0.009	0.04	0.1	0.04	2.3	<0.1	<0.05	5	0.7	<0.2
1336400	Soil	28	0.44	296	0.042	1	1.48	0.009	0.04	0.2	0.04	2.1	<0.1	<0.05	4	<0.5	<0.2
1336401	Soil	30	0.48	300	0.058	<1	1.48	0.009	0.04	0.2	0.03	3.0	<0.1	<0.05	4	<0.5	<0.2
1336402	Soil	35	0.53	350	0.062	<1	1.69	0.010	0.05	0.2	0.06	3.7	<0.1	<0.05	5	<0.5	<0.2
1336403	Soil	32	0.45	364	0.085	<1	1.45	0.010	0.05	0.1	0.03	3.8	<0.1	<0.05	4	<0.5	<0.2
1336404	Soil	32	0.43	290	0.060	<1	1.43	0.008	0.04	0.1	0.04	3.4	<0.1	<0.05	4	<0.5	<0.2
1336405	Soil	30	0.43	292	0.073	<1	1.43	0.009	0.04	0.1	0.02	3.2	<0.1	<0.05	4	0.7	<0.2
1336406	Soil	33	0.42	320	0.064	<1	1.56	0.009	0.05	0.2	0.05	3.0	<0.1	<0.05	4	0.6	<0.2
1336407	Soil	24	0.34	321	0.066	<1	1.12	0.005	0.07	0.1	0.02	3.0	<0.1	<0.05	3	0.7	<0.2
1336408	Soil	45	0.41	337	0.058	<1	1.45	0.006	0.10	0.1	0.04	3.5	0.1	<0.05	4	1.7	<0.2
1336409	Soil	34	0.44	507	0.058	<1	1.89	0.007	0.06	0.1	0.06	3.6	0.1	<0.05	5	2.8	<0.2
1336410	Soil	32	0.36	330	0.075	<1	1.67	0.007	0.05	<0.1	0.04	3.5	<0.1	<0.05	5	1.0	<0.2
1336411	Soil	35	0.37	352	0.055	2	1.85	0.009	0.05	0.1	0.06	3.4	<0.1	<0.05	5	0.6	<0.2



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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	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1
1336412	Soil	1.9	35.4	12.4	59	0.2	26.1	8.4	278	2.54	10.3	5.5	4.2	22	0.1	0.5	0.2	53	0.21	0.043	16
1336413	Soil	1.6	31.3	9.0	53	0.1	19.8	7.2	229	2.19	8.0	3.0	3.3	15	<0.1	0.4	0.1	44	0.17	0.031	13
1336414	Soil	1.8	25.5	10.4	53	<0.1	18.6	9.5	311	2.25	8.7	4.1	2.7	12	0.1	0.4	0.2	47	0.10	0.031	10
1336415	Soil	1.3	21.3	7.2	38	<0.1	14.5	5.8	175	1.69	5.8	0.6	2.8	12	0.1	0.3	0.1	36	0.12	0.022	11
1336416	Soil	1.5	23.3	8.7	47	<0.1	16.8	5.3	157	1.90	6.8	0.8	2.5	11	<0.1	0.4	0.1	39	0.08	0.026	10
1336580	Soil	3.1	65.2	9.7	116	0.2	37.4	10.5	408	2.46	7.7	5.0	4.6	10	0.6	0.3	0.2	55	0.04	0.055	25
1336581	Soil	4.3	84.9	9.0	178	0.5	41.7	7.0	332	2.48	7.3	0.7	3.7	13	1.2	0.5	0.2	57	0.04	0.060	18
1336582	Soil	0.8	59.4	11.0	85	0.1	29.6	11.1	472	3.03	3.7	4.7	6.4	12	0.2	0.2	0.2	74	0.09	0.037	31
1336583	Soil	2.4	60.6	13.8	103	0.2	28.5	12.4	706	2.97	5.7	197.9	4.1	8	0.7	0.4	0.2	62	0.06	0.050	23
1336584	Soil	2.7	65.3	8.4	195	0.3	54.7	9.5	396	2.53	4.8	0.7	4.3	19	1.0	0.3	0.2	53	0.26	0.073	23
1336585	Soil	6.2	69.2	12.8	175	1.0	37.6	5.8	281	2.52	6.9	0.6	4.1	30	1.2	1.0	0.2	43	0.06	0.062	20
1336586	Soil	3.2	60.1	10.1	91	0.5	35.3	7.4	214	2.34	7.9	4.7	3.4	21	0.6	0.4	0.2	52	0.13	0.032	14
1336587	Soil	4.8	68.2	11.1	102	0.4	36.7	10.6	396	2.76	7.3	3.4	4.5	29	0.5	0.6	0.2	93	0.25	0.092	22
1336588	Soil	9.6	98.4	12.4	171	1.3	56.8	7.8	130	3.92	23.5	2.0	4.8	59	1.0	3.0	0.2	90	0.11	0.094	22
1336589	Soil	1.5	75.1	5.1	242	0.2	64.3	7.9	149	2.46	7.5	0.8	2.7	18	0.7	0.7	0.1	76	0.17	0.051	15
1336590	Soil	0.7	40.7	6.7	201	0.1	124.9	12.8	275	2.50	3.6	2.4	4.8	15	0.6	0.2	0.1	48	0.22	0.058	28
1336591	Soil	1.6	55.0	6.9	157	0.2	86.3	8.4	195	2.37	6.5	2.2	4.2	19	0.5	0.6	0.1	57	0.24	0.056	20
1336592	Soil	3.8	97.0	8.7	188	0.3	56.0	9.2	168	3.44	20.0	7.2	3.6	29	1.0	0.8	0.2	64	0.14	0.101	26
1336593	Soil	5.7	130.5	9.8	206	0.4	71.7	12.5	200	3.33	20.0	5.1	4.3	25	1.2	1.5	0.2	75	0.23	0.113	27
1336594	Soil	1.5	58.1	10.2	93	0.1	39.1	10.1	361	2.84	9.9	8.9	8.1	16	0.2	0.3	0.2	48	0.20	0.077	40
1336595	Soil	0.9	60.4	5.6	80	0.1	65.4	11.7	364	2.73	6.1	2.4	4.1	15	0.2	0.2	0.1	65	0.24	0.054	17
1336596	Soil	1.2	57.0	7.5	88	<0.1	48.8	9.3	262	2.64	6.8	2.6	3.7	14	0.2	0.3	0.1	67	0.16	0.029	12
1336597	Soil	0.9	54.7	5.3	80	0.1	59.4	14.2	392	2.62	3.5	4.5	3.3	13	0.2	0.2	<0.1	63	0.25	0.050	16
1336598	Soil	0.9	79.0	5.8	119	<0.1	101.4	15.0	351	2.84	6.1	5.4	5.5	17	0.2	0.1	0.2	47	0.26	0.046	20
1336599	Soil	0.9	31.4	6.3	62	0.1	20.2	8.1	183	2.20	6.4	2.3	3.1	21	0.1	0.4	0.1	54	0.30	0.056	14
1336600	Soil	1.3	25.4	6.5	61	0.1	21.2	10.9	430	2.13	5.8	2.3	3.3	25	0.2	0.3	0.1	50	0.34	0.078	21
1336601	Soil	0.9	25.0	6.7	56	0.1	23.4	7.8	222	2.05	5.5	2.2	3.4	26	0.2	0.3	0.1	44	0.35	0.070	18
1336602	Soil	1.0	24.7	7.0	58	<0.1	23.0	8.5	269	2.28	5.8	2.2	4.5	26	<0.1	0.3	0.1	49	0.36	0.071	19
1336603	Soil	1.0	35.2	8.3	69	0.1	25.2	9.0	313	2.48	6.4	2.0	4.5	24	0.1	0.3	0.2	54	0.30	0.075	21
1336604	Soil	1.0	33.5	6.6	65	0.2	22.0	7.6	192	2.25	6.9	1.2	4.5	19	0.2	0.3	0.1	48	0.25	0.051	18



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		Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	Te
		ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		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	0.2
1336412	Soil	39	0.36	296	0.061	<1	1.45	0.007	0.05	0.1	0.03	3.1	<0.1	<0.05	4	<0.5	<0.2
1336413	Soil	27	0.29	250	0.043	<1	1.18	0.006	0.05	<0.1	0.03	3.1	<0.1	<0.05	4	0.6	<0.2
1336414	Soil	26	0.24	166	0.046	1	1.20	0.005	0.05	<0.1	0.01	2.1	<0.1	<0.05	4	0.6	<0.2
1336415	Soil	22	0.24	189	0.038	<1	0.92	0.005	0.03	<0.1	0.02	2.1	<0.1	<0.05	3	0.5	<0.2
1336416	Soil	21	0.21	156	0.021	<1	0.93	0.004	0.03	<0.1	0.03	2.2	<0.1	<0.05	3	0.7	<0.2
1336580	Soil	26	0.49	384	0.055	<1	1.10	0.003	0.29	<0.1	0.04	2.1	0.3	<0.05	3	1.5	<0.2
1336581	Soil	26	0.53	376	0.031	<1	0.96	0.004	0.17	<0.1	0.03	1.3	0.3	<0.05	3	2.0	<0.2
1336582	Soil	30	0.65	358	0.096	<1	1.88	0.005	0.54	<0.1	0.03	6.1	0.3	<0.05	7	<0.5	<0.2
1336583	Soil	29	0.49	164	0.068	<1	1.65	0.005	0.21	0.1	0.04	2.7	0.2	<0.05	5	0.5	<0.2
1336584	Soil	42	0.79	858	0.085	<1	1.37	0.008	0.38	<0.1	0.03	2.8	0.2	<0.05	4	1.1	<0.2
1336585	Soil	20	0.43	402	0.037	<1	0.75	0.005	0.29	<0.1	0.04	1.4	0.4	0.25	3	3.3	<0.2
1336586	Soil	27	0.39	342	0.044	<1	1.37	0.006	0.05	0.1	0.04	3.2	0.1	<0.05	4	0.9	<0.2
1336587	Soil	52	0.73	596	0.075	1	1.77	0.007	0.13	0.1	0.08	4.2	0.2	<0.05	5	0.7	<0.2
1336588	Soil	34	0.46	472	0.039	<1	1.22	0.012	0.16	0.2	0.07	2.3	0.3	0.27	3	4.2	0.3
1336589	Soil	87	1.24	1260	0.098	<1	1.67	0.006	0.27	<0.1	0.03	5.5	0.2	<0.05	6	0.9	<0.2
1336590	Soil	168	1.36	1479	0.144	<1	1.70	0.007	0.71	<0.1	0.01	3.5	0.3	<0.05	6	<0.5	<0.2
1336591	Soil	121	1.14	1114	0.095	<1	1.60	0.008	0.37	<0.1	0.03	3.7	0.2	<0.05	5	<0.5	<0.2
1336592	Soil	50	0.81	554	0.077	<1	1.31	0.005	0.46	<0.1	0.03	2.7	0.3	<0.05	4	1.9	<0.2
1336593	Soil	60	0.86	681	0.062	<1	1.28	0.005	0.33	<0.1	0.06	3.1	0.3	0.06	4	2.9	<0.2
1336594	Soil	37	0.84	277	0.102	<1	1.60	0.006	0.69	<0.1	0.02	3.8	0.4	<0.05	5	0.8	<0.2
1336595	Soil	89	1.29	565	0.104	<1	1.86	0.007	0.49	<0.1	0.02	5.9	0.2	<0.05	6	0.6	<0.2
1336596	Soil	45	0.93	546	0.084	<1	1.82	0.007	0.17	<0.1	0.02	4.1	0.1	<0.05	5	0.6	<0.2
1336597	Soil	94	1.04	422	0.099	<1	1.62	0.008	0.46	<0.1	0.02	5.0	0.2	<0.05	5	<0.5	<0.2
1336598	Soil	66	1.52	357	0.129	<1	2.13	0.012	0.67	<0.1	0.01	4.4	0.3	<0.05	6	0.5	<0.2
1336599	Soil	27	0.53	215	0.073	<1	1.33	0.011	0.10	0.1	0.03	3.2	<0.1	<0.05	4	0.5	<0.2
1336600	Soil	26	0.49	228	0.069	<1	1.26	0.011	0.11	0.2	0.02	3.1	<0.1	<0.05	4	0.6	<0.2
1336601	Soil	30	0.49	243	0.066	<1	1.24	0.012	0.09	0.2	0.02	3.0	<0.1	<0.05	4	<0.5	<0.2
1336602	Soil	32	0.57	247	0.075	<1	1.31	0.011	0.11	0.1	0.02	3.3	<0.1	<0.05	4	<0.5	<0.2
1336603	Soil	31	0.61	265	0.080	<1	1.51	0.010	0.23	0.1	0.02	3.8	0.1	<0.05	5	<0.5	<0.2
1336604	Soil	27	0.54	247	0.072	<1	1.29	0.008	0.19	0.1	<0.01	3.1	0.1	<0.05	4	0.6	<0.2



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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	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
		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	0.5	0.1	1	0.1	0.1	0.1	0.1	2	0.01	0.001
1336605	Soil	1.6	42.0	10.2	80	0.4	35.0	8.0	306	2.65	8.7	0.8	4.2	47	0.2	0.3	0.2	54	0.73	0.056	29
1336606	Soil	1.2	29.6	7.9	72	0.2	27.2	11.0	414	2.36	7.4	1.8	4.2	37	0.3	0.3	0.2	51	0.69	0.062	23
1336607	Soil	1.4	38.2	9.5	79	0.2	30.1	11.6	346	2.86	11.0	0.8	5.0	36	0.3	0.4	0.2	58	0.53	0.080	26
1336608	Soil	1.4	47.6	8.5	74	0.2	33.7	8.0	384	2.34	10.5	1.6	4.8	26	0.3	0.3	0.2	43	0.27	0.063	22
1336609	Soil	2.0	64.3	15.0	117	0.2	58.8	12.1	582	3.44	12.3	<0.5	11.1	76	0.2	0.3	0.2	67	0.64	0.254	47
1336610	Soil	1.5	33.8	10.3	67	0.1	30.0	9.7	398	2.55	8.9	2.7	4.8	22	0.1	0.5	0.2	54	0.32	0.049	19
1336611	Soil	1.5	43.5	11.0	67	<0.1	30.6	10.6	387	3.07	9.4	6.3	6.3	18	<0.1	0.5	0.2	63	0.16	0.029	26
1336612	Soil	2.6	58.5	15.9	54	0.2	24.7	8.2	441	2.69	6.9	8.3	7.7	22	0.1	0.6	0.3	36	0.12	0.042	24
1336613	Soil	1.0	32.2	20.2	70	<0.1	29.2	14.1	641	2.41	8.6	6.4	13.1	15	<0.1	0.4	0.3	26	0.17	0.032	48
1336614	Soil	1.1	32.9	11.1	63	0.2	28.3	8.7	235	2.77	6.4	3.4	4.6	16	0.1	0.5	0.2	54	0.16	0.035	19
1336615	Soil	1.6	43.4	11.8	104	0.2	41.5	12.5	339	2.80	5.8	2.8	5.4	15	0.4	0.4	0.2	50	0.11	0.036	20
1336616	Soil	1.3	33.0	11.5	56	0.1	21.7	7.7	241	2.38	5.4	1.5	4.8	13	0.2	0.4	0.2	44	0.08	0.026	15
1336617	Soil	1.1	30.3	9.4	58	<0.1	23.0	8.4	243	2.46	5.7	2.6	4.3	16	0.2	0.4	0.1	48	0.12	0.024	16
1336618	Soil	1.6	47.7	11.0	67	0.2	36.1	11.1	447	2.90	11.8	3.4	4.7	16	0.1	0.5	0.2	58	0.12	0.038	21
1336619	Soil	1.4	30.1	9.9	54	0.2	20.6	6.6	180	2.27	5.8	5.1	3.7	14	0.2	0.5	0.2	45	0.11	0.025	15
1336620	Soil	1.4	32.8	12.4	49	0.2	23.9	8.5	498	1.93	3.9	<0.5	1.4	15	0.4	0.3	0.2	43	0.10	0.037	13
1336621	Soil	1.1	29.3	10.5	58	0.1	23.3	7.6	208	2.48	6.9	3.4	5.2	16	0.1	0.5	0.2	51	0.13	0.019	17
1336622	Soil	0.9	11.7	8.6	44	0.2	13.9	6.2	185	1.72	4.1	<0.5	2.8	15	0.3	0.3	0.2	41	0.12	0.028	13
1336623	Soil	1.3	37.3	11.6	71	0.1	35.7	10.0	154	2.80	8.3	<0.5	4.8	14	0.2	0.5	0.2	55	0.11	0.030	20
1336624	Soil	1.8	21.8	13.6	48	0.7	17.3	8.5	299	2.57	6.1	3.5	3.3	10	0.2	0.5	0.3	61	0.08	0.030	13
1336625	Soil	1.8	55.0	12.3	62	<0.1	34.0	9.5	264	3.08	10.0	3.3	7.3	20	0.2	0.7	0.2	59	0.14	0.023	21
1336626	Soil	1.5	40.4	11.0	55	0.1	24.7	6.8	215	2.56	6.0	3.1	6.2	13	<0.1	0.6	0.2	45	0.10	0.021	18
1336627	Soil	2.1	28.3	12.2	45	0.3	17.0	4.6	136	2.34	6.1	1.6	4.2	16	0.1	0.6	0.2	54	0.11	0.027	16
1336628	Soil	1.4	34.4	10.2	50	0.1	22.2	5.4	168	2.13	4.9	1.5	4.1	15	0.1	0.5	0.2	41	0.09	0.024	19
1336629	Soil	2.6	45.0	13.9	58	0.2	21.8	5.4	159	2.70	5.5	1.5	6.6	13	0.1	0.8	0.3	42	0.05	0.041	22
1336630	Soil	1.6	26.1	10.5	45	0.2	15.2	4.9	214	1.86	5.2	<0.5	3.1	13	0.3	0.4	0.2	45	0.08	0.035	16
1336631	Soil	1.2	48.1	12.1	78	0.3	39.5	10.2	582	2.92	8.1	4.2	4.2	26	0.2	0.6	0.2	55	0.59	0.061	22
1336632	Soil	0.6	42.8	11.3	68	0.2	38.7	11.6	446	2.57	10.5	1.7	2.8	47	0.4	0.6	0.2	52	3.02	0.062	19
1336633	Soil	0.5	44.1	10.0	72	0.2	36.4	11.2	372	2.47	6.6	1.8	2.7	41	0.6	0.8	0.2	48	2.22	0.069	20
1336634	Soil	0.6	41.9	8.9	74	0.3	35.3	10.7	645	2.36	8.0	1.0	1.3	45	0.6	0.9	0.1	52	2.31	0.085	15



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	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	Te
		ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		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	0.2
1336605	Soil	38	0.61	344	0.061	<1	1.66	0.012	0.15	0.2	0.03	3.7	0.1	0.14	5	0.7	<0.2
1336606	Soil	29	0.56	275	0.064	1	1.60	0.010	0.20	0.2	0.04	3.0	0.1	0.05	5	0.5	<0.2
1336607	Soil	32	0.59	328	0.069	<1	1.59	0.009	0.22	0.2	0.04	3.8	0.1	0.05	5	<0.5	<0.2
1336608	Soil	31	0.53	291	0.071	<1	1.29	0.009	0.31	0.2	0.01	2.6	0.2	<0.05	5	<0.5	<0.2
1336609	Soil	77	0.98	372	0.114	<1	1.95	0.008	0.50	0.2	0.02	3.9	0.3	<0.05	6	0.8	<0.2
1336610	Soil	39	0.56	332	0.060	<1	1.57	0.011	0.07	0.2	0.05	4.3	<0.1	<0.05	5	<0.5	<0.2
1336611	Soil	42	0.57	285	0.056	<1	1.86	0.007	0.07	0.1	0.08	6.6	0.1	<0.05	5	<0.5	<0.2
1336612	Soil	28	0.39	241	0.038	<1	1.28	0.005	0.14	<0.1	0.10	4.7	0.1	0.07	4	<0.5	<0.2
1336613	Soil	25	0.56	167	0.050	<1	1.34	0.005	0.21	<0.1	0.05	3.0	0.2	<0.05	4	<0.5	<0.2
1336614	Soil	37	0.57	224	0.061	<1	1.43	0.006	0.11	<0.1	0.02	2.8	<0.1	<0.05	5	<0.5	<0.2
1336615	Soil	30	0.56	269	0.059	<1	1.50	0.007	0.17	<0.1	0.02	2.9	0.2	<0.05	5	<0.5	<0.2
1336616	Soil	26	0.44	170	0.053	<1	1.31	0.008	0.12	<0.1	0.01	2.0	0.1	0.05	4	<0.5	<0.2
1336617	Soil	28	0.48	228	0.061	<1	1.40	0.008	0.10	0.1	0.02	2.7	<0.1	<0.05	4	<0.5	<0.2
1336618	Soil	52	0.66	328	0.065	<1	1.61	0.006	0.22	<0.1	0.02	3.5	0.1	0.06	5	<0.5	<0.2
1336619	Soil	25	0.43	209	0.048	<1	1.39	0.007	0.08	<0.1	0.02	2.4	0.1	<0.05	4	<0.5	<0.2
1336620	Soil	31	0.29	222	0.040	<1	1.15	0.014	0.10	<0.1	0.02	1.6	<0.1	0.05	5	<0.5	<0.2
1336621	Soil	31	0.49	207	0.049	<1	1.49	0.007	0.06	<0.1	0.02	3.4	<0.1	<0.05	4	<0.5	<0.2
1336622	Soil	18	0.30	183	0.037	<1	0.99	0.006	0.06	<0.1	<0.01	1.4	<0.1	<0.05	4	<0.5	<0.2
1336623	Soil	32	0.52	218	0.057	<1	1.75	0.006	0.18	<0.1	0.01	2.6	0.2	<0.05	5	<0.5	<0.2
1336624	Soil	27	0.22	169	0.021	<1	1.45	0.006	0.04	0.4	0.02	2.0	0.1	<0.05	5	<0.5	<0.2
1336625	Soil	37	0.54	293	0.046	<1	2.05	0.007	0.08	<0.1	0.06	6.4	0.1	<0.05	5	<0.5	<0.2
1336626	Soil	28	0.51	204	0.043	<1	1.37	0.006	0.09	<0.1	0.03	3.5	0.1	<0.05	4	<0.5	<0.2
1336627	Soil	25	0.38	207	0.033	<1	1.48	0.009	0.08	0.1	0.04	2.6	0.1	0.05	5	<0.5	<0.2
1336628	Soil	24	0.42	225	0.033	<1	1.18	0.005	0.09	<0.1	0.02	2.2	0.1	<0.05	4	<0.5	<0.2
1336629	Soil	24	0.44	256	0.032	<1	1.23	0.005	0.16	<0.1	0.02	1.8	0.3	0.16	3	1.1	<0.2
1336630	Soil	21	0.32	255	0.046	<1	1.05	0.007	0.09	0.1	0.02	1.8	0.1	<0.05	5	<0.5	<0.2
1336631	Soil	39	0.65	362	0.048	<1	1.65	0.013	0.10	0.1	0.09	4.4	<0.1	<0.05	5	<0.5	<0.2
1336632	Soil	41	1.13	268	0.050	1	1.58	0.013	0.10	0.1	0.15	3.7	<0.1	0.06	4	<0.5	<0.2
1336633	Soil	35	0.77	289	0.047	1	1.45	0.012	0.11	<0.1	0.15	3.3	0.1	0.07	4	<0.5	<0.2
1336634	Soil	35	0.75	351	0.041	2	1.49	0.015	0.06	0.1	0.12	3.0	<0.1	0.07	4	<0.5	<0.2



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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	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1
1336635	Soil	1.1	43.5	10.6	83	0.2	33.4	10.1	398	2.94	8.1	2.0	4.3	23	0.2	0.8	0.2	72	0.32	0.035	18
1336636	Soil	1.0	40.2	8.4	71	0.2	27.0	10.8	491	2.68	7.9	1.9	3.5	19	0.2	0.6	0.2	65	0.17	0.036	15
1336637	Soil	1.3	33.8	10.0	60	<0.1	28.0	10.5	365	2.88	7.2	0.6	3.6	15	0.2	0.6	0.2	69	0.14	0.037	13
1336638	Soil	1.0	36.1	9.2	75	<0.1	31.9	12.4	361	2.71	7.0	2.0	6.1	16	0.2	0.4	0.2	56	0.15	0.045	23
1336639	Soil	0.8	17.5	9.4	51	<0.1	17.2	5.1	139	2.03	5.5	2.5	4.9	11	0.1	0.3	0.2	44	0.10	0.023	18
1336640	Soil	2.5	25.4	12.3	43	0.2	17.7	6.8	188	2.16	8.4	2.1	2.6	20	<0.1	1.0	0.2	43	0.14	0.053	13
1336641	Soil	2.0	18.7	12.5	48	<0.1	14.8	5.8	226	2.46	9.3	3.0	1.1	14	0.2	0.7	0.2	60	0.09	0.061	12
1336642	Soil	1.0	27.8	9.0	49	0.1	19.8	6.7	229	2.11	7.5	2.6	1.7	24	<0.1	0.7	0.2	46	0.23	0.065	17
1336643	Soil	1.5	34.2	12.8	65	<0.1	24.2	8.8	334	2.73	11.3	2.9	3.8	27	<0.1	0.8	0.2	61	0.23	0.056	18
1336644	Soil	1.2	28.9	10.8	62	<0.1	22.4	8.5	294	2.52	9.6	4.2	2.4	23	<0.1	0.7	0.2	56	0.23	0.056	16
1336645	Soil	1.4	26.4	10.8	53	<0.1	19.2	7.8	274	2.41	9.2	2.1	3.2	21	<0.1	0.7	0.2	54	0.19	0.051	15
1336646	Soil	1.5	24.0	10.6	52	0.2	18.4	7.7	252	2.28	8.2	6.0	2.4	20	0.1	0.5	0.2	52	0.18	0.056	16
1336647	Soil	2.4	31.9	12.2	54	0.1	19.7	6.3	211	2.31	8.6	3.1	3.3	28	0.1	0.9	0.2	51	0.18	0.043	17
1336648	Soil	2.5	31.8	13.4	67	0.1	24.4	10.2	387	3.22	12.0	6.3	2.5	22	0.2	0.6	0.4	65	0.14	0.071	13
1336649	Soil	1.9	46.8	11.7	66	<0.1	27.5	11.6	341	2.86	11.3	5.7	4.4	16	0.2	0.7	0.3	58	0.09	0.039	12
1336650	Soil	1.8	36.8	12.9	72	<0.1	27.8	9.6	342	3.12	13.7	6.0	3.3	21	0.1	0.7	0.3	63	0.15	0.038	17
1336651	Soil	1.2	32.3	11.5	61	<0.1	25.3	9.7	298	2.92	12.6	3.3	4.0	16	0.2	0.6	0.2	59	0.12	0.027	13
1336652	Soil	1.6	35.7	12.5	64	<0.1	24.0	9.6	292	3.05	12.3	4.0	4.2	18	0.2	0.8	0.3	67	0.11	0.027	14
1336653	Soil	1.7	29.0	12.3	73	0.1	22.7	11.1	473	3.11	13.1	2.7	4.2	18	0.1	0.6	0.2	69	0.13	0.039	16
1336654	Soil	2.2	39.1	9.7	52	0.2	22.3	6.2	198	2.41	13.1	4.8	3.3	19	0.2	0.8	0.2	53	0.07	0.037	10
1336655	Soil	3.2	27.1	11.3	68	0.3	15.8	10.1	792	2.71	11.9	1.7	1.8	24	0.6	0.8	0.3	61	0.10	0.065	10
1336656	Soil	3.0	31.1	9.6	48	0.1	18.5	6.6	238	2.25	8.5	6.1	2.9	17	0.1	0.8	0.2	49	0.09	0.029	11
1336657	Soil	1.9	29.8	11.8	60	0.1	21.7	8.8	324	2.75	9.7	2.9	3.3	16	0.2	0.5	0.2	59	0.13	0.036	14
1336658	Soil	1.8	28.4	11.3	57	0.1	20.0	8.2	294	2.61	9.8	4.0	2.6	14	0.3	0.6	0.2	58	0.11	0.043	13
1336659	Soil	1.4	20.4	10.8	48	0.1	18.0	10.0	386	2.55	9.0	3.0	1.8	13	0.2	0.5	0.2	57	0.13	0.052	12
1336660	Soil	1.4	23.5	10.2	56	0.2	18.8	7.6	294	2.46	8.8	5.2	1.7	16	0.2	0.4	0.2	50	0.16	0.053	12
1336661	Soil	1.6	20.1	8.8	51	0.2	16.4	7.0	340	2.14	8.6	7.4	2.5	15	0.2	0.5	0.2	46	0.14	0.043	14
1336662	Soil	1.4	34.1	11.0	68	<0.1	27.8	9.8	427	2.94	12.7	4.8	4.4	18	0.1	0.7	0.2	63	0.15	0.037	18
1336663	Soil	2.3	32.5	11.2	69	0.2	21.5	8.3	268	2.81	10.5	2.7	1.9	17	0.3	0.5	0.2	62	0.15	0.075	15
1336664	Soil	1.0	23.2	9.5	58	0.1	21.0	8.5	298	2.41	8.0	9.2	2.4	16	0.1	0.4	0.2	52	0.19	0.057	15



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	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	Te
		ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		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	0.2
1336635	Soil	38	0.66	517	0.060	<1	1.91	0.010	0.07	<0.1	0.06	6.0	0.1	<0.05	6	<0.5	<0.2
1336636	Soil	33	0.60	362	0.059	<1	1.69	0.007	0.05	<0.1	0.03	4.4	<0.1	<0.05	5	<0.5	<0.2
1336637	Soil	37	0.63	194	0.072	<1	1.71	0.008	0.06	<0.1	0.01	3.6	<0.1	<0.05	5	<0.5	<0.2
1336638	Soil	40	0.59	231	0.072	<1	1.75	0.007	0.12	<0.1	0.03	4.1	0.2	<0.05	5	<0.5	<0.2
1336639	Soil	22	0.33	102	0.053	<1	1.19	0.006	0.09	<0.1	<0.01	1.8	0.1	<0.05	4	<0.5	<0.2
1336640	Soil	25	0.37	851	0.041	<1	1.33	0.006	0.04	0.1	0.05	2.8	<0.1	<0.05	4	<0.5	<0.2
1336641	Soil	25	0.33	365	0.044	<1	1.49	0.007	0.04	0.1	0.02	1.8	0.1	<0.05	6	<0.5	<0.2
1336642	Soil	27	0.43	480	0.049	1	1.31	0.009	0.04	0.1	0.05	3.0	<0.1	<0.05	4	<0.5	<0.2
1336643	Soil	37	0.53	622	0.054	<1	1.87	0.009	0.05	0.1	0.06	5.7	0.1	<0.05	5	<0.5	<0.2
1336644	Soil	33	0.49	427	0.052	<1	1.61	0.009	0.05	0.1	0.04	3.9	<0.1	<0.05	5	<0.5	<0.2
1336645	Soil	32	0.44	378	0.051	2	1.60	0.008	0.04	0.1	0.05	3.7	<0.1	<0.05	5	<0.5	<0.2
1336646	Soil	30	0.44	323	0.047	<1	1.49	0.008	0.04	0.1	0.06	3.2	<0.1	<0.05	4	<0.5	<0.2
1336647	Soil	32	0.44	556	0.048	<1	1.50	0.009	0.04	0.1	0.06	3.9	0.1	<0.05	4	<0.5	<0.2
1336648	Soil	40	0.46	598	0.037	1	1.93	0.008	0.05	0.1	0.04	3.8	0.1	0.05	6	0.8	<0.2
1336649	Soil	35	0.44	566	0.036	<1	1.96	0.007	0.05	0.1	0.03	3.9	<0.1	0.05	5	<0.5	<0.2
1336650	Soil	36	0.53	907	0.036	<1	1.97	0.008	0.06	0.2	0.07	6.6	<0.1	<0.05	5	0.7	<0.2
1336651	Soil	35	0.49	650	0.027	1	1.99	0.007	0.05	0.1	0.04	4.0	<0.1	<0.05	5	<0.5	<0.2
1336652	Soil	38	0.48	906	0.037	1	2.21	0.007	0.06	0.1	0.03	4.6	0.1	<0.05	6	<0.5	<0.2
1336653	Soil	36	0.50	685	0.052	1	1.95	0.009	0.05	0.1	0.04	5.2	<0.1	<0.05	6	<0.5	<0.2
1336654	Soil	29	0.36	524	0.023	1	1.60	0.006	0.04	0.1	0.04	2.7	0.1	<0.05	4	0.7	<0.2
1336655	Soil	27	0.29	649	0.019	1	1.63	0.006	0.05	0.2	0.04	2.4	0.1	<0.05	5	1.0	<0.2
1336656	Soil	29	0.35	386	0.035	<1	1.32	0.005	0.03	<0.1	0.04	2.9	<0.1	<0.05	4	1.1	<0.2
1336657	Soil	35	0.44	536	0.042	1	1.66	0.007	0.05	0.1	0.05	3.7	<0.1	<0.05	5	0.6	<0.2
1336658	Soil	33	0.40	399	0.038	<1	1.74	0.007	0.04	0.2	0.05	3.3	<0.1	<0.05	5	<0.5	<0.2
1336659	Soil	29	0.38	445	0.042	1	1.62	0.007	0.04	0.2	0.03	2.4	<0.1	<0.05	5	<0.5	<0.2
1336660	Soil	30	0.45	435	0.042	<1	1.68	0.008	0.05	0.2	0.04	2.7	<0.1	<0.05	5	0.6	<0.2
1336661	Soil	25	0.38	409	0.038	<1	1.23	0.006	0.03	0.2	0.04	2.7	<0.1	<0.05	4	<0.5	<0.2
1336662	Soil	35	0.56	513	0.054	1	1.96	0.009	0.05	0.2	0.07	5.7	<0.1	<0.05	5	<0.5	<0.2
1336663	Soil	35	0.46	366	0.036	<1	1.90	0.006	0.06	0.2	0.04	3.5	<0.1	<0.05	5	0.6	<0.2
1336664	Soil	31	0.50	395	0.046	<1	1.55	0.008	0.05	0.2	0.04	3.2	<0.1	<0.05	4	<0.5	<0.2



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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	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1
1336665	Soil	2.0	28.6	9.1	60	0.2	22.0	8.1	262	2.46	7.8	9.8	2.1	16	0.2	0.5	0.2	52	0.16	0.065	16
1336666	Soil	1.9	22.9	11.4	56	0.1	19.4	7.6	315	2.63	10.3	3.3	2.0	14	0.1	0.4	0.2	57	0.13	0.051	14
1336667	Soil	2.2	30.7	11.7	63	0.1	23.3	9.5	339	2.81	9.7	2.4	2.8	16	0.1	0.6	0.2	63	0.12	0.040	13
1336668	Soil	2.2	18.1	11.6	62	0.2	19.1	8.8	378	2.82	10.5	0.9	1.0	13	0.4	0.5	0.2	67	0.10	0.043	10
1334451	Soil	1.1	17.8	9.0	52	0.2	14.2	8.0	342	2.53	5.8	2.7	1.5	52	0.1	0.3	0.2	70	0.42	0.064	13
1334452	Soil	0.8	16.4	8.6	55	<0.1	17.5	9.9	339	2.93	7.4	1.9	2.5	41	<0.1	0.4	0.2	80	0.26	0.042	13
1334453	Soil	0.7	15.1	7.7	49	<0.1	15.5	8.4	287	2.48	5.9	1.7	3.0	47	<0.1	0.3	0.1	69	0.32	0.039	15
1334454	Soil	0.9	12.4	8.2	46	<0.1	14.1	7.1	206	2.65	8.0	1.4	1.1	27	0.1	0.3	0.1	67	0.18	0.042	10
1334455	Soil	0.3	3.9	3.3	12	<0.1	2.1	1.8	85	0.69	1.0	<0.5	<0.1	11	<0.1	<0.1	<0.1	19	0.07	0.034	3
1334456	Soil	1.0	16.4	9.1	54	<0.1	17.1	9.3	303	2.93	9.2	2.2	3.4	41	0.1	0.4	0.2	72	0.27	0.056	11
1334457	Soil	0.6	20.5	7.7	52	<0.1	17.0	7.2	248	2.30	5.5	2.3	2.4	43	<0.1	0.3	0.2	55	0.41	0.068	16
1334458	Soil	0.8	19.0	8.9	52	<0.1	18.2	7.8	184	2.34	6.6	4.1	1.2	31	0.1	0.3	0.2	57	0.29	0.063	14
1334459	Soil	0.6	18.2	7.7	50	<0.1	16.7	6.8	175	2.05	5.7	4.3	2.1	29	<0.1	0.3	0.1	49	0.28	0.061	14
1334460	Soil	0.6	18.0	8.1	49	<0.1	16.8	7.4	170	2.18	6.4	2.3	2.1	29	<0.1	0.3	0.2	52	0.27	0.059	14
1334461	Soil	0.7	18.7	8.4	55	<0.1	18.4	6.4	142	2.10	5.7	1.8	0.5	27	0.2	0.4	0.2	48	0.26	0.062	11
1334462	Soil	0.9	29.2	8.3	45	0.2	17.3	6.5	162	1.87	4.3	2.4	0.2	42	0.5	0.3	0.2	45	0.28	0.068	14
1334463	Soil	0.6	11.1	5.8	16	<0.1	2.7	1.1	101	0.70	1.1	<0.5	<0.1	13	0.2	<0.1	0.1	24	0.06	0.028	5
1334464	Soil	0.2	3.6	2.6	5	<0.1	1.1	0.5	17	0.26	<0.5	<0.5	<0.1	7	<0.1	<0.1	<0.1	8	0.04	0.013	2
1334465	Soil	0.8	15.5	9.6	59	<0.1	15.9	10.1	282	2.55	5.3	6.4	2.6	61	0.1	0.3	0.1	83	0.38	0.063	13
1334466	Soil	1.0	8.4	6.0	23	<0.1	6.4	3.1	104	1.03	2.3	1.6	0.1	38	0.4	0.1	0.4	32	0.17	0.039	5
1334467	Soil	1.2	14.0	8.3	50	<0.1	14.6	6.6	235	2.17	5.0	1.8	0.5	42	0.3	0.3	0.2	59	0.26	0.047	9
1334468	Soil	1.1	14.5	9.7	54	<0.1	15.8	7.9	265	2.53	6.9	2.1	1.2	43	0.2	0.3	0.2	63	0.33	0.058	10
1334469	Soil	1.1	20.1	9.5	57	0.1	15.2	10.7	488	3.26	5.5	2.4	1.5	74	0.1	0.3	0.2	87	0.61	0.103	13
1334470	Soil	1.2	25.4	10.2	54	0.3	19.0	12.0	703	3.38	5.8	4.8	0.9	85	0.2	0.4	0.2	78	0.65	0.113	17
1334471	Soil	0.7	53.1	5.6	77	<0.1	22.3	22.7	896	5.76	2.3	1.3	2.0	366	<0.1	<0.1	<0.1	161	1.13	0.169	13
1334472	Soil	1.0	70.4	3.5	73	<0.1	20.4	25.3	619	6.12	1.4	1.0	2.1	253	<0.1	<0.1	<0.1	194	1.31	0.261	17
1334473	Soil	1.1	53.1	7.8	60	<0.1	37.3	19.6	724	4.65	3.8	2.2	2.0	196	0.1	0.2	<0.1	128	1.01	0.126	13
1334474	Soil	1.0	25.7	7.4	69	<0.1	17.8	14.7	421	3.87	5.0	1.9	2.2	103	<0.1	0.1	0.1	113	0.75	0.129	13
1334475	Soil	1.3	21.5	10.0	76	0.1	18.0	9.5	252	2.95	8.7	3.2	2.5	23	0.2	0.6	0.2	62	0.22	0.069	16
1334476	Soil	1.5	23.3	9.8	72	0.2	15.3	8.0	303	2.67	6.7	4.7	2.3	32	0.2	0.5	0.2	55	0.23	0.064	17



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	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	Te
		ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		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	0.2
1336665	Soil	33	0.47	262	0.052	<1	1.45	0.007	0.10	0.2	0.04	3.0	<0.1	<0.05	4	1.1	<0.2
1336666	Soil	31	0.45	232	0.047	<1	1.66	0.007	0.04	0.2	0.04	3.0	<0.1	<0.05	5	1.0	<0.2
1336667	Soil	37	0.46	324	0.055	<1	1.80	0.007	0.05	0.1	0.05	3.2	<0.1	<0.05	6	0.8	<0.2
1336668	Soil	30	0.38	219	0.044	<1	1.90	0.007	0.05	0.1	0.03	2.0	0.1	<0.05	6	<0.5	<0.2
1334451	Soil	23	0.53	216	0.089	<1	2.13	0.017	0.04	0.1	0.03	3.9	<0.1	<0.05	6	<0.5	<0.2
1334452	Soil	28	0.56	229	0.088	1	2.50	0.015	0.04	0.1	0.03	3.7	<0.1	<0.05	6	<0.5	<0.2
1334453	Soil	25	0.56	214	0.085	<1	1.83	0.016	0.03	<0.1	0.03	3.6	<0.1	<0.05	5	<0.5	<0.2
1334454	Soil	21	0.39	179	0.068	<1	2.26	0.013	0.03	0.1	0.03	2.4	<0.1	<0.05	7	<0.5	<0.2
1334455	Soil	5	0.09	41	0.024	<1	0.61	0.023	0.02	<0.1	0.01	0.3	<0.1	<0.05	3	<0.5	<0.2
1334456	Soil	28	0.59	217	0.075	<1	2.63	0.013	0.04	0.1	0.02	3.7	<0.1	<0.05	7	<0.5	<0.2
1334457	Soil	25	0.53	213	0.082	<1	1.73	0.012	0.04	0.1	0.03	3.5	<0.1	<0.05	5	<0.5	<0.2
1334458	Soil	26	0.51	210	0.063	1	2.11	0.011	0.04	0.2	0.04	2.9	<0.1	<0.05	6	<0.5	<0.2
1334459	Soil	25	0.47	188	0.066	<1	1.66	0.011	0.04	0.2	0.03	2.8	<0.1	<0.05	4	<0.5	<0.2
1334460	Soil	26	0.50	193	0.062	1	1.78	0.011	0.04	0.1	0.03	3.1	<0.1	<0.05	5	<0.5	<0.2
1334461	Soil	25	0.43	203	0.044	1	1.71	0.015	0.05	0.1	0.04	2.0	<0.1	<0.05	5	<0.5	<0.2
1334462	Soil	21	0.31	240	0.045	1	1.89	0.018	0.05	0.2	0.07	1.7	<0.1	<0.05	5	<0.5	<0.2
1334463	Soil	6	0.04	95	0.021	<1	0.61	0.016	0.02	<0.1	0.01	0.3	<0.1	<0.05	3	<0.5	<0.2
1334464	Soil	3	0.03	29	0.015	<1	0.24	0.021	0.02	<0.1	0.01	0.2	<0.1	<0.05	2	<0.5	<0.2
1334465	Soil	24	0.53	247	0.124	<1	2.30	0.023	0.04	0.1	0.03	3.5	<0.1	<0.05	5	<0.5	<0.2
1334466	Soil	11	0.14	89	0.048	1	0.77	0.015	0.03	<0.1	0.04	0.8	<0.1	0.19	3	<0.5	<0.2
1334467	Soil	22	0.48	184	0.053	<1	2.00	0.014	0.05	0.1	0.03	2.1	<0.1	0.07	6	<0.5	<0.2
1334468	Soil	25	0.55	206	0.057	2	2.07	0.014	0.04	0.2	0.06	3.3	<0.1	<0.05	6	<0.5	<0.2
1334469	Soil	28	0.76	237	0.087	<1	2.54	0.017	0.03	0.1	0.05	6.0	<0.1	<0.05	7	<0.5	<0.2
1334470	Soil	32	0.71	338	0.059	<1	3.58	0.016	0.04	0.1	0.09	8.7	<0.1	0.08	9	<0.5	<0.2
1334471	Soil	28	2.31	333	0.209	2	3.79	0.040	0.05	<0.1	0.01	9.5	<0.1	<0.05	9	<0.5	<0.2
1334472	Soil	23	2.03	257	0.085	<1	3.31	0.067	0.03	<0.1	0.01	5.6	<0.1	<0.05	8	<0.5	<0.2
1334473	Soil	54	1.80	303	0.141	1	3.39	0.040	0.04	<0.1	0.03	8.3	<0.1	<0.05	8	<0.5	<0.2
1334474	Soil	28	1.20	266	0.051	<1	2.67	0.034	0.03	0.1	0.02	4.4	<0.1	<0.05	8	<0.5	<0.2
1334475	Soil	26	0.55	262	0.054	2	1.71	0.011	0.08	0.2	0.07	3.3	0.1	0.05	5	<0.5	<0.2
1334476	Soil	22	0.54	265	0.053	1	1.48	0.018	0.15	0.2	0.09	2.8	0.1	0.11	5	<0.5	<0.2



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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	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1
1334477	Soil	0.8	19.8	9.2	62	0.1	16.9	8.9	280	2.41	7.3	2.0	1.6	21	0.2	0.5	0.2	50	0.23	0.064	15
1334478	Soil	1.0	20.8	9.9	66	0.2	18.0	9.9	378	2.70	9.0	6.5	2.3	22	0.2	0.5	0.2	55	0.25	0.071	15
1334479	Soil	1.0	19.4	9.1	67	0.2	17.8	10.4	440	2.51	7.7	5.5	1.9	24	0.3	0.5	0.2	52	0.26	0.066	14
1334480	Soil	1.1	14.9	8.7	57	0.2	15.8	10.5	402	2.65	9.3	3.9	1.5	22	0.2	0.7	0.2	57	0.24	0.068	14
1334481	Soil	0.6	14.0	7.8	56	<0.1	18.1	15.4	790	2.16	7.4	2.7	1.9	20	0.2	0.5	0.2	48	0.23	0.059	13
1334482	Soil	0.7	18.5	9.8	65	<0.1	20.7	22.0	865	2.69	8.6	1.9	1.7	22	0.2	0.5	0.2	55	0.23	0.061	14
1334483	Soil	1.8	29.9	8.7	51	0.2	18.3	7.2	224	2.23	7.6	4.9	3.7	21	0.1	0.8	0.1	52	0.19	0.049	17
1334484	Soil	2.1	29.7	10.8	66	0.1	20.3	10.0	300	2.62	9.7	4.6	2.3	22	0.3	0.9	0.2	56	0.20	0.059	15
1334485	Soil	1.3	26.2	10.9	82	0.1	24.5	9.7	291	2.87	10.1	3.5	3.9	35	0.3	0.9	0.2	59	0.48	0.078	16
1334486	Soil	1.3	23.9	10.7	73	0.2	23.0	16.6	845	2.70	9.6	7.3	2.3	31	0.4	0.7	0.2	58	0.36	0.069	15
1334487	Soil	1.3	23.1	15.4	88	0.4	25.9	12.2	450	2.89	9.4	5.0	1.6	39	0.5	0.6	0.2	49	0.58	0.075	13
1334488	Soil	1.2	28.1	8.0	83	0.3	25.6	9.5	241	2.45	3.7	5.0	2.4	22	0.3	0.4	0.2	49	0.22	0.060	16
1336840	Soil	1.0	17.3	9.8	53	0.1	18.5	9.1	289	2.93	6.3	5.0	1.9	54	0.2	0.3	0.2	77	0.36	0.047	13
1336841	Soil	0.9	19.4	9.8	50	<0.1	20.4	9.8	354	2.61	7.3	1.9	3.5	45	<0.1	0.4	0.1	67	0.40	0.041	17
1336842	Soil	1.3	17.0	9.7	58	<0.1	19.7	8.7	292	2.95	8.6	3.1	2.1	32	0.1	0.4	0.2	75	0.23	0.042	13
1337065	Soil	0.8	31.6	12.4	64	<0.1	62.0	15.4	389	3.20	7.1	2.9	4.8	124	0.1	0.4	0.2	64	0.68	0.084	21
1337066	Soil	0.6	51.1	10.2	115	0.1	75.6	13.3	344	4.14	3.1	<0.5	7.2	42	0.3	0.3	0.3	104	0.30	0.052	36
1337067	Soil	0.8	35.9	11.3	74	<0.1	43.7	11.1	290	3.03	6.3	4.1	4.4	31	0.2	0.5	0.2	82	0.38	0.059	18
1337068	Soil	0.8	28.9	9.7	61	<0.1	30.0	10.7	256	2.80	6.9	3.6	3.9	38	0.2	0.4	0.2	71	0.39	0.044	18
1337069	Soil	0.6	48.9	8.2	60	<0.1	38.9	14.7	344	3.31	6.1	3.6	3.1	32	0.2	0.4	0.1	102	0.50	0.070	12
1337070	Soil	0.5	40.8	7.7	76	<0.1	47.0	9.0	249	2.46	3.7	1.1	3.9	20	0.1	0.3	0.2	71	0.25	0.055	16
1337071	Soil	0.7	42.7	8.4	78	<0.1	53.9	12.2	273	3.04	5.4	2.6	4.0	25	0.3	0.3	0.2	96	0.40	0.079	17
1337072	Soil	0.7	33.2	11.6	60	0.1	27.4	13.2	469	2.80	7.7	2.2	4.3	41	0.1	0.5	0.2	69	0.62	0.054	17
1337073	Soil	0.5	28.3	10.8	65	0.1	24.9	10.4	313	2.41	8.3	4.4	4.2	31	0.3	0.6	0.2	57	0.82	0.057	18
1337074	Soil	1.0	28.5	10.8	65	0.1	26.9	10.2	316	2.52	8.8	3.1	4.8	37	0.3	0.7	0.2	56	0.48	0.061	18
1337075	Soil	0.7	22.1	11.1	59	0.1	23.3	8.8	203	2.32	8.2	6.4	7.3	25	0.1	0.4	0.2	44	0.37	0.063	27
1337076	Soil	0.5	21.0	10.7	64	0.1	23.0	9.3	224	2.47	7.8	5.4	6.3	25	0.1	0.4	0.2	46	0.43	0.052	26
1337077	Soil	1.2	24.0	14.0	68	0.2	24.9	8.6	365	2.47	6.8	0.9	5.3	28	0.3	0.4	0.2	49	0.53	0.067	27
1337078	Soil	0.7	22.1	9.1	68	0.2	21.3	7.0	184	2.24	7.1	4.8	4.7	25	0.2	0.4	0.2	44	0.39	0.054	19
1337079	Soil	0.9	30.6	10.5	99	0.2	38.1	9.3	374	2.45	7.7	4.1	8.6	18	0.1	0.2	0.2	31	0.25	0.043	32



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	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	Te
		ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		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	0.2
1334477	Soil	24	0.46	220	0.044	1	1.50	0.011	0.05	0.2	0.05	2.6	<0.1	<0.05	5	<0.5	<0.2
1334478	Soil	27	0.52	241	0.042	<1	1.61	0.011	0.07	0.2	0.05	3.3	<0.1	0.05	5	<0.5	<0.2
1334479	Soil	24	0.47	258	0.040	<1	1.39	0.009	0.06	0.2	0.05	2.9	0.1	<0.05	4	<0.5	<0.2
1334480	Soil	24	0.41	215	0.043	1	1.33	0.010	0.05	0.3	0.06	2.6	<0.1	<0.05	4	<0.5	<0.2
1334481	Soil	24	0.41	204	0.048	<1	1.28	0.009	0.04	0.2	0.04	2.5	<0.1	<0.05	4	<0.5	<0.2
1334482	Soil	29	0.48	229	0.047	1	1.51	0.010	0.05	0.2	0.06	2.8	<0.1	<0.05	5	<0.5	<0.2
1334483	Soil	29	0.40	225	0.067	1	1.33	0.008	0.03	0.1	0.08	3.3	<0.1	<0.05	4	<0.5	<0.2
1334484	Soil	30	0.45	227	0.065	1	1.57	0.010	0.04	0.2	0.06	2.8	<0.1	<0.05	5	0.7	<0.2
1334485	Soil	32	0.62	307	0.072	2	1.48	0.022	0.06	0.3	0.03	3.7	<0.1	<0.05	4	0.5	<0.2
1334486	Soil	29	0.54	330	0.050	<1	1.51	0.014	0.05	0.2	0.06	3.5	<0.1	<0.05	5	<0.5	<0.2
1334487	Soil	34	0.57	377	0.035	<1	1.55	0.014	0.05	0.2	0.10	3.7	0.1	<0.05	4	<0.5	<0.2
1334488	Soil	32	0.51	319	0.056	<1	1.43	0.008	0.14	<0.1	0.09	3.5	0.2	<0.05	5	<0.5	<0.2
1336840	Soil	29	0.63	235	0.102	2	2.30	0.014	0.04	<0.1	0.03	3.5	<0.1	<0.05	7	<0.5	<0.2
1336841	Soil	31	0.63	278	0.078	<1	1.80	0.013	0.03	0.1	0.04	4.7	<0.1	<0.05	5	<0.5	<0.2
1336842	Soil	29	0.60	196	0.086	<1	2.37	0.012	0.05	0.1	0.04	3.3	<0.1	<0.05	6	<0.5	<0.2
1337065	Soil	52	0.81	287	0.191	<1	2.49	0.039	0.10	0.4	0.04	4.5	<0.1	<0.05	7	<0.5	<0.2
1337066	Soil	67	0.78	305	0.209	<1	1.99	0.010	0.33	<0.1	0.02	7.3	0.3	<0.05	8	<0.5	<0.2
1337067	Soil	57	0.72	327	0.100	1	1.79	0.013	0.12	<0.1	0.03	6.0	0.1	<0.05	6	<0.5	<0.2
1337068	Soil	43	0.63	280	0.110	<1	1.92	0.014	0.06	0.1	0.04	4.8	<0.1	<0.05	6	<0.5	<0.2
1337069	Soil	60	0.87	347	0.102	<1	1.80	0.018	0.07	0.1	0.03	7.8	<0.1	<0.05	6	<0.5	<0.2
1337070	Soil	70	0.76	305	0.096	<1	1.51	0.009	0.25	<0.1	0.02	3.6	0.2	<0.05	6	<0.5	<0.2
1337071	Soil	93	0.82	327	0.105	<1	1.78	0.012	0.16	0.1	0.02	5.2	0.2	<0.05	7	<0.5	<0.2
1337072	Soil	33	0.66	291	0.086	<1	1.72	0.018	0.05	0.1	0.05	5.0	<0.1	<0.05	5	<0.5	<0.2
1337073	Soil	31	0.66	289	0.069	2	1.61	0.015	0.06	0.2	0.05	4.2	<0.1	<0.05	4	0.5	<0.2
1337074	Soil	31	0.50	322	0.076	<1	1.46	0.016	0.06	0.2	0.04	4.2	<0.1	<0.05	4	<0.5	<0.2
1337075	Soil	27	0.39	256	0.045	1	1.49	0.011	0.07	0.1	0.02	3.7	<0.1	<0.05	4	<0.5	<0.2
1337076	Soil	26	0.38	235	0.039	1	1.52	0.011	0.08	0.1	0.03	3.8	<0.1	<0.05	4	<0.5	<0.2
1337077	Soil	30	0.39	274	0.045	1	1.50	0.011	0.08	0.2	0.03	3.6	<0.1	<0.05	4	<0.5	<0.2
1337078	Soil	23	0.33	319	0.046	2	1.37	0.011	0.06	0.2	0.04	3.7	<0.1	<0.05	4	<0.5	<0.2
1337079	Soil	16	0.21	187	0.017	<1	0.92	0.006	0.08	0.1	0.01	3.3	0.1	<0.05	3	<0.5	<0.2



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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			
					Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
					ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
					0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1
1337080	Soil																							
1337081	Soil																							
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	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	Te
		ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		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	0.2
1337080	Soil	23	0.35	260	0.019	<1	1.52	0.010	0.07	0.1	0.04	3.5	<0.1	<0.05	4	<0.5	<0.2
1337081	Soil	23	0.32	197	0.030	1	1.15	0.008	0.07	0.1	<0.01	3.2	0.1	<0.05	3	<0.5	<0.2
1337082	Soil	27	0.37	238	0.035	<1	1.40	0.008	0.06	0.1	0.03	3.4	<0.1	<0.05	4	<0.5	<0.2
1337083	Soil	26	0.37	268	0.040	1	1.57	0.009	0.05	0.1	0.02	3.5	<0.1	<0.05	5	<0.5	<0.2
1337084	Soil	22	0.32	188	0.042	<1	1.18	0.007	0.06	0.1	0.02	2.5	<0.1	<0.05	3	<0.5	<0.2
1337085	Soil	24	0.34	232	0.043	<1	1.35	0.009	0.06	0.1	0.03	3.8	<0.1	0.06	4	<0.5	<0.2
1337086	Soil	25	0.35	212	0.053	1	1.44	0.011	0.05	0.1	0.02	3.0	<0.1	<0.05	4	<0.5	<0.2
1337087	Soil	25	0.36	244	0.046	<1	1.59	0.012	0.05	0.2	0.02	3.0	<0.1	<0.05	5	<0.5	<0.2
1337088	Soil	25	0.35	247	0.040	1	1.43	0.010	0.05	0.2	0.04	3.1	<0.1	<0.05	4	<0.5	<0.2
1337089	Soil	26	0.36	240	0.050	<1	1.49	0.010	0.05	0.1	0.02	3.5	<0.1	<0.05	4	<0.5	<0.2
1337090	Soil	23	0.30	198	0.041	<1	1.38	0.010	0.05	0.2	0.04	2.3	<0.1	<0.05	4	0.6	<0.2
1337091	Soil	26	0.38	268	0.053	<1	1.75	0.010	0.06	0.1	0.04	3.4	<0.1	<0.05	5	<0.5	<0.2
1337092	Soil	26	0.35	249	0.049	<1	1.58	0.011	0.05	0.2	0.03	3.3	<0.1	<0.05	4	<0.5	<0.2
1337093	Soil	26	0.37	288	0.051	<1	1.51	0.011	0.05	0.2	0.03	3.6	<0.1	<0.05	4	<0.5	<0.2
1337094	Soil	25	0.82	299	0.111	<1	2.26	0.006	0.71	<0.1	<0.01	2.9	0.5	<0.05	6	<0.5	<0.2
1337095	Soil	27	0.49	200	0.078	<1	1.75	0.008	0.15	0.1	0.03	3.9	0.2	<0.05	5	<0.5	<0.2
1337096	Soil	52	0.66	299	0.077	1	1.95	0.008	0.11	<0.1	0.05	5.3	0.1	<0.05	5	<0.5	<0.2
1337097	Soil	94	0.91	399	0.063	1	1.71	0.006	0.22	<0.1	0.03	4.6	0.2	<0.05	5	<0.5	<0.2
1337098	Soil	64	0.65	311	0.063	<1	1.69	0.007	0.10	<0.1	0.07	3.8	0.2	<0.05	5	<0.5	<0.2
1337099	Soil	36	0.58	256	0.082	2	2.03	0.010	0.09	0.1	0.06	3.9	0.1	<0.05	5	<0.5	<0.2
1337100	Soil	50	0.82	331	0.068	<1	2.28	0.007	0.12	<0.1	0.05	5.3	0.2	<0.05	6	<0.5	<0.2
1337101	Soil	135	0.91	600	0.050	1	1.46	0.005	0.10	<0.1	0.09	4.1	0.2	<0.05	4	3.4	<0.2
1337102	Soil	116	0.83	465	0.053	<1	1.56	0.005	0.10	0.1	0.10	3.1	0.3	<0.05	4	2.1	<0.2
1337103	Soil	86	0.66	418	0.047	<1	1.45	0.004	0.10	<0.1	0.06	2.3	0.2	<0.05	4	1.3	<0.2
1337104	Soil	57	0.45	455	0.047	1	1.20	0.005	0.06	<0.1	0.09	2.8	0.1	<0.05	4	2.3	<0.2
1337105	Soil	40	0.56	481	0.066	<1	1.48	0.012	0.07	0.1	0.08	4.5	0.1	<0.05	4	<0.5	<0.2
1337106	Soil	40	0.50	415	0.054	<1	1.54	0.007	0.06	<0.1	0.11	3.7	<0.1	<0.05	5	<0.5	<0.2
1337107	Soil	40	0.48	458	0.062	<1	1.64	0.007	0.06	<0.1	0.06	4.0	0.1	<0.05	5	<0.5	<0.2
1337108	Soil	23	0.42	312	0.025	<1	1.32	0.004	0.15	<0.1	0.03	2.7	0.2	<0.05	4	<0.5	<0.2
1337109	Soil	27	0.45	235	0.037	1	1.46	0.006	0.12	<0.1	0.03	3.3	0.1	<0.05	4	<0.5	<0.2



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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	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
		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	0.5	0.1	1	0.1	0.1	0.1	0.1	2	0.01	0.001
1337110	Soil	0.7	20.5	10.5	51	<0.1	21.9	7.8	261	2.73	8.5	5.5	5.3	15	0.1	0.4	0.2	50	0.14	0.016	16
1337111	Soil	0.9	31.2	12.7	65	<0.1	29.8	9.2	261	2.52	4.0	3.6	2.1	10	0.4	0.6	0.5	43	0.08	0.024	11
1337112	Soil	1.2	33.5	20.1	67	<0.1	27.5	9.9	390	2.96	7.1	3.2	6.2	27	0.2	0.7	0.4	49	0.25	0.038	18
1337113	Soil	1.7	28.1	12.1	67	0.2	18.5	7.2	207	2.05	5.7	4.4	3.7	18	0.2	0.6	0.3	47	0.15	0.035	19
1337114	Soil	1.4	44.0	11.5	78	<0.1	39.6	14.3	454	3.01	9.9	4.3	5.1	21	0.2	0.7	0.2	69	0.18	0.049	14
1337115	Soil	4.1	51.3	9.3	144	0.3	57.1	9.4	245	2.70	9.3	4.9	2.6	17	0.5	0.9	0.2	81	0.10	0.057	9
1337116	Soil	2.8	71.2	6.8	237	0.6	100.3	18.0	363	2.82	17.5	3.0	3.0	19	0.7	1.3	0.1	75	0.11	0.072	11
1337117	Soil	2.6	53.9	10.1	134	0.2	61.3	13.9	392	3.02	12.9	10.2	4.7	18	0.3	1.0	0.2	82	0.15	0.054	14
1337118	Soil	2.8	20.5	10.8	44	0.3	18.6	4.0	128	2.19	12.6	2.1	1.1	13	0.2	0.6	0.3	72	0.07	0.039	12
1337119	Soil	1.7	51.0	17.3	141	0.1	64.7	19.5	455	3.34	8.1	1.8	12.1	21	0.6	0.7	0.3	57	0.15	0.065	65
1337120	Soil	0.7	36.5	23.8	90	0.1	48.6	15.1	632	2.98	3.8	1.0	18.5	20	0.2	0.5	0.3	30	0.28	0.056	67
1337121	Soil	0.6	26.0	17.8	86	<0.1	29.7	15.4	495	3.18	3.4	1.2	10.0	15	0.1	0.4	0.3	39	0.15	0.051	28
1337122	Soil	0.9	33.5	13.0	65	0.2	28.3	11.3	380	2.68	5.1	2.9	8.7	23	0.1	0.4	0.3	45	0.27	0.053	39
1337123	Soil	1.3	65.3	15.3	111	0.7	50.9	12.7	681	2.96	5.2	7.2	4.5	42	0.5	0.6	0.2	72	0.68	0.097	35
1337124	Soil	1.2	31.3	13.3	72	0.2	29.6	14.8	393	3.37	7.6	4.4	3.5	21	0.3	0.7	0.2	71	0.25	0.050	15
1337125	Soil	1.0	28.3	10.8	73	0.2	25.7	10.2	292	2.96	6.6	5.0	2.9	18	0.3	0.6	0.2	64	0.20	0.048	13
1337126	Soil	0.9	33.2	9.3	73	<0.1	29.1	11.3	353	2.74	5.9	2.9	3.7	20	0.2	0.5	0.2	64	0.20	0.040	14
1337127	Soil	0.7	38.3	9.4	78	<0.1	30.9	12.6	419	3.03	4.4	4.8	2.7	16	0.3	0.4	0.2	70	0.16	0.043	11
1337128	Soil	1.0	28.5	10.1	65	0.1	24.5	10.0	321	2.68	6.4	2.6	2.3	21	0.3	0.5	0.2	65	0.20	0.049	14
1337129	Soil	0.9	25.4	11.2	62	0.1	21.5	9.6	298	2.47	6.0	5.2	2.1	20	0.2	0.5	0.2	54	0.20	0.049	15
1337130	Soil	1.0	30.1	9.7	68	0.1	27.1	10.1	247	2.52	5.7	2.0	3.3	23	0.2	0.5	0.2	52	0.24	0.055	17
1337131	Soil	1.0	32.8	11.2	69	0.2	26.9	9.6	259	2.52	6.0	3.3	2.4	27	0.2	0.6	0.2	52	0.29	0.063	17
1337132	Soil	1.2	27.0	10.4	61	0.1	20.5	8.5	221	2.41	7.6	5.7	2.4	24	0.3	0.6	0.2	51	0.25	0.063	15
1337133	Soil	1.2	33.8	10.8	67	0.2	23.6	8.4	249	2.36	6.7	8.0	2.3	24	0.2	0.6	0.4	49	0.26	0.054	15
1337134	Soil	1.2	28.6	9.5	66	0.2	22.6	9.2	248	2.51	7.3	3.6	1.7	21	0.3	0.6	0.3	51	0.22	0.059	15
1337135	Soil	1.2	24.1	11.2	68	0.2	20.8	8.6	215	2.56	8.4	3.0	1.5	18	0.2	0.6	0.3	53	0.19	0.058	15
1337136	Soil	1.2	28.1	9.6	76	0.2	24.2	10.9	305	2.53	7.4	3.1	2.6	19	0.2	0.5	0.3	51	0.19	0.056	15
1337137	Soil	1.1	31.9	10.3	74	0.2	23.3	8.2	184	2.55	7.4	9.1	1.7	19	0.3	0.6	0.3	50	0.17	0.050	13
1337138	Soil	1.2	31.8	8.8	64	0.1	21.2	8.2	247	2.24	6.8	2.3	4.1	20	0.2	0.6	0.3	45	0.20	0.049	15
1337139	Soil	1.3	37.8	11.5	77	0.2	23.6	8.2	197	2.50	7.4	4.2	2.9	21	0.3	0.6	0.3	53	0.19	0.055	15



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	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	Te
		ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		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	0.2
1337110	Soil	30	0.45	297	0.055	<1	1.85	0.007	0.09	<0.1	0.05	4.0	0.1	<0.05	5	<0.5	<0.2
1337111	Soil	35	0.46	154	0.031	1	1.56	0.006	0.10	<0.1	0.03	2.1	0.1	<0.05	5	<0.5	<0.2
1337112	Soil	36	0.52	366	0.047	<1	1.68	0.008	0.10	<0.1	0.10	4.9	0.2	<0.05	5	<0.5	<0.2
1337113	Soil	31	0.44	258	0.042	2	1.39	0.006	0.07	<0.1	0.05	2.5	0.1	<0.05	4	0.6	<0.2
1337114	Soil	50	0.56	244	0.073	<1	1.77	0.008	0.06	0.1	0.07	5.0	0.1	<0.05	5	<0.5	<0.2
1337115	Soil	105	0.64	213	0.066	<1	1.42	0.005	0.05	<0.1	0.02	2.3	0.2	<0.05	6	0.8	<0.2
1337116	Soil	130	0.79	280	0.058	<1	1.72	0.006	0.08	<0.1	0.13	3.4	0.2	<0.05	5	1.9	<0.2
1337117	Soil	104	0.76	329	0.073	<1	1.95	0.008	0.08	0.1	0.16	5.0	0.2	<0.05	5	0.8	<0.2
1337118	Soil	52	0.36	144	0.064	1	1.20	0.006	0.05	0.1	0.02	1.4	<0.1	<0.05	6	1.0	<0.2
1337119	Soil	39	0.82	265	0.110	<1	1.90	0.006	0.48	<0.1	0.03	3.5	0.4	<0.05	6	0.6	<0.2
1337120	Soil	26	0.73	189	0.081	<1	1.57	0.005	0.38	<0.1	0.03	2.8	0.3	<0.05	5	<0.5	<0.2
1337121	Soil	27	0.71	147	0.144	<1	1.73	0.009	0.57	<0.1	<0.01	2.5	0.4	<0.05	6	0.5	<0.2
1337122	Soil	29	0.57	177	0.075	1	1.54	0.008	0.19	0.1	0.03	3.1	0.2	<0.05	5	0.6	<0.2
1337123	Soil	43	0.95	336	0.078	<1	1.84	0.012	0.15	<0.1	0.08	4.1	0.2	<0.05	6	1.5	<0.2
1337124	Soil	45	0.51	324	0.043	<1	1.75	0.009	0.06	0.2	0.04	4.4	0.1	<0.05	6	0.8	<0.2
1337125	Soil	40	0.51	222	0.057	<1	1.75	0.009	0.08	0.2	0.03	3.6	0.1	<0.05	5	0.6	<0.2
1337126	Soil	41	0.55	267	0.062	<1	1.66	0.008	0.10	<0.1	0.03	4.4	0.1	<0.05	5	<0.5	<0.2
1337127	Soil	42	0.55	288	0.060	<1	1.66	0.007	0.16	<0.1	0.02	4.2	0.2	<0.05	5	0.8	<0.2
1337128	Soil	37	0.51	264	0.062	<1	1.62	0.008	0.09	0.1	0.04	3.4	0.1	<0.05	5	<0.5	<0.2
1337129	Soil	35	0.48	249	0.050	<1	1.60	0.008	0.06	0.1	0.03	3.1	0.1	<0.05	5	0.6	<0.2
1337130	Soil	39	0.56	305	0.067	<1	1.73	0.009	0.06	0.1	0.04	3.9	0.1	<0.05	5	0.6	<0.2
1337131	Soil	37	0.57	339	0.061	<1	1.64	0.011	0.06	0.2	0.03	3.8	0.1	<0.05	5	0.5	<0.2
1337132	Soil	28	0.45	283	0.055	1	1.46	0.009	0.05	0.2	0.05	3.2	<0.1	<0.05	4	0.5	<0.2
1337133	Soil	29	0.48	304	0.062	<1	1.47	0.010	0.06	0.1	0.05	3.1	0.1	<0.05	4	<0.5	<0.2
1337134	Soil	30	0.47	272	0.057	<1	1.61	0.009	0.06	0.2	0.04	3.0	0.1	<0.05	5	<0.5	<0.2
1337135	Soil	31	0.46	232	0.052	<1	1.62	0.008	0.05	0.2	0.06	2.7	0.1	<0.05	5	<0.5	<0.2
1337136	Soil	31	0.47	277	0.056	<1	1.55	0.008	0.06	0.2	0.05	3.1	0.1	<0.05	5	<0.5	<0.2
1337137	Soil	32	0.49	247	0.055	<1	1.63	0.008	0.06	0.2	0.06	3.0	0.1	<0.05	5	0.7	<0.2
1337138	Soil	27	0.46	277	0.068	<1	1.30	0.009	0.07	0.2	0.03	3.1	0.1	<0.05	4	<0.5	<0.2
1337139	Soil	35	0.51	273	0.061	<1	1.51	0.009	0.09	0.1	0.06	3.3	0.1	<0.05	5	0.7	<0.2



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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	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		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	ppb 0.5	ppm 0.1	ppm 1	ppm 0.1	ppm 0.1	ppm 0.1	ppm 2	% 0.01	% 0.001
1337140	Soil	1.3	38.4	11.0	93	0.2	33.0	9.8	223	2.99	8.2	4.4	3.6	21	0.3	0.9	0.3	68	0.19	0.058
1337141	Soil	0.9	33.8	9.0	90	0.2	31.7	10.9	271	2.67	6.4	4.8	4.7	24	0.3	0.7	0.3	62	0.21	0.057
1337142	Soil	1.0	36.5	10.5	86	0.2	28.6	9.4	251	2.87	7.6	9.4	3.7	22	0.2	0.8	0.3	62	0.22	0.062
1337143	Soil	0.8	33.5	11.0	80	0.2	24.1	10.0	279	2.86	6.3	4.9	3.7	22	0.3	0.6	0.3	63	0.23	0.053
1337144	Soil	0.8	37.3	11.6	80	0.2	26.1	10.4	251	2.92	7.1	3.3	3.1	24	0.3	0.7	0.3	61	0.24	0.062
1337145	Soil	0.9	43.9	10.3	119	0.2	39.3	12.8	429	4.00	7.9	4.4	4.3	29	0.4	0.9	0.3	114	0.28	0.053
1337146	Soil	0.8	35.4	10.2	79	0.1	31.6	11.4	360	3.24	7.4	3.7	3.8	28	0.1	0.8	0.3	71	0.27	0.055
1337147	Soil	0.8	31.7	9.5	75	0.1	24.6	12.8	357	3.34	6.6	4.8	2.1	17	0.2	0.5	0.3	65	0.16	0.044
1337148	Soil	0.7	21.7	9.5	64	<0.1	19.9	9.5	285	2.97	7.3	4.3	3.1	14	0.1	0.5	0.3	61	0.14	0.046
1337149	Soil	0.6	19.3	7.4	56	<0.1	18.4	9.7	305	2.85	4.5	3.3	3.2	15	0.1	0.5	0.2	64	0.14	0.038
1337150	Soil	0.6	47.0	9.1	97	0.1	59.4	17.7	635	4.02	6.1	5.3	3.2	18	0.2	0.5	0.2	88	0.19	0.049
1337151	Soil	0.7	25.6	8.9	70	0.1	20.2	9.8	264	2.90	6.4	2.7	1.3	17	0.3	0.6	0.2	68	0.20	0.051
1337152	Soil	0.4	39.7	7.6	87	0.1	34.5	13.7	380	3.26	4.1	2.2	1.8	24	0.4	0.5	0.1	80	0.35	0.065
1337252	Soil	0.7	20.1	8.6	52	<0.1	19.4	7.6	198	2.21	6.9	0.9	3.1	17	0.1	0.4	0.2	45	0.21	0.046
1337253	Soil	0.7	17.9	8.1	58	0.1	20.6	8.2	219	2.32	6.7	1.2	3.0	18	0.2	0.4	0.1	45	0.22	0.051
1337254	Soil	0.7	21.8	8.4	44	0.1	22.8	5.9	118	1.95	6.9	5.4	1.7	18	0.2	0.4	0.2	40	0.19	0.051
1337255	Soil	0.7	26.0	6.8	43	0.2	26.0	6.1	179	1.85	8.1	0.6	2.2	16	0.2	0.3	0.1	38	0.24	0.049
1337256	Soil	0.8	21.2	9.1	66	0.1	28.2	9.7	320	2.39	7.8	8.7	2.9	32	0.2	0.5	0.2	51	0.48	0.060
1337257	Soil	0.6	25.1	8.2	49	0.1	33.8	7.2	185	1.83	5.8	1.4	2.4	17	0.2	0.3	0.1	37	0.22	0.057
1337258	Soil	0.9	17.9	9.2	52	<0.1	16.9	7.5	198	2.27	7.8	1.8	3.6	16	0.2	0.4	0.2	49	0.19	0.040
1337259	Soil	0.7	13.3	7.2	31	<0.1	10.7	2.9	79	1.28	4.0	2.9	1.3	14	0.1	0.2	0.1	26	0.14	0.038
1337260	Soil	0.8	16.6	9.4	62	0.1	16.8	8.0	178	2.39	8.6	2.5	3.2	18	0.2	0.5	0.1	53	0.21	0.050
1337261	Soil	0.5	8.9	6.5	29	<0.1	8.9	2.7	66	1.20	3.8	2.0	1.4	16	0.1	0.2	0.1	25	0.18	0.032
1337262	Soil	0.8	16.2	8.4	52	<0.1	15.8	6.0	109	2.53	8.3	2.1	3.2	25	0.2	0.4	0.1	51	0.32	0.060
1337263	Soil	0.3	7.6	6.3	34	<0.1	9.2	3.4	75	1.32	4.1	3.6	1.7	19	0.1	0.3	<0.1	25	0.21	0.040
1337264	Soil	0.5	15.5	8.5	50	<0.1	13.7	5.2	103	1.96	6.4	10.6	2.3	19	0.2	0.4	0.1	45	0.22	0.051
1337265	Soil	0.5	10.8	7.1	43	<0.1	11.5	4.3	90	1.63	4.4	28.8	1.9	17	0.1	0.3	0.1	35	0.20	0.044
1337266	Soil	0.7	19.8	8.4	58	<0.1	17.6	7.1	172	2.00	5.6	4.5	3.4	23	0.3	0.6	0.1	42	0.31	0.058
1337267	Soil	0.5	15.8	8.4	51	<0.1	14.7	5.3	105	1.74	4.8	7.1	2.2	20	0.2	0.5	0.1	41	0.24	0.048
1337268	Soil	0.5	12.0	7.2	43	<0.1	12.2	4.4	90	1.79	5.4	2.7	1.9	17	0.2	0.3	0.1	34	0.17	0.044



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	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	Te
		ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		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	0.2
1337140	Soil	49	0.54	274	0.070	2	1.68	0.008	0.09	0.2	0.06	3.9	0.2	<0.05	5	0.7	<0.2
1337141	Soil	47	0.52	272	0.077	<1	1.50	0.008	0.08	0.2	0.03	3.7	0.1	<0.05	4	<0.5	<0.2
1337142	Soil	37	0.48	258	0.064	<1	1.46	0.009	0.09	0.2	0.04	3.4	0.1	<0.05	5	<0.5	<0.2
1337143	Soil	34	0.50	286	0.070	<1	1.42	0.010	0.10	0.2	0.05	3.9	0.1	<0.05	4	<0.5	<0.2
1337144	Soil	37	0.51	345	0.068	<1	1.56	0.010	0.08	0.2	0.04	4.3	0.2	<0.05	5	<0.5	<0.2
1337145	Soil	45	0.60	409	0.094	<1	1.65	0.011	0.15	0.2	0.03	7.6	0.2	<0.05	6	<0.5	<0.2
1337146	Soil	44	0.59	321	0.077	<1	1.66	0.009	0.09	0.1	0.04	5.5	0.1	<0.05	5	<0.5	<0.2
1337147	Soil	40	0.46	245	0.066	<1	1.37	0.006	0.14	0.2	0.03	3.8	0.2	<0.05	5	<0.5	<0.2
1337148	Soil	36	0.45	167	0.064	1	1.58	0.006	0.09	0.2	0.02	4.1	0.1	<0.05	6	<0.5	<0.2
1337149	Soil	34	0.35	242	0.061	1	1.02	0.005	0.08	0.1	0.02	4.4	0.1	<0.05	4	<0.5	<0.2
1337150	Soil	85	0.82	309	0.126	1	1.86	0.008	0.44	0.2	0.03	7.4	0.2	<0.05	8	<0.5	<0.2
1337151	Soil	35	0.48	206	0.046	<1	1.67	0.008	0.05	<0.1	0.04	4.1	<0.1	<0.05	6	<0.5	<0.2
1337152	Soil	57	0.72	337	0.046	1	1.96	0.009	0.12	<0.1	0.03	7.4	0.1	<0.05	7	<0.5	<0.2
1337252	Soil	27	0.43	188	0.062	<1	1.50	0.008	0.05	0.1	0.03	2.7	<0.1	<0.05	4	<0.5	<0.2
1337253	Soil	29	0.46	184	0.058	<1	1.49	0.008	0.04	0.2	0.02	2.5	<0.1	<0.05	4	<0.5	<0.2
1337254	Soil	27	0.35	265	0.042	<1	1.30	0.010	0.04	0.2	0.03	2.6	<0.1	<0.05	4	0.9	<0.2
1337255	Soil	32	0.49	324	0.056	<1	1.12	0.008	0.15	0.1	0.01	2.5	<0.1	<0.05	4	<0.5	<0.2
1337256	Soil	30	0.56	300	0.061	1	1.44	0.018	0.06	0.2	0.04	3.1	<0.1	<0.05	5	<0.5	<0.2
1337257	Soil	42	0.62	243	0.065	1	1.35	0.009	0.19	0.2	0.03	3.0	0.1	0.06	4	<0.5	<0.2
1337258	Soil	28	0.42	187	0.067	1	1.54	0.008	0.09	0.3	0.03	2.3	<0.1	<0.05	5	<0.5	<0.2
1337259	Soil	17	0.23	144	0.043	<1	0.91	0.007	0.05	0.2	0.03	1.5	<0.1	<0.05	3	0.7	<0.2
1337260	Soil	28	0.44	204	0.061	<1	1.59	0.008	0.05	0.2	0.05	2.6	<0.1	<0.05	5	0.6	<0.2
1337261	Soil	16	0.23	195	0.047	<1	0.95	0.008	0.03	0.2	0.03	1.6	<0.1	<0.05	3	<0.5	<0.2
1337262	Soil	24	0.40	291	0.061	1	1.36	0.011	0.04	0.2	0.04	2.8	<0.1	<0.05	4	0.7	<0.2
1337263	Soil	16	0.26	160	0.047	<1	0.96	0.009	0.03	0.3	0.02	1.6	<0.1	<0.05	3	<0.5	<0.2
1337264	Soil	22	0.39	204	0.052	1	1.30	0.010	0.04	0.3	0.04	2.4	<0.1	<0.05	4	<0.5	<0.2
1337265	Soil	19	0.33	158	0.048	<1	1.11	0.009	0.04	0.3	0.03	1.9	<0.1	<0.05	3	<0.5	<0.2
1337266	Soil	22	0.40	237	0.056	<1	1.14	0.012	0.04	0.3	0.03	2.7	<0.1	<0.05	4	<0.5	<0.2
1337267	Soil	22	0.40	202	0.056	<1	1.26	0.011	0.04	0.3	0.02	2.4	<0.1	<0.05	4	<0.5	<0.2
1337268	Soil	19	0.35	157	0.054	1	1.19	0.009	0.06	0.3	0.04	1.9	<0.1	<0.05	4	<0.5	<0.2



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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	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1
1337269	Soil	0.4	13.0	7.9	46	0.1	13.4	4.4	88	1.67	4.7	3.8	1.5	18	0.1	0.3	0.1	36	0.19	0.042	12
1337270	Soil	1.3	32.8	10.6	85	0.2	29.6	11.9	411	2.83	10.9	3.1	3.8	31	0.4	0.9	0.2	52	0.46	0.082	15
1337271	Soil	0.8	11.9	7.6	41	<0.1	12.7	4.5	81	2.34	9.4	5.2	1.7	18	0.1	0.4	0.1	44	0.20	0.046	13
1337272	Soil	0.4	12.4	8.5	50	<0.1	13.3	4.9	98	1.71	4.5	4.8	2.1	18	0.2	0.4	0.1	40	0.22	0.044	13
1337273	Soil	0.4	9.6	6.0	34	<0.1	8.7	3.1	76	1.24	3.4	17.2	2.2	13	0.1	0.3	<0.1	26	0.15	0.032	12
1337274	Soil	0.6	11.5	8.7	36	<0.1	11.0	3.2	70	1.50	4.9	6.7	1.1	13	<0.1	0.3	0.1	28	0.13	0.035	11
1337275	Soil	0.4	16.9	8.0	38	<0.1	11.8	3.7	77	1.51	4.3	9.4	1.0	14	0.2	0.3	0.2	31	0.14	0.037	13
1337276	Soil	0.4	12.0	8.1	41	<0.1	11.0	3.5	77	1.35	3.9	5.5	1.1	12	0.1	0.2	0.1	32	0.13	0.028	12
1337277	Soil	0.8	17.5	8.4	55	<0.1	14.0	5.5	140	2.43	8.2	3.7	2.1	13	0.2	0.4	0.1	47	0.15	0.044	13
1337278	Soil	1.0	32.4	9.5	85	0.1	40.2	17.7	598	3.38	9.8	1.4	4.4	12	0.2	0.3	0.1	76	0.09	0.053	24
1337279	Soil	1.1	31.9	10.1	66	0.2	17.3	9.3	475	2.24	6.0	3.0	2.1	14	0.3	0.4	0.2	47	0.14	0.049	20
1337280	Soil	1.1	26.2	9.8	61	0.2	19.4	9.2	345	2.35	6.3	4.3	1.5	21	0.2	0.6	0.1	43	0.21	0.053	16
1337281	Soil	1.0	26.7	8.9	52	0.1	17.4	7.8	281	1.92	5.1	3.6	2.3	18	0.1	0.5	0.1	38	0.19	0.045	14
1337282	Soil	1.1	29.5	9.9	56	0.2	19.8	9.0	287	2.22	6.3	10.2	3.2	20	0.2	0.5	0.2	42	0.21	0.052	14
1337283	Soil	1.1	22.2	10.1	53	0.3	16.9	7.4	230	2.37	7.5	4.0	1.0	14	0.2	0.5	0.2	47	0.15	0.051	12
1337284	Soil	1.1	33.3	8.8	72	0.4	24.7	7.3	337	2.03	4.1	2.2	1.2	18	0.2	0.5	0.2	37	0.17	0.048	14
1337285	Soil	0.8	27.7	9.2	59	<0.1	21.6	7.0	208	2.14	5.9	4.3	3.4	21	0.2	0.5	0.2	40	0.23	0.047	15
1337286	Soil	0.8	22.8	11.1	58	0.2	20.2	6.0	130	2.31	6.4	4.4	1.8	17	0.1	0.4	0.2	42	0.17	0.052	14
1337287	Soil	0.8	28.1	13.0	62	0.1	23.1	6.8	183	2.19	5.2	1.8	3.4	21	0.1	0.5	0.2	39	0.23	0.038	16
1337288	Soil	0.7	19.9	9.9	50	0.1	17.8	5.8	141	2.06	5.4	3.3	1.5	13	0.1	0.4	0.2	38	0.14	0.043	13
1337289	Soil	0.7	22.3	10.4	57	0.1	20.1	6.9	173	2.17	5.6	3.5	2.8	16	0.1	0.4	0.2	41	0.17	0.039	16
1337290	Soil	0.8	26.2	10.2	65	<0.1	25.0	8.4	198	2.25	6.4	2.2	4.0	14	0.1	0.5	0.1	41	0.15	0.034	16
1337291	Soil	0.7	21.3	10.2	55	<0.1	20.4	7.4	209	2.17	6.0	2.7	4.7	12	0.1	0.4	0.1	40	0.13	0.030	14
1337292	Soil	0.8	21.1	11.4	61	<0.1	21.1	8.3	276	2.51	7.3	2.3	4.8	16	0.1	0.5	0.2	49	0.16	0.031	15
1337293	Soil	0.8	23.2	10.7	57	<0.1	18.4	6.3	163	2.15	6.0	0.9	4.2	14	0.1	0.4	0.2	44	0.16	0.035	14
1337294	Soil	0.8	23.4	12.4	54	0.1	18.5	5.5	140	1.95	4.9	8.2	2.9	17	0.2	0.5	0.2	39	0.18	0.047	14
1337295	Soil	0.8	24.5	12.5	56	0.2	18.2	5.4	153	2.05	6.1	1.6	3.7	20	0.2	0.5	0.1	41	0.24	0.036	15
1337296	Soil	1.0	23.3	11.0	59	0.2	18.2	5.6	127	1.91	5.4	4.2	3.7	14	0.1	0.5	0.2	39	0.16	0.036	14
1337297	Soil	0.7	28.8	12.1	69	0.1	19.1	5.8	174	1.97	5.0	2.3	4.9	16	0.2	0.6	0.2	34	0.18	0.030	13
1337298	Soil	1.1	39.5	16.2	85	0.2	28.8	5.3	147	1.77	4.8	2.6	7.3	26	0.3	0.6	0.2	37	0.33	0.029	16



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	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	Te
		ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		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	0.2
1337269	Soil	21	0.35	173	0.044	<1	1.24	0.010	0.04	0.2	0.03	2.0	<0.1	<0.05	4	<0.5	<0.2
1337270	Soil	29	0.62	315	0.065	2	1.36	0.020	0.07	0.3	0.03	3.6	<0.1	<0.05	4	<0.5	<0.2
1337271	Soil	19	0.28	145	0.042	<1	1.18	0.007	0.03	0.3	0.04	2.0	<0.1	<0.05	4	<0.5	<0.2
1337272	Soil	21	0.36	172	0.052	1	1.26	0.010	0.04	0.2	0.03	2.3	<0.1	<0.05	4	<0.5	<0.2
1337273	Soil	14	0.24	103	0.048	1	0.85	0.007	0.05	0.3	0.03	1.5	<0.1	<0.05	3	<0.5	<0.2
1337274	Soil	18	0.24	106	0.038	<1	1.02	0.008	0.03	0.3	0.03	1.5	<0.1	<0.05	4	0.5	<0.2
1337275	Soil	17	0.26	135	0.042	<1	1.20	0.009	0.04	0.2	0.05	1.9	<0.1	0.06	4	<0.5	<0.2
1337276	Soil	19	0.28	123	0.045	1	1.18	0.008	0.04	0.3	0.04	1.8	0.1	<0.05	4	<0.5	<0.2
1337277	Soil	22	0.37	160	0.052	<1	1.28	0.009	0.10	0.2	0.03	2.1	0.1	<0.05	4	<0.5	<0.2
1337278	Soil	64	0.96	980	0.141	<1	2.03	0.010	0.57	0.2	0.02	5.5	0.2	<0.05	7	<0.5	<0.2
1337279	Soil	25	0.39	200	0.057	1	1.51	0.009	0.11	0.2	0.04	2.7	0.1	<0.05	5	<0.5	<0.2
1337280	Soil	26	0.42	243	0.050	2	1.63	0.010	0.06	0.1	0.05	2.6	0.1	<0.05	5	<0.5	<0.2
1337281	Soil	23	0.37	223	0.050	<1	1.30	0.007	0.04	0.1	0.04	2.9	<0.1	<0.05	4	<0.5	<0.2
1337282	Soil	27	0.41	517	0.046	<1	1.30	0.007	0.03	0.1	0.05	3.2	<0.1	<0.05	4	0.6	<0.2
1337283	Soil	26	0.36	343	0.032	1	1.49	0.006	0.04	0.2	0.06	1.8	<0.1	0.06	4	<0.5	<0.2
1337284	Soil	25	0.38	279	0.046	<1	1.53	0.009	0.05	0.1	0.06	2.7	0.1	<0.05	5	<0.5	<0.2
1337285	Soil	27	0.42	254	0.050	<1	1.23	0.008	0.04	0.1	0.04	3.0	<0.1	<0.05	4	<0.5	<0.2
1337286	Soil	28	0.38	215	0.030	<1	1.49	0.007	0.05	0.1	0.05	2.5	0.1	<0.05	5	<0.5	<0.2
1337287	Soil	29	0.40	266	0.042	<1	1.42	0.008	0.05	<0.1	0.03	3.4	<0.1	<0.05	4	<0.5	<0.2
1337288	Soil	25	0.38	149	0.039	<1	1.56	0.008	0.04	<0.1	0.04	2.1	<0.1	<0.05	5	<0.5	<0.2
1337289	Soil	28	0.44	184	0.040	<1	1.37	0.006	0.04	0.1	0.04	2.9	<0.1	<0.05	4	<0.5	<0.2
1337290	Soil	30	0.47	180	0.038	<1	1.45	0.006	0.05	<0.1	0.03	2.8	<0.1	<0.05	4	<0.5	<0.2
1337291	Soil	27	0.44	118	0.042	<1	1.54	0.006	0.05	<0.1	0.03	2.5	<0.1	<0.05	4	<0.5	<0.2
1337292	Soil	29	0.48	207	0.047	<1	1.68	0.007	0.05	<0.1	0.03	3.3	<0.1	<0.05	5	<0.5	<0.2
1337293	Soil	27	0.43	154	0.051	<1	1.43	0.006	0.06	<0.1	0.03	2.9	<0.1	<0.05	5	<0.5	<0.2
1337294	Soil	28	0.36	169	0.040	<1	1.42	0.007	0.04	<0.1	0.06	3.1	0.1	<0.05	5	<0.5	<0.2
1337295	Soil	27	0.43	255	0.048	<1	1.31	0.007	0.05	<0.1	0.05	3.2	0.1	<0.05	4	<0.5	<0.2
1337296	Soil	26	0.40	170	0.045	<1	1.33	0.006	0.05	<0.1	0.05	2.8	0.1	<0.05	4	<0.5	<0.2
1337297	Soil	23	0.36	208	0.048	<1	1.07	0.005	0.09	<0.1	0.04	2.7	0.2	<0.05	4	<0.5	<0.2
1337298	Soil	29	0.39	335	0.036	<1	1.11	0.007	0.10	<0.1	0.06	4.0	<0.1	<0.05	4	0.9	<0.2



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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	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		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	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1337299	Soil	1.0	25.6	16.4	63	0.2	15.4	5.4	136	1.94	5.8	1.3	3.6	15	0.1	0.6	0.2	40	0.16	0.033
1337300	Soil	0.8	21.5	13.0	49	0.2	13.0	4.1	90	1.56	4.2	3.0	1.0	14	0.1	0.4	0.2	30	0.13	0.038
1335601	Soil	1.1	27.2	11.0	61	0.2	17.8	6.2	142	2.13	5.2	2.9	2.1	16	0.2	0.4	0.2	45	0.14	0.038
1335602	Soil	0.7	23.7	10.7	60	<0.1	21.5	8.0	199	2.55	5.0	2.3	4.7	15	0.1	0.4	0.1	42	0.15	0.035
1335603	Soil	0.9	38.3	9.6	62	0.1	28.4	9.6	286	2.55	5.9	2.2	4.1	16	0.1	0.4	0.2	51	0.13	0.028
1335604	Soil	1.1	36.9	10.9	59	0.1	23.7	7.5	293	2.39	6.9	3.4	4.0	20	<0.1	0.6	0.1	47	0.18	0.029
1335605	Soil	1.3	23.4	10.3	71	0.3	18.3	5.3	122	2.15	8.9	3.0	2.6	18	0.2	0.9	0.2	48	0.26	0.056
1335606	Soil	2.5	20.1	10.1	76	0.3	20.4	7.9	208	3.07	16.7	2.7	1.5	17	0.3	0.7	0.1	74	0.20	0.071
1335607	Soil	1.0	13.0	8.4	44	0.1	12.3	3.9	85	2.28	9.8	2.7	0.7	14	0.2	0.5	<0.1	47	0.16	0.052
1335608	Soil	0.8	13.1	9.9	47	0.2	14.6	4.5	113	1.50	4.9	1.1	0.7	19	0.3	0.5	<0.1	28	0.20	0.052
1335609	Soil	1.3	11.5	10.4	57	0.1	15.5	5.5	126	1.96	6.6	1.9	0.8	17	0.2	0.5	0.1	40	0.16	0.059
1335610	Soil	0.8	13.3	8.7	56	0.1	15.0	7.8	226	1.76	4.2	1.5	1.5	18	0.1	0.4	0.1	38	0.20	0.048
1335611	Soil	1.0	16.3	8.5	55	0.2	14.3	5.5	124	1.71	5.4	2.1	0.6	19	0.2	0.4	0.1	41	0.19	0.059
1335612	Soil	1.9	33.6	11.6	62	0.3	16.2	5.0	127	2.39	5.7	9.4	2.6	16	<0.1	0.5	0.2	46	0.13	0.061
1335613	Soil	1.2	28.4	10.2	56	<0.1	19.4	7.5	226	2.38	8.6	3.4	2.8	17	<0.1	0.6	0.1	49	0.15	0.036
1335614	Soil	1.5	15.1	10.6	40	0.2	12.9	4.9	139	2.07	8.2	0.5	2.8	11	0.1	0.5	0.1	57	0.09	0.022
1335615	Soil	2.9	24.4	12.2	76	0.4	23.8	12.6	788	2.84	12.5	4.0	2.1	19	0.3	0.9	0.1	73	0.11	0.060
1335616	Soil	0.8	7.8	6.3	31	0.4	6.4	4.4	144	1.25	3.4	<0.5	0.9	9	0.2	0.3	<0.1	33	0.06	0.020
1335617	Soil	2.2	49.6	14.2	69	0.3	27.6	8.8	250	2.93	10.3	3.8	4.4	20	0.2	1.1	0.1	63	0.10	0.036
1335618	Soil	2.2	37.5	10.6	56	0.3	27.4	9.5	217	2.73	11.2	5.3	4.1	17	0.2	0.9	0.2	65	0.11	0.021



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	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	Te
		ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		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	0.2
1337299	Soil	26	0.36	193	0.029	<1	1.43	0.006	0.07	<0.1	0.08	3.1	0.1	<0.05	5	0.6	<0.2
1337300	Soil	22	0.23	187	0.016	<1	1.42	0.014	0.07	<0.1	0.08	1.9	0.1	<0.05	5	<0.5	<0.2
1335601	Soil	29	0.40	207	0.046	<1	1.64	0.008	0.07	<0.1	0.05	2.9	<0.1	<0.05	5	<0.5	<0.2
1335602	Soil	27	0.52	201	0.080	<1	1.62	0.007	0.18	0.1	0.02	2.7	0.2	<0.05	5	<0.5	<0.2
1335603	Soil	39	0.61	257	0.077	<1	1.69	0.007	0.10	<0.1	0.04	4.0	0.1	<0.05	5	<0.5	<0.2
1335604	Soil	30	0.49	355	0.064	<1	1.39	0.007	0.06	<0.1	0.05	3.4	<0.1	<0.05	4	<0.5	<0.2
1335605	Soil	24	0.42	242	0.043	1	1.39	0.009	0.05	0.1	0.07	2.8	0.1	<0.05	4	1.8	<0.2
1335606	Soil	23	0.40	274	0.039	1	1.28	0.010	0.05	0.2	0.07	2.0	<0.1	<0.05	4	1.0	<0.2
1335607	Soil	20	0.26	142	0.031	<1	1.21	0.008	0.03	0.2	0.06	1.6	<0.1	<0.05	4	1.4	<0.2
1335608	Soil	19	0.29	187	0.034	<1	1.08	0.009	0.04	0.2	0.07	1.7	<0.1	0.05	3	<0.5	<0.2
1335609	Soil	22	0.28	167	0.030	<1	1.19	0.008	0.04	0.2	0.06	1.5	<0.1	<0.05	4	0.5	<0.2
1335610	Soil	23	0.38	194	0.039	1	1.26	0.008	0.05	0.3	0.05	2.1	<0.1	<0.05	4	<0.5	<0.2
1335611	Soil	22	0.33	203	0.035	<1	1.20	0.009	0.04	0.2	0.07	1.8	0.1	<0.05	4	<0.5	<0.2
1335612	Soil	26	0.29	238	0.043	<1	1.32	0.006	0.09	0.1	0.08	2.5	0.2	<0.05	4	<0.5	<0.2
1335613	Soil	31	0.42	225	0.048	<1	1.48	0.007	0.04	0.1	0.05	3.3	<0.1	<0.05	4	<0.5	<0.2
1335614	Soil	23	0.26	165	0.064	<1	1.31	0.005	0.03	0.1	0.02	1.8	<0.1	<0.05	5	<0.5	<0.2
1335615	Soil	35	0.40	407	0.038	<1	1.86	0.007	0.04	0.1	0.03	2.4	0.1	<0.05	6	0.9	<0.2
1335616	Soil	10	0.14	126	0.039	<1	0.78	0.015	0.02	<0.1	0.02	1.1	<0.1	<0.05	4	<0.5	<0.2
1335617	Soil	38	0.45	396	0.056	1	1.91	0.007	0.05	0.1	0.10	5.9	<0.1	<0.05	5	1.1	<0.2
1335618	Soil	39	0.44	280	0.056	2	2.14	0.008	0.04	0.1	0.03	2.7	<0.1	<0.05	5	0.8	<0.2



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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	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	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	La ppm 1
Pulp Duplicates																					
1336402	Soil	1.2	29.8	11.4	71	0.2	23.9	10.2	286	2.64	9.0	1.2	3.2	26	0.1	0.7	0.2	57	0.29	0.062	20
REP 1336402	QC	1.3	28.2	11.0	68	0.2	23.2	9.5	282	2.53	8.3	5.6	3.1	25	0.1	0.6	0.2	57	0.28	0.062	19
1336592	Soil	3.8	97.0	8.7	188	0.3	56.0	9.2	168	3.44	20.0	7.2	3.6	29	1.0	0.8	0.2	64	0.14	0.101	26
REP 1336592	QC	4.2	99.4	8.9	197	0.3	61.1	9.7	173	3.54	21.6	6.9	3.7	29	1.2	0.8	0.2	68	0.14	0.102	28
1336595	Soil	0.9	60.4	5.6	80	0.1	65.4	11.7	364	2.73	6.1	2.4	4.1	15	0.2	0.2	0.1	65	0.24	0.054	17
REP 1336595	QC	0.9	56.4	5.4	78	0.1	63.0	10.6	361	2.60	5.6	4.4	4.0	14	0.2	0.3	0.1	62	0.24	0.052	16
1336616	Soil	1.3	33.0	11.5	56	0.1	21.7	7.7	241	2.38	5.4	1.5	4.8	13	0.2	0.4	0.2	44	0.08	0.026	15
REP 1336516	QC	1.5	32.2	10.6	53	0.1	21.1	7.3	236	2.18	5.3	1.2	4.7	12	0.1	0.5	0.2	43	0.08	0.027	14
1336639	Soil	0.8	17.5	9.4	51	<0.1	17.2	5.1	139	2.03	5.5	2.5	4.9	11	0.1	0.3	0.2	44	0.10	0.023	18
REP 1336639	QC	0.8	17.7	9.5	53	<0.1	16.9	5.2	143	2.08	5.8	1.4	4.8	11	<0.1	0.3	0.2	45	0.09	0.023	18
1336650	Soil	1.8	36.8	12.9	72	<0.1	27.8	9.6	342	3.12	13.7	6.0	3.3	21	0.1	0.7	0.3	63	0.15	0.038	17
REP 1336650	QC	2.0	36.9	12.7	72	<0.1	28.0	9.8	355	3.20	13.9	5.5	3.3	23	<0.1	0.8	0.3	65	0.17	0.040	17
1334452	Soil	0.8	16.4	8.6	55	<0.1	17.5	9.9	339	2.93	7.4	1.9	2.5	41	<0.1	0.4	0.2	80	0.26	0.042	13
REP 1334452	QC	0.9	15.8	8.3	55	<0.1	17.4	9.8	329	2.92	7.4	7.9	2.5	40	<0.1	0.3	0.1	77	0.26	0.040	13
1334467	Soil	1.2	14.0	8.3	50	<0.1	14.6	6.6	235	2.17	5.0	1.8	0.5	42	0.3	0.3	0.2	59	0.26	0.047	9
REP 1334467	QC	1.1	13.7	8.7	49	0.1	14.7	6.1	218	2.16	5.1	3.7	0.6	40	0.3	0.3	0.2	54	0.24	0.046	8
1334485	Soil	1.3	26.2	10.9	82	0.1	24.5	9.7	291	2.87	10.1	3.5	3.9	35	0.3	0.9	0.2	59	0.48	0.078	16
REP 1334485	QC	1.2	24.9	10.4	76	0.1	22.6	8.9	279	2.73	10.1	2.4	3.7	35	0.3	0.8	0.2	57	0.46	0.072	16
1337077	Soil	1.2	24.0	14.0	68	0.2	24.9	8.6	365	2.47	6.8	0.9	5.3	28	0.3	0.4	0.2	49	0.53	0.067	27
REP 1337077	QC	1.1	24.3	13.1	70	0.2	24.2	8.6	352	2.40	6.5	2.0	5.3	28	0.3	0.4	0.2	46	0.51	0.061	28
1337093	Soil	0.8	22.7	9.7	56	0.2	18.9	7.4	185	2.17	7.8	3.3	4.5	24	0.1	0.4	0.2	46	0.31	0.049	19
REP 1337093	QC	0.7	22.8	9.7	57	0.1	20.0	7.7	190	2.26	7.8	4.0	4.4	25	0.1	0.4	0.1	46	0.32	0.050	19
1337118	Soil	2.8	20.5	10.8	44	0.3	18.6	4.0	128	2.19	12.6	2.1	1.1	13	0.2	0.6	0.3	72	0.07	0.039	12
REP 1337118	QC	2.8	20.5	10.7	48	0.3	19.2	3.8	128	2.24	12.7	0.7	1.1	13	0.3	0.7	0.3	71	0.07	0.040	13
1337131	Soil	1.0	32.8	11.2	69	0.2	26.9	9.6	259	2.52	6.0	3.3	2.4	27	0.2	0.6	0.2	52	0.29	0.063	17
REP 1337131	QC	1.0	33.4	11.0	70	0.2	27.4	9.6	259	2.56	6.1	1.3	2.5	28	0.1	0.5	0.2	52	0.32	0.059	17
1337148	Soil	0.7	21.7	9.5	64	<0.1	19.9	9.5	285	2.97	7.3	4.3	3.1	14	0.1	0.5	0.3	61	0.14	0.046	11
REP 1337148	QC	0.8	22.0	9.6	63	<0.1	19.8	9.3	277	2.96	6.8	2.9	3.1	14	0.1	0.5	0.2	63	0.16	0.050	11



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	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		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	0.2
Pulp Duplicates																	
1336402	Soil	35	0.53	350	0.062	<1	1.69	0.010	0.05	0.2	0.06	3.7	<0.1	<0.05	5	<0.5	<0.2
REP 1336402	QC	33	0.52	340	0.057	<1	1.58	0.009	0.05	0.2	0.05	3.6	<0.1	<0.05	4	<0.5	<0.2
1336592	Soil	50	0.81	554	0.077	<1	1.31	0.005	0.46	<0.1	0.03	2.7	0.3	<0.05	4	1.9	<0.2
REP 1336592	QC	52	0.79	598	0.083	<1	1.33	0.005	0.46	<0.1	0.02	2.9	0.3	<0.05	4	1.1	<0.2
1336595	Soil	89	1.29	565	0.104	<1	1.86	0.007	0.49	<0.1	0.02	5.9	0.2	<0.05	6	0.6	<0.2
REP 1336595	QC	83	1.27	541	0.100	<1	1.82	0.007	0.46	<0.1	0.02	5.6	0.2	<0.05	6	<0.5	<0.2
1336616	Soil	26	0.44	170	0.053	<1	1.31	0.008	0.12	<0.1	0.01	2.0	0.1	0.05	4	<0.5	<0.2
REP 1336516	QC	25	0.44	167	0.051	<1	1.21	0.007	0.12	<0.1	0.01	1.9	0.1	0.06	4	<0.5	<0.2
1336639	Soil	22	0.33	102	0.053	<1	1.19	0.006	0.09	<0.1	<0.01	1.8	0.1	<0.05	4	<0.5	<0.2
REP 1336639	QC	23	0.34	101	0.053	<1	1.20	0.006	0.09	<0.1	0.02	1.7	0.1	<0.05	5	<0.5	<0.2
1336650	Soil	36	0.53	907	0.036	<1	1.97	0.008	0.06	0.2	0.07	6.6	<0.1	<0.05	5	0.7	<0.2
REP 1336650	QC	37	0.54	929	0.038	1	2.03	0.009	0.06	0.1	0.05	6.9	0.1	0.06	6	<0.5	<0.2
1334452	Soil	28	0.56	229	0.088	1	2.50	0.015	0.04	0.1	0.03	3.7	<0.1	<0.05	6	<0.5	<0.2
REP 1334452	QC	27	0.56	225	0.085	<1	2.50	0.013	0.03	<0.1	0.03	3.8	<0.1	<0.05	6	<0.5	<0.2
1334467	Soil	22	0.48	184	0.053	<1	2.00	0.014	0.05	0.1	0.03	2.1	<0.1	0.07	6	<0.5	<0.2
REP 1334467	QC	21	0.47	190	0.044	<1	1.92	0.013	0.04	0.1	0.03	2.0	<0.1	<0.05	6	<0.5	<0.2
1334485	Soil	32	0.62	307	0.072	2	1.48	0.022	0.06	0.3	0.03	3.7	<0.1	<0.05	4	0.5	<0.2
REP 1334485	QC	30	0.59	307	0.068	1	1.42	0.020	0.06	0.2	0.05	3.5	<0.1	<0.05	4	<0.5	<0.2
1337077	Soil	30	0.39	274	0.045	1	1.50	0.011	0.08	0.2	0.03	3.6	<0.1	<0.05	4	<0.5	<0.2
REP 1337077	QC	28	0.39	274	0.047	2	1.49	0.011	0.08	0.2	0.05	3.5	<0.1	<0.05	4	<0.5	<0.2
1337093	Soil	26	0.37	288	0.051	<1	1.51	0.011	0.05	0.2	0.03	3.6	<0.1	<0.05	4	<0.5	<0.2
REP 1337093	QC	27	0.37	279	0.052	<1	1.47	0.011	0.06	0.1	0.04	3.6	<0.1	<0.05	4	<0.5	<0.2
1337118	Soil	52	0.36	144	0.064	1	1.20	0.006	0.05	0.1	0.02	1.4	<0.1	<0.05	6	1.0	<0.2
REP 1337118	QC	53	0.38	152	0.065	<1	1.24	0.006	0.05	0.1	0.03	1.5	0.1	<0.05	6	0.5	<0.2
1337131	Soil	37	0.57	339	0.061	<1	1.64	0.011	0.06	0.2	0.03	3.8	0.1	<0.05	5	0.5	<0.2
REP 1337131	QC	39	0.56	352	0.061	<1	1.63	0.011	0.06	0.1	0.05	3.8	0.1	<0.05	5	0.6	<0.2
1337148	Soil	36	0.45	167	0.064	1	1.58	0.006	0.09	0.2	0.02	4.1	0.1	<0.05	6	<0.5	<0.2
REP 1337148	QC	36	0.46	168	0.066	<1	1.57	0.006	0.09	0.1	0.02	4.2	0.1	<0.05	5	<0.5	<0.2



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Project:

FOM

Report Date:

October 06, 2011

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Part 1

QUALITY CONTROL REPORT

DAW11000246.2

		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	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1
1337280	Soil	1.1	26.2	9.8	61	0.2	19.4	9.2	345	2.35	6.3	4.3	1.5	21	0.2	0.6	0.1	43	0.21	0.053	16
REP 1337280	QC	1.0	24.2	9.4	58	0.2	19.0	8.7	325	2.24	6.0	2.5	1.5	20	0.2	0.5	0.1	41	0.20	0.050	15
1337289	Soil	0.7	22.3	10.4	57	0.1	20.1	6.9	173	2.17	5.6	3.5	2.8	16	0.1	0.4	0.2	41	0.17	0.039	16
REP 1337289	QC	0.7	21.9	10.5	59	<0.1	19.5	6.7	170	2.20	5.7	1.5	2.8	16	0.1	0.4	0.1	41	0.17	0.040	16
1335602	Soil	0.7	23.7	10.7	60	<0.1	21.5	8.0	199	2.55	5.0	2.3	4.7	15	0.1	0.4	0.1	42	0.15	0.035	19
REP 1335602	QC	0.8	23.8	11.1	60	<0.1	20.7	7.7	201	2.51	5.2	3.1	4.7	14	0.1	0.4	0.1	43	0.15	0.035	18
Reference Materials																					
STD DS8	Standard	13.0	116.3	117.7	300	1.7	37.3	7.5	596	2.35	25.4	106.8	7.2	68	2.5	5.7	6.9	41	0.66	0.080	15
STD DS8	Standard	12.5	112.1	123.2	308	1.8	36.8	7.2	596	2.39	24.5	121.5	7.2	67	2.4	5.7	7.1	40	0.64	0.081	16
STD DS8	Standard	12.6	110.8	128.1	320	1.8	37.8	7.5	612	2.48	26.7	105.6	6.5	60	2.3	5.3	6.7	41	0.67	0.084	14
STD DS8	Standard	14.0	120.5	127.1	319	1.7	40.6	8.3	621	2.58	25.7	119.1	7.3	70	2.6	5.8	7.2	47	0.66	0.080	16
STD DS8	Standard	13.9	123.5	131.1	327	1.9	42.1	8.5	633	2.61	26.2	112.2	7.0	70	2.4	6.2	7.3	47	0.69	0.078	15
STD DS8	Standard	13.4	117.8	129.5	325	1.8	39.8	8.0	631	2.59	27.0	111.7	6.7	66	2.5	5.6	6.8	42	0.69	0.085	14
STD DS8	Standard	13.0	105.9	123.3	318	1.8	37.0	7.1	603	2.39	25.6	117.5	6.5	64	2.2	5.6	6.5	39	0.68	0.079	15
STD DS8	Standard	13.6	104.3	131.0	304	1.8	37.6	7.1	600	2.51	25.2	123.6	7.2	65	2.2	4.9	6.4	44	0.74	0.079	16
STD DS8	Standard	14.1	126.1	139.2	335	1.9	42.4	8.6	669	2.73	26.6	124.9	7.6	74	2.5	6.1	7.5	47	0.72	0.082	16
STD DS8	Standard	13.5	113.4	130.7	326	1.8	40.4	8.0	626	2.53	25.9	120.8	7.4	69	2.6	5.5	7.1	45	0.70	0.080	17
STD DS8	Standard	13.6	118.0	122.6	327	1.9	41.8	8.2	631	2.53	25.2	102.1	6.4	57	2.5	4.4	6.5	45	0.71	0.081	15
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08	14.6
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	0.02	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1



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Report Date: October 06, 2011

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QUALITY CONTROL REPORT

DAW11000246.2

		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		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	0.2
1337280	Soil	26	0.42	243	0.050	2	1.63	0.010	0.06	0.1	0.05	2.6	0.1	<0.05	5	<0.5	<0.2
REP 1337280	QC	25	0.39	236	0.046	1	1.49	0.009	0.06	0.1	0.04	2.6	0.1	<0.05	5	<0.5	<0.2
1337289	Soil	28	0.44	184	0.040	<1	1.37	0.006	0.04	0.1	0.04	2.9	<0.1	<0.05	4	<0.5	<0.2
REP 1337289	QC	29	0.47	185	0.042	<1	1.47	0.007	0.04	<0.1	0.04	2.9	<0.1	<0.05	5	<0.5	<0.2
1335602	Soil	27	0.52	201	0.080	<1	1.62	0.007	0.18	0.1	0.02	2.7	0.2	<0.05	5	<0.5	<0.2
REP 1335602	QC	28	0.54	204	0.080	<1	1.67	0.007	0.17	0.1	0.02	2.8	0.2	<0.05	5	0.5	<0.2
Reference Materials																	
STD DS8	Standard	110	0.58	281	0.121	3	0.88	0.094	0.39	2.9	0.18	2.1	5.1	0.16	4	4.6	4.9
STD DS8	Standard	110	0.63	255	0.116	2	0.92	0.084	0.38	2.7	0.19	2.1	5.3	0.18	4	4.3	5.1
STD DS8	Standard	114	0.61	282	0.109	3	0.92	0.091	0.42	3.1	0.20	2.3	5.6	0.12	5	5.9	5.1
STD DS8	Standard	122	0.66	290	0.131	2	0.93	0.078	0.39	3.1	0.21	2.2	5.5	0.19	5	5.2	4.8
STD DS8	Standard	127	0.68	272	0.126	2	0.94	0.078	0.42	2.9	0.21	2.1	5.5	0.17	4	5.8	5.3
STD DS8	Standard	117	0.66	269	0.113	3	0.93	0.084	0.41	3.0	0.20	2.0	5.5	0.18	5	5.1	5.0
STD DS8	Standard	111	0.61	271	0.114	2	0.90	0.083	0.40	3.0	0.20	2.1	5.3	0.13	5	5.9	5.6
STD DS8	Standard	115	0.63	272	0.116	3	0.97	0.087	0.42	2.9	0.20	2.4	5.5	0.18	5	4.8	4.4
STD DS8	Standard	137	0.71	284	0.132	2	0.98	0.090	0.44	3.0	0.21	2.3	5.7	0.18	5	4.9	4.8
STD DS8	Standard	119	0.64	293	0.125	3	0.95	0.087	0.43	3.0	0.22	2.3	5.7	0.15	5	5.6	5.0
STD DS8	Standard	128	0.63	266	0.109	2	0.89	0.081	0.41	2.9	0.20	2.4	5.6	0.20	5	5.4	4.9
STD DS8 Expected		115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank	<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	<0.2
BLK	Blank	<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	<0.2
BLK	Blank	<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	<0.2
BLK	Blank	<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	<0.2
BLK	Blank	<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	<0.2
BLK	Blank	<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	<0.2
BLK	Blank	<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	<0.2
BLK	Blank	<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	<0.2
BLK	Blank	<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	<0.2
BLK	Blank	<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	<0.2
BLK	Blank	<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	<0.2
BLK	Blank	<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	<0.2
BLK	Blank	<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	<0.2



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Project: FOM

Report Date: October 06, 2011

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QUALITY CONTROL REPORT

DAW11000246.2

		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	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1



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QUALITY CONTROL REPORT

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		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
		ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
		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	<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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Submitted By: Hugh Baker

Receiving Lab: Canada-Dawson City

Received: August 30, 2011

Report Date: October 06, 2011

Page: 1 of 7

CERTIFICATE OF ANALYSIS

DAW11000247.2

CLIENT JOB INFORMATION

Project: FOM
Shipment ID: FOM
P.O. Number
Number of Samples: 173

SAMPLE DISPOSAL

RTRN-PLP Return
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: Golden Predator Canada Corp.
11th Floor, 888 Dunsmuir Street
Vancouver BC V6C 3K4
Canada

CC: Andrew Caldwell
Jack Cote

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
Dry at 60C	173	Dry at 60C			DAW
SS80	173	Dry at 60C sieve 100g to -80 mesh			DAW
1DX2	173	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

Version 2 : Revised sample IDs 1337560, 1337561 with 1337460, 1337461.



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. Results apply to samples as submitted.
** asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



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CERTIFICATE OF ANALYSIS

DAW11000247.2

	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	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1
1335619	Soil	4.4	48.7	10.1	80	0.3	27.6	6.8	214	3.15	10.5	3.2	3.1	15	0.3	1.1	0.2	68	0.08	0.036	11
1335620	Soil	2.1	28.2	12.5	77	0.7	26.6	7.7	213	3.50	12.2	2.1	3.1	12	0.3	0.9	0.2	68	0.11	0.031	10
1335621	Soil	1.5	18.4	10.0	56	0.9	17.2	7.6	229	2.69	5.9	2.7	2.6	8	0.2	0.5	0.2	58	0.08	0.020	9
1337327	Soil	0.4	49.5	2.9	26	<0.1	18.1	10.6	157	1.89	1.5	<0.5	0.8	8	<0.1	0.1	<0.1	46	0.27	0.021	3
1337328	Soil	0.6	110.5	2.2	44	0.1	24.3	18.3	294	3.76	1.1	0.8	1.6	8	0.1	0.1	<0.1	62	0.54	0.053	7
1337329	Soil	0.4	54.9	2.9	46	<0.1	25.4	17.5	395	3.86	1.1	<0.5	1.5	12	0.1	<0.1	<0.1	75	0.35	0.055	5
1337330	Soil	0.2	33.9	2.1	38	<0.1	11.8	12.7	187	2.34	1.0	2.8	0.5	8	<0.1	<0.1	<0.1	61	0.27	0.037	2
1337331	Soil	0.3	53.8	2.7	46	<0.1	11.0	17.8	475	3.11	1.3	<0.5	0.8	11	0.2	0.1	<0.1	80	0.35	0.038	3
1337332	Soil	0.3	36.2	3.1	32	0.2	4.7	6.9	150	1.76	0.6	<0.5	0.4	12	0.1	<0.1	<0.1	46	0.22	0.023	3
1337333	Soil	0.3	59.1	1.7	56	<0.1	16.1	14.1	329	3.28	<0.5	<0.5	1.4	13	<0.1	<0.1	<0.1	65	0.32	0.029	3
1337334	Soil	0.5	57.3	2.2	40	0.2	27.1	17.3	388	3.13	0.9	<0.5	1.2	17	<0.1	<0.1	<0.1	69	0.52	0.043	5
1337335	Soil	0.4	63.1	2.2	60	<0.1	11.9	18.3	292	4.49	1.0	<0.5	1.4	11	<0.1	0.1	<0.1	89	0.35	0.024	3
1337336	Soil	0.4	26.4	2.8	58	<0.1	6.2	15.0	542	3.56	0.6	<0.5	1.4	12	<0.1	<0.1	<0.1	58	0.35	0.043	3
1337337	Soil	0.7	90.0	2.6	64	0.2	18.9	20.2	487	4.23	1.9	3.7	1.6	21	<0.1	0.1	<0.1	101	0.90	0.038	4
1337338	Soil	1.4	59.3	2.6	59	<0.1	64.6	20.8	256	3.64	1.3	<0.5	3.0	27	<0.1	0.1	<0.1	78	0.83	0.098	15
1337339	Soil	2.9	81.1	4.2	92	0.2	94.4	26.4	445	3.89	4.7	1.2	2.0	32	0.5	<0.1	<0.1	105	1.53	0.132	11
1337340	Soil	1.4	56.7	3.7	50	0.2	61.8	20.5	285	3.32	16.1	3.2	2.4	21	<0.1	0.2	<0.1	73	0.86	0.073	11
1337341	Soil	2.4	72.2	4.2	82	0.1	31.2	16.0	467	4.05	0.5	1.2	2.9	28	0.2	<0.1	<0.1	95	1.15	0.059	11
1337342	Soil	0.7	40.8	2.9	47	0.1	29.5	15.8	395	3.23	1.5	2.8	1.4	20	0.1	0.2	<0.1	67	1.23	0.052	7
1337343	Soil	0.8	54.2	3.1	52	<0.1	14.2	15.7	333	3.30	1.4	<0.5	0.8	16	<0.1	0.1	<0.1	77	0.80	0.047	3
1337344	Soil	0.7	50.4	4.3	44	<0.1	14.1	11.7	218	2.99	3.1	<0.5	1.1	14	<0.1	0.2	<0.1	75	0.34	0.027	5
1337345	Soil	0.4	68.5	1.8	49	<0.1	12.2	15.5	247	3.23	2.1	1.7	0.5	38	<0.1	<0.1	<0.1	72	1.14	0.051	2
1337346	Soil	0.5	66.3	1.9	39	<0.1	14.0	14.6	205	3.01	1.2	0.8	0.9	14	<0.1	0.1	<0.1	74	0.61	0.053	3
1337347	Soil	1.1	37.9	3.9	57	0.1	23.0	14.3	353	3.35	3.7	<0.5	2.0	25	0.3	0.2	<0.1	67	1.02	0.069	8
1337348	Soil	0.9	36.9	3.4	59	<0.1	28.3	15.4	326	3.63	3.6	0.8	1.9	17	0.2	0.1	<0.1	77	1.02	0.062	9
1337349	Soil	2.2	44.1	8.9	80	0.5	27.9	6.5	137	2.65	5.6	1.6	3.7	20	0.2	0.4	0.2	94	0.15	0.023	17
1337350	Soil	4.5	59.6	7.6	123	0.3	43.2	8.8	223	2.49	1.3	<0.5	5.8	15	0.6	0.3	0.2	93	0.12	0.033	25
1335951	Soil	4.8	75.1	9.3	111	0.2	38.2	8.6	128	2.28	2.8	1.3	5.2	16	0.4	0.5	0.2	71	0.06	0.028	20
1335952	Soil	3.4	75.6	10.6	98	0.4	39.4	8.6	181	2.43	5.4	3.7	6.0	18	0.4	0.5	0.2	62	0.08	0.021	22
1335953	Soil	2.1	61.8	7.1	108	0.3	26.8	3.2	217	3.45	<0.5	<0.5	7.8	27	0.3	<0.1	0.1	40	0.04	0.041	35



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	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	Te
		ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		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	0.2
1335619	Soil	39	0.33	368	0.034	2	1.69	0.005	0.05	0.1	0.05	2.9	0.1	<0.05	5	3.0	<0.2
1335620	Soil	35	0.42	244	0.049	2	1.96	0.006	0.06	0.2	0.06	2.6	0.1	<0.05	7	0.8	<0.2
1335621	Soil	24	0.31	214	0.044	1	1.69	0.007	0.04	0.1	0.05	2.3	0.1	<0.05	6	<0.5	<0.2
1337327	Soil	61	0.52	73	0.058	1	1.06	0.009	0.04	<0.1	0.03	3.4	<0.1	<0.05	4	<0.5	<0.2
1337328	Soil	71	1.02	365	0.115	1	1.79	0.014	0.43	<0.1	0.03	4.9	0.1	<0.05	6	<0.5	<0.2
1337329	Soil	75	1.57	188	0.116	<1	1.90	0.014	0.30	<0.1	0.02	5.6	0.1	<0.05	7	<0.5	<0.2
1337330	Soil	59	1.02	221	0.136	<1	1.44	0.015	0.33	<0.1	0.02	2.9	<0.1	<0.05	5	<0.5	<0.2
1337331	Soil	59	1.03	191	0.094	2	1.68	0.017	0.27	0.1	0.02	5.5	<0.1	<0.05	5	<0.5	<0.2
1337332	Soil	16	0.46	124	0.067	1	1.21	0.018	0.17	<0.1	0.04	2.4	<0.1	<0.05	4	<0.5	<0.2
1337333	Soil	52	1.15	289	0.095	1	1.90	0.011	0.39	<0.1	0.02	3.7	<0.1	<0.05	5	<0.5	<0.2
1337334	Soil	97	1.28	236	0.116	<1	1.90	0.016	0.21	<0.1	0.02	5.3	<0.1	<0.05	6	<0.5	<0.2
1337335	Soil	47	1.45	254	0.093	<1	2.46	0.011	0.37	<0.1	0.02	6.7	<0.1	<0.05	6	<0.5	<0.2
1337336	Soil	13	1.10	304	0.063	1	1.95	0.008	0.47	<0.1	0.03	3.2	<0.1	<0.05	6	<0.5	<0.2
1337337	Soil	86	1.60	273	0.166	2	2.36	0.018	0.54	<0.1	0.04	9.6	0.2	<0.05	7	<0.5	<0.2
1337338	Soil	91	1.54	470	0.126	1	2.18	0.015	0.22	0.1	0.01	6.4	<0.1	<0.05	7	0.8	<0.2
1337339	Soil	103	1.67	647	0.143	3	2.26	0.020	0.30	0.1	0.05	6.2	0.1	0.05	7	1.4	<0.2
1337340	Soil	88	1.64	421	0.108	<1	1.88	0.016	0.23	<0.1	0.04	5.7	0.1	<0.05	6	<0.5	<0.2
1337341	Soil	66	1.45	447	0.082	2	2.21	0.015	0.45	<0.1	0.02	8.1	<0.1	0.08	7	0.9	<0.2
1337342	Soil	92	1.22	226	0.069	2	1.67	0.015	0.13	<0.1	0.02	6.3	<0.1	<0.05	5	0.7	<0.2
1337343	Soil	54	1.09	201	0.115	1	2.07	0.019	0.17	<0.1	0.03	6.5	<0.1	<0.05	5	0.6	<0.2
1337344	Soil	50	0.89	139	0.107	1	1.71	0.017	0.11	0.1	0.02	4.2	<0.1	<0.05	6	<0.5	<0.2
1337345	Soil	44	1.24	152	0.172	<1	2.96	0.029	0.23	0.1	0.01	4.9	<0.1	<0.05	7	<0.5	<0.2
1337346	Soil	49	1.08	160	0.117	<1	1.88	0.016	0.29	0.1	0.02	6.0	<0.1	<0.05	5	<0.5	<0.2
1337347	Soil	58	1.08	222	0.057	2	1.67	0.016	0.12	<0.1	0.03	6.4	<0.1	<0.05	5	<0.5	<0.2
1337348	Soil	70	1.41	183	0.054	1	1.83	0.012	0.13	<0.1	0.02	7.0	<0.1	<0.05	6	0.7	<0.2
1337349	Soil	47	0.60	299	0.086	1	1.65	0.009	0.07	<0.1	0.04	3.4	0.2	<0.05	6	1.1	<0.2
1337350	Soil	34	0.87	303	0.096	<1	1.67	0.006	0.17	<0.1	0.03	2.9	0.3	<0.05	6	4.9	<0.2
1335951	Soil	29	0.35	272	0.080	<1	1.13	0.005	0.05	<0.1	0.03	3.6	0.1	<0.05	3	2.6	<0.2
1335952	Soil	36	0.36	420	0.068	1	1.44	0.007	0.05	<0.1	0.04	5.3	<0.1	<0.05	4	1.7	<0.2
1335953	Soil	32	1.13	404	0.148	<1	2.05	0.006	0.71	<0.1	0.02	3.1	0.7	<0.05	6	1.0	0.3



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Project: FOM

Report Date: October 06, 2011

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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	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1
1335954	Soil	0.8	33.4	6.7	42	<0.1	21.0	13.7	270	3.06	5.4	<0.5	1.6	13	<0.1	0.3	<0.1	76	0.38	0.050	6
1335955	Soil	0.4	24.8	18.1	36	<0.1	15.2	4.1	112	2.81	4.3	<0.5	13.0	26	<0.1	0.3	0.2	39	0.19	0.015	14
1335956	Soil	0.9	13.0	12.8	35	<0.1	13.8	6.0	113	2.17	8.1	2.5	2.5	12	<0.1	0.3	0.2	50	0.11	0.021	13
1337501	Soil	0.8	19.7	7.1	53	<0.1	19.9	14.2	373	4.11	4.3	<0.5	1.8	166	0.1	0.1	<0.1	94	0.79	0.062	9
1337502	Soil	0.9	11.9	4.6	20	0.1	5.1	3.9	196	1.08	1.4	<0.5	<0.1	79	0.1	0.1	<0.1	31	0.62	0.069	5
1337503	Soil	0.7	16.7	6.2	23	<0.1	8.8	5.0	144	1.67	3.3	1.5	<0.1	38	0.1	0.1	<0.1	46	0.20	0.049	7
1337504	Soil	0.7	16.9	5.1	26	<0.1	11.6	5.5	179	1.78	3.6	3.2	0.2	30	<0.1	0.2	<0.1	51	0.26	0.059	6
1337505	Soil	0.6	15.6	5.9	42	<0.1	10.6	8.8	385	2.35	3.3	0.7	0.6	116	0.1	0.1	0.1	60	0.49	0.078	10
1337506	Soil	1.1	28.7	7.9	52	<0.1	13.6	12.9	538	3.32	3.6	1.8	1.2	135	0.1	0.2	<0.1	99	0.93	0.125	13
1337507	Soil	0.8	28.7	7.4	57	<0.1	13.1	12.6	577	3.15	3.8	1.4	1.3	111	0.2	0.2	0.1	96	0.74	0.104	10
1337508	Soil	1.1	62.4	6.6	112	<0.1	49.9	9.4	149	1.89	3.8	3.2	3.6	8	0.1	0.3	0.1	34	0.06	0.018	11
1337509	Soil	2.2	34.5	7.4	37	<0.1	13.2	4.9	159	1.80	5.4	6.5	1.9	9	0.1	0.5	0.1	39	0.07	0.036	10
1337510	Soil	1.8	34.0	5.5	32	<0.1	12.1	5.1	136	1.63	4.5	5.3	2.0	8	0.2	0.5	0.1	32	0.07	0.026	8
1337511	Soil	1.8	39.9	8.1	51	<0.1	20.5	10.1	315	2.18	7.0	4.3	2.7	13	<0.1	0.6	0.1	45	0.12	0.041	12
1337512	Soil	1.3	44.6	10.4	92	<0.1	31.9	9.6	329	2.72	4.5	5.1	3.6	6	0.3	0.3	0.3	41	0.04	0.026	16
1337513	Soil	1.0	25.9	10.5	60	<0.1	23.5	10.9	300	2.81	12.1	3.0	3.6	13	0.3	0.6	0.2	50	0.12	0.031	11
1337514	Soil	1.8	47.2	13.4	36	<0.1	12.0	3.7	129	1.77	5.5	1.9	1.8	13	<0.1	0.4	0.2	41	0.04	0.046	14
1337515	Soil	2.5	42.8	17.9	39	0.3	13.6	2.9	139	1.40	6.1	5.8	0.2	12	0.3	0.3	0.2	27	0.06	0.069	7
1337516	Soil	1.8	33.3	9.5	69	<0.1	20.5	9.7	445	2.56	10.8	2.1	0.6	9	0.3	0.7	0.2	51	0.08	0.056	9
1337517	Soil	1.7	53.5	9.0	65	<0.1	26.2	8.0	378	2.23	8.2	5.0	2.2	9	0.1	0.5	0.1	45	0.08	0.037	11
1337518	Soil	0.8	25.2	8.9	54	<0.1	20.9	7.6	266	2.41	9.6	3.8	1.6	15	<0.1	0.5	0.2	48	0.18	0.062	14
1337519	Soil	0.8	20.4	8.7	42	<0.1	14.5	5.1	166	1.90	6.2	14.4	0.6	10	0.2	0.4	0.2	44	0.13	0.054	12
1337520	Soil	1.7	38.6	7.6	68	0.3	21.7	6.6	192	1.85	5.7	2.3	2.1	11	0.3	0.5	0.1	35	0.10	0.038	11
1337521	Soil	1.4	22.8	9.3	60	0.1	21.2	7.7	182	2.39	8.0	1.1	0.9	11	<0.1	0.5	0.2	38	0.09	0.038	11
1337522	Soil	0.9	39.6	11.8	87	0.2	70.3	12.0	394	3.22	6.3	1.2	6.4	21	0.2	0.4	0.2	53	0.12	0.039	19
1337523	Soil	0.8	23.1	9.8	52	0.1	20.4	7.9	335	2.44	7.9	2.9	1.6	15	0.1	0.4	0.2	49	0.17	0.059	17
1337524	Soil	0.6	8.2	9.5	35	<0.1	14.2	5.1	381	1.82	4.6	<0.5	3.2	4	<0.1	0.2	<0.1	64	0.05	0.028	10
1337525	Soil	1.5	66.2	7.0	80	0.1	34.3	9.2	168	3.01	3.2	<0.5	3.4	13	0.2	0.4	0.1	43	0.07	0.045	14
1337526	Soil	1.5	56.1	7.3	67	0.2	25.3	7.6	179	2.64	4.9	1.4	4.4	11	0.1	0.5	0.2	53	0.13	0.038	16
1337527	Soil	1.3	56.1	7.1	76	0.2	41.7	10.5	309	3.21	5.0	<0.5	4.1	17	<0.1	0.4	0.1	68	0.23	0.067	15



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		Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	Te
		ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		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	0.2
1335954	Soil	28	0.50	179	0.107	<1	1.46	0.024	0.04	0.1	0.02	4.7	<0.1	<0.05	5	<0.5	<0.2
1335955	Soil	37	0.40	276	0.103	<1	2.00	0.005	0.08	<0.1	0.03	3.8	<0.1	<0.05	5	<0.5	<0.2
1335956	Soil	23	0.26	314	0.040	1	1.46	0.007	0.04	0.1	0.02	2.2	<0.1	<0.05	5	<0.5	<0.2
1337501	Soil	30	1.16	217	0.137	2	3.32	0.030	0.07	<0.1	0.02	5.6	<0.1	<0.05	9	<0.5	<0.2
1337502	Soil	11	0.24	99	0.031	3	0.99	0.019	0.04	<0.1	0.07	1.2	<0.1	<0.05	3	<0.5	<0.2
1337503	Soil	14	0.26	131	0.036	2	1.48	0.015	0.05	<0.1	0.04	1.1	<0.1	<0.05	5	<0.5	<0.2
1337504	Soil	22	0.28	110	0.040	1	1.47	0.012	0.02	0.1	0.05	1.8	<0.1	<0.05	5	<0.5	<0.2
1337505	Soil	22	0.75	152	0.038	<1	2.21	0.028	0.04	<0.1	0.04	2.9	<0.1	<0.05	6	<0.5	<0.2
1337506	Soil	21	1.04	153	0.071	<1	2.55	0.046	0.07	0.2	0.02	4.9	<0.1	<0.05	7	<0.5	<0.2
1337507	Soil	21	0.88	136	0.095	<1	2.33	0.032	0.07	0.2	0.02	4.7	<0.1	<0.05	8	<0.5	<0.2
1337508	Soil	27	0.46	282	0.058	<1	1.39	0.004	0.18	<0.1	0.03	2.7	0.2	<0.05	4	<0.5	0.2
1337509	Soil	21	0.21	145	0.027	<1	0.89	0.004	0.03	0.1	0.05	2.0	<0.1	<0.05	4	1.2	<0.2
1337510	Soil	18	0.19	127	0.027	<1	0.76	0.003	0.02	0.1	0.04	2.0	<0.1	<0.05	2	0.9	<0.2
1337511	Soil	23	0.34	231	0.034	<1	1.18	0.005	0.04	0.1	0.04	2.8	<0.1	<0.05	4	0.9	<0.2
1337512	Soil	22	0.44	155	0.064	<1	1.40	0.005	0.26	<0.1	0.02	2.4	0.3	<0.05	5	<0.5	<0.2
1337513	Soil	30	0.45	172	0.039	<1	1.92	0.007	0.05	0.2	0.07	3.4	<0.1	<0.05	4	<0.5	<0.2
1337514	Soil	16	0.16	255	0.015	<1	0.83	0.002	0.08	<0.1	0.05	1.7	<0.1	<0.05	3	0.6	0.3
1337515	Soil	21	0.08	284	0.016	<1	0.53	0.004	0.07	<0.1	0.08	0.8	<0.1	0.05	3	0.6	<0.2
1337516	Soil	27	0.30	149	0.022	<1	1.58	0.006	0.04	0.1	0.06	1.9	0.1	<0.05	5	0.6	<0.2
1337517	Soil	22	0.31	158	0.036	<1	1.18	0.004	0.06	<0.1	0.05	2.9	0.2	<0.05	4	<0.5	<0.2
1337518	Soil	29	0.42	184	0.039	<1	1.40	0.006	0.04	0.2	0.04	2.9	<0.1	<0.05	4	<0.5	<0.2
1337519	Soil	23	0.30	121	0.033	<1	1.24	0.005	0.04	0.1	0.03	1.7	0.1	<0.05	5	<0.5	<0.2
1337520	Soil	19	0.24	170	0.023	<1	0.91	0.004	0.04	0.1	0.03	2.5	<0.1	<0.05	3	0.7	<0.2
1337521	Soil	24	0.27	138	0.018	<1	1.25	0.004	0.03	0.1	0.04	1.6	<0.1	<0.05	4	<0.5	<0.2
1337522	Soil	95	1.08	429	0.067	<1	2.04	0.006	0.31	<0.1	0.03	4.2	0.2	0.14	6	1.1	<0.2
1337523	Soil	26	0.51	272	0.030	<1	1.59	0.006	0.06	0.1	0.04	2.7	0.1	<0.05	4	<0.5	<0.2
1337524	Soil	25	0.65	63	0.041	<1	1.51	0.003	0.08	0.1	0.01	1.9	0.1	<0.05	4	<0.5	<0.2
1337525	Soil	36	0.68	273	0.074	<1	1.39	0.008	0.35	<0.1	0.01	2.7	0.2	0.17	4	0.5	<0.2
1337526	Soil	35	0.61	207	0.068	<1	1.57	0.006	0.15	0.1	0.04	3.6	0.2	0.06	5	<0.5	<0.2
1337527	Soil	63	0.98	577	0.120	<1	1.92	0.008	0.43	<0.1	0.03	5.1	0.2	0.10	6	<0.5	<0.2



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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			
					Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
					ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
					0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1
1337528	Soil																							
1337529	Soil																							
1337530	Soil																							
1337531	Soil																							
1337532	Soil																							
1337911	Soil																							
1337912	Soil																							
1337913	Soil																							
1337914	Soil																							
1337915	Soil																							
1337916	Soil																							
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1337934	Soil																							
1337935	Soil																							



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	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	Te
		ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		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	0.2
1337528	Soil	28	0.34	178	0.012	<1	1.47	0.008	0.05	<0.1	0.04	2.7	0.1	0.06	5	<0.5	<0.2
1337529	Soil	14	0.23	156	0.005	<1	1.08	0.006	0.09	<0.1	0.06	2.3	0.2	0.07	3	<0.5	<0.2
1337530	Soil	57	0.86	432	0.101	<1	2.07	0.006	0.33	0.1	0.03	2.9	0.2	0.09	7	<0.5	<0.2
1337531	Soil	74	0.58	242	0.017	<1	1.47	0.004	0.04	0.1	0.05	1.5	0.2	<0.05	6	<0.5	<0.2
1337532	Soil	58	0.64	173	0.033	<1	1.75	0.006	0.06	0.1	0.05	1.8	0.2	<0.05	6	<0.5	<0.2
1337911	Soil	52	0.98	481	0.075	<1	2.32	0.006	0.24	<0.1	0.02	6.5	0.2	<0.05	8	<0.5	<0.2
1337912	Soil	28	0.38	135	0.034	<1	1.32	0.006	0.05	0.1	0.03	2.3	0.1	0.06	4	<0.5	<0.2
1337913	Soil	19	0.18	56	0.042	<1	0.97	0.004	0.03	<0.1	<0.01	1.2	<0.1	<0.05	6	<0.5	<0.2
1337914	Soil	35	0.43	140	0.034	<1	1.27	0.006	0.08	<0.1	0.01	1.8	<0.1	0.05	5	<0.5	<0.2
1337915	Soil	83	0.68	98	0.051	<1	1.50	0.006	0.06	<0.1	0.02	2.3	0.1	<0.05	5	<0.5	<0.2
1337916	Soil	39	0.53	107	0.055	<1	1.55	0.006	0.08	0.1	0.02	2.2	0.1	<0.05	5	<0.5	<0.2
1337917	Soil	81	0.74	121	0.054	<1	1.86	0.007	0.04	<0.1	0.02	2.9	<0.1	<0.05	5	<0.5	<0.2
1337918	Soil	34	0.47	86	0.045	<1	1.20	0.007	0.03	<0.1	<0.01	1.5	<0.1	<0.05	3	<0.5	<0.2
1337919	Soil	33	0.49	54	0.048	<1	0.97	0.006	0.02	<0.1	<0.01	1.5	<0.1	<0.05	2	<0.5	<0.2
1337920	Soil	42	0.37	112	0.045	2	1.15	0.011	0.04	<0.1	0.01	1.6	<0.1	<0.05	4	0.6	<0.2
1337921	Soil	24	0.45	57	0.049	2	0.91	0.006	0.02	<0.1	<0.01	1.2	<0.1	<0.05	3	0.5	<0.2
1337922	Soil	26	0.48	125	0.056	<1	1.35	0.008	0.03	0.1	0.01	2.6	<0.1	<0.05	4	0.7	<0.2
1337923	Soil	32	0.53	89	0.053	<1	1.17	0.009	0.03	<0.1	<0.01	2.1	<0.1	<0.05	3	<0.5	<0.2
1337924	Soil	24	0.53	114	0.063	<1	1.57	0.011	0.04	<0.1	0.01	3.2	<0.1	<0.05	5	<0.5	<0.2
1337925	Soil	51	0.57	54	0.064	1	0.99	0.011	0.03	<0.1	<0.01	2.0	<0.1	<0.05	3	<0.5	<0.2
1337926	Soil	51	0.86	96	0.092	<1	1.64	0.013	0.05	<0.1	0.01	2.9	<0.1	<0.05	4	<0.5	<0.2
1337927	Soil	34	0.50	113	0.059	1	1.48	0.008	0.03	<0.1	0.02	2.3	<0.1	<0.05	4	<0.5	<0.2
1337928	Soil	52	0.65	187	0.080	<1	1.60	0.010	0.03	<0.1	0.02	3.0	<0.1	<0.05	4	<0.5	<0.2
1337929	Soil	54	0.78	150	0.072	<1	1.38	0.012	0.02	<0.1	<0.01	2.5	<0.1	<0.05	3	<0.5	<0.2
1337930	Soil	98	1.15	217	0.057	<1	2.24	0.011	0.04	<0.1	0.06	7.3	<0.1	<0.05	5	<0.5	<0.2
1337931	Soil	99	1.05	164	0.064	<1	1.90	0.011	0.03	<0.1	0.03	4.6	<0.1	<0.05	4	<0.5	<0.2
1337932	Soil	86	1.06	220	0.075	<1	1.38	0.013	0.03	<0.1	0.04	4.6	<0.1	<0.05	3	<0.5	<0.2
1337933	Soil	44	0.65	193	0.070	<1	1.39	0.013	0.03	0.1	0.04	4.3	<0.1	<0.05	4	<0.5	<0.2
1337934	Soil	42	0.54	209	0.058	<1	1.53	0.013	0.03	<0.1	0.06	4.2	<0.1	<0.05	4	<0.5	<0.2
1337935	Soil	38	0.50	207	0.056	1	1.67	0.014	0.04	<0.1	0.05	4.3	<0.1	<0.05	5	<0.5	<0.2



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		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	0.1	2	0.01	0.001
1337936	Soil	1.0	18.1	7.5	46	0.4	22.4	9.8	233	1.86	5.7	3.1	1.1	17	0.2	0.3	0.1	55	0.25	0.052	9
1337937	Soil	0.6	20.4	7.2	50	0.5	22.3	7.8	123	1.74	4.1	2.0	1.1	21	0.2	0.3	0.1	37	0.26	0.049	10
1337938	Soil	1.5	16.7	7.3	52	0.9	16.7	6.3	111	1.55	4.8	2.3	1.9	21	0.2	0.4	0.1	44	0.23	0.035	10
1337939	Soil	1.5	33.2	9.4	54	<0.1	20.1	7.5	293	2.42	12.9	2.8	3.1	12	0.1	0.5	0.2	52	0.07	0.048	10
1337940	Soil	1.8	24.6	10.4	51	<0.1	16.4	6.0	236	2.62	11.1	1.9	0.8	14	0.2	0.5	0.2	62	0.11	0.057	11
1337941	Soil	2.0	43.5	10.2	69	<0.1	24.7	11.0	463	2.87	13.0	2.6	4.2	12	0.2	0.6	0.2	63	0.08	0.035	12
1337942	Soil	1.4	46.9	10.1	76	<0.1	28.0	9.2	327	2.94	11.8	1.7	4.4	18	0.1	0.5	0.2	65	0.13	0.031	14
1337943	Soil	1.4	43.6	9.5	68	<0.1	29.7	10.0	348	2.63	16.0	3.1	4.1	13	0.1	0.6	0.2	56	0.09	0.035	14
1337944	Soil	1.4	47.4	10.7	63	<0.1	26.7	10.2	354	2.82	11.5	3.4	5.5	18	0.2	0.7	0.2	62	0.12	0.029	17
1337945	Soil	1.9	36.1	11.4	60	0.1	24.5	9.2	313	2.82	11.6	2.6	5.3	16	0.1	0.7	0.2	65	0.12	0.025	15
1337946	Soil	1.8	29.7	11.0	58	<0.1	23.2	9.0	265	2.69	10.3	3.3	4.5	14	<0.1	0.6	0.2	61	0.12	0.031	14
1337947	Soil	2.5	33.2	11.9	56	0.2	22.8	8.1	275	2.75	10.6	2.6	4.5	13	0.1	0.6	0.2	67	0.09	0.029	13
1337948	Soil	1.8	31.9	10.8	54	<0.1	21.3	8.2	248	2.55	9.6	2.6	4.7	14	0.1	0.6	0.2	58	0.10	0.023	13
1337949	Soil	2.5	35.9	10.2	56	<0.1	20.1	6.3	192	2.44	9.2	3.0	4.7	12	0.1	0.7	0.2	52	0.07	0.027	11
1337950	Soil	2.3	33.6	9.0	53	<0.1	18.8	5.8	179	2.28	8.7	2.2	4.2	9	0.1	0.6	0.2	48	0.06	0.025	10
1337451	Soil	1.6	29.4	10.6	57	<0.1	19.2	7.0	244	2.44	9.3	4.9	4.5	14	0.2	0.5	0.2	58	0.11	0.030	14
1337452	Soil	1.7	46.8	9.2	60	<0.1	22.7	9.6	336	2.43	9.3	3.6	4.6	18	0.2	0.7	0.2	49	0.14	0.029	16
1337453	Soil	1.3	33.9	9.3	64	<0.1	23.7	8.6	330	2.38	8.5	3.1	4.3	18	0.1	0.6	0.2	49	0.15	0.029	16
1337454	Soil	1.3	41.6	10.7	59	<0.1	23.2	8.7	305	2.49	7.8	3.2	4.1	23	0.1	0.6	0.2	54	0.20	0.031	16
1337455	Soil	1.9	29.1	12.2	55	<0.1	18.8	6.3	215	2.59	8.8	2.2	0.5	14	0.2	0.6	0.3	62	0.09	0.054	10
1337456	Soil	1.4	30.4	10.2	60	<0.1	20.1	7.7	300	2.35	7.9	3.4	3.3	18	0.1	0.7	0.2	53	0.16	0.040	15
1337457	Soil	2.1	40.5	10.2	60	<0.1	21.8	8.9	328	2.49	8.8	2.9	3.7	20	0.1	0.7	0.2	58	0.14	0.026	16
1337458	Soil	3.6	54.3	9.1	60	<0.1	21.1	7.3	220	2.45	8.3	3.3	3.7	18	0.2	0.9	0.2	51	0.11	0.026	13
1337459	Soil	1.8	32.8	9.6	73	<0.1	30.2	8.7	223	2.66	9.5	2.1	3.7	15	0.2	0.6	0.2	60	0.11	0.031	13
1337460	Soil	3.2	24.4	12.4	48	<0.1	16.4	5.9	168	2.86	10.8	1.8	1.6	13	0.1	0.6	0.3	71	0.08	0.036	11
1337461	Soil	3.2	36.9	8.2	41	<0.1	14.2	5.2	149	1.92	7.5	3.4	2.0	16	<0.1	0.6	0.3	44	0.08	0.033	9
1337462	Soil	3.1	21.3	11.6	52	<0.1	17.3	6.6	209	2.85	11.6	2.8	2.0	11	0.2	0.6	0.3	67	0.08	0.046	10
1337463	Soil	1.9	32.0	9.5	60	<0.1	21.9	7.9	244	2.51	8.1	3.5	3.2	15	0.1	0.5	0.2	55	0.12	0.041	13
1337464	Soil	2.1	30.2	9.8	60	<0.1	21.5	7.3	221	2.43	7.8	2.8	2.6	17	0.1	0.5	0.2	52	0.14	0.046	13
1337465	Soil	2.9	24.4	13.0	52	0.1	17.5	7.2	237	3.00	10.7	3.7	2.9	12	0.2	0.6	0.3	73	0.08	0.040	11



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	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	Te
		ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		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	0.2
1337936	Soil	36	0.44	136	0.049	1	1.26	0.010	0.04	0.1	0.04	2.3	<0.1	<0.05	4	<0.5	<0.2
1337937	Soil	35	0.45	240	0.044	1	1.42	0.011	0.03	0.1	0.06	2.7	<0.1	<0.05	4	<0.5	<0.2
1337938	Soil	28	0.39	318	0.043	<1	1.19	0.010	0.04	0.1	0.05	2.3	0.2	<0.05	4	0.7	<0.2
1337939	Soil	27	0.38	134	0.046	<1	1.49	0.005	0.06	<0.1	0.03	2.4	<0.1	<0.05	5	<0.5	<0.2
1337940	Soil	30	0.40	162	0.046	1	1.65	0.008	0.05	0.1	0.02	1.9	0.1	<0.05	6	<0.5	<0.2
1337941	Soil	41	0.50	206	0.061	1	1.92	0.006	0.08	0.1	0.03	2.6	0.1	<0.05	5	0.5	<0.2
1337942	Soil	47	0.64	255	0.075	1	1.99	0.008	0.07	<0.1	0.03	3.9	0.1	<0.05	6	<0.5	<0.2
1337943	Soil	41	0.53	228	0.067	<1	1.56	0.006	0.07	0.1	0.03	3.6	0.1	<0.05	4	<0.5	<0.2
1337944	Soil	43	0.55	275	0.070	<1	2.00	0.007	0.06	0.1	0.05	4.7	0.1	<0.05	5	<0.5	<0.2
1337945	Soil	41	0.53	272	0.069	<1	2.14	0.009	0.06	0.1	0.05	5.6	0.1	<0.05	6	0.5	<0.2
1337946	Soil	33	0.50	240	0.056	<1	1.91	0.008	0.05	0.2	0.04	3.9	<0.1	<0.05	5	<0.5	<0.2
1337947	Soil	38	0.45	225	0.067	1	2.05	0.008	0.05	0.1	0.04	3.6	0.1	<0.05	6	<0.5	<0.2
1337948	Soil	36	0.45	198	0.065	<1	1.84	0.007	0.05	0.1	0.03	3.2	0.1	<0.05	5	<0.5	<0.2
1337949	Soil	32	0.39	158	0.053	<1	1.59	0.006	0.05	<0.1	0.03	2.5	0.1	<0.05	5	<0.5	<0.2
1337950	Soil	27	0.35	145	0.048	<1	1.47	0.005	0.05	0.1	0.03	2.2	0.1	<0.05	5	<0.5	<0.2
1337451	Soil	35	0.43	193	0.054	<1	1.83	0.007	0.06	0.1	0.04	3.6	0.1	<0.05	5	<0.5	<0.2
1337452	Soil	28	0.42	246	0.056	<1	1.42	0.008	0.05	0.1	0.04	3.6	0.1	<0.05	4	<0.5	<0.2
1337453	Soil	29	0.42	328	0.054	<1	1.37	0.007	0.05	0.1	0.04	3.7	<0.1	<0.05	4	<0.5	<0.2
1337454	Soil	33	0.53	313	0.064	<1	1.49	0.011	0.04	0.1	0.03	3.9	<0.1	<0.05	4	<0.5	<0.2
1337455	Soil	32	0.37	201	0.040	<1	1.75	0.012	0.05	0.1	0.03	2.0	0.1	<0.05	7	<0.5	<0.2
1337456	Soil	31	0.48	209	0.056	<1	1.60	0.009	0.04	0.1	0.03	3.5	<0.1	<0.05	5	<0.5	<0.2
1337457	Soil	35	0.46	268	0.055	<1	1.66	0.008	0.05	0.1	0.05	4.3	<0.1	<0.05	5	0.5	<0.2
1337458	Soil	29	0.39	245	0.051	<1	1.33	0.007	0.04	0.1	0.06	3.6	<0.1	<0.05	4	1.4	<0.2
1337459	Soil	40	0.49	273	0.052	<1	1.84	0.007	0.04	0.2	0.04	3.5	0.1	<0.05	5	<0.5	<0.2
1337460	Soil	33	0.36	251	0.045	<1	1.81	0.006	0.06	0.1	0.02	2.5	0.1	<0.05	7	<0.5	<0.2
1337461	Soil	27	0.30	312	0.026	<1	1.03	0.005	0.02	0.1	0.03	2.2	<0.1	<0.05	3	1.7	<0.2
1337462	Soil	33	0.41	207	0.034	<1	1.74	0.005	0.04	0.2	0.02	2.4	<0.1	<0.05	6	1.1	<0.2
1337463	Soil	35	0.49	260	0.046	<1	1.48	0.006	0.03	0.1	0.03	3.4	<0.1	<0.05	4	0.6	<0.2
1337464	Soil	35	0.50	269	0.042	<1	1.57	0.007	0.03	0.1	0.03	3.4	<0.1	<0.05	4	0.7	<0.2
1337465	Soil	35	0.38	263	0.030	<1	2.13	0.006	0.04	0.2	0.02	3.1	<0.1	<0.05	7	1.0	<0.2



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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	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1
1337466	Soil	1.5	32.3	9.7	54	<0.1	22.8	9.8	409	2.59	11.2	7.0	3.0	13	0.1	0.6	0.2	53	0.10	0.028	14
1337467	Soil	2.3	28.4	9.8	53	<0.1	19.1	7.7	265	2.58	9.4	1.9	2.7	12	0.1	0.5	0.2	56	0.10	0.026	11
1337468	Soil	3.1	24.7	12.5	62	0.1	23.3	8.8	383	3.15	13.7	4.4	2.2	11	0.2	0.7	0.2	67	0.08	0.043	11
1337951	Soil	0.5	70.1	8.6	240	<0.1	100.4	10.3	316	5.49	2.2	1.3	4.8	9	0.8	0.2	0.1	184	0.30	0.127	10
1337952	Soil	1.6	91.9	7.2	103	<0.1	56.8	8.4	218	3.62	9.3	<0.5	3.5	5	0.2	0.2	0.1	108	0.06	0.021	5
1337953	Soil	0.8	52.5	5.0	52	0.4	1031	61.9	1383	3.15	45.6	7.1	2.0	13	0.4	0.4	0.1	50	0.44	0.036	7
1337954	Soil	1.6	40.3	10.8	108	0.2	34.6	9.4	188	2.17	6.3	1.4	2.4	16	0.6	0.3	0.2	52	0.29	0.025	12
1337955	Soil	1.1	62.6	10.9	112	0.4	53.0	11.5	155	2.72	11.0	2.2	4.3	19	0.4	0.6	0.2	64	0.30	0.040	15
1337956	Soil	0.9	50.1	10.3	96	0.6	26.7	7.0	132	2.34	10.5	3.4	3.0	22	0.7	0.8	0.2	65	0.51	0.053	13
1337957	Soil	0.4	31.9	9.9	84	0.3	22.9	6.9	178	2.15	10.4	2.5	3.1	24	0.5	0.7	0.2	61	0.71	0.054	13
1337958	Soil	1.1	24.0	7.7	76	0.1	25.5	20.5	4365	2.34	8.2	2.4	1.7	32	0.7	0.5	0.2	43	1.29	0.075	10
1337959	Soil	0.3	19.8	7.9	55	<0.1	19.4	8.9	245	1.88	6.0	1.7	2.8	19	0.3	0.5	0.1	46	0.81	0.062	12
1337960	Soil	0.4	22.2	8.4	75	0.1	19.3	6.9	158	1.88	5.9	1.7	2.3	22	0.3	0.5	0.1	48	0.64	0.066	11
1337961	Soil	0.5	17.7	8.2	66	0.1	18.6	7.8	238	2.11	5.8	1.2	1.8	22	0.3	0.4	0.1	46	0.65	0.070	10
1337962	Soil	0.7	24.2	8.1	98	0.2	26.3	13.6	424	2.63	7.9	3.3	1.4	24	0.4	0.4	0.1	48	0.76	0.074	12
1337963	Soil	1.2	26.5	6.8	89	0.2	22.6	7.0	181	1.93	4.1	5.4	2.6	19	0.4	0.3	0.1	45	0.50	0.055	13
1337964	Soil	1.0	53.2	5.7	110	0.2	42.5	13.2	462	3.44	5.0	1.5	2.7	25	0.8	0.4	<0.1	87	0.50	0.078	9
1337965	Soil	0.9	20.8	6.2	69	0.1	19.5	8.0	312	1.82	4.9	8.5	1.7	25	0.3	0.3	<0.1	44	0.75	0.052	9
1337966	Soil	0.9	23.6	7.4	65	0.1	20.5	8.9	343	2.08	5.2	1.6	1.7	27	0.2	0.4	0.1	48	0.72	0.060	11
1337967	Soil	1.0	31.5	8.3	67	0.1	21.7	11.0	267	2.52	8.0	3.8	2.9	24	0.2	0.5	0.1	57	0.40	0.063	12
1337968	Soil	1.2	29.0	9.3	71	0.1	22.5	12.1	281	2.62	8.9	2.8	3.2	24	0.4	0.5	0.1	57	0.39	0.072	12
1337969	Soil	1.1	30.8	10.7	76	0.2	27.9	10.6	323	2.61	10.6	2.4	3.3	30	0.4	0.8	0.2	54	0.46	0.073	14
1337970	Soil	0.7	24.6	10.2	62	0.1	21.6	10.8	260	2.26	7.3	5.5	1.7	26	0.3	0.6	0.2	52	0.35	0.070	13
1337971	Soil	0.8	23.4	7.7	63	0.1	19.3	8.8	187	2.58	9.6	3.4	2.8	22	0.1	0.4	0.1	58	0.37	0.067	11
1337972	Soil	0.9	28.6	8.2	74	0.2	22.5	10.9	243	2.42	6.4	2.3	2.4	24	0.3	0.4	0.1	58	0.44	0.070	12
1337973	Soil	0.7	24.8	8.7	67	0.1	21.1	8.8	222	2.19	7.7	1.8	2.7	24	0.2	0.5	0.1	50	0.37	0.067	12
1337974	Soil	0.9	22.8	7.3	64	0.1	22.7	9.7	235	2.45	6.7	2.8	2.3	24	0.2	0.3	<0.1	51	0.53	0.087	10
1337975	Soil	1.1	19.8	7.1	69	0.2	18.8	7.6	258	1.86	5.0	3.4	1.5	25	0.2	0.3	0.1	45	0.61	0.067	9
1337976	Soil	0.7	23.4	7.8	75	0.2	21.0	9.6	336	2.16	5.9	1.2	1.9	27	0.4	0.4	<0.1	47	0.99	0.086	11
1337977	Soil	0.8	31.4	5.8	83	0.1	29.5	11.2	372	2.11	4.6	0.8	1.9	31	0.3	0.3	<0.1	47	0.79	0.076	9



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	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	Te
		ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		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	0.2
1337466	Soil	33	0.48	236	0.036	<1	1.72	0.006	0.03	0.1	0.04	4.2	<0.1	<0.05	4	0.8	<0.2
1337467	Soil	34	0.48	225	0.037	<1	1.72	0.006	0.03	0.1	0.03	3.4	<0.1	<0.05	5	0.8	<0.2
1337468	Soil	38	0.49	261	0.033	<1	1.91	0.006	0.04	0.2	0.03	2.7	<0.1	<0.05	6	1.3	<0.2
1337951	Soil	78	1.20	475	0.270	<1	3.10	0.009	1.17	0.1	<0.01	4.0	0.8	<0.05	10	0.6	<0.2
1337952	Soil	53	1.09	211	0.208	<1	2.03	0.007	0.72	<0.1	0.01	3.1	0.4	<0.05	8	1.0	<0.2
1337953	Soil	248	1.51	240	0.063	<1	1.42	0.007	0.04	<0.1	0.03	5.8	0.2	<0.05	4	1.5	<0.2
1337954	Soil	28	0.67	215	0.039	<1	1.48	0.007	0.05	0.1	0.01	2.4	<0.1	<0.05	5	0.7	<0.2
1337955	Soil	40	0.54	264	0.045	<1	1.60	0.008	0.04	0.1	0.06	3.6	<0.1	<0.05	5	0.9	<0.2
1337956	Soil	29	0.41	268	0.034	<1	1.30	0.010	0.03	0.2	0.12	3.1	<0.1	<0.05	4	1.7	<0.2
1337957	Soil	27	0.38	251	0.032	<1	1.29	0.011	0.03	0.2	0.06	3.3	<0.1	<0.05	4	0.7	<0.2
1337958	Soil	22	0.36	441	0.031	2	1.28	0.014	0.03	0.1	0.05	2.8	<0.1	0.09	4	0.6	<0.2
1337959	Soil	24	0.38	218	0.044	<1	1.16	0.012	0.03	0.2	0.03	3.0	<0.1	<0.05	4	0.7	<0.2
1337960	Soil	26	0.40	207	0.042	<1	1.29	0.013	0.03	0.2	0.05	2.8	<0.1	<0.05	4	<0.5	<0.2
1337961	Soil	24	0.37	214	0.037	<1	1.16	0.011	0.03	0.1	0.03	2.4	<0.1	<0.05	4	0.6	<0.2
1337962	Soil	24	0.37	234	0.032	<1	1.18	0.013	0.02	0.1	0.04	2.6	<0.1	<0.05	4	<0.5	<0.2
1337963	Soil	25	0.46	229	0.045	<1	1.09	0.008	0.07	0.2	0.04	2.3	0.1	<0.05	4	0.9	<0.2
1337964	Soil	55	0.86	329	0.085	<1	1.69	0.008	0.19	0.1	0.02	6.7	0.1	<0.05	6	<0.5	<0.2
1337965	Soil	25	0.45	191	0.047	<1	1.17	0.011	0.03	0.2	0.02	2.4	<0.1	<0.05	3	<0.5	<0.2
1337966	Soil	26	0.50	252	0.045	<1	1.39	0.012	0.03	0.2	0.04	2.7	<0.1	<0.05	4	0.7	<0.2
1337967	Soil	30	0.58	272	0.054	<1	1.51	0.013	0.03	0.2	0.04	3.3	<0.1	<0.05	4	<0.5	<0.2
1337968	Soil	30	0.54	289	0.048	<1	1.48	0.013	0.04	0.2	0.04	3.5	<0.1	<0.05	4	0.5	<0.2
1337969	Soil	29	0.54	356	0.049	1	1.54	0.018	0.05	0.2	0.05	3.2	<0.1	<0.05	5	0.7	<0.2
1337970	Soil	26	0.42	313	0.037	1	1.44	0.012	0.04	0.2	0.04	2.7	<0.1	<0.05	5	<0.5	<0.2
1337971	Soil	29	0.51	211	0.051	<1	1.44	0.011	0.03	0.2	0.04	2.9	<0.1	<0.05	4	<0.5	<0.2
1337972	Soil	33	0.57	272	0.043	<1	1.57	0.011	0.03	0.1	0.04	3.3	<0.1	<0.05	5	0.6	<0.2
1337973	Soil	26	0.46	270	0.043	<1	1.35	0.011	0.03	0.2	0.04	2.9	<0.1	<0.05	4	<0.5	<0.2
1337974	Soil	31	0.65	201	0.071	<1	1.47	0.012	0.04	0.2	0.02	3.0	<0.1	<0.05	4	0.5	<0.2
1337975	Soil	24	0.41	218	0.042	<1	1.25	0.011	0.03	0.2	0.03	2.4	<0.1	<0.05	4	<0.5	<0.2
1337976	Soil	27	0.73	245	0.047	<1	1.44	0.013	0.03	0.2	0.04	2.8	<0.1	<0.05	4	<0.5	<0.2
1337977	Soil	34	0.56	223	0.054	<1	1.43	0.011	0.03	<0.1	0.03	2.9	<0.1	<0.05	4	<0.5	<0.2



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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	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1
1337978	Soil	0.8	55.7	7.9	164	0.3	41.4	9.6	230	2.19	5.7	2.3	2.4	27	1.4	0.5	0.1	50	1.25	0.102	13
1337979	Soil	0.6	17.2	4.6	79	<0.1	14.6	6.0	461	1.28	4.5	<0.5	0.5	32	0.7	0.3	0.5	26	2.75	0.070	7
1337980	Soil	1.1	37.7	8.7	76	0.1	30.2	10.3	290	2.86	6.9	2.4	5.8	17	0.1	0.4	0.3	48	0.11	0.033	12
1337981	Soil	1.0	29.8	6.9	59	<0.1	19.6	8.4	224	2.52	4.9	<0.5	2.7	12	0.1	0.3	0.2	64	0.11	0.028	10
1337982	Soil	1.0	20.4	9.9	56	<0.1	21.4	7.3	197	2.66	8.2	1.1	3.9	13	<0.1	0.4	0.2	52	0.14	0.029	11
1337983	Soil	1.0	25.5	9.2	54	<0.1	19.8	6.2	197	2.31	6.0	1.0	4.6	13	<0.1	0.3	0.2	43	0.12	0.033	15
1337984	Soil	1.1	24.7	9.2	54	<0.1	26.7	9.5	239	2.56	7.9	1.2	4.1	12	<0.1	0.3	0.2	45	0.16	0.028	12
1337985	Soil	0.6	49.7	12.6	76	<0.1	58.4	17.6	466	3.25	14.7	0.8	7.0	10	0.2	0.3	0.2	59	0.12	0.025	14
1337986	Soil	0.8	50.2	8.3	70	<0.1	46.6	9.1	314	2.85	15.4	<0.5	5.3	18	<0.1	0.2	0.2	64	0.22	0.031	18
1337987	Soil	1.1	39.4	8.3	69	0.1	71.8	10.6	333	2.72	19.1	<0.5	6.0	15	<0.1	0.2	0.2	46	0.28	0.037	25
1337988	Soil	0.7	18.7	8.2	45	<0.1	17.6	6.3	163	2.10	4.2	4.5	4.3	15	<0.1	0.2	0.2	39	0.30	0.021	9
1337989	Soil	0.7	27.1	10.4	53	0.1	26.2	10.8	381	2.50	6.1	0.7	2.6	27	<0.1	0.4	0.2	47	0.58	0.057	13
1337990	Soil	0.8	34.9	10.3	65	0.1	31.6	12.2	387	2.58	6.4	0.7	5.1	23	0.3	0.4	0.2	53	0.46	0.054	17
1337991	Soil	0.7	36.9	8.4	65	0.1	35.5	9.0	231	2.45	5.7	2.1	4.9	21	0.1	0.4	0.1	58	0.39	0.059	18
1337992	Soil	1.1	33.1	9.9	64	0.2	32.2	8.8	258	2.33	5.0	1.0	3.5	20	0.2	0.4	0.2	52	0.31	0.048	17
1337993	Soil	0.9	33.2	9.6	66	0.2	32.4	9.3	263	2.41	4.5	0.6	4.2	20	0.2	0.4	0.2	53	0.32	0.051	18
1337994	Soil	0.9	41.4	10.7	68	0.3	36.8	12.8	782	2.75	4.1	1.0	5.1	22	0.1	0.4	0.2	61	0.56	0.065	26
1337995	Soil	0.6	31.7	11.3	64	0.1	32.6	11.5	329	2.77	5.6	0.9	5.1	18	0.1	0.4	0.2	61	0.47	0.055	18
1337996	Soil	0.6	42.7	10.9	60	0.1	37.2	13.6	490	2.57	6.1	3.6	4.8	20	0.2	0.5	0.2	51	0.64	0.055	21
1337997	Soil	0.6	51.2	13.1	72	0.1	47.9	16.6	461	3.03	7.1	2.1	5.6	22	0.2	0.7	0.2	57	0.79	0.061	30
1337998	Soil	0.8	46.6	14.5	76	0.1	41.0	14.6	487	2.85	5.5	2.2	8.2	20	0.4	0.6	0.2	42	0.70	0.056	29
1337999	Soil	0.4	41.9	9.6	61	0.2	32.3	9.5	626	2.26	5.7	0.7	2.0	32	0.3	1.1	0.1	35	1.59	0.069	23
1338000	Soil	0.5	33.5	9.8	59	0.2	27.0	11.7	275	2.21	5.1	0.6	4.1	24	0.4	0.9	0.2	34	0.93	0.051	30



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CERTIFICATE OF ANALYSIS

DAW11000247.2

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	Te
		ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		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	0.2
1337978	Soil	26	0.56	232	0.039	1	1.39	0.013	0.04	0.2	0.05	3.1	0.2	<0.05	4	1.0	<0.2
1337979	Soil	18	0.23	162	0.025	4	0.71	0.013	0.03	0.1	0.04	1.1	<0.1	0.12	2	<0.5	<0.2
1337980	Soil	28	0.59	192	0.054	<1	1.88	0.007	0.09	<0.1	0.02	2.7	0.1	<0.05	5	<0.5	<0.2
1337981	Soil	23	0.58	141	0.057	<1	1.60	0.005	0.05	<0.1	0.02	3.4	<0.1	<0.05	6	<0.5	<0.2
1337982	Soil	28	0.48	139	0.054	1	1.69	0.006	0.06	0.1	0.03	2.3	<0.1	<0.05	5	<0.5	<0.2
1337983	Soil	24	0.43	170	0.056	<1	1.47	0.006	0.09	<0.1	0.02	2.3	0.1	<0.05	5	<0.5	<0.2
1337984	Soil	27	0.46	162	0.062	<1	1.53	0.007	0.11	<0.1	0.02	2.0	0.1	<0.05	5	<0.5	<0.2
1337985	Soil	55	0.98	261	0.077	<1	2.17	0.006	0.25	<0.1	0.01	3.6	0.2	<0.05	6	<0.5	<0.2
1337986	Soil	58	1.11	342	0.123	<1	2.02	0.008	0.38	<0.1	0.01	4.0	0.2	<0.05	7	<0.5	<0.2
1337987	Soil	64	0.85	291	0.095	<1	1.70	0.007	0.23	<0.1	0.02	3.1	0.2	<0.05	5	<0.5	<0.2
1337988	Soil	21	0.46	151	0.068	<1	1.20	0.007	0.05	<0.1	0.02	1.8	0.1	<0.05	4	<0.5	<0.2
1337989	Soil	30	0.50	349	0.045	<1	1.72	0.013	0.04	0.1	0.06	3.1	<0.1	<0.05	5	<0.5	<0.2
1337990	Soil	37	0.64	417	0.077	<1	1.56	0.009	0.14	0.1	0.05	4.2	0.1	<0.05	5	<0.5	<0.2
1337991	Soil	51	0.73	414	0.086	<1	1.61	0.012	0.15	0.1	0.04	5.3	0.1	<0.05	5	<0.5	<0.2
1337992	Soil	41	0.64	341	0.073	<1	1.68	0.009	0.14	0.1	0.05	3.9	<0.1	<0.05	5	<0.5	<0.2
1337993	Soil	43	0.67	349	0.078	<1	1.64	0.009	0.15	<0.1	0.05	4.1	0.1	<0.05	5	<0.5	<0.2
1337994	Soil	47	0.76	539	0.084	<1	1.93	0.011	0.19	<0.1	0.07	5.0	0.1	<0.05	6	<0.5	<0.2
1337995	Soil	50	0.79	349	0.076	<1	1.86	0.008	0.14	0.1	0.03	4.8	0.1	<0.05	6	<0.5	<0.2
1337996	Soil	41	0.68	354	0.053	<1	1.57	0.010	0.11	<0.1	0.04	4.3	0.1	<0.05	5	<0.5	<0.2
1337997	Soil	49	0.77	347	0.064	<1	1.68	0.008	0.16	<0.1	0.05	5.3	0.1	<0.05	5	<0.5	<0.2
1337998	Soil	36	0.60	326	0.069	<1	1.47	0.009	0.24	<0.1	0.05	4.1	0.2	<0.05	4	<0.5	<0.2
1337999	Soil	25	0.38	320	0.033	2	1.18	0.015	0.05	<0.1	0.10	2.9	<0.1	0.06	3	0.7	<0.2
1338000	Soil	22	0.40	240	0.039	<1	1.31	0.016	0.07	<0.1	0.09	3.2	0.1	<0.05	4	<0.5	<0.2



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Part 1

QUALITY CONTROL REPORT

DAW11000247.2

	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	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1
Pulp Duplicates																					
1337338	Soil	1.4	59.3	2.6	59	<0.1	64.6	20.8	256	3.64	1.3	<0.5	3.0	27	<0.1	0.1	<0.1	78	0.83	0.098	15
REP 1337338	QC	1.4	61.7	2.7	54	<0.1	67.6	21.2	256	3.76	1.2	<0.5	3.1	27	0.2	<0.1	<0.1	79	0.88	0.105	15
1335952	Soil	3.4	75.6	10.6	98	0.4	39.4	8.6	181	2.43	5.4	3.7	6.0	18	0.4	0.5	0.2	62	0.08	0.021	22
REP 1335952	QC	3.7	75.7	11.1	101	0.3	43.1	8.8	183	2.60	5.5	3.0	5.9	18	0.3	0.5	0.2	63	0.08	0.021	21
1337520	Soil	1.7	38.6	7.6	68	0.3	21.7	6.6	192	1.85	5.7	2.3	2.1	11	0.3	0.5	0.1	35	0.10	0.038	11
REP 1337520	QC	1.6	36.6	7.6	67	0.3	20.9	6.3	187	1.78	5.3	2.5	2.1	11	0.4	0.5	0.1	34	0.10	0.037	11
1337915	Soil	0.7	22.5	7.4	48	<0.1	57.0	7.5	127	2.04	5.1	<0.5	2.1	9	<0.1	0.2	0.2	44	0.12	0.023	12
REP 1337915	QC	0.7	22.5	7.2	48	<0.1	58.3	7.3	127	2.01	5.2	<0.5	2.2	9	<0.1	0.2	0.2	43	0.12	0.026	12
1337920	Soil	0.8	43.2	6.2	27	<0.1	29.2	8.1	125	1.40	4.0	1.0	0.6	12	0.1	0.3	0.1	34	0.14	0.023	5
REP 1337920	QC	0.8	45.5	6.4	29	<0.1	31.6	8.3	128	1.48	4.1	0.9	0.6	13	0.1	0.2	0.1	35	0.14	0.025	5
1337930	Soil	0.3	108.0	5.8	32	0.1	64.9	13.8	168	2.20	5.4	2.0	2.2	19	<0.1	0.3	0.1	56	0.56	0.030	9
REP 1337930	QC	0.3	114.7	6.2	34	0.1	71.7	15.2	176	2.32	5.7	2.3	2.3	19	<0.1	0.4	0.1	60	0.58	0.029	9
1337945	Soil	1.9	36.1	11.4	60	0.1	24.5	9.2	313	2.82	11.6	2.6	5.3	16	0.1	0.7	0.2	65	0.12	0.025	15
REP 1337945	QC	1.9	36.5	12.5	63	0.1	25.3	9.6	337	3.12	12.3	3.8	5.4	16	<0.1	0.8	0.2	69	0.12	0.026	15
1337467	Soil	2.3	28.4	9.8	53	<0.1	19.1	7.7	265	2.58	9.4	1.9	2.7	12	0.1	0.5	0.2	56	0.10	0.026	11
REP 1337467	QC	2.4	28.7	10.2	53	<0.1	19.0	7.7	270	2.52	9.3	6.2	2.7	13	0.1	0.5	0.2	53	0.10	0.026	11
1337962	Soil	0.7	24.2	8.1	98	0.2	26.3	13.6	424	2.63	7.9	3.3	1.4	24	0.4	0.4	0.1	48	0.76	0.074	12
REP 1337962	QC	0.6	26.0	8.4	105	0.2	27.6	14.2	454	2.78	8.3	5.2	1.5	25	0.5	0.4	0.1	50	0.82	0.080	13
1337991	Soil	0.7	36.9	8.4	65	0.1	35.5	9.0	231	2.45	5.7	2.1	4.9	21	0.1	0.4	0.1	58	0.39	0.059	18
REP 1337991	QC	0.8	37.8	8.4	65	0.1	34.7	9.0	233	2.47	5.7	2.5	4.8	22	0.1	0.4	0.1	58	0.38	0.057	19
1338000	Soil	0.5	33.5	9.8	59	0.2	27.0	11.7	275	2.21	5.1	0.6	4.1	24	0.4	0.9	0.2	34	0.93	0.051	30
REP 1338000	QC	0.5	34.8	10.1	61	0.2	27.0	11.8	293	2.28	5.0	1.3	4.3	25	0.4	0.9	0.2	34	0.99	0.052	31
Reference Materials																					
STD DS8	Standard	13.0	116.3	117.7	300	1.7	37.3	7.5	596	2.35	25.4	106.8	7.2	68	2.5	5.7	6.9	41	0.66	0.080	15
STD DS8	Standard	13.8	121.9	133.7	332	1.9	41.6	8.5	640	2.63	27.2	129.4	6.8	65	2.6	4.9	6.8	45	0.70	0.087	14
STD DS8	Standard	13.4	115.8	127.5	315	1.8	38.5	7.6	625	2.52	25.5	103.9	6.9	65	2.2	5.3	6.5	45	0.67	0.080	15
STD DS8	Standard	13.5	109.1	125.2	317	1.8	39.4	7.8	619	2.84	24.5	108.4	6.6	59	2.6	5.1	6.2	43	0.69	0.080	13
STD DS8	Standard	12.1	110.3	121.0	305	1.7	39.2	7.8	625	2.49	23.3	102.8	6.4	55	2.0	4.8	6.2	42	0.67	0.076	14



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Part 2

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
		Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		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	0.2
Pulp Duplicates																	
1337338	Soil	91	1.54	470	0.126	1	2.18	0.015	0.22	0.1	0.01	6.4	<0.1	<0.05	7	0.8	<0.2
REP 1337338	QC	93	1.54	468	0.130	<1	2.17	0.015	0.23	0.1	0.01	6.8	<0.1	<0.05	7	<0.5	<0.2
1335952	Soil	36	0.36	420	0.068	1	1.44	0.007	0.05	<0.1	0.04	5.3	<0.1	<0.05	4	1.7	<0.2
REP 1335952	QC	38	0.36	423	0.066	<1	1.41	0.007	0.05	<0.1	0.05	5.2	<0.1	<0.05	4	2.0	<0.2
1337520	Soil	19	0.24	170	0.023	<1	0.91	0.004	0.04	0.1	0.03	2.5	<0.1	<0.05	3	0.7	<0.2
REP 1337520	QC	19	0.24	174	0.025	<1	0.91	0.005	0.04	0.1	0.04	2.3	<0.1	<0.05	3	1.1	<0.2
1337915	Soil	83	0.68	98	0.051	<1	1.50	0.006	0.06	<0.1	0.02	2.3	0.1	<0.05	5	<0.5	<0.2
REP 1337915	QC	83	0.70	101	0.053	<1	1.52	0.007	0.06	<0.1	0.01	2.4	0.1	<0.05	5	<0.5	<0.2
1337920	Soil	42	0.37	112	0.045	2	1.15	0.011	0.04	<0.1	0.01	1.6	<0.1	<0.05	4	0.6	<0.2
REP 1337920	QC	47	0.37	114	0.049	<1	1.23	0.011	0.04	<0.1	<0.01	1.7	<0.1	<0.05	4	0.7	<0.2
1337930	Soil	98	1.15	217	0.057	<1	2.24	0.011	0.04	<0.1	0.06	7.3	<0.1	<0.05	5	<0.5	<0.2
REP 1337930	QC	105	1.16	226	0.067	<1	2.38	0.013	0.04	<0.1	0.07	7.9	<0.1	<0.05	5	0.5	<0.2
1337945	Soil	41	0.53	272	0.069	<1	2.14	0.009	0.06	0.1	0.05	5.6	0.1	<0.05	6	0.5	<0.2
REP 1337945	QC	45	0.55	276	0.070	1	2.24	0.008	0.06	0.1	0.06	5.9	0.1	<0.05	6	<0.5	<0.2
1337467	Soil	34	0.48	225	0.037	<1	1.72	0.006	0.03	0.1	0.03	3.4	<0.1	<0.05	5	0.8	<0.2
REP 1337467	QC	33	0.48	220	0.034	<1	1.67	0.006	0.03	0.1	0.06	3.4	<0.1	<0.05	5	0.6	<0.2
1337962	Soil	24	0.37	234	0.032	<1	1.18	0.013	0.02	0.1	0.04	2.6	<0.1	<0.05	4	<0.5	<0.2
REP 1337962	QC	25	0.39	247	0.035	<1	1.22	0.013	0.03	0.1	0.05	2.7	<0.1	<0.05	4	0.5	<0.2
1337991	Soil	51	0.73	414	0.086	<1	1.61	0.012	0.15	0.1	0.04	5.3	0.1	<0.05	5	<0.5	<0.2
REP 1337991	QC	50	0.75	424	0.088	<1	1.62	0.012	0.15	0.2	0.05	5.3	0.1	<0.05	5	<0.5	<0.2
1338000	Soil	22	0.40	240	0.039	<1	1.31	0.016	0.07	<0.1	0.09	3.2	0.1	<0.05	4	<0.5	<0.2
REP 1338000	QC	22	0.41	243	0.040	<1	1.40	0.017	0.07	<0.1	0.10	3.4	0.1	<0.05	4	0.9	<0.2
Reference Materials																	
STD DS8	Standard	110	0.58	281	0.121	3	0.88	0.094	0.39	2.9	0.18	2.1	5.1	0.16	4	4.6	4.9
STD DS8	Standard	124	0.66	276	0.119	3	0.95	0.080	0.44	3.0	0.19	2.1	5.8	0.17	5	5.8	5.0
STD DS8	Standard	117	0.61	281	0.119	2	0.88	0.086	0.39	3.0	0.21	2.2	5.4	0.17	5	5.0	5.1
STD DS8	Standard	121	0.59	272	0.112	3	0.87	0.081	0.41	2.9	0.21	2.1	5.2	0.10	5	5.6	4.8
STD DS8	Standard	121	0.59	264	0.107	2	0.86	0.079	0.41	3.0	0.19	2.2	5.5	0.19	5	4.8	4.8



Acme Analytical Laboratories (Vancouver) Ltd.

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Project: FOM

Report Date: October 06, 2011

Page: 2 of 2 **Part** 1

QUALITY CONTROL REPORT

DAW11000247.2

		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	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1
STD DS8	Standard	11.4	102.5	116.4	298	1.7	36.3	7.1	562	2.30	24.5	124.5	5.9	61	2.2	5.1	6.4	39	0.65	0.076	13
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08	14.6
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1



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Report Date: October 06, 2011

Page: 2 of 2 **Part** 2

QUALITY CONTROL REPORT

DAW11000247.2

		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	Te
		ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		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	0.2
STD DS8	Standard	106	0.56	258	0.105	2	0.84	0.086	0.41	2.5	0.19	2.1	5.1	0.14	4	4.8	4.7
STD DS8 Expected		115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank	<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	<0.2
BLK	Blank	<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	<0.2
BLK	Blank	<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	<0.2
BLK	Blank	<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	<0.2
BLK	Blank	<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	<0.2
BLK	Blank	<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	<0.2

Appendix 4

Analytical Methods and Detection Limits

METHOD SPECIFICATIONS

GROUP 1D AND 1F – GEOCHEMICAL AQUA REGIA DIGESTION

Package Codes: 1D01 to 1D03, 1DX1 to 1DX3, 1F01 to 1F07
Sample Digestion: HNO₃-HCl acid digestion
Instrumentation Method: ICP-ES (1D), ICP-MS (1DX, 1F)
Applicability: Sediment, Soil, Non-mineralized Rock and Drill Core

Method Description:

Prepared sample is digested with a modified Aqua Regia solution of equal parts concentrated HCl, HNO₃ and DI H₂O for one hour in a heating block of hot water bath. Sample is made up to volume with dilute HCl. Sample splits of 0.5g, 15g or 30g can be analyzed.

For 1F07, Lead isotopes (Pb₂₀₄, Pb₂₀₆, Pb₂₀₇, Pb₂₀₈) are suitable for geochemical exploration of U and other commodities where gross differences in natural to radiogenic Pb ratios, is a benefit. Isotope values can be reported in both concentrations and intensities. Sample splits of 0.25g, 0.5g, 15g or 30g can be analyzed.

Element	Group 1D Detection	Group 1DX Detection	Group 1F Detection	Upper Limit
Ag	0.3 ppm	0.1 ppm	2 ppb	100 ppm
Al*	0.01%	0.01%	0.01%	10%
As	2 ppm	0.5 ppm	0.1 ppm	10000 ppm
Au	2 ppm	0.5 ppb	0.2 ppb	100 ppm
B*^	20 ppm	20 ppm	20 ppm	2000 ppm
Ba*	1 ppm	1 ppm	0.5 ppm	10000 ppm
Bi	3 ppm	0.1 ppm	0.02 ppm	2000 ppm
Ca*	0.01%	0.01%	0.01%	40%
Cd	0.5 ppm	0.1 ppm	0.01 ppm	2000 ppm
Co	1 ppm	0.1 ppm	0.1 ppm	2000 ppm
Cr*	1 ppm	1 ppm	0.5 ppm	10000 ppm
Cu	1 ppm	0.1 ppm	0.01 ppm	10000 ppm
Fe*	0.01%	0.01%	0.01%	40%
Ga*	-	1 ppm	0.1 ppm	1000 ppm
Hg	1 ppm	0.01 ppm	5 ppb	50 ppm
K*	0.01%	0.01%	0.01%	10%
La*	1 ppm	1 ppm	0.5 ppm	10000 ppm
Mg*	0.01%	0.01%	0.01%	30%
Mn*	2 ppm	1 ppm	1 ppm	10000 ppm
Mo	1 ppm	0.1 ppm	0.01 ppm	2000 ppm

Element	Group 1D Detection	Group 1DX Detection	Group 1F Detection	Upper Limit
Na*	0.01%	0.001%	0.001%	5%
Ni	1 ppm	0.1 ppm	0.1 ppm	10000 ppm
P*	0.001%	0.001%	0.001%	5%
Pb	3 ppm	0.1 ppm	0.01 ppm	10000 ppm
S	0.05%	0.05%	0.02%	10%
Sb	3 ppm	0.1 ppm	0.02 ppm	2000 ppm
Sc	-	0.1 ppm	0.1 ppm	100 ppm
Se	-	0.5 ppm	0.1 ppm	100 ppm
Sr*	1 ppm	1 ppm	0.5 ppm	10000 ppm
Te	-	0.2 ppm	0.02 ppm	1000 ppm
Th*	2 ppm	0.1 ppm	0.1 ppm	2000 ppm
Ti*	0.01%	0.001%	0.001%	5%
Tl	5 ppm	0.1 ppm	0.02 ppm	1000 ppm
U*	8 ppm	0.1 ppm	0.05 ppm	2000 ppm
V*	1 ppm	2 ppm	2 ppm	10000 ppm
W*	2 ppm	0.1 ppm	0.05 ppm	100 ppm
Zn	1 ppm	1 ppm	0.1 ppm	10000 ppm
Be*	-	-	0.1 ppm	1000 ppm
Ce*	-	-	0.1 ppm	2000 ppm
Cs*	-	-	0.02 ppm	2000 ppm
Ge*	-	-	0.1 ppm	100 ppm
Hf*	-	-	0.02 ppm	1000 ppm
In	-	-	0.02 ppm	1000 ppm
Li*	-	-	0.1 ppm	2000 ppm
Nb*	-	-	0.02 ppm	2000 ppm
Rb*	-	-	0.1 ppm	2000 ppm
Re	-	-	1 ppb	1000 ppb
Sn*	-	-	0.1 ppm	100 ppm
Ta*	-	-	0.05 ppm	2000 ppm
Y*	-	-	0.01 ppm	2000 ppm
Zr*	-	-	0.1 ppm	2000 ppm
Pt*	-	-	2 ppb	100 ppm
Pd*	-	-	10 ppb	100 ppm
Pb ₂₀₄	-	-	0.01 ppm	10000 ppm
Pb ₂₀₆	-	-	0.01 ppm	10000 ppm
Pb ₂₀₇	-	-	0.01 ppm	10000 ppm
Pb ₂₀₈	-	-	0.01 ppm	10000 ppm

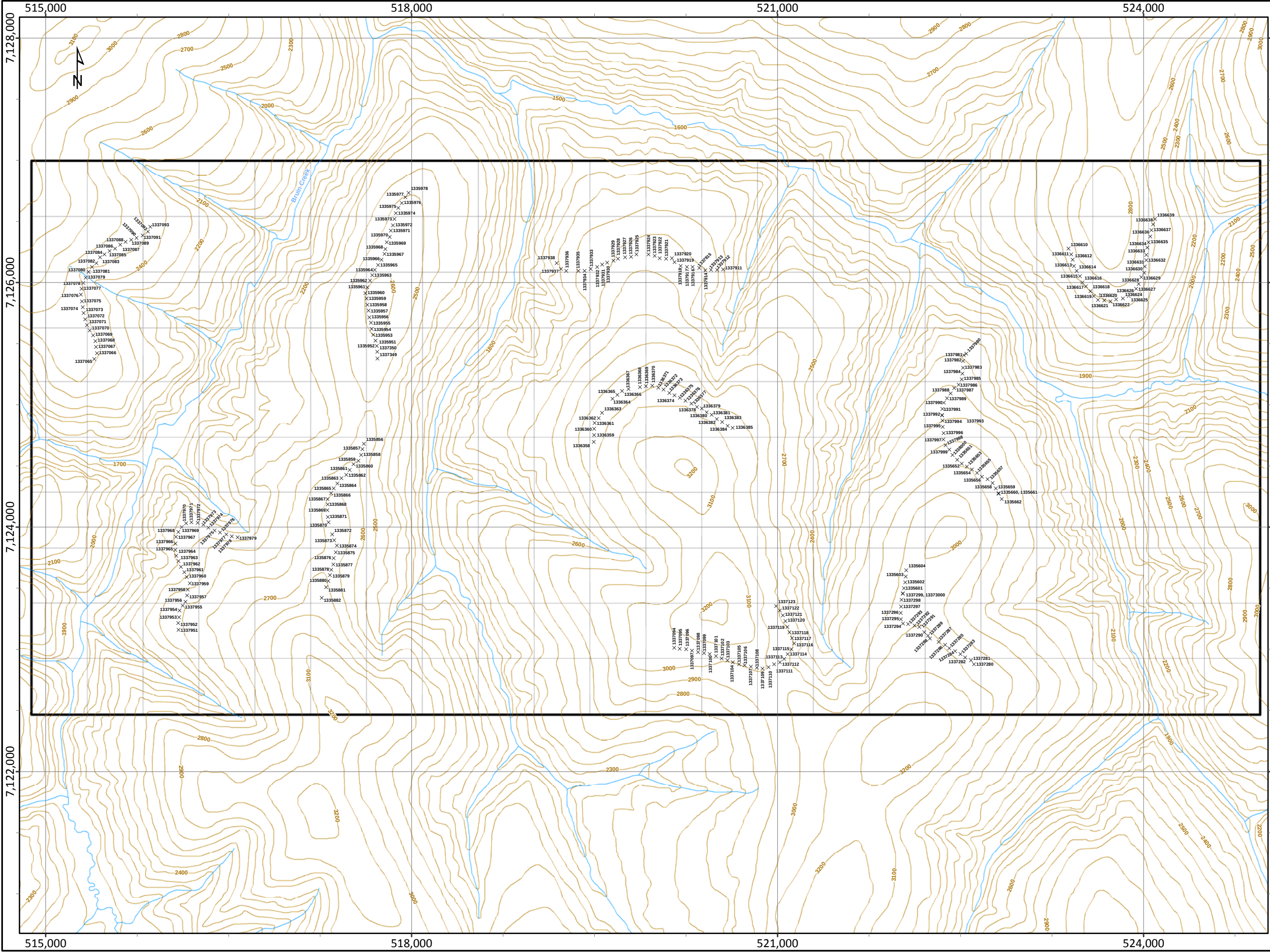
* Solubility of some elements will be limited by mineral species present.

^Detection limit = 1 ppm for 15g / 30g analysis.

Limitations:

Au solubility can be limited by refractory and graphitic samples.

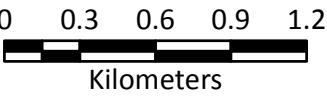
Appendix 5
Soil Geochemical Plots
for Select Elements



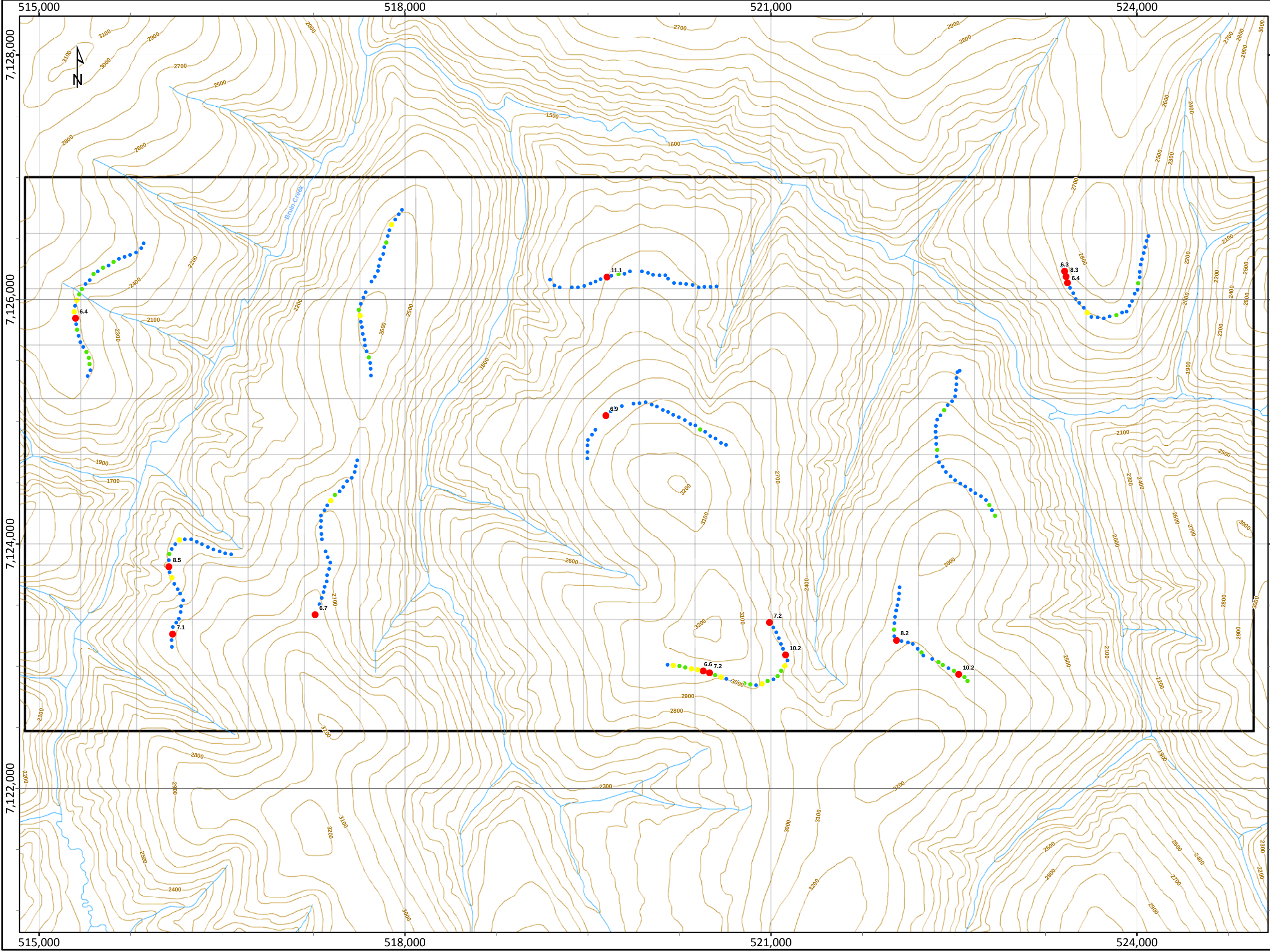
- Legend**
- GPD Property Outline
 - Quartz Claim
 - Watercourse
 - Elevation (100 feet)
 - Soil Sample Locations



Bruin Creek, Forty Mile
Soil Sample
Locations



Scale:	1:30,000	Map ID:	--
Draw Date:	2012/04/10	Rev. Date:	--
Version:	1	Figure:	Appendix S-1
Author:	E. O'Brien	Office:	Vancouver
Location:	60 km NW of Dawson City, Yukon Territory		
Projection:	NAD 1983 UTM Zone 7N		
Filename:	BUC_20120410_SoilSampleLocations		



Legend

- ◇ GPD Property Outline
- ◇ Quartz Claim
- ~ Watercourse
- Elevation (100 feet)

Au (ppb)

- 0.3 - 3.4
- 3.5 - 4.5
- 4.6 - 5.9
- 6.0 - 6.2
- 6.3 - 11.1

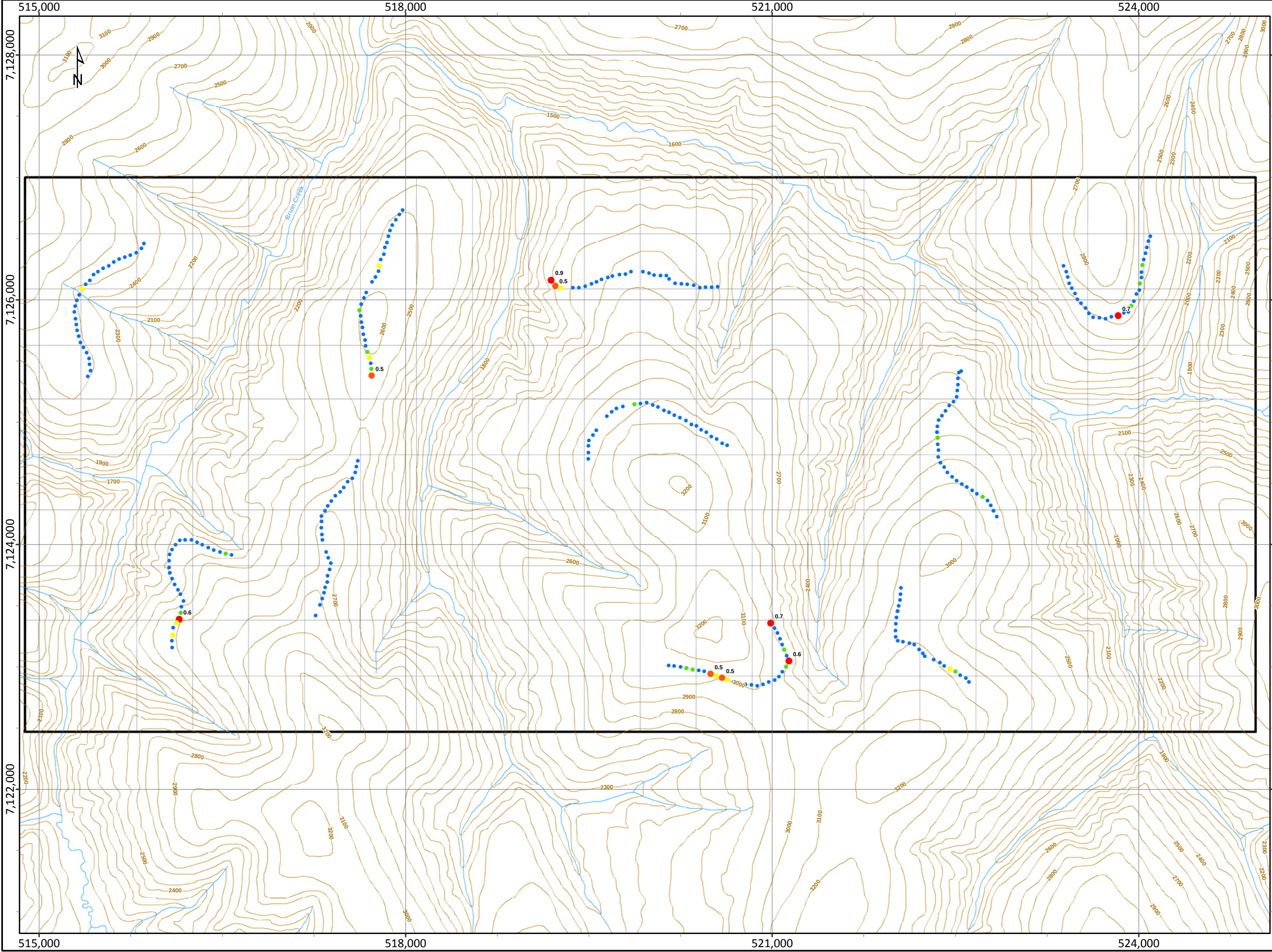


Bruin Creek, Forty Mile

Soil Sample Locations

0 0.3 0.6 0.9 1.2
Kilometers

Scale:	1:30,000	Map ID:	--
Draw Date:	2012/04/10	Rev. Date:	--
Version:	1	Figure:	Appendix 5-2
Author:	E. O'Brien	Office:	Vancouver
Location:	60 km NW of Dawson City, Yukon Territory		
Projection:	NAD 1983 UTM Zone 7N		
Filename:	BUC 20120410 Au		



Legend

- ◇ GPD Property Outline
- ◇ Quartz Claim
- ~ Watercourse
- Elevation (100 feet)

Ag (ppm)

- 0.1 - 0.2
- 0.3
- 0.4
- 0.5
- 0.6 - 3.0

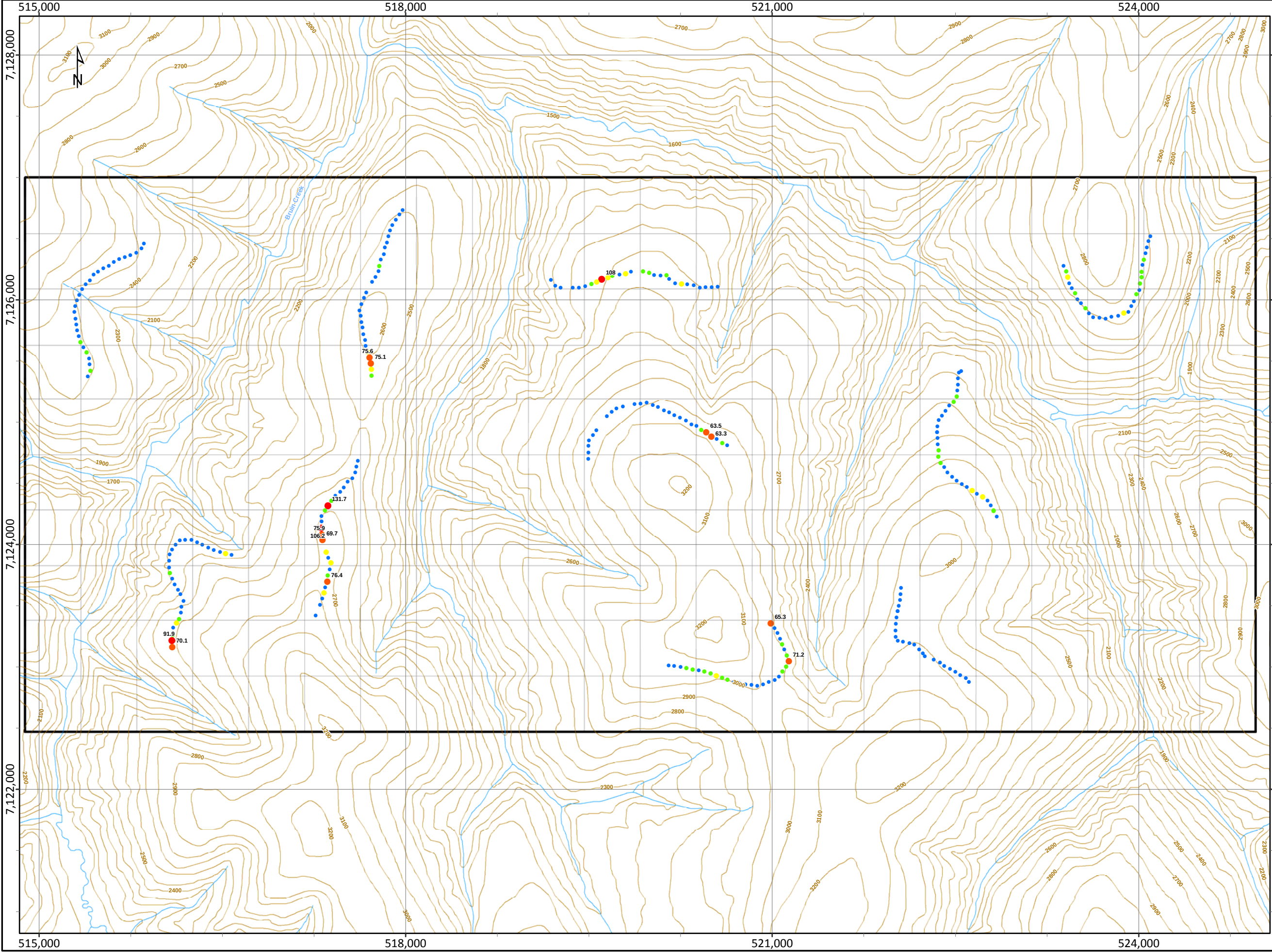


Bruin Creek, Forty Mile

Soil Sample Locations

0 0.3 0.6 0.9 1.2
Kilometers

Scale:	1:30,000	Map ID:	--
Draw Date:	2012/04/10	Rev. Date:	--
Version:	1	Figure:	Appendix 5-3
Author:	E. O'Brien	Office:	Vancouver
Location:	60 km NW of Dawson City, Yukon Territory		
Projection:	NAD 1983 UTM Zone 7N		
Filename:	BUC 20120410_Ag		



Legend

- GPD Property Outline
- Quartz Claim
- Watercourse
- Elevation (100 feet)

Cu (ppm)

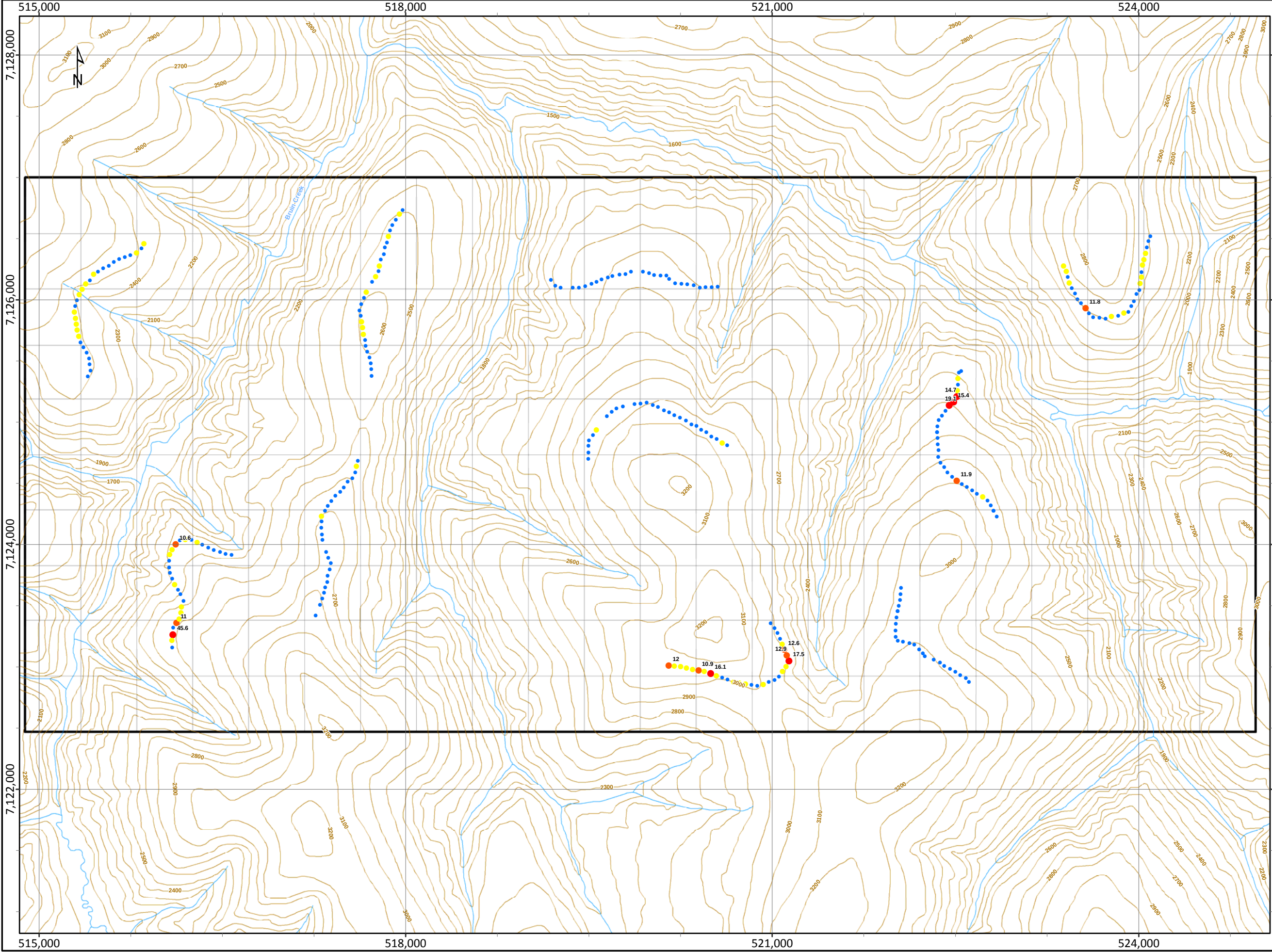
- 9 - 42
- 43 - 54
- 55 - 63
- 64 - 77
- 78 - 132



Bruin Creek, Forty Mile
Soil Sample
Locations



Scale:	1:30,000	Map ID:	--
Draw Date:	2012/04/10	Rev. Date:	--
Version:	1	Figure:	Appendix 5-4
Author:	E. O'Brien	Office:	Vancouver
Location:	60 km NW of Dawson City, Yukon Territory		
Projection:	NAD 1983 UTM Zone 7N		
Filename:	BUC 20120410 Cu		



Legend

- ◇ GPD Property Outline
- ◇ Quartz Claim
- ~ Watercourse
- Elevation (100 feet)

Ars (ppm)

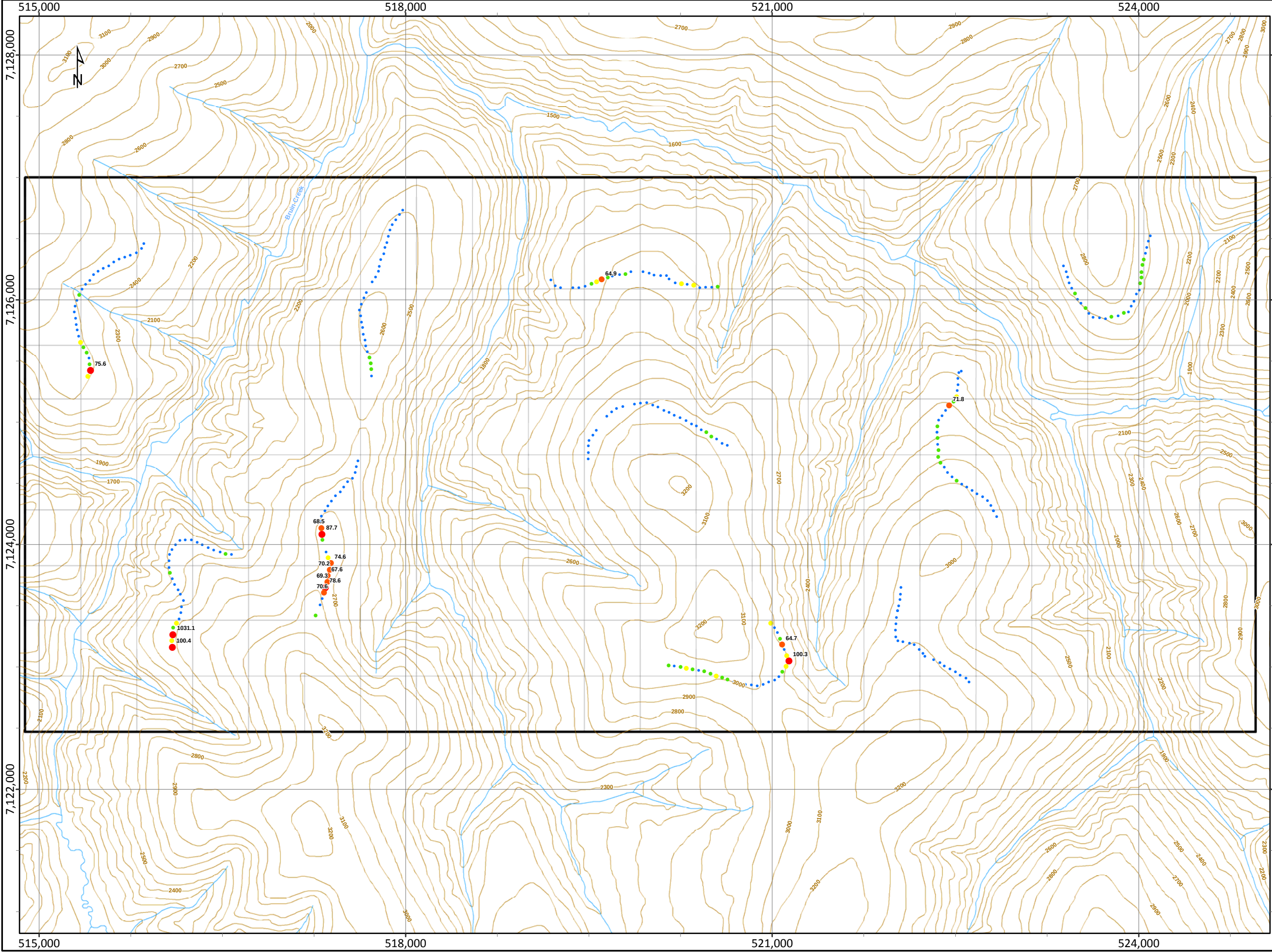
- 0.3 - 7.5
- 7.6 - 7.5
- 7.6 - 10.5
- 10.6 - 13.4
- 13.5 - 45.6



Bruin Creek, Forty Mile

Soil Sample Locations

Scale:	1:30,000	Map ID:	--
Draw Date:	2012/04/10	Rev. Date:	--
Version:	1	Figure:	Appendix 5-5
Author:	E. O'Brien	Office:	Vancouver
Location:	60 km NW of Dawson City, Yukon Territory		
Projection:	NAD 1983 UTM Zone 7N		
Filename:	BUC 20120410 As		



Legend

- ◇ GPD Property Outline
- ◇ Quartz Claim
- ~ Watercourse
- Elevation (100 feet)

Ni (ppm)

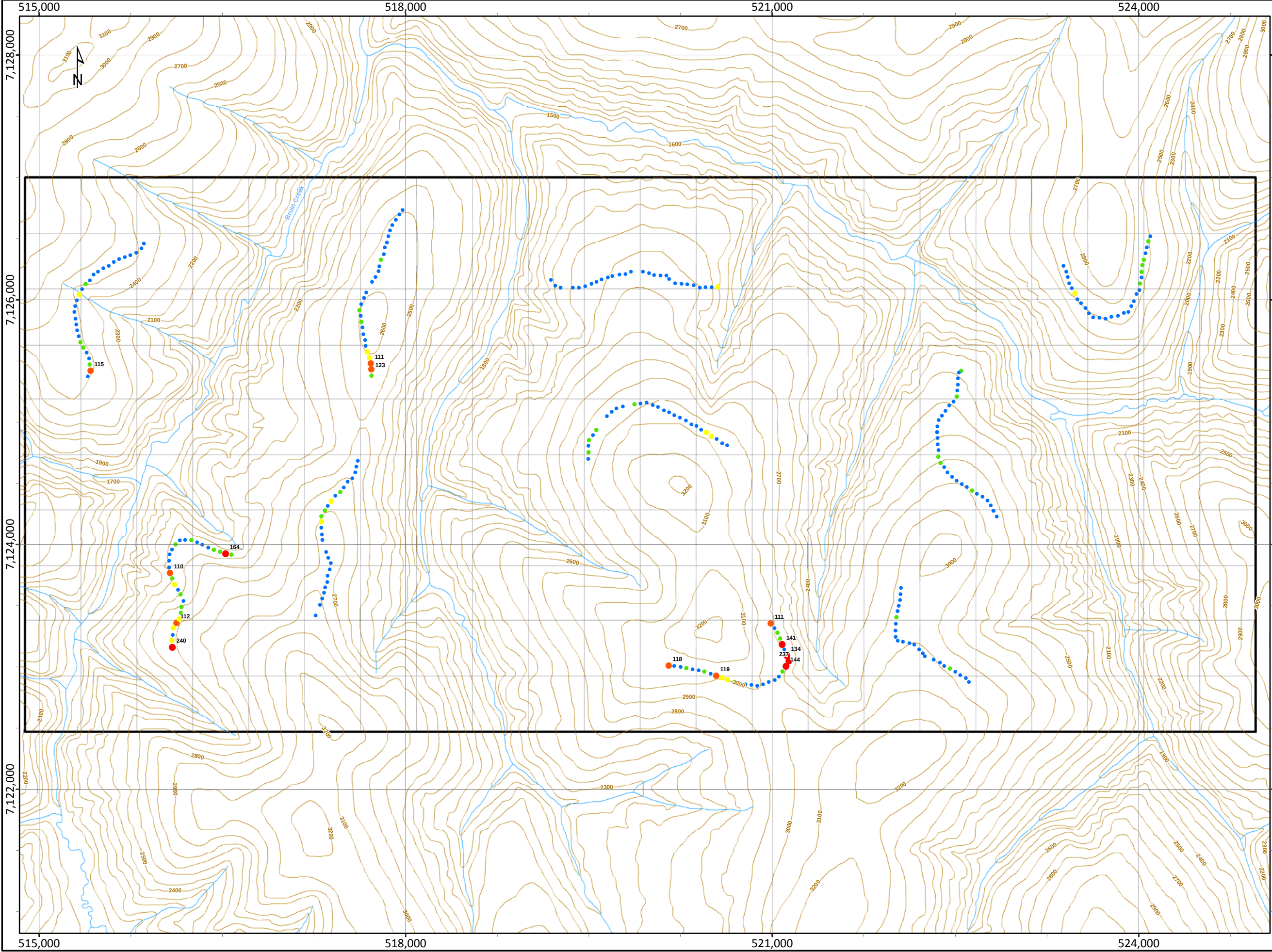
- 3.8 - 32.8
- 32.9 - 48.7
- 48.8 - 63.9
- 64.0 - 74.9
- 75.0 - 1031.1



Bruin Creek, Forty Mile

Soil Sample Locations

Scale:	1:30,000	Map ID:	--
Draw Date:	2012/04/10	Rev. Date:	--
Version:	1	Figure:	Appendix 5-6
Author:	E. O'Brien	Office:	Vancouver
Location:	60 km NW of Dawson City, Yukon Territory		
Projection:	NAD 1983 UTM Zone 7N		
Filename:	BUC 20120410 Ni		



Legend

- GPD Property Outline
- Quartz Claim
- Watercourse
- Elevation (100 feet)

Zn (ppm)

- 9 - 71
- 72 - 90
- 91 - 108
- 109 - 126
- 127 - 240



Bruin Creek, Forty Mile

Soil Sample Locations

0 0.3 0.6 0.9 1.2
 Kilometers

Scale:	1:30,000	Map ID:	--
Draw Date:	2012/04/10	Rev. Date:	--
Version:	1	Figure:	Appendix 5-7
Author:	E. O'Brien	Office:	Vancouver
Location:	60 km NW of Dawson City, Yukon Territory		
Projection:	NAD 1983 UTM Zone 7N		
Filename:	BUC 20120410 Zn		