

GEOLOGICAL & GEOCHEMICAL REPORT

SOIL SURVEY

On the

MACEAST PROPERTY

Maceast 1-80: YD130921 – YD131000

NTS #: 105P04

LONG: 129°48'54.053"W LAT: 63°3'33.463"N

WATSON LAKE MINING DISTRICT

Work Performed: August 3rd – 7th, 2012

Date of Report: 20 November 2012

AUTHOR OF REPORT: Dan Lake, BSc



666 Burrard Street,
Suite 600

Vancouver, British Columbia, V6C 2X8

Executive Summary

The MacEast property was staked by Ryan Gold Corp. in March 2011. The property consists of 80 contiguous Quartz Mining claims that comprise a 1620 hectare claim block. The property is only helicopter accessible with the most efficient staging area being located along the Canol road. This can reduce the helicopter flying distance to approximately 15 kilometers to access the site. No previous exploration has been recorded or found on the property however the proximal area is well-known for Pb-Zn deposits. The Howards Pass and Mactung deposits are located within 70 kilometers of the MacEast property. Ryan Gold Corp. conducted a 328 soil sampling program that sampled all major ridges and creekside contours.

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1.0 Introduction

The 2012 soil sampling program by Ryan Gold Corp. on the MacEast property was conducted between August 3rd 2012 & August 7th 2012. 863 soil samples were collected during this time on a grid situated in the eastern corner of the property. The grid was measured with 50 meter sample spacing and 100 meter line spacing. All soil samples were sent to Acme Labs in Vancouver for analysis following the completion of the program.

2.0 Location & Access

The MacEast property is located in the east Yukon, 380 kilometers northeast of Whitehorse and 185 kilometers northeast of Ross River. The northeast corner of the property touches the Yukon – Northwest Territories border. The property is located in the Watson Lake mining district and solely on the map sheet 105P04. The central area of the property is located at 129°48'54.053"W and 63°3'33.463"N.

The site is most easily accessible by driving 187 km's along the Canol Road from Ross River. A staging area was set up along the Canol Road where a 15 kilometer helicopter flight directly to the east was needed to access the property. Movement around the property is restricted to helicopter as there is no roads constructed on site. Winter access of the property would be possible using snow-machines along the Canol road and a helicopter.

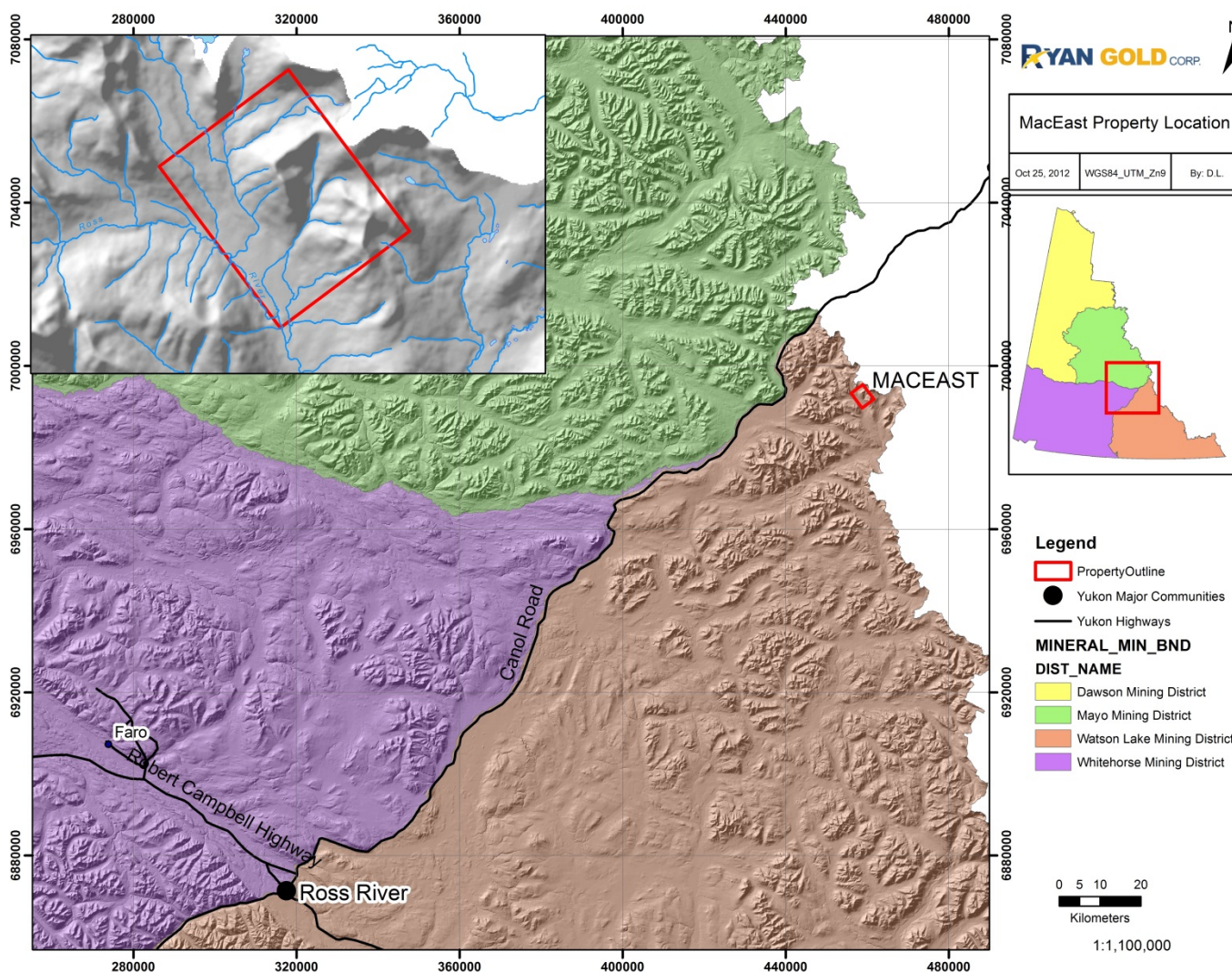


Figure 1: MacEast property location map.

3.0 Claim Information

The MacEast property is a contiguous block of 80 Quartz Mining Claims covering 1620 hectares. These claims are 100% owned by Ryan Gold Corp.

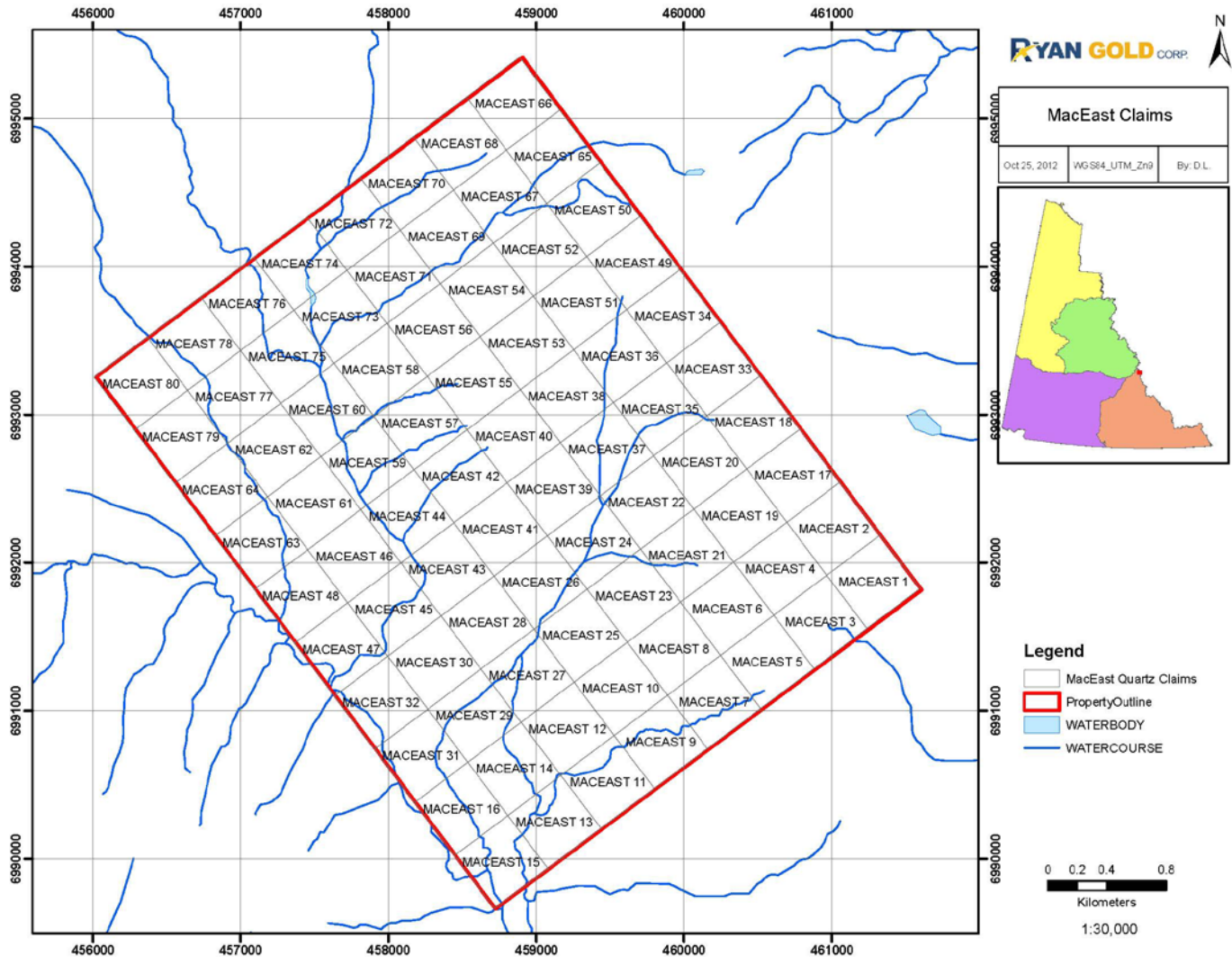


Figure 2: MacEast property claim map.

3.0 Physiography & Climate

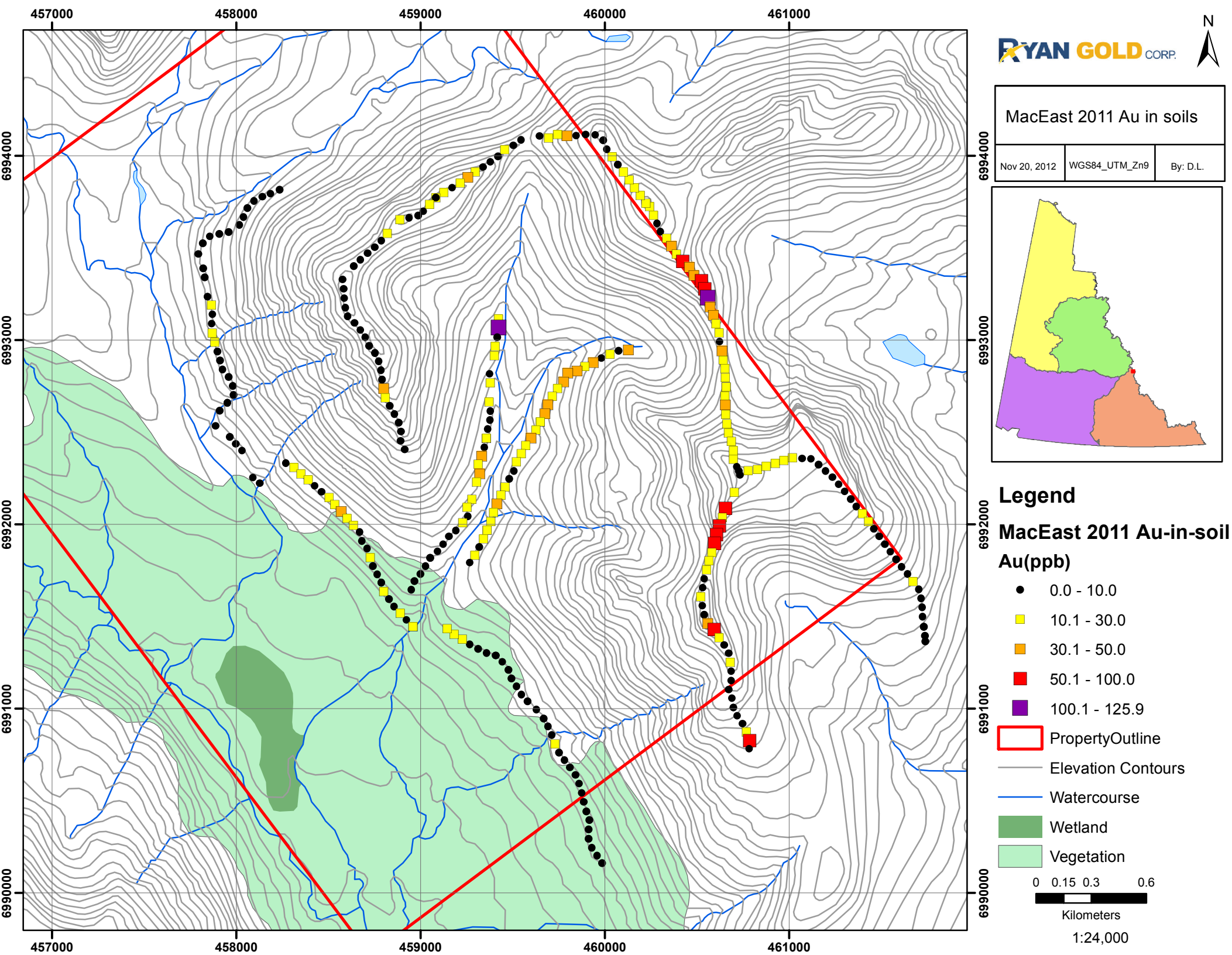
The closest significant settlement to the MacEast property is Ross River and average climate statistics are based from there. The average temperature in July is 13.6 °C, with daily maximums reaching an average of 20.9 °C. The average temperature in January is -27.5 °C with daily highs reaching an average of -21.8 °C. The average annual rainfall is equal to 161.3 mm and the average snowfall is 98 cm. The property is defined by glacially altered mountain peaks, ridges, plateaus and valleys. The elevation on the MacEast property ranges from a maximum of 2060 meters to a low of 1300 meters. The south-west corner of the property, below 1400 meters, is vegetated with alders, willows and “buck-brush.” The high elevation is covered in alpine meadows and ridges with talus and very sparse “knobs” of outcropping rock.

5.0 Exploration History

The MacEast property is located near the historic Howards Pass and Macmillan Pass districts which are well known for previous zinc-lead-silver exploration. There are no Minfiles contained within the property boundary but the immediate area has numerous. Towards the north-west several deposits have been identified by extensive exploration. The most significant is the Mactung deposit (Yukon Geological Survey, 2009) which is located 30 kilometers to the northwest of the MacEast property. The property is owned by North American Tungsten Corporation Ltd and the feasibility study has already been completed on the project. The Howards Pass deposit is located 70 kilometers south east of the property. This property is held by Selwyn Resources and Chihong Mining Ltd. in a joint venture. The project is approaching being advanced to the bankable feasibility stage.

No extensive prospecting or exploration has been conducted on the property previous to the 2011 soil sampling program. The property however contains 4 stream-sediment samples from the Yukon Regional Geochemical Database (2003). The property was staked in 2011 based on anomalous results from this geochemical survey. The highest value found on the property was equal to 14 ppb Au.

328 soil samples were taken on the property in 2011. The program was run by Ground Truth Exploration Inc. The MacEast property returned maximum Au-in-soil values of 125.9ppb and 117.7 ppb Au.



6.0 Geology

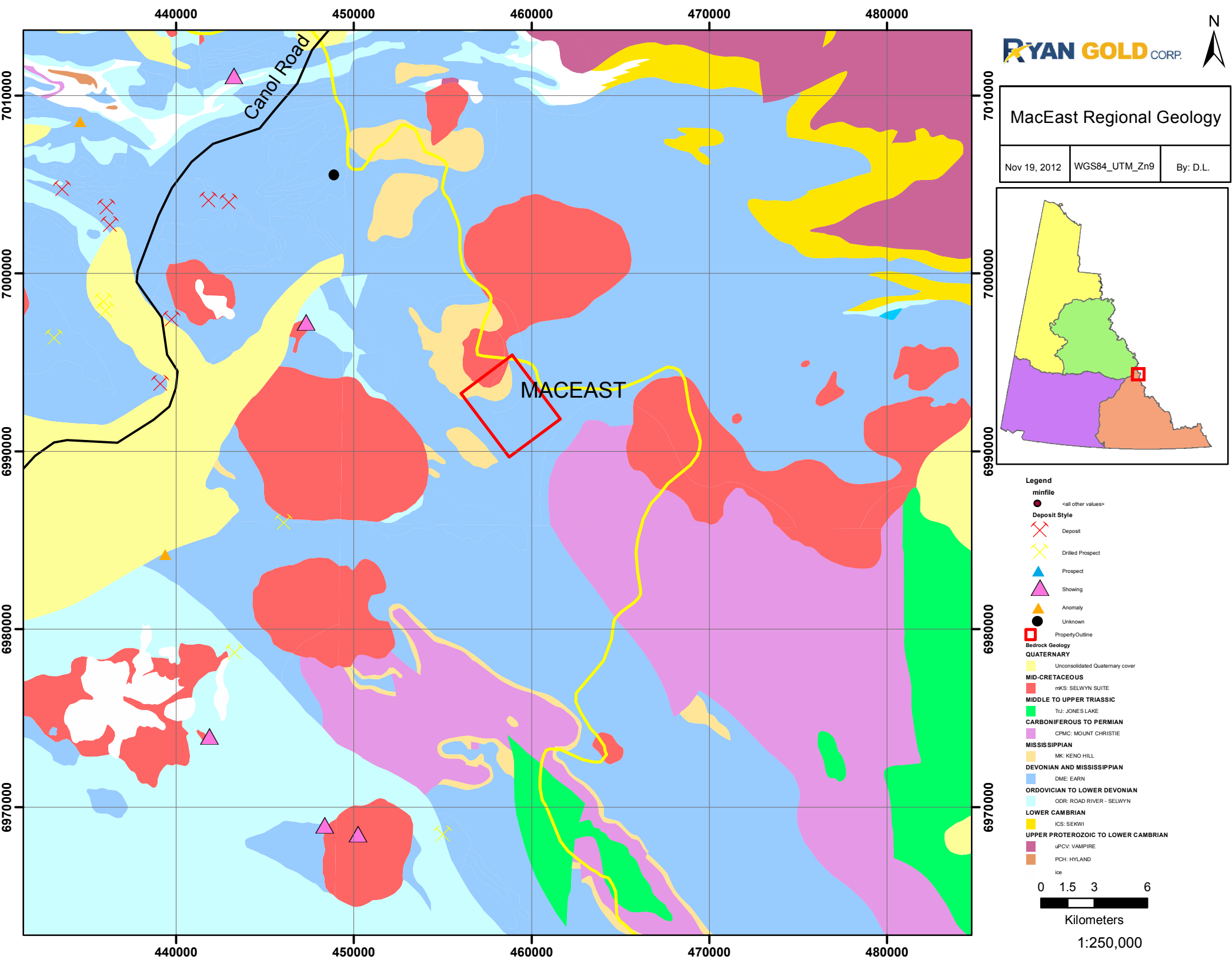
6.1 Regional Geology

The MacEast claim blocks lie within the miogeocline of the Selwyn Basin with the MacKenzie carbonate platform to the west and the Cassiar platform towards the east. According to Nelson and Colpron (2007) the Selwyn Basin is a rift controlled, deep-marine embayment of uppermost Proterozoic and lower Paleozoic basinal strata along the outer margin of ancestral North America (Open File 5438). The Cambrian to Middle Devonian strata represent a west-facing miogeocline that developed along the subsiding margin of Laurentia following Late Proterozoic rifting. From west to east with the miogeocline we typically get a thinner, argillite-dominated basinal facies, then a westward thickening carbonate-dominated shelf slope sequence, then a thin mainly clastic platformal sequence.

The oldest bedrock exposed in the region includes Neoproterozoic to early Cambrian medium grained sandstone, calcareous sandstone and minor limestone of the Yusezyu Formation - the basal unit of the Hyland Group which defines the Selwyn Basin (Gordey and Anderson, 1993). In the southeast Yukon, proximal to the border with NWT, units of the Yusezyu Formation grade upward at the basin to platform edge, into the time equivalent Lower Cambrian Gull Lake Formation (ICG). The Gull Lake Formation consists of a dominantly fine grain clastic assemblage with local volcanic units. Transgression of the sea onto the passive margin in the Upper Cambrian to Ordovician resulted in deposition of thinly bedded, basinal limestone assemblage of the Rabbitkettle Formation (COR). Following this transgression, in late Ordovician through early Devonian, the Selwyn Basin was dominated by sedimentation of the Road River Group (ODR). The Road River Group consists of a thick package of black siliceous, fissile mudstone, chert and siltstone (Cecile and Norford, 1991).

As sedimentation ensued, percolation of metal-rich brines through seafloor springs onto the basin floor likely led to the precipitation and preservation of stratiform lead-zinc deposits within the Selwyn Basin (e.g. Howard's Pass and Anvil Range). During the mid-Devonian (~390 Ma) a rise in sea level forced the west Laurentian coastline to migrate inland (eastward) resulting in the submergence of the Selwyn Basin and deposition of black shale and siltstone beds with lenses of sandstone in eastern and northern Yukon (Gordey, 1991). Uplift and erosion in the region of central Yukon at that time resulted in the production and deposition of the Earn Group (DME). The Devonian to Mississippian Earn Group consists of a complex assemblage of submarine fan and channel deposits varying between a thinly bedded laminated argillite, medium grained chert-quartz arenite and a thick bedded chert-pebble conglomerate.

The convergence and accretion of continental and oceanic terranes in the western margin of North America beginning in the middle Jurassic and has resulted in fold and thrust style of deformation (Selwyn Fold Belt) within shale-siltstone dominated, relatively incompetent strata of the Selwyn Basin (Nelson and Colpron 2007). The Selwyn Basin contains north striking zones of extension and northwesterly striking dextral faults into the Tombstone strain zone and northwest verging Tombstone and Robert Service thrusts (Murphy, 1997; Gabrielse et al., 2006). The Early and mid-Cretaceous Tombstone, Mayo and Tungsten belt intrusions may be lithospheric melts emplaced during the final stages of extension (Mair et al., 2006).



6.2 Property Geology

The MacEast claim is centered on a battleship grey, very fine grained basalt which displays flow banding and elongated volcanic glass. Fine grain, siliceous andesite can be observed along the ridge top in recessed zones characterized by bright orange oxidized zones crossing perpendicular to the ridge. Oxidation is strongest in zones of quartz veining, vugs and brecciation. There is only trace pyrite visible in hand sample. Druzy, massive quartz veins containing vugs and strong oxidation is observed especially near andesite. Targeting any gold mineralization would best focus on the siliceous oxidized andesite units which appear to be trending approximately 140 to 160 and dipping 65 to 85 degrees.

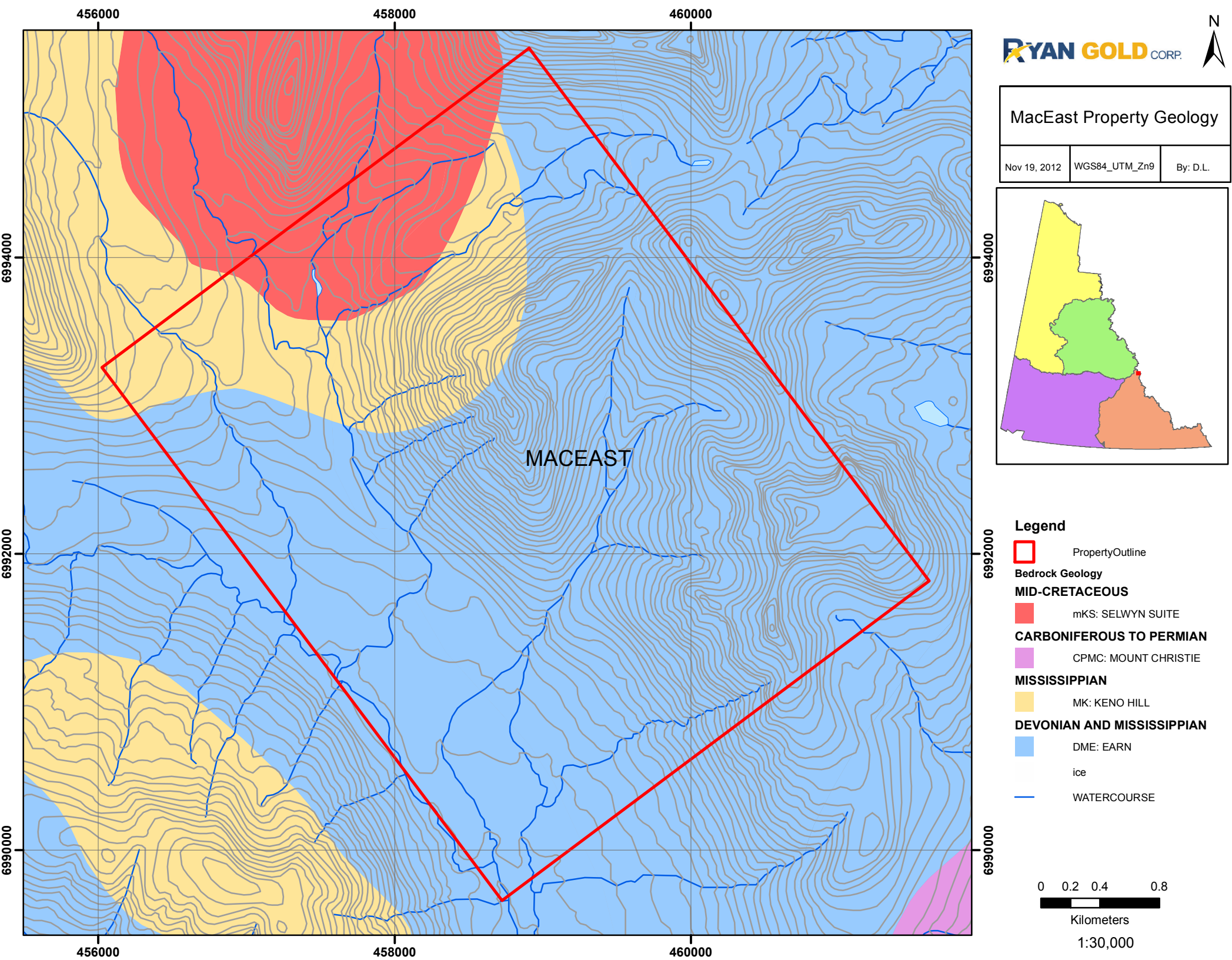
The property contains the following lithologies (Gordey, 2001);

MK: KENO HILL: massive to thick bedded quartz arenite; thin to medium bedded quartz arenite interstratified with black shale or carbonaceous phyllite; local scour surfaces and shale intraclasts; locally foliated and lineated (Keno Hill Quartzite).

DME: EARN: complex assemblage of submarine fan and channel deposit, within black siliceous shale and chert , and including separated small occurrences of felsic volcanic rocks ; barite common, and many occurrences of stratiform Pb-Zn.

mKS: SELWYN SUITE: plutonic suite of intermediate to more felsic composition and rarely syenitic ; equivalent felsic dykes; complete compositional gradation so that these designations are somewhat arbitrary.

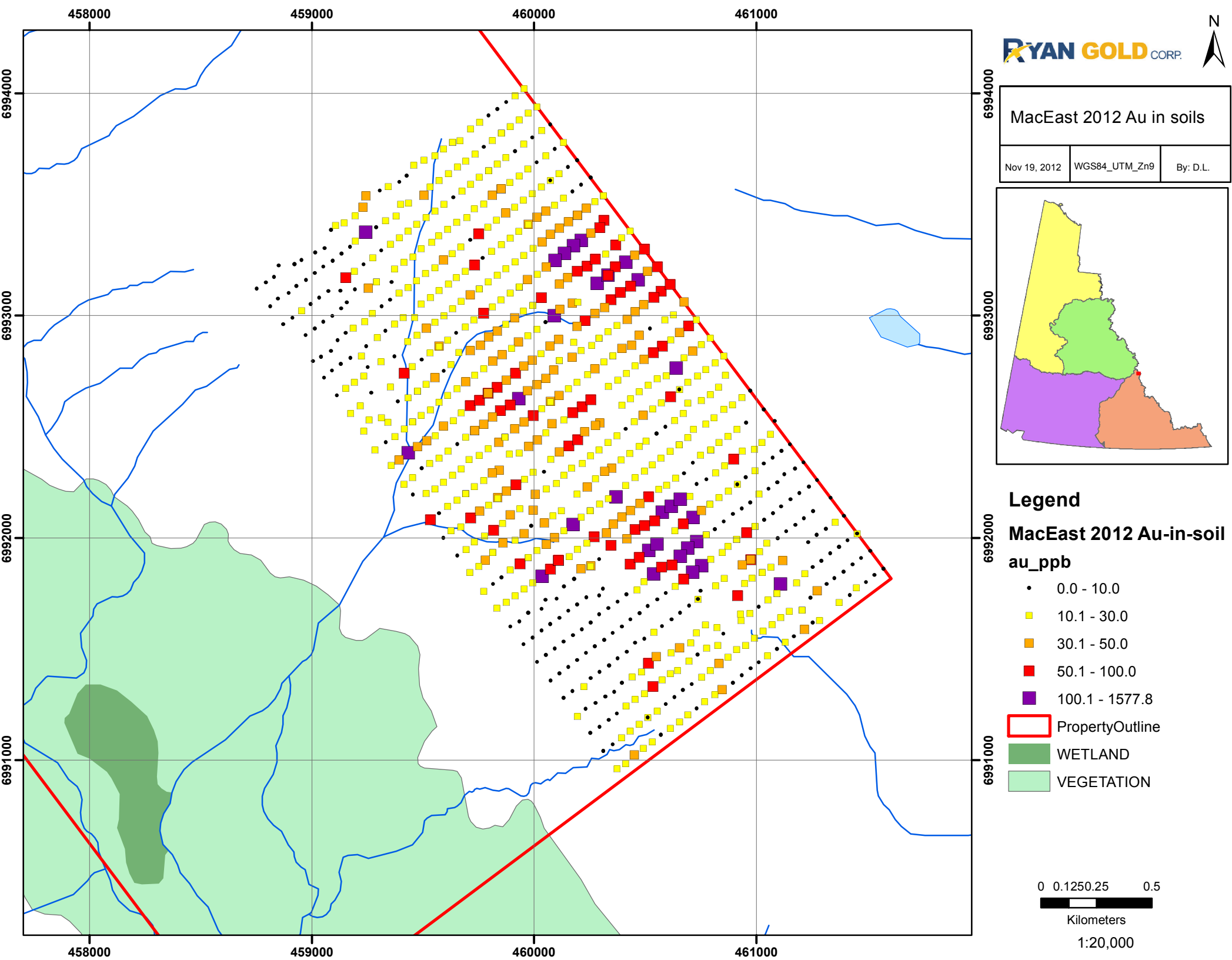
CPMC: MOUNT CHRISTIE: burrowed, interbedded greenish grey cherty shale and green shale; thin to medium bedded, light grey-green to black chert; black siliceous slate and siltstone; minor quartzite, limestone and dolostone; locally abundant, large grey barite



7.0 Exploration Program 2012

863 soil samples were taken on the MacEast property between August 3rd and 7th 2012. The soil sampling survey was contracted out to GroundTruth Exploration. A total of 28 man days were needed to collect the samples and 36 man days were needed including travel days and packing/preparation work.

The samples were taken in the eastern corner of the property. The soil sample lines were oriented approximately northeast – southwest, with a line spacing of 100 meters and a sample spacing of 50 meters. The sampling was contained within the Earn group formation defined by the Gordey et. al 2001 bedrock mapping.



8.0 Geochemical Analytical Procedure

8.1: Sampling Protocol and Data Handling Procedures

All sampling grids are pre-planned, with pre -specified sampling intervals equaling 50meters. Field technicians navigate to sample site using handheld GPS units. The soil sampler arrives at each sample site, identifies the most appropriate location to collect the sample and lays out a sheet of plastic (12"x20" ore bag). The soil sample is taken using an Eijklcamp brand hand auger at a depth of between 20cm and 110cm. Samplers strive to consistently collect C-Horizon sample material. Where necessary (rocky or frozen ground) a prospector's pick ('mattock') is used to obtain the sample. The soil is laid out on the sheet of plastic in the order it was recovered from the sample hole. Standardized photos are taken of the sample site- across slope, 5m from sample hole with auger inserted. With the necessary amount of soil (400-500 grams) has been collected, the deepest soil is taken and placed in a bag labeled with the 3-letter project and tagged with a unique barcode ID tag containing a unique 7 digit sample identification number. An aluminum metal tag inscribed with the sample identification number is attached to a rock or branch in a visible area at the sample site along with a length of pink flagging tape.

A field duplicate sample is taken once for every 25 samples. Both samples are given unique Sample identification number. The data for both samples is recorded and a note is made indicating the duplicate and its corresponding sample identification number.

The GPS location of the sample site is recorded with a Garmin GPSMap 60cx or 76cx GPS device in UTM NAD83 format, and the waypoint is labeled with the project name and the sample identification number.

A weather-proof handheld device equipped with a barcode scanner is used in the field to record the descriptive attributes of the sample collected. This includes: sample identification number (scanned into device at sample site), soil colour, soil horizon, slope, sample depth, ground and tree vegetation and sample quality and any other relevant information. As well, the GPS coordinates are entered into the handheld device as a secondary backup in case of GPS failure.

Each night in the field, the GPS and Palm PDA devices are downloaded to a laptop computer. The data is verified and mapped on a sampler-by-sampler basis in proprietary database auditing and mapping software. At the end of each day, the crew boss inspects all samples for size and consistency as a quality check. Each sampler then repackages all samples for shipping- barcode scanning them as they are placed into a rice bag which is sealed with a barcoded security zip tie. Samples are shipped from the field to the lab on a daily basis, tracked by the unique ID on each security seal.

A backup of the sample data is made, copied onto a USB memory stick and kept in a separate location from the laptop computer until job completion. Where possible, a backup is also sent via e-mail.

8.2: Sample Preparation and Analysis

Samples were processed by Acme Labs in Vancouver with Aqua Regia digestion and analyzed with ICP-MS for 36 elements (Acme Labs 1DX-15 gram). Samples are dried at 60°C, sieved at -80 mesh.

9.0 Exploration Results 2012

The soil sample results are displayed in Figure 6. A well-defined Au in soil anomaly was discovered on the eastern corner of the property. 72 soil samples returned Au-in-soil assays greater than 100 ppb. The top anomalous soil samples taken in 2012 were 1577.8, 773.9 and 293.1 ppb Au. Anomalous arsenic values found include 1784.2, 1718.4, 1684.2, 1667.7 ppm As and 12 other soil samples over 1000 ppm As.

Assay certificates and soil sample data are attached in the Appendices 3 & 4.

10.0 Conclusions and Recommendations

The 2012 soil sampling grid discovered a well-defined Au-in-soil anomaly in the eastern corner of the MacEast property. This anomaly extended and elevated the anomaly that was found during the ridge & spur sampling during 2011. The anomaly is solely contained in the Devonian and Mississippian Earn group. It appears that the soil anomaly lies in a relatively continuous elevation contour package. This would indicate that the mineralization may be strata-bound and where this sedimentary sequence has intersected the surface is defining the extent of the soil anomaly.

A follow up mapping program would be the next logical step in the exploration program. The goal of this mapping exercise would be to ground truth the soil anomalies and define any further targets for drilling. The approximate budget for this type of program would be approximately \$20,000.

CERTIFICATE OF WORK

Schedule C - SOIL SAMPLING PROGRAM

MACEAST Claims

SOIL SAMPLING PROGRAM:

a total of 28 man days were required for Ground Truth crews to collect 863 soils samples on the MACEAST project between Aug. 3 to 7/12

Description			Rate	Unit	Total
WAGES:					
Soil Samplers	per day		\$ 350.00	23	\$ 8,050.00
Project Forman	per day		\$ 400.00	5	\$ 2,000.00
Soil Samplers	per day		\$ 250.00		\$ -
Travel Rate: Soil Sampler- Demob	per day		\$ 250.00	6	\$ 1,500.00
Packing & Prep	per day		\$ 250.00	2	\$ 500.00
Stat Holiday	per day		\$ 250.00		\$ -
DATA MANAGEMENT & PROCESSING SERVICES:					
GIS/Job Layout/Mapping/Results Plotting	per hour		\$ 75.00	2	\$ 150.00
Data Processing: In the field	per hour		\$ 60.00	5	\$ 300.00
Database Management/Chain of Custody, Barcoded Samples	\$0.50/sample		\$ 0.50	863	\$ 431.50
Georeferenced In situ Sample & Sample Site Photos	per sample		\$ 1.00	863	\$ 863.00
QA/QC Standard & Blank Material & Standardized Insertion	per sample		\$ 0.20	863	\$ 172.60
CONSUMABLE SAMPLING SUPPLIES:					
Flagging, Metal ID Tags, Sample Bags, Ore Bags, Rice Bags, etc.	per sample		\$ 1.00	863	\$ 863.00
EQUIPMENT RENTAL (per unit, per day):					
Truck Rental: Fuel Extra	per day		\$ 150.00	6	\$ 900.00
Fuel	per km		\$ 0.40	700	\$ 280.00
Flat Deck Trailer: 10,000 lbs., 20 ft.	per day		\$ 100.00	6	\$ 600.00
Chainsaw drop kit: 1 per helicopter load, or as required	per day		\$ 35.00	5	\$ 175.00
Iridium Satellite Phone: 1 per crew, charge 10 min/day	per day&min		\$ 35.00	5	\$ 175.00
Radio: ICOM Handheld: 1 per person	per day		\$ 5.00	28	\$ 140.00
Computer/Software: 1 per camp nightly data download	per day		\$ 50.00	5	\$ 250.00
Handheld GPS/Barcode Scanner/Camera/Data Recorder	per day		\$ 15.00	28	\$ 420.00
Camp Satellite Internet	per day		\$ 20.00	0	\$ -
ACCOMODATION and FOOD:					
Remote Camp Fee: full fly camp/kitchen/generator (10 men)	per man day		\$ 35.00	28	\$ 980.00
Dawson Accomodation Fee: Samplers based in Dawson	per man day		\$ 35.00		\$ -
Food - 91 field days and 15 travel days	per man day		\$ 50.00	34	\$ 1,700.00
Pilot Room @ Burwash Landing (June 14-July 18)					
Campsite rental @ Burwash Resort (June 23-July18 - 5 men&Equip)					
EXPEDITING:					
					\$ 240.00
AIR SUPPORT:					
Trans North Helicopter, Whitehorse, YK- 14.4 hrs + FUEL	per hour+FUEL		\$ 990.00		\$ 16,472.16
ANALYTICAL ANALYSIS COSTS:					
Acme Laboratories, Vancouver, B.C./SOILS	per sample		\$ 21.00	863	\$ 18,123.00
REPORT WRITING:					\$ 1,000.00

SOIL SAMPLING PROGRAM = \$ 56,285.26

\$56,285.26

DIVIDED BY 863 SAMPLES = \$ 65.22

COST PER SAMPLE

12.0 References

<http://www.yukoncommunities.yk.ca/communities/rossriver/climate/>

Cecile, M.P. and Norford, B.S., 1991. Ordovician and Silurian assemblages; in Cambrian to Middle Devonian Assemblages, Chapter 7, *in* Geology of the Cordilleran Orogen in Canada, H. Gabrielse and C.J. Yorath (ed.); Geological Survey of Canada, Geology of Canada series, no. 4, p. 184-196.

Gabrielse, H., Murphy, D.C. and Mortensen, J.K., 2006, Cretaceous and Cenozoic dextral orogen-parallel displacements, magmatism and paleogeography, north-central Canadian Cordillera, *in* Haggart, J.W., Monger, J.W.H., and Enkin, R.J., eds., Paleogeography of the North American Cordillera: Evidence For and Against Large-Scale Displacements: Geological Association of Canada Special Paper 46, p. 255-276.

Gordey, S.P., 1991. Devonian-Mississippian clastics of the Foreland and Omineca belts; *in* Upper Devonian to Middle Jurassic Assemblages, Chapter 8 of Geology of the Cordilleran Orogen in Canada, Gabrielse, H. and Yorath, C.J. (eds.); Geological Survey of Canada, Geology of Canada series, no 4, p. 230-242.

Gordey, S.P. and Anderson, R.G., 1993. Evolution of the northern Cordilleran miogeocline, Nahanni map area (105I), Yukon and Northwest Territories; Geological Survey of Canada, Memoir 428, 214 p.

Mair, J.L., Hart, C.J.R. and Stephens, J.R., 2006, Deformation history of the northwestern Selwyn basin, Yukon, Canada: Implications for orogen evolution and mid-Cretaceous magmatism: Geological Society of America Bulletin, v. 118, p. 304-323.

Murphy, D.C., 1997, Geology of the McQuesten River region, northern McQuesten and Mayo map areas, Yukon Territory: Yukon Geological Survey, Bulletin 6, 95 p.

Nelson, J., and Colpron, M., 2007, Tectonics and metallogeny of the British Columbia, Yukon and Alaskan Cordillera, 1.8 Ga to the present, *in* Goodfellow, W. D., ed., Tectonics and Metallogeny of the British Columbia, Yukon and Alaskan Cordillera, 1.8 Ga to the Present, Special Publication 5, p. 755-791.

Gordey, S.P. and Makepeace, A.J. Makepeace, 2001, Bedrock Geology, Yukon Territory; Geological Survey of Canada, Open File 3754 and Exploration and Geological Services Division, Yukon Indian and Northern Affairs Canada, Open File 2001-1; scale 1:1 000 000

Appendix 1 - Statement of Qualifications

Daniel Jonathan Lake, BSc, G.I.T.
#5 2466 West 4th Ave
Vancouver, B.C. V6K1P3

Certificate of Author

1. I, Daniel J. Lake, G.I.T., am a Geologist in Training, employed by Ryan Gold Corp. at Suite 600 – 666 Burrard St. Vancouver, BC. V6C 2X8
2. I am a member- in-training in good standing of the Association of Professional Engineers and Geoscientists of Alberta.
3. I am a graduate of the University of Alberta with a B.Sc. (2009) in geology.
4. I have practiced my profession continuously since graduation in 2009, and have been involved in mineral exploration in Canada, Australia and Mexico.
 - a. The foregoing report is based on study of available data and company reports.

Dated at Vancouver this day the Tuesday, November 20, 2012.



Watson Lake	YD130993	MACEAST	73	RYAN GOLD CORP. - 100%	18/04/2011	28/03/2011	April 18, 2018	Active	105P04
Watson Lake	YD130994	MACEAST	74	RYAN GOLD CORP. - 100%	18/04/2011	28/03/2011	April 18, 2018	Active	105P04
Watson Lake	YD130995	MACEAST	75	RYAN GOLD CORP. - 100%	18/04/2011	28/03/2011	April 18, 2018	Active	105P04
Watson Lake	YD130996	MACEAST	76	RYAN GOLD CORP. - 100%	18/04/2011	28/03/2011	April 18, 2018	Active	105P04
Watson Lake	YD130997	MACEAST	77	RYAN GOLD CORP. - 100%	18/04/2011	28/03/2011	April 18, 2018	Active	105P04
Watson Lake	YD130998	MACEAST	78	RYAN GOLD CORP. - 100%	18/04/2011	28/03/2011	April 18, 2018	Active	105P04
Watson Lake	YD130999	MACEAST	79	RYAN GOLD CORP. - 100%	18/04/2011	28/03/2011	April 18, 2018	Active	105P04
Watson Lake	YD131000	MACEAST	80	RYAN GOLD CORP. - 100%	18/04/2011	28/03/2011	April 18, 2018	Active	105P04



1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client:

Ryan Gold Corp.

600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Submitted By: Andy Randell

Receiving Lab: Canada-Dawson City

Received: August 08, 2012

Report Date: August 14, 2012

Page: 1 of 3

CERTIFICATE OF ANALYSIS

DAW12000210.1

CLIENT JOB INFORMATION

Project: MAC
Shipment ID:
P.O. Number
Number of Samples: 32

SAMPLE DISPOSAL

PICKUP-PLP Client to Pickup Pulps
STOR-RJT-SOIL Store Soil Reject - RJSV Charges Apply

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: Ryan Gold Corp.
600 - 666 Burrard St.
Vancouver BC V6C 1H2
Canada

CC: Dave Schmidt
Isaac Fage

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
Dry at 60C	32	Dry at 60C			DAW
SS80	32	Dry at 60C sieve 100g to -80 mesh			DAW
RJSV	32	Saving all or part of Soil Reject			DAW
1DX2	31	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.
All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. 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.



Acme Analytical Laboratories (Vancouver) Ltd.

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Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client:

Ryan Gold Corp.

600 - 666 Burrard St.

Vancouver BC V6C 1H2 Canada

Project:

MAC

Report Date:

August 14, 2012

Page:

2 of 3

Part:

1 of 2

CERTIFICATE OF ANALYSIS

DAW12000210.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1273249	Soil	18.3	88.8	57.9	35	0.3	5.9	0.5	13	6.34	354.3	4.3	18.0	3.2	23	0.2	11.4	3.1	50	0.01	0.165
1273258	Soil	8.6	49.0	11.3	17	0.1	3.4	0.5	22	2.26	262.8	2.4	8.4	0.7	10	<0.1	5.2	1.5	16	0.01	0.056
1273248	Soil	10.3	36.5	104.0	40	0.3	3.9	0.1	4	3.16	186.6	9.6	20.5	7.0	165	<0.1	14.6	3.3	32	0.05	0.305
1273259	Soil	8.2	76.2	39.7	66	0.7	15.1	4.6	55	5.81	357.8	2.8	56.9	6.3	18	<0.1	9.0	1.7	24	0.01	0.084
1273242	Soil	49.7	13.7	455.5	33	2.6	3.5	0.4	9	3.02	333.4	3.9	75.4	7.7	28	0.2	21.1	3.6	59	<0.01	0.093
1273244	Soil	15.9	19.2	92.9	19	2.1	6.0	0.9	22	2.28	583.0	3.6	34.3	4.2	32	0.1	13.2	14.5	26	0.03	0.072
1273250	Soil	13.8	89.5	37.1	34	0.3	4.0	0.5	10	4.53	599.9	3.7	36.9	4.4	18	0.1	11.2	2.9	32	<0.01	0.082
1273255	Soil	9.4	63.4	24.3	17	0.2	2.6	0.4	7	3.07	417.4	2.8	17.7	5.3	12	0.1	9.3	3.1	21	<0.01	0.051
1273252	Soil	15.2	90.3	44.5	27	0.9	9.8	0.8	20	4.36	615.7	5.3	30.4	5.0	17	0.1	12.4	4.1	30	0.02	0.092
1273251	Soil	2.5	22.1	1.9	39	0.3	22.2	9.9	359	2.18	3.8	0.2	<0.5	0.7	29	0.2	0.3	<0.1	53	0.67	0.052
1273247	Soil	15.8	35.5	91.7	27	1.8	10.9	0.5	12	3.18	363.9	5.8	32.1	2.7	40	0.2	14.6	3.7	39	0.02	0.113
1273254	Soil	9.7	71.2	38.2	19	0.3	2.6	0.3	4	3.63	419.8	3.1	18.8	6.3	19	<0.1	9.4	3.0	23	<0.01	0.065
1273241	Soil	28.2	45.2	78.1	47	1.4	7.4	0.7	22	6.43	417.9	3.3	94.8	10.9	13	0.2	25.6	4.0	162	<0.01	0.193
1273246	Soil	11.4	37.5	71.2	21	1.4	2.9	0.4	9	3.17	370.9	4.5	46.5	6.9	35	0.1	14.5	3.2	25	0.01	0.090
1273240	Soil	21.8	18.9	52.1	15	1.2	8.0	0.6	14	2.55	217.4	2.3	81.9	3.2	13	<0.1	11.1	3.8	39	<0.01	0.064
1273233	Soil	37.9	58.8	49.4	24	0.4	4.5	0.3	6	5.60	339.4	2.2	59.0	6.5	4	<0.1	12.3	174.8	63	<0.01	0.047
1273239	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.
1273243	Soil	27.6	16.2	87.8	40	1.3	3.9	0.9	22	2.52	308.8	3.6	28.2	5.9	33	0.1	21.3	4.0	49	0.02	0.086
1273235	Soil	9.2	75.6	94.6	24	0.3	4.1	0.3	5	3.32	378.5	4.7	22.8	5.7	19	0.1	10.9	8.0	26	<0.01	0.106
1273228	Soil	3.8	73.8	13.3	48	0.6	14.5	1.1	20	6.28	561.1	3.1	21.3	7.0	24	<0.1	8.9	2.2	47	0.01	0.102
1273245	Soil	5.2	20.0	50.7	17	0.9	4.1	1.1	25	1.52	195.7	1.9	13.2	1.1	19	<0.1	7.1	3.4	15	0.05	0.057
1273236	Soil	13.1	94.2	30.7	15	0.2	2.5	0.4	7	3.73	568.7	4.1	14.6	5.0	12	0.2	10.5	2.9	26	<0.01	0.073
1273257	Soil	13.3	65.3	22.2	19	0.1	2.7	0.4	8	3.59	448.2	4.7	18.7	4.3	19	<0.1	7.0	2.9	21	<0.01	0.067
1273232	Soil	2.7	120.8	13.8	51	0.3	6.9	0.6	15	9.53	363.9	3.7	73.7	6.7	7	<0.1	12.7	1.6	37	<0.01	0.074
1273256	Soil	11.8	88.1	35.0	27	0.2	3.0	0.4	6	5.19	591.0	3.9	28.8	4.2	13	0.1	7.3	3.9	34	<0.01	0.079
1273230	Soil	1.8	42.6	21.5	25	0.4	27.4	3.0	2	2.05	140.4	1.6	42.0	9.9	9	<0.1	6.3	1.4	7	<0.01	0.015
1273229	Soil	33.2	72.8	49.5	13	0.9	3.6	0.5	8	4.89	410.1	2.2	82.5	6.6	9	<0.1	11.0	49.9	53	<0.01	0.035
1273253	Soil	7.8	69.1	25.7	14	0.4	2.4	0.6	16	3.24	341.5	3.0	14.8	5.8	13	<0.1	8.2	2.5	24	0.02	0.057
1273231	Soil	3.0	62.3	33.0	17	0.5	10.8	1.1	4	2.48	139.5	4.7	23.9	13.0	27	<0.1	11.4	2.2	24	<0.01	0.045
1273237	Soil	11.7	44.7	153.8	31	1.4	6.2	0.9	26	2.80	625.6	6.5	17.2	4.3	38	0.2	11.7	6.9	30	0.04	0.152



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Project: MAC
Report Date: August 14, 2012

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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
		La	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	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1273249	Soil	10	15	0.01	559	0.001	1	0.40	0.002	0.02	0.5	0.02	1.6	0.1	<0.05	4	10.0	0.3
1273258	Soil	7	8	<0.01	220	0.004	1	0.48	0.007	0.02	0.4	0.03	0.5	<0.1	<0.05	2	7.9	0.2
1273248	Soil	15	14	<0.01	3797	<0.001	5	0.51	0.001	0.03	0.7	0.01	1.5	<0.1	<0.05	2	4.5	0.2
1273259	Soil	11	13	0.01	333	0.001	1	0.33	0.004	0.03	0.1	0.01	1.6	0.1	<0.05	3	6.3	0.2
1273242	Soil	10	15	0.03	385	0.001	4	0.24	0.016	0.18	1.0	0.02	2.8	0.7	0.44	3	34.9	0.4
1273244	Soil	9	15	0.03	314	0.004	3	0.25	0.011	0.12	0.4	0.04	1.5	0.5	0.21	2	10.7	0.6
1273250	Soil	10	13	<0.01	460	<0.001	1	0.28	0.002	0.03	0.4	0.02	1.4	0.1	<0.05	3	9.3	0.6
1273255	Soil	11	10	<0.01	344	0.001	1	0.27	0.003	0.02	0.4	<0.01	1.1	0.1	<0.05	2	5.6	0.3
1273252	Soil	15	23	0.03	472	0.002	2	0.37	0.003	0.04	0.6	0.05	1.6	0.3	<0.05	3	10.9	0.5
1273251	Soil	3	28	0.69	82	0.075	2	1.26	0.064	0.10	12.1	0.01	3.7	<0.1	<0.05	5	<0.5	<0.2
1273247	Soil	16	27	0.01	786	0.001	2	0.31	0.006	0.08	0.7	0.02	0.9	0.3	0.11	2	10.3	0.3
1273254	Soil	12	12	<0.01	513	<0.001	1	0.28	0.002	0.03	0.3	<0.01	1.3	0.2	<0.05	3	6.5	0.3
1273241	Soil	11	35	0.19	335	0.001	2	0.70	0.010	0.08	0.6	0.04	4.6	0.5	0.13	7	19.5	0.6
1273246	Soil	11	11	0.01	451	0.002	2	0.24	0.008	0.09	0.5	0.02	1.3	0.4	0.12	2	9.1	0.2
1273240	Soil	10	19	0.03	242	0.003	4	0.18	0.008	0.11	1.3	0.03	1.1	0.5	0.20	2	16.7	0.5
1273233	Soil	7	59	<0.01	310	<0.001	2	0.25	0.001	0.02	0.4	<0.01	3.3	<0.1	<0.05	5	15.1	3.4
1273239	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.
1273243	Soil	10	11	0.02	292	0.002	2	0.34	0.011	0.10	0.6	<0.01	2.0	0.4	0.13	3	9.8	0.3
1273235	Soil	13	16	<0.01	556	<0.001	2	0.28	0.002	0.03	0.3	<0.01	1.9	0.1	<0.05	3	7.1	0.3
1273228	Soil	9	52	0.03	234	0.005	1	0.85	0.003	0.02	0.4	0.01	3.7	0.1	<0.05	5	5.2	<0.2
1273245	Soil	7	9	0.03	169	0.006	<1	0.30	0.013	0.05	0.2	0.02	0.6	0.3	<0.05	2	4.7	0.2
1273236	Soil	11	14	<0.01	379	<0.001	<1	0.24	0.002	0.02	0.3	<0.01	1.7	<0.1	<0.05	3	6.9	0.4
1273257	Soil	11	8	<0.01	451	<0.001	<1	0.25	0.001	0.01	0.5	<0.01	0.8	0.1	<0.05	2	10.4	0.4
1273232	Soil	11	26	<0.01	467	0.002	4	0.33	0.002	0.02	0.3	0.02	6.3	<0.1	<0.05	5	14.7	0.6
1273256	Soil	9	14	<0.01	331	0.002	<1	0.32	0.002	0.02	0.2	<0.01	1.6	0.2	<0.05	3	8.9	0.5
1273230	Soil	15	11	<0.01	589	<0.001	3	0.35	0.002	0.01	<0.1	<0.01	1.8	<0.1	<0.05	3	4.3	0.2
1273229	Soil	12	40	0.01	626	0.001	4	0.29	0.002	0.03	0.4	<0.01	2.2	<0.1	<0.05	6	14.2	1.1
1273253	Soil	15	11	0.01	374	0.002	1	0.37	0.006	0.03	0.4	<0.01	1.1	0.2	<0.05	3	6.0	0.3
1273231	Soil	24	26	<0.01	843	<0.001	2	0.45	0.002	0.02	0.1	0.01	4.0	0.1	<0.05	4	10.5	0.2
1273237	Soil	13	19	0.04	834	0.004	2	0.36	0.006	0.04	0.5	0.02	1.8	0.2	<0.05	2	6.2	0.5



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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	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1273238	Soil	13.8	31.9	171.4	33	1.5	7.2	1.1	29	2.31	911.5	6.8	20.1	3.7	38	0.2	13.1	10.2	32	0.04	0.150
1273234	Soil	49.3	66.8	43.3	33	0.6	6.9	0.6	7	4.65	292.6	4.1	42.9	8.7	12	<0.1	16.2	97.7	53	<0.01	0.058



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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
		La	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	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1273238	Soil	13	18	0.06	524	0.004	1	0.43	0.008	0.06	0.6	0.02	2.0	0.3	<0.05	2	6.9	0.6
1273234	Soil	17	67	<0.01	574	0.003	2	0.51	0.003	0.03	<0.1	<0.01	4.2	0.1	<0.05	7	15.4	2.0



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QUALITY CONTROL REPORT

DAW12000210.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																					
1273255	Soil	9.4	63.4	24.3	17	0.2	2.6	0.4	7	3.07	417.4	2.8	17.7	5.3	12	0.1	9.3	3.1	21	<0.01	0.051
REP 1273255	QC	9.9	63.4	24.5	17	0.3	2.6	0.3	7	3.09	423.5	2.7	23.5	5.3	13	<0.1	9.3	3.1	21	<0.01	0.053
Reference Materials																					
STD DS9	Standard	12.7	103.1	122.1	300	1.8	42.0	7.8	562	2.29	23.2	2.4	111.9	5.6	59	2.3	5.2	6.1	39	0.68	0.077
STD DS9 Expected		12.84	108	126	317	1.83	40.3	7.6	575	2.33	25.5	2.69	118	6.38	69.6	2.4	4.94	6.32	40	0.7201	0.0819
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001



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QUALITY CONTROL REPORT

DAW12000210.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
1273255	Soil	11	10	<0.01	344	0.001	1	0.27	0.003	0.02	0.4	<0.01	1.1	0.1	<0.05	2	5.6	0.3
REP 1273255	QC	11	10	<0.01	351	<0.001	2	0.28	0.003	0.03	0.3	<0.01	1.1	0.1	<0.05	2	6.0	0.3
Reference Materials																		
STD DS9	Standard	12	120	0.61	272	0.096	2	0.87	0.077	0.33	3.0	0.21	2.3	5.6	0.13	4	5.6	5.6
STD DS9 Expected		13.3	121	0.6165	295	0.1108		0.9577	0.0853	0.395	2.89	0.2	2.5	5.3	0.1615	4.59	5.2	5.02
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2



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Submitted By: Andy Randell

Receiving Lab: Canada-Dawson City

Received: August 13, 2012

Report Date: August 23, 2012

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CERTIFICATE OF ANALYSIS

DAW12000224.1

CLIENT JOB INFORMATION

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

SAMPLE DISPOSAL

PICKUP-PLP Client to Pickup Pulps
STOR-RJT-SOIL Store Soil Reject - RJSV Charges Apply

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: Ryan Gold Corp.
600 - 666 Burrard St.
Vancouver BC V6C 1H2
Canada

CC: Dave Schmidt
Isaac Fage

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
RJSV	320	Saving all or part of Soil Reject			DAW
1DX2	320	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only. All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. 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

DAW12000224.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		ppm 0.1	ppm 0.1	ppm 0.1	ppm 1	ppm 0.1	ppm 0.1	ppm 0.1	ppm 1	% 0.01	ppm 0.5	ppm 0.1	ppb 0.5	ppm 0.1	ppm 1	ppm 0.1	ppm 0.1	ppm 0.1	ppm 2	% 0.01	% 0.001
1273537	Soil	2.4	78.4	28.3	63	0.4	18.2	3.1	45	5.43	765.4	2.7	27.7	7.0	14	0.1	5.5	10.9	19	<0.01	0.075
1273546	Soil	23.5	52.9	195.0	150	1.3	22.8	4.1	63	3.98	389.1	4.5	33.8	5.7	34	0.4	19.2	2.6	90	0.02	0.125
1273545	Soil	15.2	26.9	52.7	80	0.7	10.8	2.4	55	2.25	213.7	1.9	16.2	2.5	15	0.1	10.6	1.1	54	0.03	0.075
1273533	Soil	2.0	100.4	83.4	77	3.6	15.5	2.2	42	9.63	1579	4.6	124.2	14.4	25	0.3	22.4	34.5	27	<0.01	0.135
1273531	Soil	0.5	45.7	189.3	80	0.2	8.7	1.1	19	7.64	1718	4.0	66.2	13.8	10	0.2	59.9	42.2	11	<0.01	0.090
1273543	Soil	7.3	59.7	33.8	75	0.3	15.8	2.4	34	5.94	146.7	2.2	11.7	6.2	14	0.1	8.4	2.7	41	<0.01	0.098
1273558	Soil	3.2	58.0	24.8	56	0.4	17.0	1.6	44	3.42	174.6	1.8	18.6	5.2	16	<0.1	7.6	2.3	32	<0.01	0.067
1273538	Soil	2.5	119.8	34.6	97	0.7	31.3	5.4	98	8.64	1001	3.9	48.0	6.8	25	0.2	6.7	12.3	30	0.01	0.128
1273534	Soil	1.2	98.9	109.1	87	0.9	15.6	2.3	45	11.37	1668	4.3	72.7	8.0	17	0.3	27.8	29.1	27	<0.01	0.152
1273548	Soil	2.9	14.4	25.5	13	1.3	4.3	0.9	39	0.96	122.7	1.4	17.7	2.3	28	<0.1	4.2	1.4	16	0.05	0.059
1273535	Soil	1.5	86.0	98.5	76	1.3	14.3	2.4	44	6.47	1784	4.7	72.7	8.6	26	0.3	18.9	30.9	12	<0.01	0.099
1273550	Soil	7.4	54.2	27.7	28	0.8	6.1	0.7	27	3.11	251.9	2.2	30.3	3.2	23	<0.1	5.8	5.2	30	0.01	0.070
1273554	Soil	7.8	65.8	16.9	38	0.6	5.9	0.6	22	5.59	264.5	1.9	22.2	6.1	10	<0.1	5.9	4.1	49	0.01	0.060
1273542	Soil	11.0	62.9	85.4	111	0.6	18.8	2.1	59	5.97	180.7	2.8	23.4	6.5	18	0.2	13.3	1.9	63	<0.01	0.120
1273549	Soil	4.2	68.0	20.2	45	0.5	12.0	2.4	52	3.65	213.9	2.2	18.4	5.4	24	<0.1	4.3	4.6	35	0.02	0.077
1273560	Soil	4.6	35.9	40.0	66	0.3	12.6	1.7	73	4.90	189.0	1.5	9.3	8.1	14	<0.1	4.2	2.2	46	<0.01	0.097
1273552	Soil	6.5	57.2	30.2	65	0.8	17.1	2.8	76	4.11	226.1	2.3	23.4	6.5	26	0.2	6.8	4.1	35	0.02	0.096
1273547	Soil	4.5	38.8	35.9	17	2.0	3.7	0.9	37	2.07	226.1	2.1	32.1	1.3	30	<0.1	4.9	1.3	38	0.03	0.079
1273557	Soil	3.6	44.0	39.6	37	0.7	11.3	1.0	36	3.41	274.9	1.6	22.3	5.0	17	<0.1	6.1	5.8	28	<0.01	0.064
1273553	Soil	7.2	93.2	26.7	61	0.8	12.7	1.6	43	7.33	310.3	2.4	20.0	7.1	25	<0.1	6.6	6.3	54	0.01	0.135
1273551	Soil	2.2	21.8	2.1	38	0.3	20.3	8.7	371	2.15	4.0	0.2	0.6	0.7	33	0.1	0.2	0.1	51	0.73	0.050
1273544	Soil	13.5	55.9	68.7	74	1.3	12.3	2.6	51	4.15	347.6	3.7	44.3	6.7	39	0.4	12.4	3.0	48	0.01	0.129
1273555	Soil	3.1	51.7	27.2	37	1.5	12.1	0.9	55	3.01	210.1	1.9	15.1	5.6	28	<0.1	5.0	4.4	37	<0.01	0.074
1273532	Soil	0.3	55.6	75.3	76	0.3	9.4	1.2	31	13.26	1254	3.9	30.4	8.3	6	0.2	17.9	18.3	38	<0.01	0.184
1273556	Soil	3.2	42.0	27.3	30	0.2	7.6	0.7	16	2.99	196.3	1.5	17.0	6.0	15	<0.1	6.1	2.6	35	<0.01	0.052
1273541	Soil	4.9	67.2	40.0	85	0.6	20.6	2.4	43	4.30	128.0	2.1	10.0	6.2	18	0.1	12.1	1.7	38	<0.01	0.090
1273536	Soil	2.6	138.1	36.1	93	1.0	23.7	4.5	70	9.38	985.1	3.2	255.1	6.6	22	0.2	6.2	7.7	24	<0.01	0.139
1273540	Soil	1.6	93.8	17.3	87	1.1	63.7	6.1	186	4.37	240.5	1.6	152.3	4.6	29	0.1	2.6	16.6	65	0.04	0.073
1273279	Soil	1.7	71.6	17.8	147	0.4	66.8	15.0	703	3.68	82.5	2.0	13.0	4.1	10	0.1	8.9	2.3	59	0.01	0.066
1273559	Soil	3.8	31.5	71.8	80	0.5	11.8	1.9	79	4.57	144.5	1.7	11.7	6.9	19	0.1	4.5	3.7	47	<0.01	0.103



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	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
1273537	Soil	10	18	0.03	540	0.003	1	0.71	0.002	0.02	<0.1	<0.01	2.3	0.1	<0.05	3	2.1
1273546	Soil	12	17	0.03	272	0.004	7	0.54	0.010	0.09	0.6	<0.01	4.4	0.4	0.19	2	12.1
1273545	Soil	11	11	0.03	166	0.006	3	0.41	0.013	0.07	0.4	<0.01	2.1	0.3	0.12	2	8.2
1273533	Soil	10	21	0.01	340	0.006	4	0.52	0.003	0.03	0.1	0.02	2.5	0.2	<0.05	3	4.6
1273531	Soil	12	5	<0.01	401	0.001	4	0.34	<0.001	0.02	<0.1	<0.01	1.8	0.2	<0.05	<1	2.4
1273543	Soil	9	19	<0.01	243	0.002	4	0.27	0.002	0.03	0.4	<0.01	4.8	0.1	0.05	2	6.4
1273558	Soil	19	23	0.10	417	0.006	3	0.62	0.004	0.05	0.1	<0.01	2.7	0.1	0.06	3	4.3
1273538	Soil	12	27	0.14	314	0.016	<1	1.04	0.004	0.06	0.1	0.01	2.7	0.2	0.07	3	3.6
1273534	Soil	7	16	<0.01	267	0.002	3	0.53	0.001	0.01	<0.1	<0.01	2.4	<0.1	0.05	2	2.1
1273548	Soil	10	9	0.03	261	0.010	2	0.29	0.023	0.07	0.2	<0.01	1.2	0.2	0.12	1	1.9
1273535	Soil	15	10	0.01	280	0.002	7	0.44	0.002	0.03	<0.1	<0.01	1.5	0.1	<0.05	2	3.3
1273550	Soil	16	27	0.04	466	0.005	3	0.54	0.007	0.06	0.1	0.01	2.4	0.2	0.07	3	7.7
1273554	Soil	8	28	0.03	189	0.017	4	0.37	0.002	0.03	0.1	<0.01	4.5	0.1	<0.05	6	9.1
1273542	Soil	12	19	0.02	290	0.005	7	0.42	0.005	0.04	0.5	<0.01	5.4	0.2	0.07	2	9.8
1273549	Soil	18	26	0.14	465	0.011	3	0.80	0.006	0.06	0.1	0.01	3.0	0.2	<0.05	4	6.2
1273560	Soil	18	22	0.29	142	0.003	1	1.22	0.006	0.08	<0.1	<0.01	2.6	0.2	<0.05	5	2.7
1273552	Soil	14	23	0.19	397	0.017	13	0.91	0.006	0.10	0.2	0.01	3.4	0.2	0.14	4	8.8
1273547	Soil	13	11	0.02	406	0.008	7	0.42	0.013	0.07	0.3	0.03	1.2	0.2	0.11	2	4.3
1273557	Soil	17	20	0.10	278	0.007	3	0.54	0.004	0.08	0.1	<0.01	2.1	0.2	<0.05	3	5.9
1273553	Soil	14	35	0.13	357	0.015	4	1.08	0.004	0.08	0.2	<0.01	4.2	0.2	0.07	5	8.6
1273551	Soil	3	26	0.70	89	0.092	1	1.31	0.076	0.11	12.5	0.01	4.5	<0.1	<0.05	5	<0.5
1273544	Soil	15	14	0.03	464	0.004	9	0.37	0.006	0.11	0.5	0.01	3.5	0.3	0.20	3	11.6
1273555	Soil	16	31	0.23	1320	0.022	3	0.88	0.004	0.12	0.1	<0.01	3.4	0.3	0.09	4	4.7
1273532	Soil	5	7	<0.01	526	0.002	1	0.41	<0.001	<0.01	<0.1	0.01	3.4	0.1	<0.05	<1	0.8
1273556	Soil	19	17	0.03	275	0.003	2	0.39	0.002	0.04	<0.1	<0.01	1.7	0.2	<0.05	3	6.7
1273541	Soil	15	25	0.02	321	0.004	3	0.38	0.003	0.03	0.2	<0.01	5.5	0.1	<0.05	2	4.3
1273536	Soil	10	23	0.10	271	0.004	<1	0.85	0.006	0.04	<0.1	<0.01	2.2	0.1	0.05	3	3.8
1273540	Soil	15	57	0.50	1388	0.075	<1	2.15	0.009	0.21	0.2	0.01	6.2	0.5	<0.05	7	2.4
1273279	Soil	19	47	0.22	572	0.027	3	1.38	0.003	0.06	<0.1	<0.01	6.0	0.1	<0.05	6	1.6
1273559	Soil	15	23	0.30	295	0.002	4	1.22	0.008	0.10	0.1	<0.01	2.8	0.2	0.09	4	5.1



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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	1DX15
			Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
			ppm 0.1	ppm 0.1	ppm 0.1	ppm 1	ppm 0.1	ppm 0.1	ppm 0.1	ppm 1	% 0.01	ppm 0.5	ppm 0.1	ppb 0.5	ppm 0.1	ppm 1	ppm 0.1	ppm 0.1	ppm 0.1	ppm 2	% 0.01
1273283	Soil		6.7	32.0	40.7	46	0.5	17.4	1.3	56	2.94	133.8	2.1	10.8	0.8	24	0.1	5.4	1.2	62	0.03
1273539	Soil		3.5	96.3	38.6	54	1.1	14.8	2.0	49	5.49	519.4	2.7	48.0	7.8	22	<0.1	9.0	7.6	26	<0.01
1273284	Soil		5.7	98.0	56.8	132	0.5	24.6	2.8	72	11.31	202.2	3.3	7.8	6.3	20	0.2	5.4	1.4	59	0.01
1273280	Soil		2.5	43.1	18.8	67	0.3	24.6	3.9	124	3.23	112.4	1.4	12.3	2.7	13	0.1	6.6	1.5	41	0.02
1273282	Soil		3.0	53.6	27.6	77	0.5	30.6	3.8	131	3.77	280.9	1.6	24.3	2.6	20	<0.1	5.8	1.7	45	0.03
1273281	Soil		3.9	55.3	18.7	54	0.2	22.6	1.6	52	3.33	177.1	1.5	34.5	2.1	20	<0.1	5.4	4.9	44	0.01
1273276	Soil		2.9	52.0	19.9	54	0.2	21.8	2.9	108	2.66	284.1	1.6	47.2	2.2	12	<0.1	8.8	1.3	34	<0.01
1273272	Soil		3.8	58.6	25.0	50	0.2	12.6	2.1	32	2.67	169.7	2.4	15.4	2.7	17	<0.1	8.0	1.5	25	0.03
1273274	Soil		4.0	51.5	25.1	53	0.2	15.4	4.4	67	2.62	115.3	2.5	14.9	2.2	23	<0.1	8.5	1.1	35	0.07
1273290	Soil		4.1	79.2	46.8	116	0.3	88.4	4.7	85	9.78	220.5	1.8	6.2	5.0	28	<0.1	2.0	0.7	79	0.01
1273271	Soil		4.4	57.5	44.6	49	0.2	11.6	1.4	26	2.52	195.0	2.6	18.3	2.6	22	<0.1	10.8	2.1	23	0.03
1273278	Soil		1.8	75.6	17.3	74	0.2	38.3	6.2	183	2.94	256.3	1.9	15.1	3.4	9	<0.1	10.7	1.0	36	<0.01
1273270	Soil		9.5	56.8	148.4	83	0.5	16.0	1.1	32	3.05	155.9	5.5	21.3	4.7	88	0.1	14.5	2.2	53	0.20
1273268	Soil		7.0	75.4	83.2	98	0.4	20.5	1.7	33	4.19	155.0	5.0	26.7	6.0	70	0.1	12.4	7.9	48	0.01
1273289	Soil		4.1	93.2	38.3	119	0.3	65.0	4.4	103	12.33	353.9	2.8	11.0	6.2	31	<0.1	4.9	1.0	88	0.01
1273275	Soil		3.9	51.9	26.9	55	0.2	15.6	4.5	68	2.62	115.4	2.5	13.9	2.0	24	<0.1	8.2	1.1	35	0.07
1273260	Soil		3.8	77.2	15.4	89	0.4	39.8	4.3	99	6.80	179.4	2.5	25.2	9.2	8	<0.1	10.4	0.5	55	<0.01
1273273	Soil		3.6	48.9	26.1	50	0.1	13.2	1.5	34	2.52	129.8	2.2	16.7	1.7	18	<0.1	7.9	1.3	27	0.04
1273286	Soil		9.4	93.7	63.3	161	0.4	62.7	4.1	88	9.91	262.6	5.7	8.0	7.8	35	0.2	6.1	1.3	94	0.01
1273267	Soil		9.9	101.6	59.5	102	0.4	30.9	3.5	47	5.79	185.5	6.4	35.1	6.9	73	0.2	15.4	2.4	69	0.02
1273288	Soil		4.1	83.7	46.6	98	0.4	41.2	4.2	108	11.71	243.6	2.7	13.2	6.1	21	<0.1	3.6	0.8	62	0.02
1273261	Soil		1.3	79.3	39.4	21	0.2	4.8	0.5	12	3.34	139.4	1.3	23.0	5.7	9	<0.1	11.1	0.6	35	<0.01
1273044	Soil		7.2	184.7	34.0	140	0.8	117.1	86.1	1258	4.21	62.7	7.6	8.0	8.8	15	0.2	22.1	0.4	34	<0.01
1273269	Soil		5.0	67.9	44.3	58	0.4	22.5	2.2	60	3.53	228.4	4.2	25.3	5.9	51	0.1	9.3	2.0	54	0.04
1273263	Soil		4.9	86.7	24.8	31	0.2	10.2	1.5	26	5.06	211.0	2.8	47.3	8.6	31	<0.1	14.8	1.0	36	<0.01
1273262	Soil		5.5	89.4	25.0	34	0.2	9.2	1.0	18	5.03	189.7	3.1	48.7	7.5	19	<0.1	16.2	0.8	26	<0.01
1273045	Soil		5.6	84.1	31.6	54	1.2	25.9	2.3	36	5.24	55.0	4.6	9.4	10.4	25	<0.1	6.9	0.7	72	0.01
1273264	Soil		3.5	73.3	21.8	27	0.2	9.3	1.2	23	4.21	190.8	2.7	40.9	7.8	28	<0.1	11.9	1.0	26	0.01
1273277	Soil		3.3	54.2	20.8	98	0.3	56.2	16.8	607	3.23	142.8	1.9	25.2	4.5	17	0.1	9.5	2.4	47	0.01
1273287	Soil		6.9	86.4	70.5	140	0.7	71.2	4.4	100	9.51	283.9	4.8	10.1	7.7	34	0.2	5.4	1.0	83	0.02



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		La	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	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1273283	Soil	17	23	0.18	327	0.007	<1	1.14	0.007	0.07	0.2	0.01	1.1	0.2	<0.05	4	3.4	<0.2
1273539	Soil	17	22	0.10	326	0.005	3	0.78	0.005	0.05	0.2	<0.01	3.0	0.2	<0.05	3	4.4	0.4
1273284	Soil	10	32	0.23	145	0.015	<1	1.50	0.006	0.11	0.1	0.02	5.2	0.2	0.16	6	5.3	<0.2
1273280	Soil	18	31	0.17	251	0.018	2	1.04	0.005	0.05	0.1	0.02	2.6	0.1	<0.05	4	2.6	<0.2
1273282	Soil	16	33	0.36	341	0.026	<1	1.74	0.006	0.08	0.2	0.02	2.9	0.2	<0.05	5	3.3	0.2
1273281	Soil	16	30	0.10	263	0.011	6	0.79	0.002	0.04	0.1	0.02	2.6	0.1	<0.05	4	5.6	0.4
1273276	Soil	16	28	0.09	207	0.007	2	0.59	0.002	0.03	0.1	0.02	1.9	0.1	<0.05	3	2.2	<0.2
1273272	Soil	14	15	0.02	237	0.004	2	0.30	0.001	0.02	0.1	<0.01	2.0	<0.1	<0.05	2	3.5	<0.2
1273274	Soil	18	18	0.04	327	0.004	5	0.49	0.002	0.04	0.2	0.01	1.7	0.1	<0.05	2	3.9	<0.2
1273290	Soil	7	47	0.52	239	0.036	2	3.50	0.013	0.29	<0.1	0.02	7.3	0.5	0.42	10	1.8	<0.2
1273271	Soil	13	18	0.01	380	0.003	4	0.30	0.002	0.01	0.2	<0.01	2.5	<0.1	<0.05	2	3.8	<0.2
1273278	Soil	18	33	0.08	220	0.007	2	0.64	<0.001	0.03	0.1	0.01	4.0	0.1	<0.05	3	1.8	<0.2
1273270	Soil	20	18	0.01	597	0.004	4	0.41	0.003	0.03	0.6	<0.01	2.4	0.1	0.05	2	9.0	<0.2
1273268	Soil	21	25	0.01	1063	0.006	4	0.52	0.003	0.03	0.3	<0.01	3.3	0.2	<0.05	3	5.1	0.2
1273289	Soil	8	58	0.55	236	0.039	<1	3.04	0.012	0.27	<0.1	0.02	6.9	0.5	0.53	9	2.6	<0.2
1273275	Soil	18	19	0.04	341	0.006	3	0.50	0.002	0.04	0.2	0.01	1.7	0.1	<0.05	2	3.9	<0.2
1273260	Soil	20	20	0.02	411	0.001	6	0.46	0.003	0.04	0.2	0.02	3.2	0.2	<0.05	3	3.6	<0.2
1273273	Soil	18	18	0.02	247	0.004	2	0.33	0.002	0.02	0.2	0.01	1.5	<0.1	<0.05	2	3.5	<0.2
1273286	Soil	8	38	0.36	235	0.029	<1	2.71	0.013	0.19	<0.1	0.02	4.8	0.5	0.38	8	6.3	0.2
1273267	Soil	18	33	0.02	1582	0.013	4	0.79	0.002	0.03	0.3	0.01	4.5	0.2	0.06	4	5.4	<0.2
1273288	Soil	8	43	0.40	154	0.026	1	2.39	0.013	0.18	<0.1	0.04	5.6	0.4	0.42	8	2.3	<0.2
1273261	Soil	13	14	<0.01	252	<0.001	3	0.24	0.002	0.03	<0.1	<0.01	2.8	<0.1	<0.05	3	3.1	<0.2
1273044	Soil	43	37	<0.01	829	0.001	2	0.62	0.001	0.03	0.1	<0.01	6.4	0.7	<0.05	2	8.4	0.2
1273269	Soil	15	29	0.01	770	0.007	3	0.68	0.002	0.03	<0.1	<0.01	4.2	0.2	<0.05	4	4.4	0.2
1273263	Soil	24	21	0.03	238	0.003	7	0.44	0.003	0.04	0.3	0.02	4.6	0.2	<0.05	3	5.0	0.2
1273262	Soil	19	18	<0.01	224	0.001	6	0.29	0.002	0.02	0.2	<0.01	4.0	<0.1	<0.05	3	4.9	0.3
1273045	Soil	21	59	0.17	1271	0.010	3	1.33	0.003	0.05	<0.1	<0.01	7.5	0.2	0.11	7	8.7	0.3
1273264	Soil	21	18	0.02	221	0.002	4	0.37	0.004	0.03	0.2	<0.01	3.5	0.1	<0.05	2	4.9	0.2
1273277	Soil	19	40	0.19	316	0.022	2	1.08	0.003	0.06	0.1	<0.01	2.9	0.1	<0.05	4	2.7	<0.2
1273287	Soil	11	45	0.38	233	0.029	1	2.70	0.011	0.20	0.1	0.05	4.8	0.4	0.33	8	5.2	<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	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
			ppm 0.1	ppm 0.1	ppm 0.1	ppm 1	ppm 0.1	ppm 0.1	ppm 0.1	ppm 1	% 0.01	ppm 0.5	ppm 0.1	ppb 0.5	ppm 0.1	ppm 1	ppm 0.1	ppm 0.1	ppm 0.1	ppm 2	% 0.01
1273076	Soil		4.2	72.3	68.8	115	0.5	49.3	4.1	96	7.26	273.8	5.8	3.3	5.0	30	0.2	4.3	0.6	52	0.04
1273265	Soil		3.7	78.4	18.7	35	0.2	12.3	1.7	29	4.73	181.7	2.4	34.1	6.9	16	<0.1	12.1	0.9	33	0.01
1273266	Soil		7.1	106.6	32.2	80	0.4	26.5	8.1	62	5.47	129.7	4.0	31.6	8.2	23	<0.1	14.7	0.7	42	<0.01
1273285	Soil		9.7	52.4	48.9	84	0.4	18.1	2.3	77	6.38	327.6	2.2	15.1	8.2	24	<0.1	5.4	1.6	64	0.01
1273070	Soil		4.7	110.6	49.2	190	0.4	21.6	4.8	91	14.89	120.5	2.4	24.6	7.9	68	<0.1	9.4	0.8	89	0.01
1273073	Soil		2.9	78.6	51.1	135	0.2	52.9	4.2	88	8.92	182.8	2.5	3.8	4.6	25	<0.1	1.7	0.5	64	0.01
1273051	Soil		2.6	27.3	2.3	43	0.3	25.6	11.2	407	2.45	4.5	0.3	0.8	0.9	36	0.2	0.3	<0.1	66	0.86
1273052	Soil		14.5	84.6	60.3	432	0.7	54.4	4.7	164	5.21	207.6	7.3	25.7	4.6	107	0.4	17.4	1.1	93	0.14
1273056	Soil		2.7	94.7	18.1	75	0.5	18.0	2.6	165	4.48	1030	1.9	94.5	8.5	4	0.1	17.3	0.6	62	<0.01
1273071	Soil		4.0	104.6	60.5	153	0.2	46.7	4.6	100	13.56	251.1	4.5	7.1	6.6	23	0.1	3.9	0.9	68	0.01
1273075	Soil		3.5	88.8	90.4	151	0.4	61.0	4.2	91	11.50	356.9	5.1	7.0	6.8	43	0.2	3.6	0.7	63	0.02
1273074	Soil		3.5	90.7	91.7	158	0.3	58.0	4.1	89	12.93	382.3	5.4	4.9	7.1	43	0.2	3.4	0.7	64	0.02
1273049	Soil		4.1	68.7	31.7	48	0.4	14.8	2.3	26	4.60	90.1	2.5	18.1	10.2	9	<0.1	15.5	1.7	37	0.02
1273068	Soil		10.1	64.5	66.5	77	0.5	12.7	2.6	58	5.82	227.7	2.5	20.3	6.5	19	<0.1	5.8	1.4	46	0.01
1273054	Soil		14.6	37.3	147.6	75	0.8	11.2	1.1	34	2.06	98.5	4.0	26.8	5.9	59	0.1	11.2	2.1	78	0.12
1273072	Soil		2.9	103.3	69.5	170	0.2	46.1	4.1	91	14.30	313.9	3.9	5.7	5.9	25	0.1	2.7	1.6	63	<0.01
1273050	Soil		10.0	50.4	36.8	30	1.5	15.2	1.0	41	3.17	102.3	4.6	16.8	3.2	33	<0.1	10.3	2.2	87	0.40
1273055	Soil		13.7	34.3	104.1	60	0.7	10.5	0.9	27	2.07	129.7	3.0	27.8	4.8	39	0.1	12.3	1.6	59	0.07
1273053	Soil		13.8	67.7	71.8	331	0.7	48.3	3.1	71	4.39	149.3	7.4	30.5	4.6	65	0.3	17.3	1.2	78	0.17
1273069	Soil		8.1	14.5	86.1	12	0.4	1.8	0.3	7	1.11	92.9	0.8	23.0	7.1	16	<0.1	3.7	1.3	9	<0.01
1273488	Soil		17.5	149.2	26.9	72	2.7	25.3	1.7	12	5.62	87.0	18.5	15.7	6.5	105	0.1	32.4	0.4	83	0.03
1273046	Soil		4.8	80.0	30.0	58	0.6	26.6	4.4	40	4.09	57.4	3.7	10.5	10.0	15	<0.1	9.5	0.6	45	<0.01
1273047	Soil		3.9	72.8	28.5	54	0.6	23.6	4.1	23	4.10	72.4	4.0	9.6	10.2	20	<0.1	10.7	0.6	54	<0.01
1273048	Soil		3.6	80.6	40.8	42	0.5	13.5	2.5	19	4.97	84.7	2.9	13.3	10.2	13	<0.1	13.0	0.9	45	<0.01
1273489	Soil		7.2	127.5	18.7	90	1.3	34.2	3.3	45	6.01	69.5	7.3	7.7	8.0	37	0.1	18.7	0.3	42	0.01
1273491	Soil		5.6	105.4	31.7	66	0.9	25.7	4.8	38	4.18	67.2	5.0	8.7	8.4	17	<0.1	16.9	0.5	42	<0.01
1273499	Soil		4.5	74.7	34.8	90	0.6	36.2	7.6	407	7.45	129.0	2.5	25.3	7.3	38	<0.1	15.6	1.1	98	0.05
1273490	Soil		5.9	100.1	70.0	55	1.3	19.3	2.6	20	5.47	87.8	6.3	12.4	9.2	35	<0.1	15.6	0.8	70	<0.01
1273494	Soil		4.4	57.1	29.6	46	0.9	12.4	1.4	47	4.43	85.6	2.3	16.8	7.3	14	<0.1	11.0	0.6	47	<0.01
1273495	Soil		5.0	51.1	27.2	83	0.8	18.8	1.6	35	3.73	109.4	2.2	33.9	5.5	15	<0.1	12.8	2.3	44	0.01



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	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
1273076	Soil	8	27	0.26	197	0.032	<1	2.19	0.016	0.13	0.1	0.02	3.4	0.3	0.30	6	2.6
1273265	Soil	15	18	0.02	165	0.005	5	0.43	0.005	0.03	0.3	<0.01	3.6	0.1	<0.05	3	4.4
1273266	Soil	17	34	0.01	619	0.001	3	0.61	0.002	0.04	<0.1	<0.01	4.7	0.1	<0.05	3	6.6
1273285	Soil	15	29	0.29	168	0.009	2	1.26	0.005	0.10	0.2	0.02	3.3	0.3	0.11	5	6.0
1273070	Soil	13	45	0.11	130	0.007	<1	1.11	0.007	0.06	<0.1	0.04	4.0	0.3	0.19	6	4.0
1273073	Soil	6	40	0.42	198	0.013	<1	2.68	0.012	0.22	<0.1	0.01	5.3	0.4	0.42	8	1.9
1273051	Soil	4	35	0.80	90	0.122	2	1.51	0.076	0.12	12.9	0.01	4.3	<0.1	0.09	5	<0.5
1273052	Soil	19	25	0.03	869	0.008	4	0.67	0.008	0.04	0.6	0.01	4.9	0.2	0.14	2	10.4
1273056	Soil	16	68	<0.01	122	0.002	2	0.54	0.002	0.02	0.1	<0.01	6.9	0.2	<0.05	5	2.4
1273071	Soil	7	41	0.34	159	0.027	<1	2.39	0.010	0.15	0.1	0.01	5.4	0.3	0.50	7	3.0
1273075	Soil	5	37	0.37	237	0.029	<1	3.06	0.020	0.24	<0.1	<0.01	4.7	0.4	0.69	8	2.8
1273074	Soil	5	39	0.38	238	0.026	<1	3.13	0.020	0.25	<0.1	<0.01	4.7	0.4	0.73	8	2.9
1273049	Soil	20	25	0.02	356	0.002	4	0.62	0.003	0.05	0.1	0.01	3.9	0.3	<0.05	4	4.5
1273068	Soil	13	22	0.13	102	0.008	4	0.80	0.006	0.05	0.2	0.02	2.2	0.2	<0.05	4	4.2
1273054	Soil	21	20	0.02	524	0.007	13	0.34	0.007	0.06	0.8	0.02	2.9	0.2	0.12	3	11.6
1273072	Soil	5	38	0.34	175	0.021	<1	2.52	0.009	0.19	<0.1	<0.01	5.0	0.3	0.48	7	1.7
1273050	Soil	21	37	0.08	360	0.014	2	1.05	0.008	0.05	0.4	0.03	5.3	0.3	0.10	5	7.6
1273055	Soil	18	17	0.02	418	0.005	6	0.29	0.008	0.08	0.6	0.01	2.7	0.2	0.17	2	11.6
1273053	Soil	17	20	0.03	620	0.008	9	0.52	0.010	0.05	1.0	0.01	3.8	0.2	0.10	3	9.9
1273069	Soil	16	6	0.02	86	0.002	4	0.18	0.001	0.04	0.5	0.01	0.6	0.1	0.07	1	2.0
1273488	Soil	23	71	0.02	1031	0.008	5	1.62	0.013	0.15	0.1	0.02	8.4	1.2	0.37	9	32.1
1273046	Soil	25	34	0.06	1159	0.002	3	0.93	0.003	0.05	<0.1	<0.01	4.6	0.3	0.07	5	6.8
1273047	Soil	26	32	0.03	841	0.002	4	0.89	0.003	0.05	<0.1	<0.01	4.7	0.3	<0.05	5	6.3
1273048	Soil	18	28	0.01	921	0.002	3	0.63	0.003	0.04	<0.1	0.01	3.9	0.3	<0.05	5	4.8
1273489	Soil	22	33	0.02	1460	0.002	3	0.76	0.004	0.06	<0.1	0.01	5.3	0.5	0.09	4	11.3
1273491	Soil	28	33	0.02	680	0.002	4	0.71	0.004	0.04	<0.1	0.01	5.9	0.3	<0.05	4	7.6
1273499	Soil	26	74	0.67	403	0.067	3	2.00	0.007	0.09	0.2	0.02	8.1	0.2	0.13	6	4.3
1273490	Soil	27	45	0.04	812	0.003	2	0.78	0.005	0.07	<0.1	0.02	7.4	0.3	0.14	5	7.9
1273494	Soil	19	23	0.04	395	0.003	5	0.74	0.006	0.05	<0.1	<0.01	4.4	0.2	<0.05	4	5.0
1273495	Soil	18	19	0.03	257	0.005	8	0.51	0.005	0.04	0.2	<0.01	4.3	0.1	<0.05	3	4.5



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	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		ppm 0.1	ppm 0.1	ppm 0.1	ppm 1	ppm 0.1	ppm 0.1	ppm 0.1	ppm 1	% 0.01	ppm 0.5	ppm 0.1	ppb 0.5	ppm 0.1	ppm 1	ppm 0.1	ppm 0.1	ppm 0.1	ppm 2	% 0.01	% 0.001
1273493	Soil	6.5	68.6	43.1	53	1.2	17.0	1.4	26	4.64	79.5	2.8	20.3	7.8	19	<0.1	11.8	1.5	62	<0.01	0.084
1273492	Soil	7.4	78.2	47.3	88	1.0	25.2	1.8	17	5.42	79.1	3.3	16.1	8.4	18	<0.1	10.2	0.8	65	<0.01	0.083
1273762	Soil	4.8	50.8	85.0	87	0.2	16.8	3.2	177	7.01	108.6	2.1	7.3	7.4	17	0.1	9.0	1.7	61	0.01	0.189
1273498	Soil	5.5	63.3	35.0	68	0.4	17.7	2.0	25	3.59	123.8	3.1	20.6	7.7	27	<0.1	15.8	1.1	40	<0.01	0.091
1273497	Soil	4.8	62.5	34.5	58	0.4	18.5	2.2	23	3.47	102.2	2.9	16.6	8.4	23	<0.1	13.5	1.0	41	<0.01	0.080
1273496	Soil	5.4	53.6	42.3	71	0.5	14.1	1.1	21	3.54	152.1	3.0	30.2	7.0	39	<0.1	15.6	2.4	36	<0.01	0.117
1273063	Soil	3.3	56.4	24.0	69	0.5	33.7	3.6	116	3.59	172.1	1.8	12.1	1.5	17	<0.1	4.8	1.5	51	0.04	0.087
1273059	Soil	2.7	84.3	19.5	116	0.3	53.8	13.0	301	3.78	256.9	2.7	21.9	3.1	16	0.2	9.1	1.5	54	0.01	0.073
1273066	Soil	11.0	40.3	54.6	172	0.4	19.0	2.5	189	4.55	107.4	2.6	5.7	0.7	60	0.3	4.9	6.1	96	0.13	0.311
1273062	Soil	2.9	60.9	24.4	78	0.4	36.6	4.3	167	3.83	300.8	1.6	22.7	2.7	16	0.1	6.6	1.2	53	0.03	0.076
1273061	Soil	3.1	55.8	20.8	61	0.4	30.5	3.7	125	3.09	191.8	1.7	18.4	2.6	16	<0.1	6.0	1.6	40	0.02	0.063
1273761	Soil	9.3	51.6	107.2	131	0.7	17.6	2.7	181	6.73	142.1	3.1	32.6	7.3	63	0.2	8.4	12.3	84	0.04	0.293
1273067	Soil	5.1	46.6	51.2	68	0.3	14.2	2.6	129	4.81	70.2	2.1	8.9	3.8	14	0.1	4.3	2.1	45	0.03	0.142
1273060	Soil	2.1	73.1	14.4	86	0.4	36.5	8.0	185	3.48	321.8	2.2	34.8	3.7	13	0.2	7.8	0.9	43	0.02	0.069
1273064	Soil	10.4	89.9	54.9	81	2.1	19.0	2.0	70	6.31	151.9	4.8	18.9	4.8	28	0.2	10.2	2.6	80	0.01	0.189
1273058	Soil	3.3	100.8	20.5	170	0.5	85.3	16.7	533	4.47	163.7	3.3	26.5	4.9	17	0.3	8.5	1.6	55	0.03	0.094
1273751	Soil	2.6	27.1	2.3	45	0.3	25.5	11.2	411	2.47	4.6	0.3	1.5	0.9	38	0.2	0.3	<0.1	67	0.86	0.062
1273765	Soil	3.5	128.9	85.3	190	0.3	64.2	6.8	180	12.99	253.3	5.1	8.3	7.4	27	0.2	4.7	0.9	84	0.02	0.309
1273759	Soil	7.6	52.3	118.6	111	0.4	13.8	2.0	98	6.91	156.6	2.9	9.6	8.5	21	0.1	8.2	1.3	78	0.01	0.147
1273057	Soil	2.0	43.1	15.9	77	0.4	44.5	8.3	374	2.22	59.7	1.4	9.5	2.0	11	0.1	4.5	0.9	43	0.05	0.067
1273763	Soil	4.4	128.6	81.4	224	0.2	36.3	6.2	172	14.80	230.9	5.0	8.0	6.1	18	0.3	5.5	0.9	77	<0.01	0.344
1273756	Soil	3.8	76.3	27.5	105	0.3	33.1	4.8	176	5.49	253.3	2.1	26.4	6.2	16	0.2	7.2	1.1	57	0.01	0.103
1273767	Soil	3.5	95.4	81.4	151	0.5	52.3	3.5	84	12.71	375.2	5.5	4.5	8.9	29	0.1	4.9	0.7	65	0.02	0.350
1273065	Soil	9.5	52.2	73.9	132	1.5	19.9	2.5	65	5.45	197.0	3.2	27.2	5.7	35	0.2	11.5	3.5	72	0.02	0.187
1273758	Soil	14.1	53.0	87.2	116	0.7	17.9	2.1	72	5.34	145.5	3.9	11.6	8.7	32	0.2	10.5	1.3	83	0.01	0.133
1273764	Soil	3.4	129.2	75.6	188	0.3	63.8	6.7	182	11.57	213.0	5.3	9.0	6.6	22	0.3	4.5	1.0	71	0.02	0.290
1273766	Soil	4.5	86.3	135.1	197	0.8	37.9	3.1	92	16.39	407.6	4.2	9.5	8.7	32	0.2	5.5	0.8	92	0.01	0.365
1273768	Soil	5.1	98.0	58.3	165	0.7	84.5	4.4	77	11.17	456.0	10.2	5.5	6.5	33	0.4	4.5	0.7	54	0.03	0.397
1273760	Soil	7.6	53.0	121.5	140	0.6	15.2	2.7	190	7.44	134.7	2.7	16.3	7.1	37	0.3	5.7	3.1	67	0.02	0.256
1273757	Soil	12.9	73.7	56.7	116	1.2	24.5	2.0	72	6.63	151.2	6.2	13.8	9.1	38	0.3	11.3	1.9	100	0.02	0.238



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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
		La	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	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1273493	Soil	21	35	0.04	528	0.007	4	0.88	0.006	0.05	<0.1	0.01	5.5	0.3	<0.05	5	6.4	0.3
1273492	Soil	19	37	0.02	664	0.004	4	0.91	0.003	0.05	<0.1	<0.01	5.8	0.3	<0.05	5	8.2	0.4
1273762	Soil	22	35	0.57	126	0.002	<1	2.16	0.009	0.08	0.1	0.01	3.5	0.2	<0.05	7	3.2	<0.2
1273498	Soil	22	23	0.02	501	0.005	6	0.52	0.003	0.04	0.1	0.01	4.0	0.2	<0.05	3	4.6	0.2
1273497	Soil	22	24	0.02	622	0.004	4	0.59	0.004	0.04	<0.1	<0.01	3.8	0.2	<0.05	3	4.8	0.2
1273496	Soil	26	21	0.01	454	0.002	5	0.32	0.003	0.04	0.2	0.01	4.2	0.1	<0.05	3	4.3	0.2
1273063	Soil	17	39	0.36	296	0.021	5	1.61	0.008	0.06	0.2	0.02	2.4	0.2	0.08	6	2.0	<0.2
1273059	Soil	21	40	0.20	255	0.013	3	0.96	0.002	0.04	<0.1	0.02	3.4	0.1	<0.05	4	2.4	<0.2
1273066	Soil	13	28	0.14	130	0.004	2	1.04	0.011	0.05	0.2	0.04	0.5	0.2	0.12	5	5.8	<0.2
1273062	Soil	15	45	0.44	351	0.034	2	1.52	0.006	0.06	0.2	0.02	2.7	0.2	0.08	6	2.6	<0.2
1273061	Soil	14	32	0.18	218	0.020	3	1.06	0.007	0.05	0.1	0.02	2.2	0.1	0.08	4	3.0	<0.2
1273761	Soil	23	35	0.50	214	0.002	<1	1.55	0.009	0.09	0.1	0.02	3.4	0.2	0.11	6	5.2	0.4
1273067	Soil	17	26	0.39	113	0.007	<1	1.42	0.013	0.07	0.1	0.02	2.2	0.2	0.07	5	2.1	<0.2
1273060	Soil	19	32	0.16	183	0.012	2	0.69	0.005	0.03	0.1	0.01	3.4	<0.1	<0.05	3	2.1	<0.2
1273064	Soil	23	37	0.21	524	0.006	1	1.03	0.007	0.09	0.1	0.02	2.9	0.4	0.16	4	10.8	0.3
1273058	Soil	19	34	0.21	278	0.025	6	1.05	0.006	0.05	0.2	0.02	5.6	0.2	0.06	4	1.9	<0.2
1273751	Soil	4	34	0.82	91	0.124	3	1.40	0.082	0.12	13.0	0.01	4.4	<0.1	0.10	5	<0.5	<0.2
1273765	Soil	8	48	0.47	181	0.029	<1	2.44	0.008	0.14	0.2	0.03	6.2	0.3	0.45	7	3.0	<0.2
1273759	Soil	16	29	0.32	161	0.003	2	1.40	0.006	0.06	0.2	0.02	3.5	0.1	<0.05	6	5.6	<0.2
1273057	Soil	11	37	0.22	413	0.033	1	1.05	0.013	0.05	0.1	0.03	3.2	0.1	<0.05	4	1.8	<0.2
1273763	Soil	7	42	0.38	118	0.021	1	2.10	0.005	0.07	0.3	0.01	5.3	0.2	0.21	7	3.5	<0.2
1273756	Soil	14	44	0.41	557	0.024	3	1.32	0.004	0.06	0.2	<0.01	5.5	0.1	<0.05	5	4.1	<0.2
1273767	Soil	7	35	0.31	199	0.025	1	2.82	0.013	0.17	0.1	0.02	5.3	0.3	0.42	8	4.4	0.2
1273065	Soil	21	27	0.16	624	0.006	2	0.99	0.007	0.07	0.2	0.02	2.8	0.2	0.07	4	11.4	0.3
1273758	Soil	20	23	0.23	321	0.005	4	1.13	0.007	0.08	0.2	0.02	3.1	0.2	<0.05	5	9.5	0.3
1273764	Soil	9	40	0.45	129	0.029	2	2.60	0.007	0.10	0.2	0.02	6.0	0.3	0.14	7	4.0	<0.2
1273766	Soil	5	53	0.40	204	0.025	4	3.01	0.012	0.25	<0.1	0.02	8.7	0.4	0.60	8	2.8	<0.2
1273768	Soil	5	23	0.27	300	0.019	2	4.62	0.020	0.21	0.1	0.04	3.4	0.3	0.52	8	4.3	0.4
1273760	Soil	18	32	0.44	209	0.004	<1	1.61	0.008	0.08	0.1	0.02	3.5	0.2	<0.05	6	5.3	0.3
1273757	Soil	17	31	0.23	613	0.010	4	1.32	0.009	0.09	0.2	<0.01	4.4	0.3	<0.05	5	14.1	0.3



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	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	0.1	2	0.01
1273754	Soil	3.9	77.6	26.5	90	0.6	40.1	6.6	137	3.85	231.9	2.9	21.5	5.7	24	0.2	6.4	1.9	42	0.03	0.082
1273752	Soil	5.0	56.2	31.8	64	0.4	16.2	1.8	28	3.34	139.6	2.7	21.1	6.2	27	<0.1	15.5	0.9	37	0.01	0.096
1273753	Soil	1.8	61.0	14.1	63	0.3	26.7	4.4	133	2.95	305.1	1.6	19.2	4.0	12	0.1	5.0	0.7	37	0.03	0.071
1273755	Soil	2.2	67.2	26.3	77	0.4	36.9	4.2	189	4.18	439.1	1.8	24.6	5.2	16	0.1	6.7	1.0	52	0.03	0.089
1273167	Soil	2.8	51.4	4.0	28	0.1	32.2	1.5	22	2.86	82.9	2.0	24.3	2.9	9	<0.1	1.4	0.8	44	<0.01	0.054
1273166	Soil	2.7	87.0	38.7	87	0.7	18.9	2.8	53	7.33	763.0	3.6	50.3	8.7	18	0.2	7.0	12.1	20	<0.01	0.108
1273190	Soil	5.3	66.0	57.7	105	0.5	36.5	3.5	96	7.16	296.3	3.4	9.8	8.8	28	0.1	5.4	1.8	57	0.01	0.149
1273500	Soil	3.8	31.8	26.0	50	0.3	13.3	1.5	45	1.83	91.0	2.4	16.1	0.5	25	<0.1	9.2	1.0	29	0.07	0.117
1273185	Soil	1.1	29.9	27.8	8	0.1	1.6	0.2	6	1.94	189.1	2.3	2.7	5.2	27	<0.1	1.5	0.7	5	<0.01	0.037
1273184	Soil	3.0	48.1	58.0	25	0.6	6.9	0.6	32	3.77	340.4	2.4	25.2	7.6	23	<0.1	4.9	7.5	30	<0.01	0.088
1273180	Soil	4.2	55.9	32.0	50	0.4	14.1	1.0	50	3.68	481.7	2.9	30.4	7.3	41	0.2	5.5	17.5	34	0.01	0.087
1273176	Soil	3.5	68.3	18.7	60	0.3	16.0	3.7	41	4.75	122.1	2.9	15.3	6.1	19	<0.1	12.1	1.0	38	0.01	0.087
1273182	Soil	4.7	49.6	40.8	34	0.9	9.0	0.9	26	3.35	173.5	2.3	39.8	7.7	27	<0.1	7.9	2.2	34	0.01	0.075
1273164	Soil	3.3	87.0	28.2	84	0.8	16.7	2.2	40	7.85	244.5	2.5	25.4	9.8	20	<0.1	8.4	1.6	31	<0.01	0.103
1273171	Soil	3.4	92.6	21.5	40	0.2	9.6	1.0	27	5.27	255.7	2.1	36.8	7.8	12	<0.1	12.6	1.0	29	<0.01	0.083
1273174	Soil	4.1	72.9	24.9	54	0.3	15.4	2.7	29	4.27	130.1	3.3	20.2	5.6	28	<0.1	14.3	1.0	36	0.02	0.082
1273181	Soil	8.4	63.8	36.6	28	1.2	6.9	1.1	35	3.61	170.8	3.9	39.1	6.7	41	0.1	5.7	2.8	42	0.02	0.112
1273177	Soil	8.8	97.4	68.3	52	1.1	19.6	2.1	61	5.00	484.0	4.7	47.8	7.1	37	0.1	11.4	11.4	46	0.02	0.122
1273172	Soil	3.3	87.0	21.0	40	0.2	8.7	1.0	27	5.17	258.9	1.9	36.4	7.1	11	<0.1	12.2	1.2	28	<0.01	0.082
1273183	Soil	5.8	50.4	35.2	30	1.6	8.6	1.2	31	2.94	186.8	2.9	26.5	1.4	28	0.1	5.3	3.6	37	0.03	0.099
1273179	Soil	3.9	59.8	40.3	48	0.5	9.4	1.1	30	3.61	495.4	2.9	42.3	6.3	31	0.1	5.8	21.2	24	0.01	0.080
1273168	Soil	3.9	230.3	63.0	93	2.0	17.1	1.8	59	14.68	1214	4.0	77.2	14.6	32	0.2	9.0	9.5	49	0.01	0.214
1273178	Soil	4.8	57.7	34.5	37	0.7	11.4	1.8	37	3.36	205.2	2.6	20.3	1.9	20	0.1	7.8	4.5	31	0.03	0.093
1273187	Soil	3.1	49.2	26.2	71	0.9	35.5	2.1	93	3.79	102.5	1.5	11.6	5.6	12	<0.1	7.5	2.4	64	<0.01	0.065
1273173	Soil	2.7	130.4	58.0	86	0.5	28.8	4.0	106	7.94	596.3	4.5	68.4	11.4	41	0.1	8.2	13.4	31	0.02	0.124
1273194	Soil	4.5	41.7	25.5	60	0.3	25.7	1.8	87	5.43	478.1	1.9	19.1	10.7	35	<0.1	3.4	1.3	45	0.01	0.133
1273191	Soil	3.6	55.3	68.6	90	0.5	41.3	2.9	60	8.12	626.1	2.5	24.0	8.4	30	<0.1	4.6	2.8	54	0.01	0.134
1273169	Soil	4.6	178.8	46.3	87	1.5	30.7	3.1	100	10.29	729.4	3.3	82.3	10.6	30	0.1	6.4	9.9	47	0.01	0.166
1273195	Soil	2.9	88.3	64.1	111	0.3	88.6	4.2	70	11.02	879.6	2.7	23.9	7.9	46	0.1	14.1	3.7	56	0.02	0.261
1273189	Soil	6.6	34.5	39.7	23	0.8	5.5	0.6	17	2.61	187.8	2.0	20.0	6.5	29	<0.1	5.1	5.0	30	0.02	0.084



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		La	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	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1273754	Soil	15	26	0.26	367	0.033	3	1.41	0.007	0.08	0.3	0.02	5.3	0.2	<0.05	4	4.0	<0.2
1273752	Soil	23	21	0.02	377	0.004	5	0.57	0.003	0.04	0.1	0.02	4.2	0.1	<0.05	3	4.9	0.2
1273753	Soil	13	28	0.12	193	0.017	3	0.81	0.010	0.04	<0.1	0.01	3.5	<0.1	<0.05	3	1.9	<0.2
1273755	Soil	15	45	0.51	438	0.037	8	1.66	0.006	0.07	0.1	0.01	4.0	0.1	<0.05	5	3.3	<0.2
1273167	Soil	6	39	<0.01	193	0.010	1	0.85	<0.001	<0.01	<0.1	<0.01	4.8	<0.1	<0.05	5	1.3	<0.2
1273166	Soil	11	17	0.10	176	0.006	3	0.78	0.004	0.03	<0.1	0.02	1.9	<0.1	<0.05	3	2.7	0.5
1273190	Soil	14	32	0.37	316	0.027	3	1.99	0.008	0.17	0.2	<0.01	5.4	0.4	0.09	6	5.0	0.2
1273500	Soil	14	14	0.04	417	0.005	2	0.63	0.012	0.03	0.2	0.02	0.9	0.1	<0.05	3	2.8	<0.2
1273185	Soil	7	5	<0.01	201	0.002	2	0.31	0.001	0.03	<0.1	<0.01	0.8	<0.1	<0.05	4	4.2	<0.2
1273184	Soil	13	25	0.10	1230	0.013	3	0.48	0.002	0.07	0.1	<0.01	2.9	0.2	<0.05	3	6.8	0.4
1273180	Soil	17	33	0.13	814	0.010	6	0.98	0.002	0.07	<0.1	0.01	3.7	0.2	<0.05	4	8.2	0.6
1273176	Soil	17	21	0.02	616	0.002	3	0.64	0.006	0.04	<0.1	<0.01	3.7	0.2	<0.05	3	4.4	0.2
1273182	Soil	22	19	0.05	480	0.005	5	0.56	0.004	0.06	0.1	0.01	2.9	0.3	<0.05	4	13.4	0.3
1273164	Soil	18	18	0.07	223	0.004	1	1.06	0.003	0.03	<0.1	<0.01	3.2	0.2	<0.05	5	1.7	<0.2
1273171	Soil	17	16	0.02	248	0.002	15	0.36	0.003	0.03	0.1	<0.01	3.3	<0.1	<0.05	3	5.2	<0.2
1273174	Soil	22	22	0.03	547	0.002	1	0.66	0.004	0.04	0.1	<0.01	3.8	0.2	<0.05	3	4.3	0.2
1273181	Soil	20	36	0.06	822	0.020	4	0.74	0.003	0.05	<0.1	0.02	5.0	0.2	<0.05	6	13.6	0.3
1273177	Soil	21	30	0.14	721	0.008	7	1.00	0.006	0.09	0.3	0.02	4.2	0.4	<0.05	5	7.9	0.5
1273172	Soil	16	15	0.02	259	0.002	4	0.36	0.003	0.03	0.1	<0.01	3.1	<0.1	<0.05	3	5.0	0.2
1273183	Soil	16	20	0.09	497	0.007	18	0.83	0.011	0.05	0.2	0.03	1.9	0.3	<0.05	4	5.5	0.2
1273179	Soil	15	20	0.04	535	0.004	5	0.60	0.003	0.05	0.1	0.01	3.0	0.2	<0.05	3	5.0	0.7
1273168	Soil	13	70	0.15	389	0.007	1	1.14	0.009	0.07	0.2	0.02	3.5	0.2	0.22	6	16.3	0.5
1273178	Soil	13	16	0.06	403	0.006	3	0.73	0.011	0.05	0.2	0.01	1.8	0.2	<0.05	3	3.5	<0.2
1273187	Soil	18	51	0.26	854	0.020	5	1.34	0.003	0.06	<0.1	0.01	4.1	0.2	<0.05	6	4.6	0.3
1273173	Soil	19	27	0.27	389	0.027	4	1.78	0.007	0.07	0.2	0.02	3.5	0.2	<0.05	5	6.5	0.6
1273194	Soil	16	25	0.42	277	0.007	2	1.91	0.011	0.14	0.1	<0.01	3.3	0.3	<0.05	6	3.4	<0.2
1273191	Soil	14	29	0.29	219	0.021	2	2.09	0.008	0.17	0.1	0.01	4.5	0.4	0.07	8	4.7	0.3
1273169	Soil	12	62	0.21	441	0.016	1	1.31	0.014	0.09	0.2	<0.01	3.9	0.2	<0.05	5	9.1	0.7
1273195	Soil	7	34	0.40	278	0.026	<1	3.85	0.019	0.24	<0.1	<0.01	4.6	0.4	0.39	9	3.6	0.5
1273189	Soil	17	14	0.05	407	0.003	4	0.36	0.003	0.05	0.2	<0.01	2.5	0.1	<0.05	2	5.8	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	U	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	ppm 0.1	ppb 0.5	ppm 0.1	ppm 1	ppm 0.1	ppm 0.1	ppm 0.1	ppm 2	% 0.01	% 0.001
1273192	Soil	2.6	76.0	40.6	107	0.6	86.3	4.2	78	8.06	412.0	2.7	17.2	7.2	34	<0.1	3.3	1.3	55	0.02	0.161
1273188	Soil	2.5	40.7	25.4	46	0.3	12.9	1.2	33	3.47	101.9	1.3	20.0	8.0	11	<0.1	6.5	1.2	34	<0.01	0.055
1273170	Soil	4.1	115.9	36.5	59	0.7	15.0	2.0	60	6.50	494.7	3.1	56.0	8.9	25	<0.1	11.5	5.4	32	0.01	0.113
1273175	Soil	4.5	74.4	27.7	57	0.3	18.0	2.8	31	4.42	127.2	3.5	19.4	6.6	34	<0.1	14.0	0.9	39	0.02	0.090
1273165	Soil	2.3	90.2	27.8	105	0.6	14.5	2.2	44	11.94	328.6	3.4	13.9	9.2	30	<0.1	5.9	0.7	37	<0.01	0.196
1273193	Soil	3.4	78.6	34.3	102	0.3	76.4	4.4	96	9.19	470.0	2.1	13.9	7.3	37	<0.1	4.1	1.2	59	0.02	0.162
1273722	Soil	21.6	111.4	24.7	162	0.7	53.8	4.0	97	7.62	104.2	8.3	6.9	9.1	50	0.4	18.0	0.8	120	0.03	0.143
1273721	Soil	26.2	120.6	26.9	198	0.4	47.2	3.8	77	9.67	137.6	8.6	6.5	10.4	45	0.5	12.9	0.8	145	0.02	0.152
1273720	Soil	22.8	103.7	22.5	134	0.7	52.3	2.8	86	7.67	95.9	7.3	4.1	8.7	43	0.4	16.8	0.6	120	0.03	0.131
1273186	Soil	2.2	6.2	50.3	116	0.6	16.1	0.4	11	5.35	96.8	1.4	47.8	9.0	15	<0.1	14.1	1.5	15	<0.01	0.057
1273727	Soil	10.4	70.6	68.4	112	0.8	24.7	2.8	78	9.41	116.1	4.4	4.7	6.8	24	0.4	6.7	0.9	106	0.02	0.255
1273703	Soil	4.9	126.0	22.7	100	0.3	26.0	3.3	52	7.33	150.4	3.5	23.3	5.9	18	<0.1	14.0	1.0	40	0.01	0.151
1273701	Soil	1.3	422.8	19.4	149	0.2	199.1	70.0	794	15.00	2.8	1.0	35.3	5.9	14	0.1	0.3	0.2	213	0.28	0.041
1273725	Soil	20.3	112.7	35.7	211	0.4	48.8	3.8	72	9.59	131.1	7.4	5.8	8.1	34	0.5	11.0	0.8	134	0.01	0.169
1273726	Soil	12.8	67.2	38.7	143	0.4	34.5	2.9	67	6.13	87.1	3.9	3.4	7.2	24	0.3	7.5	0.7	100	0.02	0.115
1273724	Soil	19.7	117.3	34.7	215	0.4	48.2	3.9	75	10.23	131.2	7.5	5.4	8.0	33	0.6	10.5	0.8	141	0.02	0.173
1273718	Soil	14.3	105.9	60.8	100	0.9	22.4	1.8	58	15.47	180.4	7.9	10.6	12.0	26	0.2	10.9	2.2	155	0.02	0.428
1273723	Soil	11.7	55.2	12.5	154	0.6	39.7	1.6	29	3.89	45.1	4.4	3.0	5.7	14	0.4	7.1	0.3	74	0.01	0.060
1273711	Soil	11.3	74.4	26.5	270	0.9	55.1	4.2	93	5.27	38.6	5.7	3.0	5.4	53	0.9	7.4	1.2	119	0.10	0.232
1273702	Soil	4.0	132.1	22.0	98	0.3	30.1	4.1	57	7.77	148.4	3.9	22.3	6.1	16	0.1	12.3	0.8	40	<0.01	0.163
1273728	Soil	7.7	94.0	52.3	101	0.9	20.5	2.7	60	9.89	57.8	3.0	4.3	4.8	15	0.2	4.8	0.7	77	0.02	0.134
1273199	Soil	1.9	51.0	15.7	86	0.2	23.5	2.1	61	4.77	75.3	3.2	6.3	7.2	21	<0.1	12.3	0.4	19	<0.01	0.138
1273706	Soil	5.4	70.3	28.0	63	0.5	16.9	1.9	33	4.13	106.3	3.0	14.8	7.0	22	<0.1	15.9	0.5	33	<0.01	0.095
1273714	Soil	24.9	129.5	50.7	410	1.5	41.6	1.5	103	18.22	95.3	11.0	33.3	9.9	50	0.4	12.1	11.6	281	0.05	0.281
1273200	Soil	2.8	53.1	21.9	54	0.3	13.3	1.5	32	4.77	96.4	3.6	9.4	7.6	20	<0.1	13.7	0.7	26	<0.01	0.140
1273715	Soil	26.9	145.1	71.2	217	0.8	19.5	1.4	67	17.72	214.3	7.9	35.7	11.2	28	0.2	12.4	8.0	230	0.02	0.313
1273705	Soil	5.6	62.8	19.2	55	0.3	13.5	1.7	27	4.28	105.7	2.2	12.7	7.4	13	<0.1	15.9	0.5	20	<0.01	0.081
1273713	Soil	20.6	79.4	29.1	208	0.7	61.0	1.8	61	8.96	58.2	7.2	5.5	7.1	36	0.4	7.7	1.2	154	0.03	0.168
1273719	Soil	19.4	116.4	68.3	121	0.9	32.0	2.1	61	12.62	164.7	9.0	10.0	11.3	32	0.3	11.9	1.6	206	0.02	0.348
1273717	Soil	25.0	116.2	34.3	225	0.8	39.5	2.4	67	12.05	129.1	8.9	12.7	9.9	29	0.5	10.6	3.2	237	0.02	0.287



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		La	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	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1273192	Soil	12	30	0.41	273	0.028	<1	3.45	0.013	0.24	<0.1	0.04	5.1	0.4	0.10	9	2.8	0.2
1273188	Soil	25	25	0.08	327	0.005	6	0.76	0.005	0.08	<0.1	<0.01	3.0	0.2	<0.05	4	6.5	0.2
1273170	Soil	17	24	0.09	400	0.005	11	0.76	0.008	0.06	0.2	0.01	3.5	0.1	<0.05	3	6.0	0.4
1273175	Soil	23	24	0.04	635	0.002	5	0.79	0.006	0.05	<0.1	<0.01	3.7	0.2	<0.05	3	4.3	0.3
1273165	Soil	18	24	0.05	308	0.003	1	1.30	0.005	0.05	<0.1	0.01	3.7	0.2	<0.05	5	2.0	<0.2
1273193	Soil	10	35	0.45	295	0.030	<1	3.52	0.015	0.27	<0.1	0.02	5.6	0.5	0.15	10	3.2	0.3
1273722	Soil	13	24	0.26	284	0.041	1	2.94	0.013	0.10	0.1	0.01	4.1	0.4	0.07	9	15.1	<0.2
1273721	Soil	11	28	0.19	310	0.027	<1	2.52	0.009	0.09	<0.1	0.01	4.2	0.4	0.06	9	21.6	0.2
1273720	Soil	12	22	0.22	294	0.047	<1	2.92	0.014	0.10	0.1	0.01	3.9	0.4	<0.05	10	15.9	<0.2
1273186	Soil	29	9	<0.01	375	0.001	5	0.34	0.003	0.06	0.2	<0.01	1.4	0.2	<0.05	2	4.0	0.4
1273727	Soil	9	31	0.22	186	0.021	1	1.52	0.017	0.07	0.2	0.02	4.0	0.2	0.22	6	7.7	0.2
1273703	Soil	16	35	0.03	264	0.005	7	0.73	0.006	0.04	<0.1	<0.01	4.3	0.2	0.12	4	5.5	<0.2
1273701	Soil	16	659	0.13	147	0.162	4	4.11	0.013	0.06	<0.1	0.03	39.3	0.1	0.10	20	<0.5	<0.2
1273725	Soil	9	27	0.21	220	0.027	<1	2.40	0.005	0.07	0.1	<0.01	4.4	0.3	0.24	8	15.7	<0.2
1273726	Soil	14	24	0.19	175	0.015	<1	1.73	0.007	0.06	<0.1	<0.01	3.2	0.3	0.09	7	8.9	<0.2
1273724	Soil	9	30	0.21	226	0.027	<1	2.57	0.005	0.07	<0.1	<0.01	4.6	0.3	0.21	8	14.6	<0.2
1273718	Soil	10	47	0.19	187	0.015	1	1.84	0.011	0.05	0.2	<0.01	6.9	0.3	0.26	8	13.9	0.3
1273723	Soil	14	11	0.04	177	0.011	<1	1.76	0.005	0.04	<0.1	<0.01	2.4	0.4	0.12	6	9.4	<0.2
1273711	Soil	14	25	0.13	862	0.014	2	1.70	0.013	0.06	0.3	<0.01	5.0	0.4	0.15	6	8.0	<0.2
1273702	Soil	14	35	0.04	239	0.005	8	0.80	0.005	0.04	0.1	<0.01	4.3	0.2	0.14	4	4.6	<0.2
1273728	Soil	9	22	0.13	135	0.025	1	1.30	0.014	0.06	0.1	0.02	3.9	0.3	0.15	5	6.0	<0.2
1273199	Soil	26	12	0.02	383	0.002	8	0.53	0.004	0.04	<0.1	<0.01	4.0	0.2	0.12	2	0.7	<0.2
1273706	Soil	23	27	0.02	614	0.002	8	0.59	0.004	0.05	<0.1	<0.01	4.6	0.2	0.14	3	5.8	<0.2
1273714	Soil	10	33	0.33	200	0.033	<1	2.72	0.045	0.13	2.7	<0.01	6.3	0.3	0.56	8	32.6	0.4
1273200	Soil	28	17	0.02	375	0.002	5	0.67	0.005	0.05	<0.1	<0.01	4.1	0.3	<0.05	3	1.4	<0.2
1273715	Soil	9	47	0.23	177	0.017	<1	1.96	0.026	0.07	2.3	<0.01	5.8	0.2	0.32	11	19.2	0.5
1273705	Soil	25	20	0.02	369	0.001	8	0.42	0.004	0.04	<0.1	<0.01	4.1	0.1	<0.05	2	3.8	<0.2
1273713	Soil	9	24	0.22	423	0.017	<1	2.71	0.021	0.11	0.2	<0.01	6.5	0.4	0.24	8	16.1	<0.2
1273719	Soil	13	43	0.17	233	0.019	<1	1.93	0.011	0.06	0.1	0.01	7.4	0.4	0.21	8	21.4	0.3
1273717	Soil	12	40	0.17	262	0.022	<1	2.02	0.014	0.09	0.3	<0.01	6.4	0.4	0.15	8	17.8	0.3



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		Mo ppm 0.1	Cu ppm 0.1	Pb ppm 0.1	Zn ppm 1	Ag ppm 0.1	Ni ppm 0.1	Co ppm 0.1	Mn ppm 1	Fe % 0.01	As ppm 0.5	U ppm 0.1	Au ppb 0.5	Th ppm 0.1	Sr ppm 1	Cd ppm 0.1	Sb ppm 0.1	Bi ppm 0.1	V ppm 2	Ca % 0.01	P % 0.001
1273710	Soil	29.0	102.6	77.2	157	0.9	51.7	2.4	89	8.15	87.9	10.7	8.2	11.1	55	0.6	19.6	1.3	201	0.04	0.233
1273197	Soil	2.7	50.8	17.2	39	0.2	12.8	3.7	49	3.77	78.4	3.9	10.3	6.6	39	<0.1	11.7	0.5	15	0.01	0.153
1273707	Soil	5.4	61.5	30.5	64	0.6	17.8	1.2	21	4.01	88.5	3.6	10.6	7.2	33	<0.1	15.3	0.6	40	<0.01	0.096
1273716	Soil	19.1	101.8	27.7	211	1.0	41.4	2.7	74	9.87	77.6	7.1	14.1	7.4	32	0.6	7.1	4.7	173	0.03	0.224
1273196	Soil	2.2	45.0	21.8	60	0.2	20.4	10.0	250	3.28	90.1	3.2	14.7	7.7	46	<0.1	14.0	0.3	12	0.01	0.137
1273708	Soil	19.5	66.8	206.8	70	2.4	20.7	1.4	60	4.41	106.7	5.5	17.9	6.8	52	0.4	16.8	0.9	116	0.06	0.246
1273198	Soil	3.1	50.8	17.0	50	0.2	14.7	1.7	38	4.92	79.9	4.5	8.5	6.9	27	<0.1	12.9	0.7	23	<0.01	0.169
1273709	Soil	24.0	61.4	116.1	54	1.5	22.8	0.7	32	4.08	147.8	6.9	17.1	8.6	44	0.2	20.0	1.0	182	0.03	0.223
1273109	Soil	22.5	88.5	28.7	27	0.4	5.3	0.8	18	3.39	278.4	3.5	13.8	7.6	13	<0.1	9.3	2.0	56	<0.01	0.052
1273120	Soil	4.1	121.4	39.6	47	0.7	8.8	1.8	78	7.38	549.2	4.2	56.8	14.7	22	0.4	8.4	2.9	43	0.02	0.153
1273704	Soil	4.0	60.7	15.6	45	0.2	9.9	1.4	24	3.56	96.7	2.0	15.6	6.0	12	<0.1	12.9	0.5	17	<0.01	0.069
1273712	Soil	27.0	101.9	131.5	291	1.3	45.3	1.8	92	14.24	128.7	12.6	16.8	11.7	60	0.5	20.3	3.2	215	0.03	0.323
1273124	Soil	5.3	106.4	52.3	52	0.7	10.4	2.2	110	6.77	382.0	2.3	26.0	14.8	15	0.2	6.6	3.2	39	0.02	0.101
1273127	Soil	2.9	47.1	14.2	97	0.7	30.3	1.8	19	3.13	162.8	1.9	4.8	7.1	36	0.1	2.6	1.2	25	0.02	0.044
1273103	Soil	3.2	54.8	43.5	63	0.4	18.7	4.8	255	9.03	78.0	2.5	22.8	9.7	29	<0.1	8.6	0.8	51	0.02	0.221
1273130	Soil	3.9	52.7	12.9	114	0.4	98.3	4.1	39	10.92	376.6	2.7	6.7	7.4	75	0.1	1.5	1.1	28	<0.01	0.150
1273122	Soil	3.4	103.4	69.4	42	0.6	11.9	1.8	63	4.95	431.9	1.7	41.6	13.9	16	0.3	6.0	3.0	27	0.01	0.067
1273111	Soil	6.6	104.9	22.3	26	0.5	3.5	0.5	18	3.75	256.8	5.1	6.2	8.5	13	0.1	4.2	2.0	65	<0.01	0.078
1273119	Soil	4.1	132.6	52.5	48	0.9	11.4	2.2	94	6.90	494.3	4.1	42.9	11.5	21	0.2	7.3	3.0	44	0.02	0.168
1273106	Soil	4.9	73.0	40.6	94	0.4	21.4	6.3	179	5.85	93.7	2.8	20.2	10.0	16	0.1	6.9	1.6	58	0.03	0.089
1273126	Soil	3.1	54.2	15.0	102	0.4	43.4	3.3	48	3.52	124.5	2.2	2.1	7.0	29	0.2	2.6	0.6	49	0.02	0.052
1273102	Soil	2.9	57.4	47.5	78	0.2	22.4	5.3	342	11.61	49.4	3.2	9.6	11.8	57	0.1	3.2	0.6	62	0.02	0.301
1273115	Soil	5.7	132.4	51.6	45	1.9	10.0	1.0	30	6.60	710.9	3.6	205.3	16.5	29	0.3	13.5	7.6	61	0.01	0.085
1273121	Soil	2.1	104.9	65.3	43	0.7	9.1	1.7	153	5.30	173.8	2.4	8.9	17.7	39	0.1	3.9	1.2	41	0.02	0.055
1273101	Soil	2.5	24.6	2.2	42	0.3	23.5	10.6	403	2.39	5.1	0.3	2.7	0.9	40	0.2	0.3	0.2	70	0.91	0.054
1273105	Soil	3.8	60.0	53.0	114	0.5	28.1	4.7	175	6.28	40.8	2.3	13.6	11.3	17	0.2	3.9	0.5	47	0.02	0.101
1273114	Soil	7.4	99.0	38.9	30	2.6	6.4	0.7	13	6.16	960.8	5.0	168.5	20.0	43	0.3	14.5	12.0	58	0.02	0.112
1273104	Soil	3.4	51.5	43.6	58	0.3	14.5	4.4	191	5.95	58.8	1.8	14.2	10.8	39	<0.1	8.8	0.9	47	0.03	0.119
1273116	Soil	3.0	107.9	31.1	42	1.0	6.7	1.2	51	4.86	393.7	2.4	53.4	11.2	18	0.2	8.1	3.6	43	0.02	0.080
1273128	Soil	6.5	58.9	38.0	123	0.4	130.3	2.7	43	8.26	257.2	5.0	4.7	10.6	116	0.2	2.1	0.8	58	0.01	0.139



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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
		La	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	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1273710	Soil	22	30	0.27	524	0.026	2	2.54	0.025	0.12	0.2	<0.01	6.2	0.6	0.18	8	20.2	<0.2
1273197	Soil	28	7	0.01	895	0.002	6	0.49	0.004	0.03	<0.1	<0.01	3.2	0.2	0.10	1	1.0	<0.2
1273707	Soil	22	32	0.03	1024	0.003	4	0.68	0.006	0.07	<0.1	<0.01	5.1	0.2	0.16	4	7.3	<0.2
1273716	Soil	10	26	0.16	300	0.017	<1	1.99	0.018	0.07	0.8	<0.01	5.6	0.3	0.25	7	16.5	0.3
1273196	Soil	32	6	0.01	1373	0.002	19	0.49	0.003	0.04	0.1	<0.01	2.6	0.3	0.07	1	1.4	<0.2
1273708	Soil	22	22	0.11	410	0.011	5	1.26	0.015	0.11	0.3	<0.01	4.9	0.6	0.18	5	11.0	<0.2
1273198	Soil	30	12	0.01	684	0.002	5	0.60	0.003	0.04	<0.1	<0.01	3.7	0.2	0.11	2	1.1	<0.2
1273709	Soil	27	23	0.17	420	0.007	3	1.36	0.010	0.10	0.2	<0.01	4.9	0.5	0.19	5	11.2	0.2
1273109	Soil	19	19	0.03	308	0.002	2	0.46	0.004	0.05	0.3	<0.01	2.4	0.1	0.13	4	6.4	0.2
1273120	Soil	29	23	0.23	113	0.003	<1	1.08	0.009	0.04	0.3	0.01	2.7	0.2	0.15	5	6.7	0.5
1273704	Soil	21	16	0.02	191	0.002	23	0.33	0.004	0.03	<0.1	<0.01	3.5	<0.1	0.12	2	3.2	<0.2
1273712	Soil	14	29	0.34	240	0.034	<1	3.80	0.069	0.14	0.4	<0.01	6.7	0.5	0.65	10	27.0	0.3
1273124	Soil	41	23	0.34	80	0.001	1	1.29	0.009	0.05	0.1	<0.01	2.3	0.2	<0.05	6	4.8	0.4
1273127	Soil	19	10	0.04	188	0.005	<1	1.18	0.008	0.04	<0.1	<0.01	1.4	0.3	0.09	4	2.7	<0.2
1273103	Soil	24	40	0.71	172	0.022	2	2.20	0.010	0.10	0.1	0.01	3.5	0.2	0.19	7	1.3	0.2
1273130	Soil	6	12	0.25	222	0.014	<1	4.46	0.035	0.22	<0.1	0.01	2.4	0.7	0.52	9	5.3	0.3
1273122	Soil	52	17	0.21	63	<0.001	<1	0.96	0.008	0.03	0.2	<0.01	1.4	0.1	<0.05	4	2.3	0.3
1273111	Soil	23	11	0.01	297	<0.001	1	0.38	0.004	0.05	0.1	<0.01	1.5	0.1	<0.05	4	45.0	0.3
1273119	Soil	37	21	0.24	111	0.003	<1	1.24	0.010	0.03	0.2	0.02	1.6	0.1	<0.05	5	5.1	0.5
1273106	Soil	24	39	0.43	208	0.034	2	1.40	0.004	0.07	0.3	0.03	3.8	0.2	<0.05	5	2.4	<0.2
1273126	Soil	16	12	0.10	139	0.031	<1	1.23	0.010	0.05	<0.1	0.02	1.2	0.2	<0.05	4	2.1	<0.2
1273102	Soil	23	51	0.71	275	0.047	2	2.62	0.027	0.15	0.1	<0.01	4.3	0.2	0.20	7	1.2	<0.2
1273115	Soil	40	23	0.17	88	0.001	<1	0.78	0.004	0.03	0.2	0.01	2.3	0.2	<0.05	5	8.5	0.5
1273121	Soil	55	25	0.53	153	<0.001	<1	1.85	0.013	0.08	<0.1	<0.01	2.4	0.3	<0.05	7	2.7	0.2
1273101	Soil	4	34	0.79	89	0.136	2	1.54	0.085	0.11	12.0	0.02	4.6	<0.1	<0.05	5	<0.5	<0.2
1273105	Soil	30	31	0.28	207	0.013	2	1.35	0.006	0.07	0.1	0.02	3.4	0.2	<0.05	5	1.6	<0.2
1273114	Soil	26	19	0.08	117	0.001	<1	0.54	0.005	0.03	0.3	0.04	2.6	0.3	<0.05	4	9.0	0.8
1273104	Soil	34	30	0.32	290	0.018	<1	1.31	0.008	0.07	0.1	0.02	2.3	0.2	<0.05	4	1.9	0.2
1273116	Soil	31	18	0.20	62	0.005	<1	0.80	0.017	0.03	0.2	0.01	1.8	0.2	<0.05	5	4.4	0.3
1273128	Soil	8	24	0.38	272	0.023	<1	4.46	0.061	0.29	<0.1	0.03	3.6	0.7	0.56	9	3.8	<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 ppm 0.1	Cu ppm 0.1	Pb ppm 0.1	Zn ppm 1	Ag ppm 0.1	Ni ppm 0.1	Co ppm 0.1	Mn ppm 1	Fe % 0.01	As ppm 0.5	U ppm 0.1	Au ppb 0.5	Th ppm 0.1	Sr ppm 1	Cd ppm 0.1	Sb ppm 0.1	Bi ppm 0.1	V ppm 2	Ca % 0.01	P % 0.001
1273110	Soil	19.9	96.9	31.2	30	0.4	3.8	0.7	21	2.87	226.1	5.2	5.1	9.1	20	<0.1	7.3	1.4	59	0.01	0.047
1273129	Soil	3.3	59.2	19.9	158	0.4	94.4	2.3	20	4.08	163.4	3.0	2.1	9.9	44	0.3	3.0	0.6	26	0.01	0.066
1273123	Soil	3.2	57.6	16.0	94	0.1	87.1	1.6	31	2.98	162.2	2.1	3.9	9.1	57	<0.1	2.0	0.6	35	0.02	0.055
1273112	Soil	14.4	99.7	763.9	21	1.5	4.7	0.8	26	2.15	411.6	7.3	22.5	9.7	23	0.1	52.1	4.8	33	0.05	0.043
1273132	Soil	2.6	75.9	21.9	73	0.1	137.1	2.6	38	4.83	189.9	2.5	2.1	8.7	60	<0.1	3.2	0.8	17	0.02	0.099
1273107	Soil	8.9	33.6	85.4	16	0.2	3.3	0.8	21	1.35	130.9	3.1	90.1	12.0	25	<0.1	3.6	1.0	21	0.02	0.046
1273125	Soil	4.1	117.7	57.7	56	0.6	13.7	2.8	111	6.86	416.3	3.0	33.4	18.5	18	0.2	6.7	3.5	42	0.02	0.126
1273118	Soil	4.9	169.5	44.8	47	1.2	12.6	2.3	71	12.62	1318	9.6	80.1	32.2	27	0.2	10.1	5.9	56	0.02	0.444
1273108	Soil	14.2	77.3	30.8	17	0.2	6.0	0.8	24	1.67	165.5	3.6	17.6	8.7	15	<0.1	7.2	1.6	34	0.01	0.034
1273131	Soil	1.8	69.5	17.5	152	0.2	101.9	4.0	36	9.64	262.2	2.8	5.4	9.9	57	0.2	2.5	0.8	32	0.01	0.115
1273117	Soil	3.7	158.0	61.8	77	1.6	9.8	1.9	45	8.15	817.9	6.6	57.1	17.3	48	0.3	11.6	4.1	49	0.02	0.155
1273113	Soil	5.3	169.9	32.3	38	3.1	8.3	0.9	13	8.24	620.2	6.8	146.0	17.6	88	0.4	11.4	8.9	74	0.06	0.187
1273149	Soil	17.7	15.3	144.7	17	3.3	2.0	0.4	21	1.32	310.9	3.2	53.8	6.8	28	0.1	10.7	9.5	31	0.01	0.060
1273152	Soil	5.8	22.9	194.2	17	3.9	3.3	0.7	25	1.43	1128	5.4	42.1	10.4	55	0.2	8.4	53.5	19	0.04	0.084
1273143	Soil	30.7	41.3	72.1	24	0.9	7.5	0.8	33	2.70	227.8	4.2	21.9	7.8	20	0.2	18.2	2.8	73	0.01	0.084
1273137	Soil	3.5	93.6	34.6	18	0.5	5.7	0.9	17	4.35	285.3	5.6	47.0	13.7	21	<0.1	12.6	2.2	32	0.01	0.051
1273144	Soil	19.4	67.4	52.1	53	0.7	49.7	0.9	52	4.27	197.4	5.8	19.5	8.7	32	0.2	17.1	1.1	156	0.02	0.145
1273134	Soil	1.2	180.9	37.5	18	0.8	2.8	0.6	13	10.08	314.4	1.2	17.2	6.6	25	<0.1	7.4	5.7	60	<0.01	0.115
1273156	Soil	13.8	98.7	53.5	35	0.3	4.4	0.5	15	5.68	766.5	8.3	14.1	7.2	53	0.2	10.5	3.1	42	0.02	0.180
1273146	Soil	39.0	38.3	327.3	28	3.5	6.6	0.6	30	3.50	612.8	7.4	49.5	9.9	22	0.4	24.2	5.3	115	<0.01	0.159
1273133	Soil	3.5	59.7	37.1	13	3.2	3.2	0.6	12	3.53	187.2	1.3	32.9	11.9	26	<0.1	4.3	2.8	55	<0.01	0.069
1273147	Soil	36.0	37.4	114.1	58	1.8	13.1	1.4	39	3.21	391.7	5.7	33.8	9.7	43	0.2	24.3	2.6	122	0.01	0.128
1273140	Soil	13.5	93.4	44.7	20	0.2	2.3	0.3	8	3.93	592.7	5.7	15.8	6.3	28	<0.1	12.6	3.3	34	0.01	0.119
1273159	Soil	7.7	69.5	37.8	17	0.4	1.9	0.3	8	3.21	398.8	3.1	20.2	6.9	24	<0.1	9.5	2.9	24	0.01	0.068
1273145	Soil	20.1	81.7	63.6	206	0.6	15.3	3.3	127	8.51	416.5	2.3	16.0	7.2	7	0.2	20.5	2.1	134	<0.01	0.198
1273136	Soil	1.1	27.3	51.1	25	0.3	1.9	0.1	5	2.52	247.9	6.9	8.8	5.5	354	<0.1	18.6	2.7	34	0.07	0.329
1273142	Soil	32.3	24.5	85.5	18	1.0	4.1	0.5	20	2.82	324.7	2.4	42.0	6.8	11	0.2	24.1	3.8	52	<0.01	0.075
1273157	Soil	13.8	92.7	47.9	37	0.4	5.4	0.6	18	6.64	952.2	9.5	19.8	7.1	74	0.4	10.9	2.9	42	0.02	0.223
1273162	Soil	5.6	68.3	21.8	22	0.2	2.6	0.7	24	5.04	732.9	5.2	21.8	5.1	32	0.1	7.7	2.4	29	0.03	0.115
1273150	Soil	4.6	14.9	246.4	12	2.9	1.7	0.3	12	0.99	1202	4.3	38.3	8.3	52	0.2	8.7	48.3	14	0.03	0.071



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		La	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	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1273110	Soil	25	19	0.03	242	0.002	<1	0.52	0.006	0.05	0.1	0.01	2.3	0.2	<0.05	4	9.3	0.2
1273129	Soil	13	8	0.09	267	0.010	<1	1.79	0.008	0.07	<0.1	<0.01	1.1	0.3	0.12	5	2.6	<0.2
1273123	Soil	23	14	0.15	330	0.016	<1	2.30	0.003	0.07	<0.1	<0.01	2.1	0.4	<0.05	7	1.4	<0.2
1273112	Soil	21	19	0.06	152	0.001	<1	0.64	0.011	0.03	0.1	<0.01	2.6	0.3	<0.05	4	8.1	1.9
1273132	Soil	16	9	0.13	254	0.008	<1	2.68	0.007	0.09	<0.1	<0.01	1.2	0.3	0.15	7	1.1	<0.2
1273107	Soil	40	13	0.03	359	0.005	10	0.35	0.004	0.03	0.4	0.02	2.1	<0.1	<0.05	3	3.5	0.2
1273125	Soil	44	22	0.34	83	0.001	<1	1.28	0.009	0.05	0.1	0.01	2.1	0.2	<0.05	5	4.3	0.5
1273118	Soil	31	34	0.19	134	0.002	<1	1.37	0.013	0.05	1.0	0.01	4.0	0.3	0.19	8	16.2	0.8
1273108	Soil	25	12	0.03	299	0.003	<1	0.43	0.002	0.03	0.3	<0.01	1.5	<0.1	<0.05	3	7.1	<0.2
1273131	Soil	9	15	0.23	233	0.008	<1	2.81	0.018	0.18	<0.1	0.02	2.0	0.4	0.33	7	2.3	<0.2
1273117	Soil	30	22	0.17	171	0.003	<1	1.10	0.009	0.04	0.2	<0.01	2.6	0.3	<0.05	6	6.2	0.6
1273113	Soil	31	28	0.06	376	0.001	<1	0.97	0.007	0.02	0.1	0.02	3.4	1.1	<0.05	6	10.1	0.7
1273149	Soil	14	9	0.02	351	0.002	4	0.33	0.012	0.13	0.6	0.02	2.5	0.4	0.17	2	9.2	0.3
1273152	Soil	13	8	0.04	394	0.005	2	0.37	0.014	0.13	0.5	<0.01	1.8	0.3	0.16	2	7.9	1.2
1273143	Soil	17	17	0.10	434	0.003	4	0.59	0.009	0.11	0.6	0.03	3.6	0.9	0.13	3	10.8	<0.2
1273137	Soil	24	23	0.02	526	0.003	3	0.48	0.008	0.04	<0.1	0.01	2.5	0.1	<0.05	4	8.6	0.3
1273144	Soil	18	34	0.21	388	0.020	2	1.41	0.012	0.09	0.4	0.03	4.0	0.4	<0.05	6	11.5	0.2
1273134	Soil	12	74	0.02	678	0.003	<1	0.32	0.002	0.02	0.1	<0.01	2.9	<0.1	<0.05	4	35.3	0.3
1273156	Soil	21	12	0.01	1080	0.001	2	0.46	0.003	0.03	0.5	0.02	1.2	0.2	<0.05	3	8.9	0.4
1273146	Soil	19	30	0.05	495	<0.001	2	0.61	0.011	0.16	0.6	0.03	6.8	0.7	0.21	4	24.9	0.4
1273133	Soil	27	40	0.01	1091	0.003	3	0.41	0.006	0.06	<0.1	0.01	1.7	0.1	<0.05	7	11.2	0.2
1273147	Soil	17	26	0.08	520	<0.001	4	0.66	0.010	0.14	0.4	<0.01	5.0	0.6	0.11	4	20.5	0.3
1273140	Soil	16	14	<0.01	734	0.001	3	0.32	0.002	0.04	0.3	<0.01	2.4	<0.1	<0.05	3	7.8	0.2
1273159	Soil	18	9	<0.01	610	0.002	4	0.35	0.006	0.04	0.3	0.02	1.2	0.1	<0.05	3	5.6	0.3
1273145	Soil	13	12	0.01	128	<0.001	3	0.31	0.002	0.05	0.6	0.02	2.1	0.1	<0.05	1	15.2	<0.2
1273136	Soil	62	39	<0.01	3600	0.004	5	0.45	0.002	0.02	0.3	<0.01	2.9	<0.1	<0.05	1	4.0	<0.2
1273142	Soil	14	13	0.05	375	0.002	7	0.42	0.006	0.10	0.9	0.02	3.6	0.7	0.07	3	15.8	0.3
1273157	Soil	17	11	0.01	1231	0.002	1	0.51	0.004	0.03	0.6	0.03	1.4	0.2	<0.05	3	6.2	0.3
1273162	Soil	13	11	0.01	745	0.004	1	0.38	0.007	0.03	0.2	<0.01	1.1	<0.1	<0.05	4	5.1	0.4
1273150	Soil	13	5	0.02	332	0.003	3	0.22	0.008	0.09	0.5	0.02	1.9	0.3	0.10	1	8.1	1.1



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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	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	0.1	2	0.01
1273153	Soil	13.7	25.9	45.0	21	0.3	2.3	0.3	6	2.65	285.2	4.3	10.4	8.2	29	0.2	14.1	1.2	35	0.01	0.087
1273160	Soil	10.2	71.7	36.6	23	0.2	2.5	0.4	12	4.41	629.3	5.1	18.9	6.4	23	0.1	7.0	2.8	30	<0.01	0.101
1273138	Soil	4.4	59.0	31.9	32	0.4	6.2	0.9	21	3.94	203.6	3.7	50.0	8.7	24	<0.1	10.7	12.5	44	0.02	0.105
1273135	Soil	0.8	44.6	38.2	11	1.5	1.9	0.3	9	3.04	201.6	2.6	18.8	5.6	53	<0.1	5.3	2.1	22	<0.01	0.091
1273151	Soil	2.4	23.9	2.0	39	0.3	21.8	9.6	367	2.24	4.8	0.2	1.5	0.8	37	0.2	0.3	0.2	66	0.80	0.055
1273141	Soil	25.1	36.8	81.3	37	1.1	8.6	0.9	36	3.13	318.4	3.8	25.2	7.5	21	0.2	18.7	4.0	70	0.01	0.095
1273148	Soil	26.5	20.9	76.3	18	1.3	3.3	0.6	22	1.73	246.6	3.2	21.5	6.4	25	0.2	16.5	2.4	61	<0.01	0.072
1273154	Soil	12.6	63.8	82.5	53	0.4	5.5	0.4	9	6.94	461.7	6.5	37.5	9.2	64	0.2	12.9	2.0	58	0.02	0.229
1273155	Soil	11.4	66.1	68.5	38	0.4	4.2	0.4	18	5.41	500.3	8.7	14.3	6.4	44	0.2	9.8	3.2	43	0.02	0.186
1273158	Soil	8.2	61.8	23.6	22	0.3	2.6	0.7	30	4.43	757.2	4.4	12.1	3.0	15	0.2	6.2	1.8	29	0.03	0.130
1273139	Soil	39.0	61.2	77.6	22	0.3	3.3	0.3	4	4.12	352.8	6.9	35.7	9.8	15	<0.1	16.7	170.1	49	<0.01	0.084
1273163	Soil	5.1	55.2	32.6	25	0.5	4.8	0.8	21	4.44	403.2	5.1	6.7	5.6	40	0.1	7.0	1.6	44	0.02	0.119
1273615	Soil	2.0	107.8	168.7	63	0.5	16.2	2.2	114	6.67	167.7	4.3	75.4	7.0	8	0.1	45.3	118.6	49	0.02	0.204
1273293	Soil	5.0	65.2	39.6	76	1.3	26.6	2.8	23	4.68	56.9	5.0	8.0	9.3	34	<0.1	13.4	1.2	55	0.01	0.111
1273611	Soil	6.7	67.2	49.3	111	0.5	20.4	4.6	145	5.67	109.9	3.3	9.1	7.8	16	0.2	7.3	2.0	68	0.02	0.155
1273161	Soil	6.1	46.0	26.8	15	0.5	1.8	0.4	15	2.45	287.4	2.5	13.7	2.4	17	<0.1	5.6	2.4	19	0.02	0.059
1273292	Soil	5.6	96.0	54.0	67	1.0	15.4	1.0	18	5.22	79.7	6.1	10.5	8.9	46	<0.1	15.9	0.9	51	<0.01	0.119
1273603	Soil	2.0	27.9	11.1	26	0.4	10.4	1.9	62	1.41	38.3	1.0	9.8	0.8	11	<0.1	3.7	0.5	17	0.06	0.064
1273612	Soil	8.5	76.3	90.9	121	0.5	25.2	3.8	135	9.00	81.0	4.6	14.1	8.0	18	0.2	5.6	1.9	95	0.02	0.188
1273608	Soil	10.1	88.3	57.6	90	1.0	14.2	1.8	76	6.84	194.5	5.1	17.4	11.1	22	0.1	13.2	1.2	64	0.01	0.201
1273620	Soil	8.0	107.5	41.6	194	0.4	35.8	5.5	90	7.90	162.7	7.0	25.2	8.2	22	0.5	6.4	0.8	79	0.02	0.141
1273298	Soil	5.7	83.3	28.2	73	0.7	23.3	4.5	58	3.90	77.9	3.7	13.8	6.6	20	<0.1	13.1	0.6	36	<0.01	0.090
1273294	Soil	7.1	83.3	32.5	58	1.3	19.8	1.4	20	4.03	63.9	6.7	10.3	7.9	40	<0.1	13.3	0.7	51	0.01	0.118
1273610	Soil	5.7	45.2	334.6	169	0.8	16.7	2.5	46	5.50	239.4	2.5	20.4	10.7	58	0.1	12.1	2.0	52	<0.01	0.130
1273297	Soil	5.4	79.0	40.5	50	0.9	17.7	2.4	28	4.05	73.7	4.0	13.3	7.8	25	<0.1	11.9	0.9	49	<0.01	0.096
1273621	Soil	8.9	119.1	20.4	138	1.2	24.1	3.5	85	7.88	283.8	7.0	5.8	8.0	19	0.5	7.6	0.7	76	0.02	0.160
1273616	Soil	5.4	70.9	36.1	137	0.3	40.7	7.4	163	4.63	90.8	3.1	4.4	3.6	21	0.3	4.7	1.0	58	0.05	0.123
1273291	Soil	4.3	111.7	61.9	150	0.8	53.1	9.7	305	7.28	103.8	8.8	7.5	8.8	38	0.1	20.7	0.4	47	0.01	0.198
1273601	Soil	1.4	400.8	19.8	144	0.2	204.3	67.6	707	13.15	3.1	1.2	30.6	6.6	13	<0.1	0.3	0.2	190	0.26	0.040
1273606	Soil	5.0	66.4	23.6	62	0.5	17.6	2.5	66	3.56	108.9	2.6	12.6	5.7	17	0.1	13.2	0.6	33	0.02	0.083



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		La	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	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1273153	Soil	11	7	<0.01	354	0.001	3	0.22	0.004	0.03	0.5	<0.01	0.9	0.1	<0.05	1	3.8	<0.2
1273160	Soil	13	8	<0.01	529	0.001	1	0.31	0.002	0.02	0.4	<0.01	1.1	0.1	<0.05	2	7.1	0.4
1273138	Soil	31	32	0.02	761	0.005	7	0.51	0.007	0.03	0.2	0.02	3.6	0.1	<0.05	4	7.3	0.5
1273135	Soil	16	31	0.01	895	0.002	2	0.20	0.002	0.02	0.2	0.01	1.5	<0.1	<0.05	2	7.9	<0.2
1273151	Soil	4	31	0.74	86	0.116	3	1.51	0.078	0.10	12.0	<0.01	4.1	<0.1	<0.05	5	<0.5	<0.2
1273141	Soil	14	17	0.11	424	0.003	4	0.58	0.007	0.10	0.5	0.02	2.9	0.5	<0.05	4	9.4	0.3
1273148	Soil	13	13	0.03	347	0.001	3	0.40	0.010	0.11	0.4	<0.01	3.4	0.5	<0.05	2	10.0	0.3
1273154	Soil	16	12	<0.01	614	0.001	3	0.42	0.003	0.04	0.7	<0.01	1.6	0.2	<0.05	3	6.7	<0.2
1273155	Soil	16	11	<0.01	708	0.002	3	0.41	0.005	0.02	0.4	0.01	1.4	0.1	<0.05	2	5.8	<0.2
1273158	Soil	11	7	0.02	413	0.003	1	0.51	0.012	0.03	0.3	0.03	0.9	0.2	<0.05	2	4.2	0.2
1273139	Soil	27	55	<0.01	784	<0.001	4	0.41	0.002	0.04	0.4	<0.01	5.9	0.1	<0.05	3	10.6	1.4
1273163	Soil	19	20	0.03	1040	0.002	<1	0.59	0.004	0.04	<0.1	0.01	2.2	0.2	<0.05	4	5.2	<0.2
1273615	Soil	22	28	0.26	74	0.008	<1	1.48	0.013	0.04	0.1	0.03	4.1	0.1	<0.05	6	8.4	1.0
1273293	Soil	27	41	0.04	883	0.005	2	1.00	0.005	0.05	<0.1	<0.01	6.8	0.2	<0.05	6	7.4	0.3
1273611	Soil	20	28	0.37	125	0.014	2	1.48	0.010	0.07	0.3	0.01	3.1	0.2	<0.05	6	3.9	<0.2
1273161	Soil	12	7	0.02	406	0.002	2	0.59	0.017	0.04	0.2	0.01	0.9	0.2	<0.05	3	3.2	0.2
1273292	Soil	28	47	0.03	1299	0.006	3	0.84	0.004	0.05	<0.1	0.03	8.5	0.2	<0.05	6	8.3	0.3
1273603	Soil	9	12	0.05	181	0.011	3	0.60	0.018	0.04	0.1	0.02	1.2	0.1	<0.05	2	1.2	<0.2
1273612	Soil	15	39	0.33	162	0.017	<1	1.69	0.008	0.07	0.4	0.04	5.1	0.3	<0.05	7	5.2	0.2
1273608	Soil	20	35	0.28	275	0.010	4	1.08	0.008	0.07	0.2	<0.01	3.9	0.2	<0.05	5	9.7	0.3
1273620	Soil	12	24	0.15	139	0.016	<1	1.45	0.006	0.05	0.1	0.02	3.3	0.3	<0.05	5	7.1	<0.2
1273298	Soil	20	22	0.03	427	0.004	3	0.67	0.007	0.04	0.1	0.02	3.8	0.2	<0.05	3	4.9	<0.2
1273294	Soil	21	37	0.05	969	0.011	3	0.99	0.006	0.07	<0.1	0.02	5.8	0.5	<0.05	6	8.5	<0.2
1273610	Soil	25	21	0.16	228	0.001	2	0.92	0.005	0.06	0.2	0.01	2.4	0.2	<0.05	4	6.1	0.3
1273297	Soil	22	28	0.05	628	0.006	2	0.80	0.005	0.05	<0.1	0.01	4.5	0.2	<0.05	4	5.7	0.3
1273621	Soil	13	27	0.16	117	0.013	<1	1.29	0.007	0.04	0.1	0.05	3.2	0.2	<0.05	5	7.7	0.2
1273616	Soil	17	26	0.34	154	0.020	1	1.72	0.010	0.08	0.2	0.03	2.4	0.2	<0.05	5	3.6	<0.2
1273291	Soil	24	35	0.01	1441	0.002	2	0.74	0.001	0.04	<0.1	0.02	7.3	0.3	<0.05	4	6.7	<0.2
1273601	Soil	16	609	0.13	129	0.159	3	3.73	0.011	0.06	<0.1	0.03	33.0	0.1	<0.05	19	<0.5	<0.2
1273606	Soil	17	20	0.08	347	0.007	3	0.59	0.008	0.04	<0.1	0.01	3.6	0.1	<0.05	3	4.3	<0.2



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		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	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	ppm 0.1	ppb 0.5	ppm 0.1	ppm 1	ppm 0.1	ppm 0.1	ppm 0.1	ppm 2	% 0.01	% 0.001
1273602	Soil	5.6	76.7	28.7	67	0.7	19.9	2.2	34	3.82	133.0	2.7	24.4	6.9	18	<0.1	15.5	1.6	35	<0.01	0.075
1273300	Soil	5.3	77.9	27.6	65	0.5	19.8	2.6	56	3.76	111.7	2.7	18.1	6.6	17	<0.1	12.2	1.1	36	0.01	0.074
1273622	Soil	32.6	82.0	26.8	111	1.2	30.7	1.8	57	4.83	187.4	8.1	6.9	10.1	38	0.3	15.9	0.6	169	0.01	0.108
1273607	Soil	14.8	62.1	36.7	99	2.0	20.2	2.0	73	4.92	179.1	4.7	24.3	5.6	23	0.1	9.6	0.8	48	0.02	0.161
1273617	Soil	4.0	60.4	26.4	123	0.4	33.7	9.8	190	3.99	70.1	2.7	6.0	3.3	15	0.3	3.0	0.5	44	0.06	0.137
1273618	Soil	6.8	97.4	39.1	177	0.3	53.2	10.9	228	7.15	175.6	5.8	7.5	7.1	26	0.3	4.9	0.9	73	0.03	0.212
1273619	Soil	5.8	98.0	27.5	213	0.3	48.3	8.8	153	8.25	167.1	6.5	2.7	7.0	21	0.5	3.8	0.6	68	0.02	0.173
1273613	Soil	5.9	46.7	78.4	74	0.3	11.7	1.9	147	7.49	82.7	1.9	4.2	7.5	13	0.1	4.2	1.5	56	0.01	0.152
1273614	Soil	24.5	10.9	103.8	54	0.2	11.9	0.8	14	1.52	109.1	1.7	13.7	3.2	27	<0.1	4.2	0.8	109	<0.01	0.034
1273609	Soil	11.4	78.4	91.0	107	1.5	17.7	1.8	57	6.71	199.7	4.1	14.1	11.0	31	0.3	13.5	1.3	65	<0.01	0.197
1273295	Soil	5.2	78.3	33.9	64	1.2	21.0	2.4	23	4.29	74.7	4.9	9.2	7.6	33	<0.1	13.8	0.6	45	<0.01	0.106
1273296	Soil	6.1	79.5	38.6	53	1.0	16.1	2.0	24	4.54	89.8	3.5	15.9	7.7	24	<0.1	13.6	0.8	48	<0.01	0.089
1273299	Soil	5.9	91.5	24.4	87	0.6	25.3	3.4	44	4.87	113.9	3.4	16.3	7.2	16	<0.1	15.0	0.8	39	<0.01	0.090
1273605	Soil	1.8	76.0	17.6	78	0.3	35.1	4.7	130	4.04	213.8	1.6	22.8	5.5	18	<0.1	5.3	1.2	43	0.01	0.072
1273428	Soil	48.6	140.2	37.1	241	0.4	28.9	2.7	88	18.42	161.4	16.2	2.6	13.3	90	0.4	12.3	0.7	74	0.02	0.462
1272499	Soil	7.4	140.0	43.5	103	1.3	37.1	1.9	79	8.96	92.1	3.9	23.9	8.7	94	0.2	6.5	0.5	82	0.03	0.108
1272485	Soil	8.2	147.6	28.9	135	0.6	46.1	13.3	238	4.87	52.0	3.0	12.1	7.2	35	0.3	4.3	0.7	64	0.03	0.103
1273604	Soil	2.0	68.0	14.4	73	0.4	37.1	6.6	160	3.01	188.7	2.1	24.9	4.2	17	0.1	5.4	0.9	42	0.03	0.072
1272483	Soil	2.4	96.3	12.9	75	0.6	19.0	4.2	80	5.44	16.6	1.2	103.4	6.4	21	<0.1	1.5	0.3	55	<0.01	0.071
1272500	Soil	8.0	147.7	39.5	326	2.8	83.9	4.9	88	7.18	73.0	8.2	12.9	7.7	178	1.1	8.9	0.4	119	0.05	0.324
1272474	Soil	6.5	140.9	25.0	285	0.7	51.6	9.2	246	8.98	23.9	4.0	5.3	7.9	34	0.2	4.7	0.6	45	0.03	0.135
1273426	Soil	80.1	129.5	40.2	185	6.2	54.3	4.2	118	7.40	99.2	14.7	5.4	8.5	211	0.8	22.9	0.4	161	0.17	0.580
1272484	Soil	2.3	97.5	10.8	78	0.5	22.5	4.8	66	4.51	19.4	1.2	13.3	6.3	12	<0.1	2.3	0.3	52	0.01	0.063
1272482	Soil	9.6	263.4	23.8	231	1.8	35.5	5.1	150	18.44	34.3	2.6	14.1	4.5	36	<0.1	4.5	0.7	57	0.01	0.162
1272498	Soil	7.4	191.0	58.7	145	1.2	25.2	2.1	78	13.03	140.4	2.7	22.2	13.4	79	0.1	4.4	0.8	57	0.02	0.133
1273427	Soil	73.3	116.2	45.2	121	4.4	44.9	3.2	109	6.31	182.2	16.5	4.6	12.3	182	0.6	27.6	0.6	144	0.07	0.435
1272496	Soil	4.2	143.7	32.2	209	4.3	83.6	22.0	413	11.82	99.4	3.5	18.0	7.2	160	0.3	2.2	1.0	124	0.05	0.378
1272494	Soil	6.3	118.1	46.3	180	2.5	67.5	5.7	142	10.38	186.3	5.1	13.7	6.6	113	0.1	3.5	1.2	103	0.12	0.331
1272479	Soil	4.7	109.3	19.4	217	1.5	39.4	8.3	299	8.66	29.1	3.8	3.0	7.7	23	0.2	4.0	0.5	59	0.04	0.183
1272491	Soil	38.7	99.9	62.2	89	3.7	31.7	3.9	135	7.08	170.1	8.9	14.2	9.1	156	0.3	23.5	0.9	142	0.15	0.532



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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
		La	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	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1273602	Soil	18	19	0.02	284	0.003	4	0.51	0.004	0.04	0.1	0.02	3.7	0.2	<0.05	3	4.2	0.2
1273300	Soil	19	20	0.03	518	0.002	3	0.51	0.005	0.04	0.1	0.01	3.9	0.2	<0.05	3	4.4	<0.2
1273622	Soil	12	33	0.14	239	0.033	<1	1.76	0.011	0.07	<0.1	0.02	4.8	0.5	<0.05	9	18.3	<0.2
1273607	Soil	15	28	0.20	445	0.009	2	0.97	0.010	0.07	0.2	0.01	3.7	0.2	<0.05	4	9.8	<0.2
1273617	Soil	11	20	0.26	92	0.030	<1	1.32	0.014	0.06	0.2	0.01	2.4	0.2	<0.05	4	2.0	<0.2
1273618	Soil	12	31	0.33	163	0.036	<1	1.90	0.008	0.10	0.2	0.03	4.0	0.3	<0.05	6	5.0	<0.2
1273619	Soil	8	27	0.22	175	0.022	1	1.91	0.007	0.11	0.1	0.01	3.9	0.3	0.11	6	5.7	<0.2
1273613	Soil	14	30	0.51	105	0.002	<1	1.85	0.008	0.07	<0.1	0.01	3.1	0.2	0.11	7	3.2	0.2
1273614	Soil	18	7	0.03	90	0.002	14	0.24	0.002	0.02	0.1	0.41	1.0	<0.1	<0.05	2	5.5	<0.2
1273609	Soil	16	31	0.22	448	0.005	2	1.05	0.008	0.07	0.2	<0.01	4.2	0.2	0.12	5	12.6	0.3
1273295	Soil	19	31	0.06	965	0.003	3	0.84	0.005	0.06	<0.1	<0.01	5.2	0.3	<0.05	5	8.3	0.2
1273296	Soil	19	32	0.06	549	0.005	3	0.74	0.005	0.06	0.1	0.01	5.4	0.2	0.06	4	7.2	0.2
1273299	Soil	18	24	0.02	540	0.002	4	0.54	0.003	0.04	0.1	<0.01	5.0	0.2	<0.05	3	6.6	<0.2
1273605	Soil	14	34	0.16	304	0.014	2	0.90	0.003	0.03	<0.1	<0.01	4.4	0.1	<0.05	4	2.6	<0.2
1273428	Soil	9	21	0.30	233	0.042	<1	2.72	0.036	0.04	0.2	0.02	4.1	0.2	0.45	11	16.7	0.2
1272499	Soil	7	30	0.16	246	0.046	<1	3.08	0.051	0.06	0.2	<0.01	6.5	0.2	0.38	11	7.3	0.3
1272485	Soil	20	44	0.36	337	0.035	2	1.86	0.009	0.09	0.2	0.02	5.2	0.3	0.07	6	5.9	<0.2
1273604	Soil	15	32	0.16	291	0.018	2	1.05	0.007	0.04	<0.1	0.01	4.1	0.1	<0.05	4	2.0	<0.2
1272483	Soil	15	49	0.12	288	0.013	1	1.33	0.004	0.07	<0.1	0.01	3.4	0.2	<0.05	4	1.3	<0.2
1272500	Soil	17	43	0.13	523	0.036	<1	2.94	0.043	0.05	0.2	0.05	7.3	0.4	0.23	9	11.3	0.4
1272474	Soil	16	69	0.52	206	0.029	<1	2.43	0.009	0.09	0.1	0.03	2.7	0.3	0.13	6	15.2	<0.2
1273426	Soil	24	41	0.17	450	0.020	<1	2.41	0.052	0.08	0.5	0.06	5.0	0.7	0.30	8	21.8	0.3
1272484	Soil	19	52	0.11	234	0.016	<1	1.18	0.004	0.06	<0.1	0.01	3.5	0.2	<0.05	5	1.2	<0.2
1272482	Soil	5	69	0.48	310	0.025	<1	3.13	0.013	0.15	0.1	0.02	5.0	0.2	0.45	7	6.4	<0.2
1272498	Soil	5	22	0.18	177	0.025	<1	2.42	0.031	0.05	0.1	0.02	4.4	0.1	0.38	10	8.1	0.4
1273427	Soil	22	34	0.29	442	0.035	<1	2.62	0.030	0.07	0.7	0.06	4.9	0.5	0.25	9	28.0	0.3
1272496	Soil	11	54	0.75	399	0.099	1	7.01	0.066	0.36	0.3	0.07	6.2	0.9	0.63	15	16.3	0.5
1272494	Soil	13	42	0.54	598	0.052	1	5.20	0.075	0.47	0.2	0.06	5.0	1.0	0.54	12	12.4	0.8
1272479	Soil	19	75	0.59	156	0.038	<1	2.30	0.009	0.10	0.3	0.05	3.9	0.3	0.13	6	8.5	<0.2
1272491	Soil	25	42	0.32	622	0.035	<1	2.84	0.023	0.06	0.3	0.03	4.5	0.4	0.17	10	17.4	0.5



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	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		ppm 0.1	ppm 0.1	ppm 0.1	ppm 1	ppm 0.1	ppm 0.1	ppm 0.1	ppm 1	% 0.01	ppm 0.5	ppm 0.1	ppb 0.5	ppm 0.1	ppm 1	ppm 0.1	ppm 0.1	ppm 0.1	ppm 2	% 0.01	% 0.001
1272495	Soil	2.2	81.6	48.5	154	2.4	30.8	5.3	171	12.34	149.1	3.8	17.2	4.7	68	0.1	2.1	1.3	99	0.02	0.220
1272497	Soil	3.2	120.6	39.2	113	0.4	26.6	4.0	118	14.05	134.8	2.6	87.2	7.7	85	<0.1	1.6	0.6	54	0.02	0.202
1272481	Soil	6.7	289.9	22.1	297	1.4	46.9	6.5	182	21.56	24.3	3.3	15.5	4.5	33	<0.1	2.5	0.6	61	0.01	0.191
1272480	Soil	6.5	320.0	35.2	438	2.0	67.1	5.1	120	20.95	55.9	4.7	7.8	7.3	73	0.2	9.2	0.4	86	0.02	0.250
1272477	Soil	6.1	75.7	17.9	165	0.9	26.2	5.6	198	5.76	20.3	3.2	3.9	7.5	15	0.1	3.7	0.4	40	0.03	0.118
1272476	Soil	6.3	164.4	64.9	385	1.4	37.9	10.7	138	11.53	34.4	5.2	6.1	14.3	25	<0.1	12.4	1.9	35	0.01	0.213
1272493	Soil	8.8	142.1	51.6	155	1.6	44.8	8.7	172	8.86	128.7	4.1	14.6	8.1	102	0.3	7.7	0.9	84	0.08	0.275
1272478	Soil	4.9	106.8	20.8	216	1.1	36.8	8.0	256	8.78	28.9	4.1	2.1	9.1	19	0.2	4.2	0.5	53	0.02	0.159
1272492	Soil	67.5	99.1	42.5	100	4.1	44.1	3.6	103	5.53	165.4	13.2	7.8	8.8	157	0.2	24.8	0.5	163	0.42	0.729
1272489	Soil	19.5	89.0	47.0	134	1.7	36.4	2.4	102	6.23	118.3	7.6	8.4	9.4	66	0.4	13.3	0.8	90	0.04	0.249
1272490	Soil	21.1	113.1	48.8	99	3.3	36.4	4.3	142	6.08	120.2	6.6	11.9	4.1	98	0.2	11.8	0.6	100	0.10	0.293
1272475	Soil	7.4	128.1	26.7	246	0.9	55.0	9.0	263	7.86	20.8	4.0	10.9	9.3	32	0.2	4.6	0.6	46	0.03	0.125
1273034	Soil	10.4	111.8	46.2	368	1.2	73.0	17.6	595	4.94	309.1	5.1	44.3	1.3	24	1.6	11.4	6.0	26	0.07	0.196
1272486	Soil	8.7	89.9	19.9	111	0.6	36.0	6.7	105	3.49	52.5	2.9	9.8	4.4	34	0.2	3.8	0.7	54	0.05	0.092
1272487	Soil	10.8	97.7	25.7	94	0.4	27.5	3.9	88	4.26	70.7	3.2	10.7	3.3	38	0.2	6.3	0.7	69	0.04	0.102
1272488	Soil	11.5	89.0	15.2	124	0.2	26.6	3.3	48	3.84	41.2	2.0	14.1	5.8	23	0.1	3.6	0.4	65	<0.01	0.048
1273043	Soil	4.5	52.5	27.2	23	0.4	2.7	0.5	12	5.31	523.7	2.6	15.2	6.4	9	<0.1	6.3	1.5	27	<0.01	0.074
1273036	Soil	11.1	65.9	34.9	27	0.4	3.1	0.5	14	3.57	439.2	6.5	12.9	5.6	57	0.1	9.8	2.5	32	0.03	0.113
1273037	Soil	1.0	8.4	3.5	7	<0.1	1.7	0.9	32	0.52	30.0	0.5	1.8	0.3	7	<0.1	0.5	0.2	13	0.08	0.042
1273033	Soil	5.4	32.9	97.7	104	1.6	17.7	4.3	55	2.14	257.8	1.3	48.6	1.5	14	<0.1	6.3	9.4	19	0.01	0.081



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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
		La	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	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1272495	Soil	10	41	0.46	461	0.086	<1	3.16	0.031	0.46	0.2	0.08	4.3	1.3	0.28	11	16.5	1.1
1272497	Soil	7	29	0.36	233	0.034	<1	4.08	0.041	0.09	<0.1	0.01	5.2	0.2	0.61	11	3.3	0.3
1272481	Soil	4	81	0.62	281	0.035	<1	3.51	0.012	0.15	0.1	0.02	5.4	0.2	0.53	7	9.1	<0.2
1272480	Soil	8	151	0.52	358	0.040	<1	3.18	0.008	0.13	0.1	0.05	6.2	0.2	0.47	7	13.7	<0.2
1272477	Soil	16	72	0.44	123	0.025	<1	1.51	0.012	0.08	0.2	0.03	2.2	0.3	0.05	5	11.1	<0.2
1272476	Soil	16	48	0.45	117	0.015	<1	1.66	0.007	0.05	<0.1	0.04	1.8	0.2	0.12	7	56.8	0.5
1272493	Soil	11	29	0.18	398	0.051	<1	3.22	0.034	0.08	0.3	0.02	5.3	0.3	0.27	10	8.6	0.4
1272478	Soil	17	77	0.55	165	0.031	1	2.13	0.008	0.08	0.2	0.04	3.0	0.3	0.10	6	11.1	<0.2
1272492	Soil	17	32	0.18	574	0.041	<1	2.85	0.032	0.06	0.6	0.03	3.7	0.3	0.20	8	15.7	0.4
1272489	Soil	26	38	0.28	423	0.019	<1	1.69	0.010	0.05	0.2	0.02	4.0	0.3	0.11	7	15.8	0.3
1272490	Soil	17	37	0.24	433	0.030	<1	2.55	0.025	0.07	0.2	0.02	3.5	0.4	0.19	8	12.7	0.3
1272475	Soil	19	78	0.56	230	0.027	<1	2.49	0.009	0.10	0.1	0.03	2.5	0.3	0.12	6	13.1	<0.2
1273034	Soil	21	16	0.03	242	0.002	8	0.45	0.005	0.06	0.9	0.01	1.6	0.2	0.09	2	6.9	0.4
1272486	Soil	17	30	0.24	240	0.027	1	1.41	0.013	0.05	0.2	0.02	2.9	0.2	<0.05	5	5.8	<0.2
1272487	Soil	17	41	0.24	288	0.019	1	1.44	0.010	0.04	0.2	0.03	2.3	0.2	<0.05	5	7.4	<0.2
1272488	Soil	17	49	0.20	334	0.004	<1	1.03	0.002	0.03	<0.1	<0.01	2.2	0.1	<0.05	4	12.8	<0.2
1273043	Soil	8	10	<0.01	220	0.001	<1	0.27	0.002	0.02	0.1	<0.01	1.1	<0.1	<0.05	2	4.3	<0.2
1273036	Soil	11	9	0.01	728	0.002	2	0.34	0.004	0.02	0.4	<0.01	1.1	0.1	<0.05	2	6.9	0.4
1273037	Soil	3	3	0.03	40	0.015	1	0.27	0.021	0.02	<0.1	0.01	0.3	<0.1	<0.05	1	<0.5	<0.2
1273033	Soil	16	7	0.01	258	0.004	4	0.18	0.006	0.09	0.5	0.02	1.6	0.2	0.10	1	8.1	0.3



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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
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01
Pulp Duplicates																				
1273535	Soil	1.5	86.0	98.5	76	1.3	14.3	2.4	44	6.47	1784	4.7	72.7	8.6	26	0.3	18.9	30.9	12	<0.01
REP 1273535	QC	1.5	82.7	99.1	71	1.2	13.7	2.3	41	6.15	1684	4.6	100.1	8.8	24	0.3	17.8	30.2	11	<0.01
1273557	Soil	3.6	44.0	39.6	37	0.7	11.3	1.0	36	3.41	274.9	1.6	22.3	5.0	17	<0.1	6.1	5.8	28	<0.01
REP 1273557	QC	3.5	45.1	40.4	36	0.7	10.8	1.1	34	3.29	273.7	1.6	19.2	5.1	17	<0.1	6.1	5.9	29	<0.01
1273260	Soil	3.8	77.2	15.4	89	0.4	39.8	4.3	99	6.80	179.4	2.5	25.2	9.2	8	<0.1	10.4	0.5	55	<0.01
REP 1273260	QC	3.9	77.1	15.0	88	0.4	40.2	4.4	96	6.83	182.2	2.5	26.4	9.1	8	<0.1	10.4	0.4	55	<0.01
1273263	Soil	4.9	86.7	24.8	31	0.2	10.2	1.5	26	5.06	211.0	2.8	47.3	8.6	31	<0.1	14.8	1.0	36	<0.01
REP 1273263	QC	4.8	86.5	24.6	30	0.2	10.0	1.5	25	4.85	210.0	2.7	47.8	8.7	31	<0.1	14.3	1.0	34	<0.01
1273047	Soil	3.9	72.8	28.5	54	0.6	23.6	4.1	23	4.10	72.4	4.0	9.6	10.2	20	<0.1	10.7	0.6	54	<0.01
REP 1273047	QC	4.0	71.4	26.5	55	0.6	21.9	3.9	23	4.14	71.4	3.9	10.1	9.9	18	<0.1	10.9	0.5	53	<0.01
1273495	Soil	5.0	51.1	27.2	83	0.8	18.8	1.6	35	3.73	109.4	2.2	33.9	5.5	15	<0.1	12.8	2.3	44	0.01
REP 1273495	QC	4.7	50.9	28.6	82	0.8	18.6	1.6	35	3.76	110.0	2.2	36.5	5.8	15	<0.1	13.2	2.5	45	<0.01
1273760	Soil	7.6	53.0	121.5	140	0.6	15.2	2.7	190	7.44	134.7	2.7	16.3	7.1	37	0.3	5.7	3.1	67	0.02
REP 1273760	QC	8.0	52.5	117.2	139	0.6	15.7	2.8	192	7.65	136.4	2.6	14.6	7.2	38	0.3	5.8	3.2	69	0.02
1273190	Soil	5.3	66.0	57.7	105	0.5	36.5	3.5	96	7.16	296.3	3.4	9.8	8.8	28	0.1	5.4	1.8	57	0.01
REP 1273190	QC	5.0	66.3	57.9	103	0.5	35.9	3.5	96	6.94	286.7	3.2	7.2	8.4	28	0.1	5.4	1.7	57	0.01
1273188	Soil	2.5	40.7	25.4	46	0.3	12.9	1.2	33	3.47	101.9	1.3	20.0	8.0	11	<0.1	6.5	1.2	34	<0.01
REP 1273188	QC	2.6	42.6	24.8	47	0.3	13.0	1.3	32	3.43	102.3	1.3	18.1	7.9	11	<0.1	6.7	1.1	35	<0.01
1273705	Soil	5.6	62.8	19.2	55	0.3	13.5	1.7	27	4.28	105.7	2.2	12.7	7.4	13	<0.1	15.9	0.5	20	<0.01
REP 1273705	QC	5.2	65.0	19.9	56	0.3	13.7	1.7	26	4.08	103.9	2.3	13.9	7.4	13	<0.1	15.3	0.5	21	<0.01
1273130	Soil	3.9	52.7	12.9	114	0.4	98.3	4.1	39	10.92	376.6	2.7	6.7	7.4	75	0.1	1.5	1.1	28	<0.01
REP 1273130	QC	3.7	51.7	12.7	111	0.4	98.8	4.0	40	11.44	367.0	2.8	6.1	7.4	74	0.1	1.5	1.1	27	0.01
1273123	Soil	3.2	57.6	16.0	94	0.1	87.1	1.6	31	2.98	162.2	2.1	3.9	9.1	57	<0.1	2.0	0.6	35	0.02
REP 1273123	QC	3.0	56.8	15.9	94	0.1	85.2	1.6	31	2.95	163.8	2.0	1.4	9.3	58	0.1	2.0	0.5	35	0.02
1273147	Soil	36.0	37.4	114.1	58	1.8	13.1	1.4	39	3.21	391.7	5.7	33.8	9.7	43	0.2	24.3	2.6	122	0.01
REP 1273147	QC	36.8	36.9	113.4	59	1.8	13.9	1.4	40	3.21	396.8	5.7	27.3	9.3	42	0.3	24.3	2.6	123	0.01
1273140	Soil	13.5	93.4	44.7	20	0.2	2.3	0.3	8	3.93	592.7	5.7	15.8	6.3	28	<0.1	12.6	3.3	34	0.01
REP 1273140	QC	14.3	94.8	45.5	22	0.3	2.5	0.3	9	4.02	591.7	6.0	16.6	6.4	30	0.1	12.8	3.5	35	0.01



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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
		La	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	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
1273535	Soil	15	10	0.01	280	0.002	7	0.44	0.002	0.03	<0.1	<0.01	1.5	0.1	<0.05	2	3.3	0.9
REP 1273535	QC	15	9	0.01	262	0.002	2	0.42	0.002	0.02	<0.1	<0.01	1.4	0.1	<0.05	2	3.8	0.9
1273557	Soil	17	20	0.10	278	0.007	3	0.54	0.004	0.08	0.1	<0.01	2.1	0.2	<0.05	3	5.9	0.4
REP 1273557	QC	17	21	0.10	295	0.007	2	0.54	0.003	0.06	0.1	<0.01	2.0	0.1	0.07	3	6.3	0.2
1273260	Soil	20	20	0.02	411	0.001	6	0.46	0.003	0.04	0.2	0.02	3.2	0.2	<0.05	3	3.6	<0.2
REP 1273260	QC	20	20	0.02	410	0.001	4	0.45	0.003	0.04	0.1	0.02	3.3	0.2	<0.05	3	3.7	<0.2
1273263	Soil	24	21	0.03	238	0.003	7	0.44	0.003	0.04	0.3	0.02	4.6	0.2	<0.05	3	5.0	0.2
REP 1273263	QC	23	21	0.03	240	0.003	6	0.42	0.003	0.04	0.2	0.02	4.5	0.2	<0.05	3	4.8	0.2
1273047	Soil	26	32	0.03	841	0.002	4	0.89	0.003	0.05	<0.1	<0.01	4.7	0.3	<0.05	5	6.3	0.2
REP 1273047	QC	23	32	0.03	756	0.002	3	0.79	0.003	0.04	<0.1	<0.01	4.6	0.3	<0.05	4	6.1	0.2
1273495	Soil	18	19	0.03	257	0.005	8	0.51	0.005	0.04	0.2	<0.01	4.3	0.1	<0.05	3	4.5	0.3
REP 1273495	QC	18	19	0.03	261	0.005	8	0.51	0.005	0.05	0.2	0.01	4.4	0.1	<0.05	3	4.3	0.2
1273760	Soil	18	32	0.44	209	0.004	<1	1.61	0.008	0.08	0.1	0.02	3.5	0.2	<0.05	6	5.3	0.3
REP 1273760	QC	18	32	0.45	209	0.004	1	1.60	0.007	0.09	0.1	0.02	3.6	0.2	<0.05	6	5.1	0.3
1273190	Soil	14	32	0.37	316	0.027	3	1.99	0.008	0.17	0.2	<0.01	5.4	0.4	0.09	6	5.0	0.2
REP 1273190	QC	14	32	0.37	289	0.020	4	1.96	0.008	0.17	0.2	0.02	5.2	0.4	0.11	6	5.1	<0.2
1273188	Soil	25	25	0.08	327	0.005	6	0.76	0.005	0.08	<0.1	<0.01	3.0	0.2	<0.05	4	6.5	0.2
REP 1273188	QC	24	26	0.08	342	0.005	5	0.81	0.005	0.08	<0.1	<0.01	3.0	0.2	<0.05	4	5.7	0.3
1273705	Soil	25	20	0.02	369	0.001	8	0.42	0.004	0.04	<0.1	<0.01	4.1	0.1	<0.05	2	3.8	<0.2
REP 1273705	QC	25	20	0.02	368	0.002	14	0.42	0.004	0.04	<0.1	<0.01	4.0	0.1	0.18	3	4.4	<0.2
1273130	Soil	6	12	0.25	222	0.014	<1	4.46	0.035	0.22	<0.1	0.01	2.4	0.7	0.52	9	5.3	0.3
REP 1273130	QC	6	12	0.26	223	0.013	<1	4.61	0.035	0.21	<0.1	<0.01	2.4	0.7	0.52	9	5.1	0.3
1273123	Soil	23	14	0.15	330	0.016	<1	2.30	0.003	0.07	<0.1	<0.01	2.1	0.4	<0.05	7	1.4	<0.2
REP 1273123	QC	23	14	0.14	328	0.017	<1	2.16	0.003	0.06	<0.1	0.01	2.0	0.4	<0.05	7	1.5	<0.2
1273147	Soil	17	26	0.08	520	<0.001	4	0.66	0.010	0.14	0.4	<0.01	5.0	0.6	0.11	4	20.5	0.3
REP 1273147	QC	17	27	0.08	517	0.001	3	0.65	0.010	0.14	0.4	0.02	4.8	0.6	0.13	3	20.7	0.4
1273140	Soil	16	14	<0.01	734	0.001	3	0.32	0.002	0.04	0.3	<0.01	2.4	<0.1	<0.05	3	7.8	0.2
REP 1273140	QC	17	16	<0.01	766	0.002	2	0.31	0.003	0.04	0.3	<0.01	2.3	0.1	<0.05	3	7.9	0.2



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		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01
1273153	Soil	13.7	25.9	45.0	21	0.3	2.3	0.3	6	2.65	285.2	4.3	10.4	8.2	29	0.2	14.1	1.2	35	0.01
REP 1273153	QC	13.9	25.8	46.1	21	0.3	2.1	0.2	6	2.73	292.0	4.5	13.8	8.5	30	0.1	14.3	1.3	36	0.01
1273298	Soil	5.7	83.3	28.2	73	0.7	23.3	4.5	58	3.90	77.9	3.7	13.8	6.6	20	<0.1	13.1	0.6	36	<0.01
REP 1273298	QC	5.9	87.3	30.7	78	0.8	26.0	4.7	64	4.20	83.9	3.8	12.4	7.2	23	<0.1	14.0	0.7	40	0.01
1273601	Soil	1.4	400.8	19.8	144	0.2	204.3	67.6	707	13.15	3.1	1.2	30.6	6.6	13	<0.1	0.3	0.2	190	0.26
REP 1273601	QC	1.5	443.3	21.4	158	0.2	214.3	72.4	740	13.92	3.7	1.2	28.6	7.1	14	<0.1	0.4	0.2	191	0.27
1272484	Soil	2.3	97.5	10.8	78	0.5	22.5	4.8	66	4.51	19.4	1.2	13.3	6.3	12	<0.1	2.3	0.3	52	0.01
REP 1272484	QC	2.6	102.2	10.9	82	0.5	24.1	5.0	71	4.72	19.8	1.2	13.7	6.4	14	0.1	2.4	0.3	57	0.01
1272477	Soil	6.1	75.7	17.9	165	0.9	26.2	5.6	198	5.76	20.3	3.2	3.9	7.5	15	0.1	3.7	0.4	40	0.03
REP 1272477	QC	6.1	75.8	18.1	163	0.9	26.7	5.6	198	5.70	20.3	3.2	0.9	7.6	15	0.1	3.6	0.4	40	0.03
Reference Materials																				
STD DS9	Standard	13.0	96.1	116.2	289	1.9	38.5	7.2	566	2.34	25.5	2.5	120.5	5.7	70	2.4	5.4	5.6	42	0.72
STD DS9	Standard	13.7	103.3	124.5	296	1.9	38.8	7.1	565	2.23	25.4	3.0	106.6	7.2	70	2.3	5.3	5.5	40	0.75
STD DS9	Standard	11.9	104.0	113.4	298	1.8	38.5	7.0	542	2.16	25.2	2.5	104.8	5.8	67	2.3	5.2	6.2	38	0.70
STD DS9	Standard	13.0	106.7	123.4	306	1.8	40.0	7.3	572	2.31	25.9	2.8	117.7	6.1	78	2.4	6.0	6.7	40	0.72
STD DS9	Standard	14.7	119.5	127.5	320	1.8	44.8	8.6	616	2.42	25.1	2.9	131.8	6.8	69	2.3	5.3	6.7	45	0.77
STD DS9	Standard	13.5	111.2	121.7	311	1.8	40.4	7.3	600	2.36	26.4	2.6	122.1	6.2	70	2.4	5.6	5.9	40	0.70
STD DS9	Standard	14.3	118.4	124.0	316	1.8	44.3	8.4	614	2.49	25.6	2.9	112.7	6.7	71	2.4	5.7	6.9	45	0.76
STD DS9	Standard	14.0	110.3	126.8	313	1.8	42.0	7.9	616	2.46	25.4	2.8	112.7	6.4	72	2.2	5.6	6.6	44	0.77
STD DS9	Standard	14.0	105.5	123.5	317	1.7	39.6	7.4	564	2.36	24.9	2.9	112.9	6.5	69	2.2	5.4	6.1	42	0.74
STD DS9	Standard	13.6	106.9	116.3	295	1.7	40.3	7.6	573	2.27	23.0	2.6	102.1	6.2	64	2.3	5.0	5.5	45	0.70
STD DS9	Standard	13.0	111.3	122.3	298	1.8	40.4	7.5	574	2.29	24.2	2.8	114.7	6.3	68	2.4	5.4	4.7	43	0.70
STD DS9	Standard	13.7	107.2	122.7	297	1.7	39.3	7.6	572	2.26	24.0	2.8	111.6	6.9	70	2.3	5.4	4.5	45	0.73
STD DS9	Standard	13.0	101.0	119.8	293	1.8	37.2	7.1	557	2.20	24.4	2.4	130.7	6.2	68	2.2	4.8	5.4	40	0.70
STD DS9 Expected		12.84	108	126	317	1.83	40.3	7.6	575	2.33	25.5	2.69	118	6.38	69.6	2.4	4.94	6.32	40	0.7201
BLK	Blank	<0.1	0.4	<0.1	<1	<0.1	<0.1	<0.1	<1	0.03	0.7	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01



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		1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Ti ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 0.2
1273153	Soil	11	7	<0.01	354	0.001	3	0.22	0.004	0.03	0.5	<0.01	0.9	0.1	<0.05	1	3.8	<0.2
REP 1273153	QC	12	7	<0.01	363	0.001	2	0.22	0.004	0.03	0.4	<0.01	0.9	<0.1	<0.05	1	3.4	<0.2
1273298	Soil	20	22	0.03	427	0.004	3	0.67	0.007	0.04	0.1	0.02	3.8	0.2	<0.05	3	4.9	<0.2
REP 1273298	QC	22	24	0.04	469	0.005	4	0.75	0.007	0.05	0.2	0.01	4.2	0.3	<0.05	4	5.5	<0.2
1273601	Soil	16	609	0.13	129	0.159	3	3.73	0.011	0.06	<0.1	0.03	33.0	0.1	<0.05	19	<0.5	<0.2
REP 1273601	QC	18	623	0.14	131	0.218	4	3.84	0.012	0.06	<0.1	0.02	35.6	0.1	<0.05	19	0.7	<0.2
1272484	Soil	19	52	0.11	234	0.016	<1	1.18	0.004	0.06	<0.1	0.01	3.5	0.2	<0.05	5	1.2	<0.2
REP 1272484	QC	19	54	0.11	234	0.017	<1	1.19	0.004	0.06	<0.1	0.01	3.5	0.2	<0.05	5	1.2	<0.2
1272477	Soil	16	72	0.44	123	0.025	<1	1.51	0.012	0.08	0.2	0.03	2.2	0.3	0.05	5	11.1	<0.2
REP 1272477	QC	16	72	0.45	124	0.026	<1	1.52	0.012	0.07	0.1	0.03	2.3	0.3	<0.05	5	10.7	<0.2
Reference Materials																		
STD DS9	Standard	14	120	0.63	310	0.111	4	0.96	0.101	0.39	3.1	0.23	3.0	5.5	0.16	5	5.2	5.1
STD DS9	Standard	15	120	0.61	311	0.116	3	0.96	0.090	0.35	3.1	0.19	2.7	5.4	0.05	5	4.8	5.2
STD DS9	Standard	12	110	0.58	305	0.101	3	0.84	0.104	0.35	2.8	0.21	2.9	5.3	0.19	5	5.4	4.9
STD DS9	Standard	13	116	0.63	304	0.110	3	0.99	0.108	0.38	3.0	0.23	3.2	5.4	0.16	5	4.4	5.7
STD DS9	Standard	14	142	0.67	288	0.127	3	0.95	0.090	0.36	2.9	0.21	2.5	5.6	0.25	5	5.5	5.3
STD DS9	Standard	13	120	0.61	321	0.107	4	0.93	0.080	0.37	3.1	0.22	2.7	5.5	0.08	5	6.3	5.6
STD DS9	Standard	14	135	0.66	300	0.126	3	0.98	0.087	0.36	3.2	0.21	2.5	5.6	0.24	5	5.6	5.2
STD DS9	Standard	13	134	0.66	304	0.114	3	0.98	0.094	0.38	3.2	0.21	2.8	5.6	0.21	5	5.6	5.2
STD DS9	Standard	15	127	0.61	303	0.123	3	0.91	0.080	0.35	3.0	0.19	2.5	5.5	<0.05	5	5.3	5.0
STD DS9	Standard	13	123	0.61	276	0.110	2	0.89	0.078	0.34	2.9	0.19	2.4	5.3	0.15	5	5.2	5.5
STD DS9	Standard	13	126	0.64	305	0.112	2	0.92	0.083	0.36	3.1	0.22	2.5	5.4	0.13	5	5.1	4.8
STD DS9	Standard	15	124	0.62	291	0.122	1	0.94	0.089	0.34	2.7	0.21	2.6	5.2	0.12	5	4.7	4.9
STD DS9	Standard	14	116	0.59	293	0.111	1	0.94	0.085	0.35	3.2	0.20	2.5	5.4	0.06	5	4.9	5.1
STD DS9 Expected		13.3	121	0.6165	295	0.1108		0.9577	0.0853	0.395	2.89	0.2	2.5	5.3	0.1615	4.59	5.2	5.02
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2



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Project:

MAC

Report Date:

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QUALITY CONTROL REPORT

DAW12000224.1

		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	0.02	0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	0.6	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	3	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	1.0	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001



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QUALITY CONTROL REPORT

DAW12000224.1

		1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Ti ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2



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Submitted By: Andy Randell
Receiving Lab: Canada-Dawson City
Received: August 13, 2012
Report Date: August 22, 2012
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CERTIFICATE OF ANALYSIS

DAW12000225.1

CLIENT JOB INFORMATION

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

SAMPLE DISPOSAL

PICKUP-PLP Client to Pickup Pulps
STOR-RJT-SOIL Store Soil Reject - RJSV Charges Apply

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: Ryan Gold Corp.
600 - 666 Burrard St.
Vancouver BC V6C 1H2
Canada

CC: Dave Schmidt
Isaac Fage

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
RJSV	320	Saving all or part of Soil Reject			DAW
1DX2	320	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.
All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. 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

DAW12000225.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		ppm 0.1	ppm 0.1	ppm 0.1	ppm 1	ppm 0.1	ppm 0.1	ppm 0.1	ppm 1	% 0.01	ppm 0.5	ppm 0.1	ppb 0.5	ppm 0.1	ppm 1	ppm 0.1	ppm 0.1	ppm 0.1	ppm 2	% 0.01
1273018	Soil	4.4	68.0	32.6	11	1.2	1.8	0.2	5	4.33	258.0	2.2	24.8	7.1	37	<0.1	9.2	5.8	59	<0.01
1273039	Soil	11.6	81.5	28.5	28	0.2	3.9	1.0	25	3.89	533.7	4.9	24.5	6.0	29	0.1	8.8	3.3	32	0.02
1273032	Soil	6.2	5.8	154.6	14	1.2	2.4	0.5	15	1.30	398.0	1.0	57.4	6.1	13	<0.1	5.8	4.2	9	<0.01
1273022	Soil	23.6	64.6	100.4	70	1.1	10.6	1.4	43	3.32	326.8	4.4	19.7	6.5	15	0.2	19.8	1.8	80	0.01
1273020	Soil	13.9	105.0	41.8	19	0.3	2.3	0.4	9	4.06	611.8	4.9	17.4	6.5	23	0.1	11.3	2.9	36	0.01
1273027	Soil	21.9	63.7	47.0	133	1.2	26.7	4.7	51	4.22	917.1	3.5	45.1	10.6	56	0.3	24.1	2.6	83	0.01
1273021	Soil	27.8	50.3	72.0	50	0.9	9.8	1.3	45	3.43	313.1	3.5	23.2	6.4	16	0.3	18.9	2.1	88	<0.01
1273016	Soil	3.4	30.1	41.6	13	1.8	1.7	0.2	8	3.16	222.1	2.4	34.9	6.7	78	<0.1	6.9	1.4	50	0.02
1273041	Soil	2.5	58.7	10.0	48	0.3	7.6	0.8	15	9.71	731.5	3.3	8.9	14.0	9	0.1	2.9	0.6	21	<0.01
1273038	Soil	10.7	83.6	33.9	26	0.2	3.8	0.8	18	4.53	643.3	5.5	23.5	5.3	24	0.1	8.4	2.5	39	0.02
1273042	Soil	2.5	58.7	16.3	52	0.4	9.4	0.6	12	7.27	512.6	5.0	25.2	13.8	52	0.1	5.3	1.0	21	0.03
1273023	Soil	29.1	60.1	175.1	38	1.4	8.0	0.9	25	2.66	271.9	4.2	39.0	7.3	16	0.3	18.8	2.0	74	<0.01
1273017	Soil	4.9	75.9	37.0	10	1.9	1.5	0.1	4	4.59	277.9	2.6	30.9	8.0	42	<0.1	9.8	10.8	55	<0.01
1273014	Soil	7.4	29.1	63.7	37	1.7	3.9	0.6	16	4.32	258.8	4.9	57.2	9.4	81	<0.1	13.3	2.1	85	0.03
1273019	Soil	10.2	76.4	83.1	19	0.2	2.6	0.3	6	2.77	370.8	4.1	29.1	5.4	26	<0.1	10.6	19.3	31	0.01
1273029	Soil	9.0	22.9	122.1	42	1.3	4.8	0.8	19	1.65	291.6	3.3	41.4	4.6	73	<0.1	10.8	3.0	38	0.03
1273015	Soil	3.4	47.2	39.4	13	2.2	1.5	0.2	5	3.88	229.1	3.2	36.0	7.6	64	<0.1	7.1	2.0	60	0.02
1273031	Soil	6.9	11.2	111.6	17	1.4	2.5	0.7	24	1.40	195.2	1.5	66.9	4.8	24	<0.1	5.4	3.5	20	0.02
1273030	Soil	7.7	8.8	58.2	16	1.3	1.9	0.4	12	1.16	170.6	1.7	120.7	3.9	32	<0.1	6.3	3.9	17	0.01
1273040	Soil	4.3	59.5	19.9	39	0.5	3.6	0.8	19	7.67	765.4	4.0	14.0	6.7	15	0.2	4.6	1.3	37	0.02
1273028	Soil	20.1	23.3	63.5	46	1.4	9.9	0.6	14	2.81	335.1	4.8	37.3	9.8	66	<0.1	19.3	2.1	86	0.02
1273012	Soil	7.6	15.1	86.7	68	2.1	6.7	1.0	31	4.71	338.3	2.2	63.4	9.4	33	<0.1	13.3	1.8	60	0.01
1273013	Soil	12.8	11.1	113.7	50	2.7	4.9	0.5	18	7.49	389.9	1.7	94.6	8.1	35	<0.1	14.5	2.0	61	<0.01
1273024	Soil	8.7	43.2	27.4	34	0.7	5.7	0.6	15	1.92	89.3	6.6	16.0	3.9	9	0.4	11.6	1.0	65	<0.01
1273035	Soil	7.7	72.0	23.4	116	0.6	33.5	4.9	66	4.26	447.3	2.2	34.8	4.8	40	0.1	9.2	2.0	26	0.02
1273025	Soil	9.1	60.5	30.7	39	0.7	6.6	0.7	17	2.33	107.7	5.4	21.1	4.3	9	0.2	11.3	0.9	73	<0.01
1273026	Soil	37.4	84.8	131.2	307	1.2	58.9	9.8	57	4.81	453.7	8.4	34.0	7.9	55	0.8	25.3	2.0	113	<0.01
1272392	Soil	7.0	59.0	32.7	113	0.3	31.0	5.3	135	5.62	85.8	2.3	7.2	3.7	21	0.2	5.2	0.8	66	0.05
1272396	Soil	14.8	109.8	42.4	203	0.5	43.0	4.5	86	8.46	155.2	6.3	4.1	9.3	28	0.4	9.0	0.8	109	0.01
1272397	Soil	16.3	107.8	18.9	166	0.8	34.5	2.9	55	5.92	143.0	5.3	7.3	8.1	30	0.5	9.0	0.8	102	0.02



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CERTIFICATE OF ANALYSIS

DAW12000225.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
1273018	Soil	16	32	<0.01	713	<0.001	7	0.33	0.004	0.06	0.2	<0.01	2.9	0.2	0.06	4	7.2
1273039	Soil	16	9	0.02	625	0.002	3	0.39	0.004	0.03	0.4	0.01	1.0	0.2	<0.05	2	7.5
1273032	Soil	13	5	<0.01	294	0.007	18	0.09	0.008	0.16	0.5	<0.01	1.9	0.2	0.28	<1	8.7
1273022	Soil	17	26	0.05	256	0.002	6	0.53	0.008	0.08	0.6	0.03	5.2	0.7	<0.05	3	10.4
1273020	Soil	16	16	0.01	672	0.001	4	0.34	0.003	0.04	0.3	<0.01	2.1	0.1	<0.05	3	6.5
1273027	Soil	18	18	0.02	219	<0.001	7	0.45	0.006	0.07	0.4	0.02	3.4	0.5	0.09	2	12.1
1273021	Soil	16	20	0.08	371	0.003	7	0.61	0.009	0.09	0.5	0.02	3.8	0.5	<0.05	3	10.7
1273016	Soil	16	16	<0.01	576	0.001	8	0.34	0.010	0.13	<0.1	<0.01	1.6	0.6	0.16	3	7.8
1273041	Soil	4	9	<0.01	200	<0.001	3	0.48	0.002	0.03	<0.1	<0.01	0.8	<0.1	<0.05	2	1.9
1273038	Soil	16	10	0.02	584	0.002	3	0.41	0.004	0.03	0.4	<0.01	1.1	0.2	<0.05	2	6.8
1273042	Soil	10	9	<0.01	504	<0.001	3	0.52	0.005	0.04	0.2	<0.01	0.9	0.1	<0.05	2	3.6
1273023	Soil	17	21	0.03	372	0.001	6	0.51	0.007	0.11	0.5	0.03	4.6	0.7	0.08	3	12.4
1273017	Soil	20	26	<0.01	672	<0.001	9	0.32	0.005	0.09	0.2	<0.01	2.9	0.3	0.06	4	8.1
1273014	Soil	23	23	0.02	433	0.002	12	0.76	0.020	0.25	0.1	0.02	3.0	0.8	0.39	5	8.3
1273019	Soil	18	16	0.01	589	0.001	26	0.30	0.003	0.02	0.2	<0.01	1.8	0.1	<0.05	3	9.8
1273029	Soil	17	9	<0.01	312	0.003	6	0.27	0.005	0.05	0.7	0.01	1.8	0.1	<0.05	<1	4.7
1273015	Soil	20	18	<0.01	737	0.001	8	0.31	0.011	0.12	<0.1	0.01	2.0	0.3	0.12	3	9.3
1273031	Soil	13	6	0.01	280	0.010	7	0.17	0.010	0.16	0.5	<0.01	1.1	0.2	0.22	1	6.1
1273030	Soil	12	5	<0.01	250	0.004	5	0.14	0.006	0.13	0.5	<0.01	0.9	0.2	0.15	<1	5.5
1273040	Soil	9	17	0.01	291	0.002	3	0.41	0.006	0.03	<0.1	<0.01	1.4	<0.1	<0.05	3	2.0
1273028	Soil	21	18	0.02	343	<0.001	5	0.45	0.005	0.08	0.5	0.02	4.2	0.4	<0.05	2	12.0
1273012	Soil	23	16	0.04	284	0.002	11	0.54	0.021	0.33	0.2	0.01	2.4	0.7	0.59	3	10.3
1273013	Soil	17	27	0.03	75	0.002	11	0.49	0.046	0.75	0.2	0.03	4.4	1.3	1.61	5	14.8
1273024	Soil	11	19	0.07	118	0.056	2	0.67	0.002	0.03	<0.1	0.03	3.6	0.2	<0.05	6	9.4
1273035	Soil	17	18	0.08	326	0.003	5	0.61	0.006	0.09	0.5	0.01	2.3	0.2	<0.05	2	9.2
1273025	Soil	12	21	0.08	125	0.049	3	0.73	0.002	0.03	<0.1	0.02	3.3	0.2	<0.05	7	10.2
1273026	Soil	13	28	0.02	236	<0.001	5	0.64	0.005	0.10	0.8	0.04	5.5	0.6	0.18	2	18.9
1272392	Soil	15	29	0.32	158	0.023	1	1.75	0.012	0.07	0.3	0.03	2.5	0.2	<0.05	6	3.9
1272396	Soil	11	32	0.18	212	0.023	<1	1.90	0.008	0.06	<0.1	0.01	4.2	0.4	<0.05	7	11.6
1272397	Soil	13	27	0.12	214	0.020	<1	1.59	0.009	0.05	<0.1	0.02	3.6	0.5	<0.05	6	11.9



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Project: MAC
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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	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		ppm 0.1	ppm 0.1	ppm 0.1	ppm 1	ppm 0.1	ppm 0.1	ppm 0.1	ppm 1	% 0.01	ppm 0.5	ppm 0.1	ppb 0.5	ppm 0.1	ppm 1	ppm 0.1	ppm 0.1	ppm 0.1	ppm 2	% 0.01
1272395	Soil	11.7	98.2	43.2	166	0.6	37.6	4.7	92	6.74	126.6	5.0	4.3	7.7	24	0.4	7.6	0.6	94	0.02
1272398	Soil	22.9	73.8	19.3	154	0.8	31.4	2.8	58	3.68	87.8	5.3	4.0	6.9	41	0.2	12.9	0.4	103	0.02
1273396	Soil	11.1	94.2	27.8	62	0.3	10.4	1.2	22	4.94	75.6	3.7	13.2	8.5	8	<0.1	12.8	0.8	39	<0.01
1273398	Soil	7.1	67.4	18.0	61	0.3	14.4	2.3	46	4.15	77.9	2.2	11.8	7.8	8	<0.1	14.0	0.5	23	<0.01
1272393	Soil	12.3	90.3	32.9	163	0.7	47.7	7.6	159	5.31	79.6	5.0	5.4	6.3	34	0.5	6.2	0.8	104	0.04
1272394	Soil	21.8	98.1	32.1	246	0.6	52.1	4.6	87	6.07	79.6	8.0	5.4	7.1	49	0.7	6.9	0.8	173	0.06
1272379	Soil	2.0	78.6	20.5	71	0.4	31.6	4.5	148	3.23	161.3	2.1	20.9	4.5	16	<0.1	6.5	1.3	38	0.01
1273395	Soil	11.7	97.7	24.4	73	0.5	11.4	1.0	16	4.66	84.8	3.6	18.2	9.8	8	<0.1	14.1	1.6	34	<0.01
1273400	Soil	5.9	86.1	32.9	76	0.5	21.4	2.7	50	5.04	114.9	3.8	13.2	9.0	20	<0.1	19.2	0.8	39	<0.01
1273393	Soil	38.2	55.8	25.0	63	0.4	7.0	0.5	16	5.28	87.8	2.7	25.8	11.3	4	<0.1	15.9	1.1	39	<0.01
1273397	Soil	6.0	66.3	22.3	67	0.3	18.4	2.2	31	4.43	97.1	2.4	12.9	9.7	18	<0.1	19.5	0.6	18	<0.01
1273394	Soil	11.7	112.0	26.9	50	0.3	6.9	0.8	10	4.69	85.4	4.4	12.1	9.1	7	<0.1	13.9	1.2	39	<0.01
1272377	Soil	5.1	74.0	35.2	53	0.8	18.5	2.3	33	3.85	89.7	3.5	14.9	7.6	29	<0.1	13.2	0.8	41	0.01
1272376	Soil	5.1	77.9	31.5	56	0.6	17.8	2.3	38	3.82	115.1	3.3	15.5	6.9	23	<0.1	14.3	1.0	40	0.02
1272389	Soil	4.1	47.5	58.3	108	0.2	29.8	6.1	162	4.84	72.0	2.1	4.3	1.6	18	0.4	4.3	3.4	61	0.05
1272383	Soil	23.1	79.7	116.2	192	1.0	52.3	2.1	90	8.50	124.9	10.6	24.2	11.0	42	0.2	16.0	2.5	155	0.02
1272378	Soil	5.3	82.0	39.6	60	0.6	19.8	2.3	30	4.44	110.9	4.1	15.1	8.9	33	<0.1	15.7	1.1	43	<0.01
1273399	Soil	4.3	58.9	40.8	63	0.9	18.4	1.6	19	3.96	86.1	4.8	7.6	8.8	36	<0.1	14.1	0.6	43	<0.01
1272384	Soil	19.4	93.4	69.0	162	0.7	26.9	1.9	112	11.90	218.9	9.7	18.0	13.9	35	0.3	15.4	4.5	151	0.02
1272382	Soil	14.3	61.4	72.5	67	2.7	20.0	1.2	50	5.86	166.5	4.7	17.6	9.3	29	0.2	11.9	1.3	50	<0.01
1272387	Soil	20.9	120.4	39.7	244	0.8	40.7	2.9	89	11.38	83.8	10.0	773.9	11.0	38	0.7	9.1	6.4	193	0.03
1272380	Soil	5.5	80.5	37.2	63	0.6	21.8	2.6	49	4.12	112.3	3.8	15.0	8.4	29	<0.1	14.3	1.0	43	<0.01
1272381	Soil	1.7	73.5	22.9	93	0.2	22.7	2.4	74	6.18	251.1	1.7	41.1	6.9	13	0.2	5.3	3.5	47	<0.01
1272385	Soil	8.6	94.0	68.0	96	0.7	10.5	1.9	72	10.89	197.8	4.7	18.1	14.7	14	0.2	13.4	3.5	88	0.02
1272390	Soil	10.7	77.9	74.6	101	1.3	29.3	2.4	84	7.83	76.2	7.5	7.7	4.1	26	0.3	7.8	1.6	102	0.02
1272386	Soil	4.1	48.5	39.7	121	0.5	19.8	2.9	91	6.23	92.8	3.7	7.7	7.6	18	0.1	8.0	1.1	63	0.02
1273329	Soil	3.3	98.1	25.6	153	0.3	65.7	4.3	83	13.64	719.3	5.7	13.1	12.5	69	0.2	4.4	2.2	32	0.01
1273332	Soil	2.4	64.4	37.2	87	0.3	90.1	4.1	74	5.18	374.4	2.6	12.5	9.9	54	0.1	10.7	1.0	23	0.02
1273328	Soil	3.6	71.1	21.5	83	0.5	126.8	2.7	36	8.28	868.2	5.1	19.3	10.5	99	0.2	3.8	1.5	28	0.02
1272388	Soil	9.5	90.5	73.9	140	0.7	40.8	6.1	192	8.72	109.5	6.6	10.6	8.3	27	0.3	7.6	1.7	107	0.03



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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
		La	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	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1272395	Soil	11	27	0.18	176	0.026	<1	1.67	0.011	0.06	0.1	0.01	3.8	0.4	<0.05	6	9.1	<0.2
1272398	Soil	14	24	0.08	262	0.027	<1	1.68	0.009	0.05	<0.1	0.02	3.6	0.6	<0.05	7	15.1	<0.2
1273396	Soil	27	41	0.01	310	<0.001	4	0.50	0.005	0.04	<0.1	0.01	6.0	0.1	<0.05	5	8.4	0.3
1273398	Soil	24	22	0.01	243	0.001	7	0.43	0.004	0.03	<0.1	<0.01	4.2	0.1	<0.05	3	4.6	<0.2
1272393	Soil	16	30	0.35	281	0.031	<1	2.19	0.015	0.09	0.1	0.02	3.9	0.4	<0.05	7	7.1	<0.2
1272394	Soil	12	29	0.29	327	0.023	<1	2.39	0.022	0.12	0.2	0.02	3.8	0.4	0.10	7	13.2	<0.2
1272379	Soil	15	30	0.11	329	0.010	4	0.94	0.003	0.04	<0.1	<0.01	4.3	0.1	<0.05	4	2.5	<0.2
1273395	Soil	27	34	0.01	340	0.001	7	0.50	0.003	0.04	0.1	<0.01	6.6	0.1	0.08	4	8.0	0.3
1273400	Soil	22	29	0.03	506	0.003	4	0.64	0.004	0.05	0.1	<0.01	5.6	0.2	<0.05	4	7.2	0.2
1273393	Soil	24	50	<0.01	797	0.001	3	0.30	0.003	0.03	0.2	0.01	3.1	<0.1	<0.05	9	11.0	0.5
1273397	Soil	26	17	0.01	637	0.001	9	0.41	0.003	0.04	<0.1	<0.01	3.8	0.1	<0.05	2	3.7	<0.2
1273394	Soil	25	41	<0.01	393	<0.001	4	0.39	0.003	0.03	<0.1	<0.01	6.4	0.1	<0.05	5	9.7	0.3
1272377	Soil	23	26	0.05	677	0.005	3	0.81	0.008	0.05	0.1	<0.01	4.2	0.2	<0.05	4	5.3	<0.2
1272376	Soil	19	26	0.04	487	0.004	3	0.69	0.008	0.05	<0.1	<0.01	4.1	0.2	<0.05	4	5.3	<0.2
1272389	Soil	16	30	0.39	157	0.018	1	1.79	0.011	0.07	0.3	0.04	1.7	0.3	0.11	6	3.6	<0.2
1272383	Soil	16	24	0.30	254	0.029	17	2.56	0.025	0.10	0.3	<0.01	5.0	0.4	0.40	7	19.2	0.3
1272378	Soil	22	27	0.05	779	0.004	4	0.84	0.005	0.06	<0.1	<0.01	4.5	0.2	<0.05	4	6.6	0.2
1273399	Soil	22	27	0.03	885	0.003	4	0.79	0.005	0.06	<0.1	<0.01	5.0	0.2	<0.05	4	6.6	<0.2
1272384	Soil	14	34	0.43	248	0.022	2	2.22	0.021	0.09	0.9	<0.01	5.1	0.3	0.32	8	17.4	0.3
1272382	Soil	24	38	0.25	541	0.008	6	1.23	0.006	0.08	0.2	<0.01	4.1	0.3	0.12	4	17.7	0.3
1272387	Soil	11	29	0.21	311	0.022	<1	2.36	0.022	0.08	1.0	<0.01	6.5	0.3	0.22	8	18.3	0.2
1272380	Soil	22	27	0.06	669	0.005	4	0.85	0.006	0.05	0.1	<0.01	4.4	0.2	<0.05	4	6.2	0.3
1272381	Soil	11	40	0.18	220	0.015	5	0.85	0.002	0.04	<0.1	<0.01	3.9	<0.1	<0.05	4	6.3	0.3
1272385	Soil	12	37	0.30	74	0.012	<1	1.48	0.015	0.04	0.7	0.01	4.3	0.2	0.15	8	6.4	0.3
1272390	Soil	14	30	0.25	211	0.015	1	1.85	0.010	0.06	0.1	0.03	4.3	0.3	0.08	7	8.0	<0.2
1272386	Soil	14	25	0.26	114	0.004	<1	1.37	0.014	0.07	0.2	<0.01	3.8	0.1	<0.05	5	3.1	0.2
1273329	Soil	10	14	0.26	171	0.017	<1	3.38	0.016	0.12	0.1	0.02	2.3	0.2	0.45	8	4.7	0.4
1273332	Soil	19	12	0.26	251	0.008	<1	2.98	0.008	0.12	<0.1	0.02	1.9	0.4	<0.05	8	2.6	0.2
1273328	Soil	11	13	0.30	329	0.013	<1	4.49	0.039	0.24	<0.1	0.03	2.4	0.5	0.49	9	2.8	0.3
1272388	Soil	17	40	0.46	256	0.020	<1	2.05	0.009	0.09	0.2	0.03	6.6	0.2	<0.05	8	7.8	<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		
					Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
					ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
					0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	0.1	2	0.01
1272391	Soil				6.2	59.0	61.9	125	0.3	33.4	5.5	167	5.94	135.0	2.3	6.5	5.1	23	0.2	7.3	1.6	61	0.04	0.156
1273326	Soil				3.7	84.9	33.2	62	0.4	19.8	1.8	52	7.42	1120	4.0	79.3	11.7	97	0.2	11.3	4.9	24	0.04	0.132
1273301	Soil				1.4	444.0	19.8	169	0.2	232.8	75.5	869	15.80	3.6	1.2	33.8	7.2	15	0.1	0.4	0.2	212	0.28	0.046
1273327	Soil				3.8	122.1	36.0	92	0.8	31.2	2.6	76	12.82	1365	5.4	147.8	13.8	72	0.2	12.5	10.7	38	0.03	0.172
1273325	Soil				4.1	61.4	22.5	25	1.1	4.3	0.4	8	5.33	494.4	4.6	63.6	12.3	62	0.1	6.8	8.3	76	0.02	0.136
1273312	Soil				9.8	87.1	23.7	26	0.4	2.2	0.4	9	3.50	257.8	4.5	14.2	9.1	26	0.1	8.3	2.8	56	<0.01	0.071
1273331	Soil				3.0	52.9	67.0	96	0.2	101.8	4.3	49	6.07	356.1	2.8	12.8	8.0	74	<0.1	31.4	0.8	18	0.02	0.133
1273330	Soil				3.9	108.6	142.1	159	0.5	56.1	4.5	81	15.68	907.7	4.9	17.0	12.6	47	0.2	28.8	2.2	32	0.02	0.206
1273304	Soil				2.8	109.4	38.3	170	0.7	40.7	4.3	118	10.36	101.0	1.5	18.8	10.4	28	<0.1	7.8	1.0	79	0.01	0.062
1273309	Soil				34.0	223.2	18.2	25	0.2	1.1	0.3	3	4.93	423.5	5.5	4.6	6.7	10	<0.1	12.2	3.6	38	<0.01	0.054
1273308	Soil				18.1	118.8	59.7	34	0.3	8.2	1.1	23	3.67	397.3	9.9	24.2	11.2	64	<0.1	16.0	2.6	40	0.03	0.118
1273310	Soil				7.5	138.1	14.3	32	0.3	2.6	0.4	5	4.68	344.2	5.8	9.3	7.5	36	0.1	8.2	2.4	47	0.01	0.093
1273322	Soil				4.7	65.1	15.7	51	0.6	18.7	4.8	53	6.11	401.5	4.7	27.3	9.2	19	0.2	7.2	5.3	90	<0.01	0.127
1273318	Soil				3.1	92.1	38.5	39	0.8	9.4	1.8	65	4.74	389.6	2.5	40.9	12.0	15	0.2	5.9	4.4	30	0.02	0.098
1273307	Soil				16.6	94.8	32.0	16	0.2	2.7	0.3	4	2.73	384.9	6.2	12.9	8.4	13	<0.1	11.0	5.3	36	<0.01	0.057
1273302	Soil				5.1	71.7	43.6	54	0.3	36.8	2.8	414	17.48	56.0	3.1	5.0	15.7	115	<0.1	3.4	0.6	66	0.02	0.355
1273306	Soil				12.2	67.1	60.0	16	0.2	5.9	0.8	20	1.81	160.5	4.8	15.4	6.2	18	<0.1	7.3	6.6	28	0.02	0.052
1273323	Soil				2.2	78.7	15.7	74	0.7	52.7	10.6	50	5.04	300.3	3.0	26.6	14.6	17	0.5	3.4	9.8	45	<0.01	0.118
1273320	Soil				3.9	39.4	29.9	58	0.8	11.8	3.2	40	4.49	355.2	2.3	56.2	9.6	19	0.1	7.3	5.1	34	0.01	0.084
1273321	Soil				3.9	33.5	32.5	35	0.8	6.6	1.2	15	3.65	294.0	2.4	16.9	12.9	27	<0.1	5.4	3.1	43	<0.01	0.091
1273317	Soil				2.5	70.8	39.0	24	0.7	5.7	1.2	45	3.27	379.7	2.1	50.0	10.5	17	<0.1	4.8	4.4	23	0.03	0.081
1273314	Soil				7.1	127.8	50.4	31	2.0	5.2	0.7	20	6.26	533.3	6.2	62.5	13.9	58	0.3	18.1	6.3	59	0.04	0.134
1273324	Soil				4.4	63.2	23.3	24	1.1	4.1	0.5	9	5.14	393.7	4.7	55.6	12.9	50	0.1	6.6	8.3	79	0.02	0.121
1273315	Soil				4.5	113.0	31.4	63	0.8	14.2	2.1	87	6.51	360.6	4.2	48.6	14.7	47	0.3	8.5	4.1	56	0.02	0.146
1273316	Soil				3.8	84.6	37.1	43	0.6	8.5	1.8	62	3.99	317.5	3.8	40.9	11.1	44	0.1	5.4	3.2	38	0.03	0.105
1273311	Soil				6.5	113.1	11.2	25	0.4	2.0	0.4	4	4.32	288.6	4.5	10.3	9.3	22	0.1	7.0	2.0	44	<0.01	0.078
1273319	Soil				5.5	123.2	30.0	45	1.1	9.8	1.4	69	5.91	346.0	4.1	43.1	12.9	36	0.1	8.4	3.9	62	0.02	0.089
1273303	Soil				2.6	53.3	49.0	45	0.2	45.8	1.9	277	10.32	63.0	2.6	9.1	11.5	161	<0.1	10.3	0.5	71	0.04	0.335
1273305	Soil				5.2	86.4	53.2	36	0.8	8.6	0.9	14	2.33	159.5	2.5	26.9	8.1	15	<0.1	6.4	12.9	22	0.01	0.051
1273313	Soil				11.8	82.9	30.2	27	0.5	2.3	0.4	9	2.95	191.0	4.1	10.6	8.6	18	<0.1	6.6	2.2	55	<0.01	0.057



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Vancouver BC V6C 1H2 Canada

Project: MAC
Report Date: August 22, 2012

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CERTIFICATE OF ANALYSIS

DAW12000225.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
1272391	Soil	18	29	0.41	220	0.022	<1	1.70	0.013	0.10	0.2	0.03	2.7	0.2	<0.05	6	3.1
1273326	Soil	19	14	0.19	197	0.005	<1	1.22	0.005	0.04	<0.1	0.02	1.5	<0.1	<0.05	4	4.1
1273301	Soil	18	699	0.14	156	0.188	3	3.99	0.013	0.07	<0.1	0.03	43.0	<0.1	<0.05	21	<0.5
1273327	Soil	16	22	0.25	138	0.009	<1	1.46	0.007	0.06	0.1	0.02	2.5	0.1	0.13	6	5.1
1273325	Soil	29	13	0.02	411	0.002	1	0.43	0.005	0.04	0.1	<0.01	1.8	0.3	<0.05	3	5.5
1273312	Soil	27	13	<0.01	375	0.001	<1	0.30	0.004	0.03	0.1	<0.01	1.7	0.1	<0.05	3	6.8
1273331	Soil	14	9	0.17	296	0.009	<1	3.03	0.011	0.11	<0.1	0.02	1.5	0.3	0.09	7	1.6
1273330	Soil	9	16	0.31	129	0.015	<1	2.82	0.006	0.11	0.1	0.02	2.4	0.3	0.29	8	4.9
1273304	Soil	21	54	0.55	288	0.020	1	2.11	0.006	0.09	<0.1	0.02	5.7	0.3	0.06	8	1.6
1273309	Soil	12	9	<0.01	162	<0.001	1	0.21	0.003	0.02	0.3	<0.01	2.2	<0.1	<0.05	4	9.6
1273308	Soil	31	23	0.08	1182	0.005	7	0.49	0.006	0.05	0.3	0.02	2.9	0.1	<0.05	4	6.6
1273310	Soil	34	13	<0.01	568	0.002	2	0.31	0.003	0.02	0.1	<0.01	1.6	<0.1	<0.05	4	6.7
1273322	Soil	20	12	0.01	217	0.001	3	0.30	0.003	0.03	0.2	0.02	1.5	0.2	<0.05	2	6.5
1273318	Soil	33	16	0.21	68	0.001	<1	0.82	0.009	0.03	0.2	0.01	1.8	0.2	<0.05	4	4.1
1273307	Soil	20	11	0.01	424	0.001	5	0.23	0.002	0.02	0.3	<0.01	1.8	<0.1	<0.05	2	13.7
1273302	Soil	19	56	1.01	305	0.041	1	2.95	0.065	0.19	<0.1	0.02	6.0	0.3	0.71	10	1.5
1273306	Soil	21	14	0.05	402	0.004	9	0.27	0.005	0.02	0.7	0.01	1.7	<0.1	<0.05	2	7.5
1273323	Soil	28	19	0.08	166	<0.001	2	0.57	0.008	0.09	0.3	<0.01	2.5	0.3	0.13	3	2.7
1273320	Soil	50	9	0.04	147	0.002	2	0.38	0.007	0.06	0.2	0.02	1.1	0.3	0.09	2	8.2
1273321	Soil	36	12	0.02	204	<0.001	3	0.39	0.006	0.07	0.1	0.01	1.3	0.3	<0.05	3	4.5
1273317	Soil	31	12	0.11	70	0.001	<1	0.71	0.012	0.03	0.3	<0.01	1.4	0.2	<0.05	3	5.0
1273314	Soil	38	27	0.07	225	0.001	<1	0.67	0.005	0.02	0.2	0.02	2.5	0.9	<0.05	5	7.5
1273324	Soil	31	14	0.02	345	0.001	2	0.44	0.004	0.04	0.1	0.02	1.6	0.3	<0.05	3	6.0
1273315	Soil	48	28	0.29	149	0.002	<1	1.19	0.007	0.04	0.2	0.03	3.0	0.3	0.07	5	5.1
1273316	Soil	37	16	0.15	148	0.002	<1	0.99	0.011	0.03	0.1	0.01	2.0	0.3	<0.05	4	3.0
1273311	Soil	27	12	<0.01	358	<0.001	2	0.25	0.002	0.02	<0.1	0.02	1.4	0.1	<0.05	3	6.1
1273319	Soil	45	27	0.24	139	0.002	<1	1.15	0.007	0.04	0.2	0.02	2.9	0.4	<0.05	6	5.7
1273303	Soil	19	65	0.90	455	0.033	2	2.67	0.016	0.17	<0.1	<0.01	6.0	0.2	0.46	9	1.2
1273305	Soil	26	23	0.03	261	0.004	7	0.36	0.004	0.02	0.4	0.02	1.8	<0.1	<0.05	3	6.1
1273313	Soil	26	11	0.02	235	0.001	3	0.30	0.003	0.03	0.2	0.01	1.3	0.1	<0.05	2	9.6



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	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	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	ppm 0.1	ppb 0.5	ppm 0.1	ppm 1	ppm 0.1	ppm 0.1	ppm 0.1	ppm 2	% 0.01	% 0.001
1272681	Soil	8.0	79.6	26.5	111	1.4	34.4	4.4	120	4.35	50.5	3.2	13.2	5.3	61	0.1	4.4	0.6	56	0.08	0.166
1272683	Soil	9.4	118.9	48.1	149	1.6	49.4	5.3	164	9.11	85.3	6.5	15.7	9.5	197	0.2	9.6	0.6	87	0.11	0.458
1272686	Soil	7.4	134.3	58.5	86	0.4	20.3	2.0	101	17.32	95.4	2.5	17.1	12.8	56	<0.1	5.4	0.8	37	0.04	0.174
1272690	Soil	7.0	163.6	38.2	113	2.6	44.7	4.4	97	11.79	189.4	9.0	8.0	10.3	98	<0.1	6.3	1.1	147	0.02	0.289
1272685	Soil	8.1	118.3	45.2	105	0.9	36.0	5.2	123	14.73	174.3	5.3	23.1	9.1	105	<0.1	2.3	0.7	49	0.03	0.215
1272689	Soil	6.3	112.4	32.8	133	2.8	58.1	8.8	108	11.53	116.0	7.3	7.2	10.8	105	0.1	6.7	1.1	51	0.02	0.216
1272697	Soil	33.8	113.1	27.3	162	2.8	66.3	4.3	123	5.81	96.2	10.5	7.5	8.2	132	0.6	11.5	0.5	122	0.14	0.400
1272696	Soil	33.8	108.3	31.4	172	2.5	64.8	4.3	128	6.13	93.9	9.4	5.4	7.8	136	0.5	11.8	0.5	136	0.15	0.386
1272667	Soil	4.5	114.1	20.8	208	0.6	58.6	9.4	209	6.06	16.7	2.7	5.4	5.7	32	0.2	2.9	0.4	52	0.03	0.093
1272671	Soil	6.0	229.4	34.3	355	1.2	98.3	18.3	281	13.88	51.4	2.9	8.5	5.3	29	0.2	3.6	0.6	50	0.03	0.125
1272680	Soil	11.0	124.1	38.1	119	2.2	45.6	5.6	142	4.80	61.0	4.8	11.7	2.1	62	0.2	5.1	0.7	82	0.10	0.201
1272670	Soil	6.3	132.1	22.7	263	1.1	72.9	13.1	308	6.93	24.4	4.3	6.5	7.8	35	0.3	3.5	0.4	74	0.05	0.129
1272669	Soil	5.6	93.7	16.5	209	0.5	43.5	7.4	203	5.95	21.7	2.5	3.6	4.8	26	0.2	2.9	0.4	48	0.06	0.128
1272688	Soil	5.1	72.8	23.3	89	1.2	60.0	10.4	112	13.23	69.3	7.1	1.5	10.3	51	<0.1	4.4	0.7	31	0.02	0.169
1272695	Soil	12.3	161.0	47.7	217	1.3	68.7	8.0	235	8.95	105.1	6.2	10.3	9.4	110	0.6	12.8	0.8	108	0.12	0.217
1272691	Soil	8.6	134.2	37.4	124	1.2	38.4	5.6	121	9.10	144.1	4.3	12.9	8.5	73	0.1	4.3	0.7	61	0.02	0.189
1272666	Soil	4.9	130.5	23.0	263	0.6	60.3	12.4	233	10.65	27.2	3.5	7.1	7.1	30	0.3	3.3	0.7	53	0.03	0.140
1272687	Soil	7.5	58.6	52.3	61	2.8	13.6	2.8	79	6.03	163.7	7.8	10.0	10.3	61	<0.1	8.2	1.2	53	0.02	0.229
1272694	Soil	14.7	143.0	49.6	218	1.0	63.7	10.8	213	8.83	115.5	4.7	15.3	9.3	92	0.5	8.8	0.6	83	0.05	0.207
1272684	Soil	10.6	135.2	54.5	116	1.6	43.9	4.3	166	13.86	94.1	3.9	32.1	9.9	96	<0.1	3.9	0.7	61	0.06	0.224
1272682	Soil	11.3	86.1	47.0	148	1.9	47.3	3.8	138	6.61	89.0	5.5	17.0	9.3	174	0.2	8.5	0.7	88	0.09	0.365
1272678	Soil	3.6	82.6	14.3	71	0.9	27.6	4.7	88	3.19	19.3	1.6	12.4	3.7	18	0.1	1.6	0.4	47	0.03	0.062
1272692	Soil	5.4	87.0	32.0	110	2.0	38.6	6.0	119	7.07	181.0	3.9	10.1	7.0	86	0.1	3.7	0.7	66	0.03	0.230
1272677	Soil	6.2	95.8	14.9	118	0.4	31.1	4.0	100	4.37	29.9	1.5	11.8	3.8	21	0.3	3.2	0.3	70	0.03	0.086
1272693	Soil	13.1	150.1	47.7	243	1.4	78.0	11.6	253	9.23	163.3	5.5	10.8	9.6	131	0.6	11.1	0.7	102	0.12	0.287
1272668	Soil	4.0	106.4	18.9	187	0.6	48.7	8.2	229	5.89	17.0	2.0	7.3	5.7	26	0.1	2.5	0.4	48	0.04	0.102
1272676	Soil	5.4	139.9	22.2	122	1.0	40.9	6.2	133	5.07	30.5	3.0	14.0	4.0	27	0.2	2.9	0.5	67	0.04	0.090
1272674	Soil	3.8	92.3	16.0	83	0.3	26.7	5.4	102	3.75	26.9	1.7	11.9	5.1	23	0.2	2.2	0.4	49	0.03	0.075
1272679	Soil	10.3	80.8	15.6	66	0.7	21.6	3.0	53	2.40	28.6	1.6	21.4	3.4	21	<0.1	3.0	0.5	39	0.03	0.052
1272672	Soil	16.7	363.5	24.0	403	2.1	78.1	11.0	141	21.88	51.4	2.3	30.9	3.5	49	0.1	3.4	0.7	52	0.02	0.203



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		La	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	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1272681	Soil	19	33	0.32	341	0.028	1	1.84	0.021	0.06	0.2	0.02	2.7	0.2	0.09	6	5.9	0.2
1272683	Soil	22	35	0.20	544	0.038	3	3.39	0.033	0.05	0.3	0.02	4.9	0.2	0.37	9	8.9	0.3
1272686	Soil	7	16	0.24	193	0.025	2	2.79	0.026	0.06	0.2	0.01	2.9	0.2	0.73	10	3.9	0.4
1272690	Soil	18	50	0.45	384	0.046	<1	3.19	0.029	0.25	0.2	0.05	4.4	0.8	0.53	11	22.9	1.0
1272685	Soil	9	19	0.21	248	0.031	<1	3.17	0.031	0.06	0.2	0.01	3.3	0.2	0.63	9	5.6	0.4
1272689	Soil	19	27	0.23	268	0.010	<1	1.63	0.019	0.05	<0.1	0.03	2.6	0.4	0.14	7	15.4	0.6
1272697	Soil	18	35	0.23	413	0.036	<1	2.74	0.033	0.07	0.4	0.04	4.4	0.3	0.17	8	15.7	0.3
1272696	Soil	17	37	0.23	369	0.039	5	2.85	0.040	0.07	0.4	0.03	4.7	0.3	0.19	9	10.8	0.3
1272667	Soil	21	82	0.55	328	0.035	1	3.12	0.012	0.10	0.1	0.04	2.6	0.2	0.10	7	7.2	<0.2
1272671	Soil	8	64	0.39	217	0.036	1	4.97	0.007	0.08	0.2	0.05	3.2	0.2	0.41	6	15.2	<0.2
1272680	Soil	25	48	0.49	337	0.021	1	2.74	0.014	0.09	0.2	0.06	2.9	0.3	0.11	9	6.1	0.2
1272670	Soil	16	77	0.70	248	0.069	2	2.90	0.011	0.12	0.2	0.05	5.1	0.3	0.10	7	9.1	<0.2
1272669	Soil	16	56	0.44	149	0.036	1	1.97	0.014	0.07	0.2	0.04	2.4	0.2	0.07	5	7.6	<0.2
1272688	Soil	17	19	0.26	164	0.004	<1	1.55	0.011	0.04	0.2	0.03	1.8	0.2	0.07	5	9.1	0.3
1272695	Soil	12	33	0.28	403	0.065	3	3.85	0.036	0.07	0.3	0.01	6.2	0.3	0.24	11	8.5	0.3
1272691	Soil	9	25	0.30	249	0.032	<1	2.84	0.035	0.10	0.2	0.02	3.3	0.4	0.35	9	9.5	0.4
1272666	Soil	12	63	0.45	324	0.045	1	3.28	0.010	0.10	0.2	0.04	3.1	0.2	0.27	7	13.3	<0.2
1272687	Soil	19	25	0.39	337	0.012	<1	1.75	0.023	0.07	0.1	0.03	2.1	0.4	0.27	6	10.8	0.8
1272694	Soil	10	25	0.25	340	0.047	1	3.82	0.040	0.08	0.3	<0.01	4.5	0.2	0.16	11	8.2	0.4
1272684	Soil	9	23	0.26	331	0.058	1	4.08	0.049	0.07	0.3	0.03	4.5	0.2	0.55	11	7.0	0.4
1272682	Soil	26	46	0.26	877	0.029	6	2.83	0.019	0.05	0.2	0.02	5.4	0.2	<0.05	8	10.9	0.4
1272678	Soil	16	41	0.23	241	0.022	<1	1.65	0.009	0.06	<0.1	0.02	3.2	0.3	<0.05	5	2.4	<0.2
1272692	Soil	11	26	0.29	409	0.039	<1	3.27	0.043	0.17	0.2	0.01	3.0	0.6	0.12	9	8.7	0.6
1272677	Soil	20	52	0.26	349	0.020	1	1.41	0.005	0.06	<0.1	<0.01	3.2	0.2	<0.05	5	6.6	<0.2
1272693	Soil	10	29	0.30	418	0.053	<1	4.40	0.032	0.06	0.3	<0.01	5.8	0.2	0.08	11	8.6	0.4
1272668	Soil	16	65	0.47	293	0.041	1	2.91	0.012	0.10	0.2	0.02	2.9	0.2	<0.05	6	7.0	<0.2
1272676	Soil	18	56	0.43	373	0.029	1	1.95	0.007	0.08	0.2	0.03	3.6	0.2	<0.05	6	5.1	<0.2
1272674	Soil	17	40	0.23	315	0.022	2	1.29	0.006	0.05	0.1	0.02	2.9	0.1	<0.05	4	2.1	<0.2
1272679	Soil	15	35	0.14	266	0.013	1	1.07	0.013	0.05	0.1	0.01	2.5	0.3	<0.05	4	5.9	<0.2
1272672	Soil	4	64	0.39	230	0.027	<1	4.07	0.018	0.12	0.2	0.03	3.4	0.2	0.59	6	16.5	0.2



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		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	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	ppm 0.1	ppb 0.5	ppm 0.1	ppm 1	ppm 0.1	ppm 0.1	ppm 0.1	ppm 2	% 0.01	% 0.001
1272675	Soil	3.4	88.9	15.0	76	0.3	23.1	4.6	84	3.69	22.4	1.5	12.3	4.8	19	0.1	2.0	0.3	43	0.02	0.063
1273006	Soil	5.1	81.4	79.4	29	1.3	4.7	0.7	12	6.00	484.7	3.2	54.5	9.7	20	0.1	6.6	7.3	27	<0.01	0.096
1273010	Soil	2.8	50.6	34.5	46	0.4	17.6	1.7	97	5.65	288.7	1.5	9.6	9.6	21	<0.1	3.1	1.6	40	0.01	0.112
1273007	Soil	5.9	69.0	18.4	22	0.2	2.4	0.3	7	4.72	497.2	2.7	18.2	5.3	14	<0.1	6.0	1.5	21	<0.01	0.070
1273005	Soil	1.8	38.9	36.8	18	1.8	3.6	1.4	42	2.49	181.9	1.1	29.7	4.1	9	<0.1	3.1	5.4	20	0.04	0.047
1273009	Soil	2.6	52.1	36.8	43	0.5	13.7	1.7	90	5.68	281.6	1.6	11.1	11.1	21	<0.1	3.3	1.4	39	0.01	0.108
1272673	Soil	6.7	175.8	16.6	267	1.1	42.6	5.6	90	14.32	25.3	1.8	9.1	3.2	38	<0.1	2.3	0.5	44	0.03	0.158
1273011	Soil	2.6	61.7	42.1	55	0.4	39.2	2.0	97	6.45	436.2	2.1	10.8	9.3	29	0.1	4.3	1.6	43	0.01	0.134
1273381	Soil	3.1	31.0	20.7	37	0.3	8.6	1.5	69	2.99	161.5	1.2	10.1	0.6	16	<0.1	4.3	2.2	34	0.02	0.075
1273008	Soil	2.9	56.1	37.8	46	0.6	14.3	1.8	80	6.23	376.3	1.7	18.5	11.7	23	0.2	3.8	2.9	40	0.02	0.126
1273001	Soil	1.3	436.3	20.7	159	0.2	219.2	74.6	820	15.54	3.5	1.1	33.8	7.2	14	0.1	0.3	0.2	227	0.29	0.044
1273004	Soil	4.2	113.4	157.7	13	3.6	4.1	0.3	4	4.56	480.1	3.4	36.7	12.4	28	<0.1	6.5	1.6	37	0.02	0.055
1273384	Soil	1.7	49.7	15.7	76	0.5	41.3	5.0	158	3.23	182.0	1.9	35.2	4.0	14	<0.1	7.2	1.5	48	0.01	0.051
1273376	Soil	4.3	57.5	38.8	56	0.4	24.4	1.6	64	3.60	217.1	3.4	25.6	5.6	42	0.1	9.3	2.3	50	0.03	0.163
1273378	Soil	1.9	27.7	15.9	21	0.4	7.4	1.2	35	1.60	75.7	1.1	10.4	0.4	12	<0.1	3.1	0.9	21	0.03	0.064
1273382	Soil	4.4	36.6	22.9	47	0.2	12.1	1.6	77	3.26	193.4	1.5	8.0	1.0	17	<0.1	6.0	2.0	33	0.01	0.075
1273386	Soil	2.7	41.2	17.4	33	0.1	10.8	1.1	27	2.78	121.1	1.3	8.2	2.9	16	<0.1	6.2	1.3	28	0.02	0.057
1273389	Soil	8.6	28.8	132.5	59	0.6	8.5	1.0	26	5.22	240.1	1.4	13.4	9.0	22	<0.1	6.0	4.7	46	<0.01	0.097
1273390	Soil	2.6	67.0	50.9	112	0.3	73.0	3.5	77	8.79	276.7	2.4	5.0	6.0	28	0.1	2.2	0.6	55	0.01	0.171
1273368	Soil	24.7	186.7	60.9	79	1.3	15.6	2.8	57	9.91	1431	6.9	140.2	7.8	69	0.3	10.2	14.8	39	0.01	0.211
1273392	Soil	3.2	59.3	24.0	87	0.2	59.1	3.5	83	8.01	364.4	1.5	12.3	5.8	31	<0.1	2.6	1.1	55	0.01	0.137
1273380	Soil	2.8	22.7	24.1	32	0.8	9.9	1.4	62	2.36	141.7	1.2	18.1	0.3	16	0.1	3.6	2.9	27	0.02	0.091
1273379	Soil	3.5	41.4	38.9	54	0.6	14.2	2.5	80	3.38	218.3	1.9	71.9	3.9	21	<0.1	6.3	3.3	35	0.03	0.101
1273391	Soil	2.4	72.1	44.6	109	0.3	83.7	3.7	63	8.84	495.4	2.5	12.5	7.7	36	0.1	2.9	1.4	51	0.02	0.171
1273364	Soil	4.8	256.4	67.2	67	2.4	17.1	2.0	22	14.25	591.6	4.4	85.9	7.5	24	<0.1	27.4	2.4	60	0.01	0.199
1273375	Soil	3.0	61.2	29.7	40	0.4	17.8	0.9	41	3.07	199.1	2.8	22.1	2.4	35	<0.1	9.1	2.2	34	<0.01	0.103
1273372	Soil	4.4	85.0	27.7	68	0.4	20.0	4.1	42	4.78	140.1	3.5	19.9	7.6	29	<0.1	16.5	1.2	39	<0.01	0.097
1273366	Soil	3.5	86.8	23.3	37	0.3	9.5	1.2	21	4.33	331.9	2.6	46.8	7.7	16	<0.1	17.9	1.0	19	<0.01	0.079
1273374	Soil	2.8	56.7	27.7	38	0.3	16.8	1.0	41	2.75	172.0	2.6	16.8	2.3	32	<0.1	8.0	2.0	31	0.01	0.095
1273365	Soil	2.8	336.5	49.3	90	1.9	12.2	2.2	13	22.27	749.0	3.0	56.1	11.1	9	<0.1	19.6	3.2	78	<0.01	0.208



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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
		La	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	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1272675	Soil	15	38	0.18	299	0.017	<1	1.17	0.006	0.05	0.1	<0.01	2.6	0.1	<0.05	4	1.7	<0.2
1273006	Soil	22	13	0.02	452	0.001	1	0.63	0.007	0.07	0.2	0.02	2.4	0.3	<0.05	4	8.1	0.5
1273010	Soil	17	24	0.46	220	0.007	<1	1.84	0.010	0.19	0.1	<0.01	2.7	0.4	<0.05	6	4.5	<0.2
1273007	Soil	21	12	<0.01	363	0.003	<1	0.39	0.005	0.03	0.2	<0.01	1.0	0.1	<0.05	3	9.1	0.3
1273005	Soil	16	8	0.06	149	0.005	2	0.55	0.020	0.06	<0.1	0.02	1.6	0.4	<0.05	3	4.3	0.4
1273009	Soil	19	24	0.43	221	0.007	<1	1.75	0.012	0.18	0.1	<0.01	2.4	0.5	<0.05	6	4.9	<0.2
1272673	Soil	4	50	0.32	191	0.024	<1	2.47	0.020	0.08	0.1	<0.01	2.8	0.1	0.09	5	7.9	<0.2
1273011	Soil	17	26	0.48	258	0.008	1	2.45	0.011	0.19	<0.1	<0.01	3.2	0.5	<0.05	7	4.1	<0.2
1273381	Soil	16	13	0.04	289	0.006	2	0.70	0.007	0.05	0.2	0.02	0.6	0.2	<0.05	4	2.9	<0.2
1273008	Soil	18	25	0.38	210	0.006	2	1.64	0.011	0.16	0.1	<0.01	2.5	0.5	<0.05	5	5.7	0.3
1273001	Soil	17	713	0.15	144	0.182	4	4.65	0.014	0.07	<0.1	0.03	39.1	0.1	<0.05	21	<0.5	<0.2
1273004	Soil	22	22	0.02	512	<0.001	1	0.67	0.009	0.07	<0.1	<0.01	2.1	1.1	<0.05	5	7.4	0.2
1273384	Soil	21	40	0.14	471	0.014	3	1.04	0.002	0.04	<0.1	<0.01	3.8	0.1	<0.05	4	2.3	0.2
1273376	Soil	20	27	0.02	846	0.007	3	0.81	0.003	0.04	<0.1	<0.01	4.9	0.2	<0.05	3	4.2	<0.2
1273378	Soil	12	12	0.10	247	0.008	3	0.96	0.018	0.05	0.1	0.01	0.9	0.2	<0.05	3	1.8	<0.2
1273382	Soil	20	17	0.03	300	0.005	5	0.52	0.004	0.05	0.1	0.01	0.9	<0.1	<0.05	3	4.5	<0.2
1273386	Soil	19	18	0.06	251	0.005	4	0.61	0.006	0.04	0.1	<0.01	1.6	0.1	<0.05	3	3.3	<0.2
1273389	Soil	18	16	0.08	167	0.004	2	0.74	0.006	0.08	0.3	0.01	2.1	0.2	<0.05	4	7.0	0.4
1273390	Soil	8	32	0.41	252	0.026	1	3.09	0.012	0.26	<0.1	<0.01	4.9	0.4	0.14	8	2.1	<0.2
1273368	Soil	14	39	0.17	372	0.010	3	0.94	0.047	0.12	0.5	0.01	3.5	0.3	0.34	5	16.6	1.0
1273392	Soil	8	32	0.46	268	0.024	1	3.23	0.013	0.24	<0.1	<0.01	5.0	0.5	0.15	9	2.4	<0.2
1273380	Soil	12	17	0.14	287	0.007	2	0.94	0.013	0.06	0.2	0.03	0.5	0.2	<0.05	4	2.4	0.2
1273379	Soil	17	22	0.17	368	0.016	3	0.89	0.008	0.08	0.2	0.02	2.0	0.2	<0.05	4	4.3	<0.2
1273391	Soil	7	29	0.36	299	0.020	<1	3.30	0.014	0.23	<0.1	0.01	4.0	0.4	0.19	9	3.1	<0.2
1273364	Soil	16	94	0.05	421	0.004	4	1.01	0.002	0.03	<0.1	0.02	3.3	0.2	0.19	6	27.7	0.4
1273375	Soil	23	23	0.03	570	0.004	3	0.78	0.004	0.03	<0.1	<0.01	3.3	0.2	<0.05	3	2.3	<0.2
1273372	Soil	20	25	0.03	603	0.002	3	0.70	0.003	0.05	0.1	<0.01	4.5	0.2	<0.05	3	5.1	0.2
1273366	Soil	20	16	0.02	245	0.002	4	0.39	0.005	0.03	<0.1	<0.01	2.0	0.1	<0.05	2	5.0	0.2
1273374	Soil	21	22	0.03	527	0.004	3	0.77	0.006	0.03	<0.1	<0.01	3.1	0.2	<0.05	3	2.2	<0.2
1273365	Soil	7	137	0.05	140	0.004	4	0.93	0.003	0.02	<0.1	<0.01	2.0	<0.1	0.29	8	21.6	0.3



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	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		ppm 0.1	ppm 0.1	ppm 0.1	ppm 1	ppm 0.1	ppm 0.1	ppm 0.1	ppm 1	% 0.01	ppm 0.5	ppm 0.1	ppb 0.5	ppm 0.1	ppm 1	ppm 0.1	ppm 0.1	ppm 0.1	ppm 2	% 0.01
1273371	Soil	4.7	89.4	30.2	61	0.4	19.8	3.6	43	5.14	173.7	3.5	30.3	7.6	35	<0.1	13.9	1.7	38	<0.01
1273373	Soil	5.2	73.9	54.4	73	0.6	18.5	1.8	59	3.79	136.5	3.8	36.2	4.1	60	0.1	11.1	4.9	43	0.02
1273387	Soil	2.2	39.2	22.9	50	0.4	14.7	1.5	47	3.14	119.8	1.3	13.3	4.3	13	<0.1	6.0	1.3	32	<0.01
1273388	Soil	7.7	42.8	43.8	38	0.9	8.5	1.3	59	3.24	199.6	1.6	64.8	1.4	20	<0.1	8.0	3.5	33	0.02
1273369	Soil	2.9	218.4	75.6	76	1.7	25.4	4.4	131	12.62	872.2	9.4	138.6	12.8	78	0.1	10.0	12.5	42	0.01
1273383	Soil	1.5	60.4	14.9	69	0.2	34.7	6.5	234	2.74	200.1	1.4	18.1	3.8	9	<0.1	9.9	0.9	33	<0.01
1273367	Soil	12.5	307.8	63.2	90	2.6	18.0	3.6	74	12.83	1664	3.8	293.1	6.7	26	0.2	12.1	33.2	46	0.01
1273377	Soil	3.3	56.6	27.7	50	0.5	15.9	2.3	89	3.00	154.7	1.9	21.8	2.6	21	<0.1	6.3	2.1	32	0.03
1273385	Soil	2.2	43.6	17.3	53	0.2	21.1	2.1	64	3.10	100.4	1.5	11.1	2.0	12	<0.1	6.0	1.3	39	0.02
1273370	Soil	3.0	235.4	54.7	143	1.8	74.5	8.4	297	11.16	428.0	7.0	114.1	13.0	54	0.1	7.3	16.8	44	0.02
1273429	Soil	14.9	98.3	84.9	35	0.8	4.7	0.5	14	4.47	446.2	8.4	27.2	8.3	55	0.1	13.7	13.9	44	0.02
1273440	Soil	17.7	64.0	110.2	16	0.3	2.7	0.2	5	3.24	256.3	6.6	7.2	10.6	30	<0.1	10.0	4.9	45	0.01
1273433	Soil	4.5	83.7	53.7	35	0.3	10.2	0.8	8	4.66	428.3	5.3	18.9	11.8	16	<0.1	11.3	5.4	25	<0.01
1273431	Soil	9.8	79.2	79.6	35	0.2	6.5	1.0	28	4.10	405.1	7.6	17.9	8.5	44	<0.1	12.4	5.0	43	0.02
1273438	Soil	13.4	102.9	52.9	13	0.3	10.7	0.6	16	3.15	626.3	4.8	44.1	9.4	23	0.1	14.8	6.9	27	0.01
1273432	Soil	7.3	93.8	55.3	39	0.5	10.1	1.3	35	4.40	356.4	5.7	23.8	9.2	23	<0.1	12.0	8.7	39	<0.01
1273436	Soil	17.3	89.3	51.2	12	0.2	3.5	0.3	5	3.53	674.3	6.2	16.6	7.7	23	0.1	13.9	4.7	46	<0.01
1273437	Soil	17.7	114.5	71.1	19	0.2	5.5	0.4	8	5.11	884.9	9.6	17.6	6.7	38	0.2	14.0	6.5	42	<0.01
1273434	Soil	1.1	80.3	142.5	16	<0.1	1.7	0.2	1	3.22	521.5	5.9	13.9	11.8	5	0.1	11.0	5.2	12	<0.01
1273435	Soil	2.8	35.3	80.0	14	0.2	6.3	0.4	4	2.82	183.8	1.8	54.8	16.4	16	<0.1	8.9	3.2	33	<0.01
1273430	Soil	10.8	71.9	86.4	37	0.2	5.9	0.6	23	3.92	318.4	8.1	18.5	6.8	53	0.2	11.9	8.0	33	0.03
1273439	Soil	14.3	109.6	42.1	18	0.3	3.9	0.4	11	5.31	746.9	7.3	15.6	6.5	15	0.1	10.4	4.2	33	<0.01
1273003	Soil	12.6	75.3	63.0	27	0.3	3.7	0.5	6	3.87	631.9	4.3	15.7	7.9	39	<0.1	10.1	4.5	33	<0.01
1273002	Soil	16.9	108.9	78.2	41	0.2	4.2	0.4	4	7.37	829.4	4.8	33.5	7.5	24	0.1	8.9	9.1	54	<0.01
1273443	Soil	16.2	66.7	91.3	24	0.3	3.8	0.2	5	3.18	327.2	7.0	11.4	9.2	98	<0.1	16.4	3.5	44	0.06
1273449	Soil	11.0	79.9	27.7	13	0.3	1.6	0.1	3	3.36	488.2	3.4	17.7	8.2	12	0.1	10.8	3.3	31	<0.01
1273441	Soil	13.6	66.1	109.0	19	0.3	3.6	<0.1	1	2.15	293.1	7.0	10.7	9.1	87	<0.1	14.4	3.1	25	0.03
1273447	Soil	11.9	63.2	43.1	16	0.3	4.1	0.3	7	2.99	365.6	5.0	10.3	7.6	36	<0.1	12.9	2.9	33	0.01
1273442	Soil	12.4	56.1	74.0	28	0.3	5.6	0.3	4	5.25	488.0	4.5	11.8	7.5	29	<0.1	15.6	2.7	82	<0.01
1273448	Soil	12.4	65.0	54.2	15	0.5	3.4	0.2	7	3.01	398.8	5.6	14.7	8.0	38	<0.1	12.8	3.6	33	0.01



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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
		La	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	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1273371	Soil	19	26	0.04	688	0.002	3	0.76	0.004	0.05	0.1	<0.01	4.4	0.2	<0.05	4	5.4	0.3
1273373	Soil	23	22	0.05	976	0.009	5	0.82	0.008	0.05	0.2	0.03	3.4	0.2	<0.05	4	4.2	<0.2
1273387	Soil	24	24	0.11	303	0.006	4	0.80	0.004	0.07	<0.1	0.02	2.2	0.2	<0.05	3	4.2	0.2
1273388	Soil	16	15	0.07	258	0.005	2	0.54	0.006	0.04	0.2	0.02	1.1	0.1	0.05	3	6.7	0.2
1273369	Soil	18	52	0.23	403	0.021	2	1.54	0.020	0.10	0.3	0.03	5.1	0.3	0.32	5	8.8	0.6
1273383	Soil	19	28	0.06	235	0.006	3	0.60	0.001	0.03	<0.1	0.01	3.2	0.1	<0.05	3	1.6	<0.2
1273367	Soil	11	47	0.17	292	0.018	2	1.05	0.007	0.05	0.7	0.03	3.1	0.2	0.19	6	10.0	1.3
1273377	Soil	18	23	0.14	425	0.012	3	0.97	0.011	0.07	0.2	0.03	2.3	0.2	<0.05	4	2.9	<0.2
1273385	Soil	24	28	0.13	231	0.011	4	0.84	0.004	0.05	0.1	0.02	2.0	0.2	<0.05	4	2.4	<0.2
1273370	Soil	15	42	0.46	374	0.039	4	2.44	0.007	0.10	0.4	0.03	6.2	0.3	0.15	6	5.2	0.7
1273429	Soil	26	22	0.03	1798	0.002	4	0.54	0.005	0.06	0.4	<0.01	2.6	0.2	<0.05	4	8.4	0.6
1273440	Soil	32	28	<0.01	1160	<0.001	4	0.45	0.003	0.06	0.3	<0.01	2.9	0.2	<0.05	4	6.4	0.2
1273433	Soil	33	32	0.01	426	0.002	2	0.55	0.004	0.03	0.2	0.01	3.2	0.1	<0.05	5	11.7	0.6
1273431	Soil	26	21	0.06	837	0.003	5	0.63	0.003	0.04	0.3	0.02	2.4	0.2	<0.05	3	5.9	0.3
1273438	Soil	27	27	0.03	583	0.002	8	0.30	0.004	0.04	0.4	0.02	1.6	0.1	<0.05	3	8.0	0.3
1273432	Soil	25	29	0.05	676	0.004	2	0.66	0.005	0.05	0.2	0.01	3.3	0.1	<0.05	4	9.3	0.6
1273436	Soil	17	19	<0.01	821	<0.001	6	0.33	0.003	0.04	0.3	0.01	1.9	0.2	<0.05	3	7.3	0.3
1273437	Soil	21	21	<0.01	949	0.002	3	0.35	0.003	0.03	0.3	0.02	2.0	0.1	<0.05	3	10.2	0.3
1273434	Soil	17	11	<0.01	95	<0.001	1	0.17	0.001	0.02	0.2	<0.01	1.2	<0.1	<0.05	2	4.7	0.5
1273435	Soil	28	30	<0.01	292	0.001	4	0.48	0.003	0.04	<0.1	0.01	2.1	0.1	<0.05	8	8.5	0.3
1273430	Soil	27	19	0.05	1316	0.003	3	0.57	0.004	0.04	0.4	0.01	2.1	0.1	<0.05	3	8.5	0.3
1273439	Soil	20	16	0.02	686	<0.001	2	0.35	0.003	0.04	0.4	0.02	2.1	0.2	<0.05	3	8.7	0.3
1273003	Soil	25	14	0.01	1169	<0.001	2	0.55	0.005	0.06	0.2	0.01	1.9	0.2	<0.05	3	9.0	0.5
1273002	Soil	18	20	<0.01	641	0.001	2	0.40	0.002	0.03	0.3	0.01	2.0	0.1	<0.05	4	9.3	0.6
1273443	Soil	24	19	<0.01	2281	<0.001	5	0.59	0.003	0.06	0.5	<0.01	3.3	0.2	<0.05	2	7.2	0.2
1273449	Soil	21	11	<0.01	365	<0.001	1	0.22	0.002	0.02	0.3	<0.01	1.1	0.1	<0.05	3	7.5	0.4
1273441	Soil	23	20	<0.01	2525	<0.001	5	0.52	0.002	0.05	0.5	<0.01	3.6	0.1	<0.05	2	3.6	<0.2
1273447	Soil	23	14	0.01	871	<0.001	3	0.36	0.005	0.04	0.5	0.01	1.5	0.1	<0.05	3	6.2	0.2
1273442	Soil	15	19	<0.01	954	<0.001	4	0.46	0.002	0.04	0.6	<0.01	4.2	0.1	<0.05	2	4.8	<0.2
1273448	Soil	22	14	<0.01	898	<0.001	3	0.37	0.005	0.05	0.5	0.01	1.6	0.2	<0.05	3	6.4	0.3



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	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		ppm 0.1	ppm 0.1	ppm 0.1	ppm 1	ppm 0.1	ppm 0.1	ppm 0.1	ppm 1	% 0.01	ppm 0.5	ppm 0.1	ppb 0.5	ppm 0.1	ppm 1	ppm 0.1	ppm 0.1	ppm 0.1	ppm 2	% 0.01	% 0.001
1273445	Soil	16.2	67.0	93.9	25	0.3	4.3	0.2	5	3.29	311.9	7.4	13.7	7.9	107	0.1	16.6	3.9	46	0.05	0.220
1273450	Soil	16.5	110.0	69.3	38	0.3	3.6	0.5	6	7.76	602.9	4.2	31.2	8.7	20	0.1	7.7	9.8	62	<0.01	0.118
1273446	Soil	12.5	86.0	32.2	9	0.3	1.9	0.2	3	2.98	433.7	3.1	15.8	7.4	8	0.2	12.2	2.7	27	<0.01	0.044
1273444	Soil	15.9	65.0	88.1	24	0.3	4.7	0.3	6	3.54	338.4	6.4	12.7	7.6	90	0.1	17.0	3.5	49	0.05	0.200
1273453	Soil	2.7	84.4	68.6	60	0.5	43.7	2.1	91	8.03	397.4	2.5	15.4	11.4	45	0.1	4.1	4.3	40	0.01	0.138
1273454	Soil	2.7	64.2	49.4	53	0.6	37.8	1.7	107	7.07	472.3	2.0	37.8	10.2	34	0.1	4.0	4.0	42	0.01	0.128
1273455	Soil	2.9	69.2	43.2	56	0.4	35.6	2.1	106	6.86	373.9	2.1	12.2	10.1	28	<0.1	3.9	2.2	42	0.01	0.130
1273452	Soil	3.8	92.9	52.4	79	0.8	17.1	5.0	127	6.74	398.2	3.3	47.6	8.6	12	0.1	7.0	7.3	28	0.01	0.117
1273401	Soil	1.5	421.6	20.1	143	0.2	207.9	74.4	783	14.58	3.1	1.2	29.2	7.0	14	0.1	0.3	0.2	203	0.27	0.038
1273422	Soil	8.9	88.7	42.7	30	1.0	4.6	0.9	23	5.37	515.7	4.5	37.3	8.2	31	0.1	8.2	5.1	35	0.01	0.079
1273412	Soil	12.6	60.4	30.3	9	0.3	2.1	0.3	5	2.33	459.9	2.7	29.3	7.9	6	0.2	11.3	3.8	19	<0.01	0.034
1273410	Soil	16.3	90.8	42.8	13	0.4	2.7	0.2	7	4.33	606.2	5.7	20.6	8.3	21	<0.1	10.6	3.1	29	<0.01	0.101
1273403	Soil	15.2	69.8	32.8	17	0.3	3.5	0.3	8	2.07	236.6	3.5	13.7	7.2	6	<0.1	8.4	2.5	33	<0.01	0.032
1273411	Soil	15.4	104.3	46.7	10	0.3	2.3	0.2	7	3.36	575.7	6.0	16.5	9.4	14	0.1	13.5	3.3	32	<0.01	0.083
1273405	Soil	18.2	73.3	53.3	9	0.2	2.4	0.3	4	2.71	413.7	4.9	17.1	7.4	13	<0.1	11.6	2.8	35	<0.01	0.061
1273407	Soil	17.3	126.7	69.0	16	0.2	2.6	0.4	5	4.49	786.3	9.1	8.9	8.1	25	0.1	13.8	7.6	36	<0.01	0.111
1273420	Soil	6.4	122.7	46.1	37	0.6	6.1	1.2	18	5.50	616.5	5.0	32.8	4.8	41	0.2	7.8	8.7	41	0.03	0.110
1273423	Soil	5.9	79.7	49.7	26	0.8	5.3	0.7	15	4.86	425.9	3.8	26.2	10.0	22	<0.1	8.5	2.4	31	0.01	0.070
1273406	Soil	15.4	76.3	25.6	11	0.1	2.3	0.3	4	2.60	395.3	3.3	12.1	6.7	9	<0.1	11.1	1.9	27	<0.01	0.039
1273421	Soil	6.8	124.4	36.1	29	0.9	6.0	0.8	18	4.98	396.9	3.6	9.1	7.8	29	<0.1	6.4	2.1	29	0.01	0.083
1273409	Soil	16.1	125.7	51.1	10	0.2	1.5	0.2	6	3.81	691.4	4.8	19.4	7.8	19	<0.1	13.6	4.3	33	<0.01	0.078
1273417	Soil	11.1	74.6	35.9	38	0.6	4.9	0.8	13	6.70	599.2	5.7	28.1	7.5	43	0.1	8.5	10.5	84	<0.01	0.146
1273416	Soil	12.2	66.7	39.3	29	0.4	5.2	0.5	7	4.11	449.2	5.4	31.5	7.9	70	<0.1	9.9	3.5	71	0.02	0.145
1273000	Soil	12.3	81.7	39.8	15	0.2	3.4	0.4	8	2.67	320.7	4.8	20.3	7.5	19	<0.1	11.1	4.2	33	0.01	0.062
1273408	Soil	11.0	237.5	37.1	12	0.2	1.6	0.1	3	4.19	436.8	4.0	4.6	7.0	19	<0.1	6.3	6.2	28	<0.01	0.078
1273418	Soil	4.8	112.9	23.5	16	1.0	4.2	0.9	27	3.45	334.4	2.1	20.3	4.4	13	<0.1	3.9	2.8	24	0.03	0.049
1273419	Soil	10.4	81.3	34.9	37	0.4	7.4	1.9	38	4.28	551.3	4.8	23.5	3.2	33	0.1	6.4	7.3	46	0.02	0.090
1273413	Soil	9.0	98.5	30.4	12	0.3	1.3	0.2	2	3.90	487.9	2.9	39.4	8.9	8	<0.1	11.0	4.6	20	<0.01	0.038
1273414	Soil	9.8	86.0	23.7	12	0.2	0.9	0.2	2	3.50	497.7	2.5	30.6	7.8	6	<0.1	11.3	3.1	20	<0.01	0.035
1273402	Soil	16.1	69.4	33.9	13	0.3	3.2	0.2	4	1.96	242.2	3.3	13.6	7.5	7	<0.1	8.6	2.3	31	<0.01	0.030



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		La	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	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1273445	Soil	20	21	<0.01	2354	<0.001	5	0.54	0.003	0.04	0.5	<0.01	3.2	0.1	<0.05	2	6.8	0.2
1273450	Soil	13	23	<0.01	498	0.001	3	0.49	0.003	0.03	0.2	0.01	2.6	0.2	<0.05	6	9.8	1.1
1273446	Soil	14	11	<0.01	340	<0.001	2	0.20	0.002	0.03	0.3	<0.01	1.2	0.1	<0.05	3	9.1	0.2
1273444	Soil	19	21	<0.01	2005	<0.001	5	0.52	0.003	0.04	0.6	0.01	3.5	0.2	<0.05	2	6.5	0.2
1273453	Soil	15	29	0.42	234	0.012	<1	2.23	0.009	0.17	0.1	<0.01	3.6	0.5	0.16	7	6.2	0.3
1273454	Soil	17	28	0.48	267	0.006	2	2.27	0.013	0.18	0.1	<0.01	3.1	0.5	0.13	7	5.6	0.2
1273455	Soil	18	28	0.46	227	0.008	1	2.19	0.011	0.18	0.1	<0.01	3.1	0.4	0.10	7	4.1	0.2
1273452	Soil	16	17	0.07	182	0.002	2	0.72	0.010	0.06	0.1	0.02	3.0	0.3	0.08	3	5.1	0.4
1273401	Soil	17	656	0.13	132	0.172	3	3.73	0.012	0.06	<0.1	0.03	36.1	0.1	<0.05	20	<0.5	<0.2
1273422	Soil	19	13	0.04	570	0.003	3	0.46	0.003	0.04	0.2	0.02	1.5	0.3	<0.05	4	10.8	0.4
1273412	Soil	16	9	<0.01	272	<0.001	4	0.15	0.002	0.02	0.4	0.01	0.8	<0.1	<0.05	2	7.4	0.3
1273410	Soil	19	17	<0.01	625	<0.001	3	0.42	0.002	0.04	0.3	0.02	3.2	0.2	<0.05	4	8.0	0.3
1273403	Soil	20	14	<0.01	233	<0.001	2	0.27	0.002	0.03	0.3	0.01	1.4	<0.1	<0.05	3	12.8	0.2
1273411	Soil	22	15	<0.01	752	<0.001	2	0.30	0.002	0.04	0.3	0.02	2.0	0.2	<0.05	3	8.4	0.3
1273405	Soil	18	13	<0.01	461	<0.001	3	0.28	0.002	0.03	0.3	0.01	1.4	0.1	<0.05	3	7.8	<0.2
1273407	Soil	15	15	<0.01	774	0.001	3	0.29	0.002	0.02	0.3	0.01	2.2	0.1	<0.05	3	7.0	0.4
1273420	Soil	20	16	0.04	826	0.006	1	0.59	0.007	0.03	0.3	0.02	1.5	0.2	<0.05	3	10.0	0.7
1273423	Soil	27	18	0.03	443	0.002	1	0.52	0.005	0.05	0.1	0.02	2.0	0.2	<0.05	3	8.7	0.3
1273406	Soil	15	13	<0.01	284	<0.001	2	0.18	0.002	0.02	0.3	<0.01	1.1	<0.1	<0.05	2	5.8	<0.2
1273421	Soil	21	15	0.03	647	0.003	<1	0.57	0.004	0.03	0.2	0.02	1.3	0.1	<0.05	3	11.0	0.3
1273409	Soil	18	16	<0.01	674	<0.001	2	0.26	0.002	0.03	0.3	0.01	2.0	<0.1	<0.05	3	9.1	0.4
1273417	Soil	17	13	0.02	634	0.002	1	0.46	0.005	0.03	0.3	<0.01	1.4	0.2	<0.05	3	10.0	1.0
1273416	Soil	20	18	0.01	1659	0.001	2	0.51	0.003	0.03	0.2	<0.01	1.9	0.2	<0.05	3	15.5	0.4
1273000	Soil	23	16	0.02	479	0.002	13	0.24	0.002	0.03	0.3	<0.01	1.8	0.1	<0.05	2	9.5	0.3
1273408	Soil	9	11	<0.01	648	<0.001	2	0.24	0.002	0.05	0.2	<0.01	1.7	0.2	<0.05	5	4.5	0.3
1273418	Soil	33	15	0.02	209	0.003	<1	0.50	0.012	0.03	0.2	0.02	1.0	0.1	<0.05	4	5.7	0.3
1273419	Soil	18	16	0.05	659	0.006	<1	0.62	0.005	0.03	0.3	0.02	1.3	0.2	<0.05	3	9.5	0.6
1273413	Soil	19	12	<0.01	248	<0.001	2	0.20	0.003	0.03	0.2	<0.01	1.2	<0.1	<0.05	3	6.4	0.4
1273414	Soil	16	10	<0.01	217	<0.001	2	0.19	0.002	0.02	0.2	<0.01	1.0	<0.1	<0.05	2	6.7	0.4
1273402	Soil	18	14	<0.01	227	<0.001	1	0.29	0.002	0.03	0.3	<0.01	1.3	<0.1	<0.05	3	10.7	<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	1DX15
		Mo ppm 0.1	Cu ppm 0.1	Pb ppm 0.1	Zn ppm 1	Ag ppm 0.1	Ni ppm 0.1	Co ppm 0.1	Mn ppm 1	Fe % 0.01	As ppm 0.5	U ppm 0.1	Au ppb 0.5	Th ppm 0.1	Sr ppm 1	Cd ppm 0.1	Sb ppm 0.1	Bi ppm 0.1	V ppm 2	Ca % 0.01	P % 0.001
1272999	Soil	12.4	81.0	36.8	17	0.2	3.0	0.5	10	2.55	279.3	4.9	15.8	7.8	19	<0.1	10.4	4.5	33	<0.01	0.058
1273404	Soil	16.0	69.5	44.3	8	0.1	1.9	0.2	3	2.58	364.5	4.1	16.6	6.8	19	<0.1	12.2	5.0	38	<0.01	0.057
1273457	Soil	2.0	65.4	31.2	13	0.6	3.8	0.6	14	5.63	252.6	1.2	37.1	7.1	9	<0.1	7.9	1.1	39	<0.01	0.067
1273485	Soil	3.8	84.1	156.0	27	2.6	4.4	0.4	7	4.31	270.2	4.4	203.2	10.3	69	<0.1	11.3	4.4	24	0.02	0.096
1273481	Soil	7.7	56.7	49.9	63	1.2	14.5	2.1	51	3.48	293.1	3.7	34.7	2.2	41	<0.1	9.1	12.9	33	0.02	0.130
1273415	Soil	22.9	134.8	44.6	42	1.1	5.8	0.8	14	6.40	430.6	9.9	25.7	9.1	46	0.2	10.9	3.4	115	0.02	0.150
1273459	Soil	3.7	67.3	37.2	34	5.3	6.0	0.7	29	3.85	498.4	1.3	69.4	7.4	64	<0.1	11.7	7.8	37	<0.01	0.081
1273482	Soil	6.5	54.4	36.9	27	1.3	4.5	0.9	17	3.38	433.0	3.2	24.3	5.4	24	<0.1	8.9	3.2	25	0.02	0.075
1273486	Soil	5.9	56.7	36.2	45	1.2	11.7	1.1	37	4.75	325.9	3.1	48.0	0.6	21	<0.1	7.5	6.2	43	0.02	0.171
1273487	Soil	2.6	80.5	48.1	108	0.3	74.0	4.1	76	9.90	769.7	2.4	19.2	7.0	43	0.1	13.6	3.2	54	0.01	0.224
1273451	Soil	2.4	22.4	2.0	40	0.3	21.2	9.2	367	2.19	4.8	0.2	<0.5	0.7	33	0.1	0.2	<0.1	56	0.71	0.055
1273483	Soil	6.6	81.6	75.9	24	1.3	3.0	0.3	6	4.89	522.3	5.0	40.2	8.1	65	<0.1	12.2	5.0	31	0.02	0.116
1273480	Soil	3.5	52.9	21.9	32	0.4	8.1	0.8	29	3.39	267.9	1.9	25.0	3.9	18	<0.1	4.7	6.8	29	0.01	0.063
1273484	Soil	5.0	123.8	43.2	25	1.7	3.6	0.5	10	5.02	492.2	4.2	33.8	7.0	45	<0.1	11.7	2.2	28	0.02	0.102
1273460	Soil	3.4	44.0	35.6	23	1.8	3.7	0.4	17	3.11	364.0	1.2	58.7	6.2	42	<0.1	10.1	3.9	27	<0.01	0.047
1273461	Soil	2.4	25.4	49.3	9	1.5	1.7	0.2	5	2.28	382.2	1.2	72.8	6.0	28	<0.1	10.2	10.7	19	<0.01	0.036
1273458	Soil	3.7	23.6	77.9	23	1.6	3.5	0.5	17	3.93	722.9	0.8	151.1	8.3	46	<0.1	8.9	3.9	45	<0.01	0.053
1273467	Soil	56.2	86.8	110.4	121	1.7	14.3	0.9	25	11.88	655.8	11.0	36.0	10.6	23	0.5	43.2	1.7	307	<0.01	0.352
1273464	Soil	2.9	36.8	100.3	20	1.6	4.9	0.6	16	2.57	665.0	2.0	92.3	6.4	23	<0.1	24.1	61.0	23	0.01	0.045
1273463	Soil	5.1	34.8	39.3	18	1.3	2.6	0.3	9	3.25	319.4	1.5	47.6	6.1	31	<0.1	9.9	4.9	43	<0.01	0.068
1273465	Soil	12.4	75.3	110.5	34	0.6	4.4	0.7	16	2.88	387.0	3.6	36.8	5.4	23	<0.1	13.9	16.0	44	0.01	0.090
1273466	Soil	20.9	115.6	85.5	51	1.1	5.6	1.0	19	2.97	264.4	3.8	25.6	6.5	16	0.2	21.8	1.9	71	<0.01	0.080
1273477	Soil	5.2	18.9	61.2	20	1.2	4.4	0.9	58	1.58	198.0	1.2	68.6	2.6	17	<0.1	6.9	3.7	16	0.02	0.047
1273474	Soil	7.0	12.5	48.3	14	1.6	2.4	0.7	20	1.30	217.5	1.1	52.5	4.4	24	<0.1	8.3	5.1	19	0.04	0.055
1273462	Soil	6.1	33.1	44.6	17	1.6	3.7	0.3	8	3.24	333.7	1.4	43.8	7.3	34	<0.1	9.8	6.0	31	<0.01	0.061
1273456	Soil	9.8	37.7	44.2	20	4.1	2.8	0.7	19	4.44	360.2	2.6	52.4	6.4	41	<0.1	12.1	2.6	79	<0.01	0.100
1273476	Soil	10.6	21.0	80.5	27	1.7	7.2	1.1	41	1.85	293.8	2.9	57.4	5.2	50	<0.1	11.0	5.2	30	0.04	0.090
1273479	Soil	3.8	42.8	24.4	31	0.4	6.1	1.0	20	3.05	271.1	1.0	19.8	2.5	16	<0.1	7.7	2.4	27	<0.01	0.060
1273478	Soil	8.4	9.0	113.9	18	1.3	3.4	0.6	21	1.66	454.1	0.9	89.9	6.4	15	<0.1	8.5	6.4	10	<0.01	0.063
1273475	Soil	7.2	12.0	47.6	13	1.6	2.7	0.6	17	1.27	215.3	1.1	48.6	4.2	24	<0.1	7.6	5.3	16	0.03	0.048



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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
		La	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	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1272999	Soil	23	15	0.03	475	0.002	6	0.26	0.003	0.03	0.4	0.01	1.9	<0.1	<0.05	2	10.5	0.3
1273404	Soil	20	14	<0.01	388	<0.001	2	0.21	0.002	0.02	0.3	<0.01	1.5	<0.1	<0.05	2	7.4	0.3
1273457	Soil	11	17	0.01	277	0.005	7	0.19	0.006	0.04	<0.1	0.03	1.4	<0.1	0.08	3	4.9	<0.2
1273485	Soil	19	16	0.02	601	<0.001	9	0.44	0.005	0.08	0.1	0.03	1.4	0.3	<0.05	3	9.0	0.3
1273481	Soil	22	21	0.06	554	0.003	4	0.60	0.005	0.07	0.3	0.02	1.5	0.3	0.07	3	5.4	0.5
1273415	Soil	24	19	0.04	623	0.002	<1	0.56	0.003	0.03	0.2	0.02	3.0	0.3	<0.05	4	12.6	0.3
1273459	Soil	21	15	0.01	476	0.001	10	0.22	0.007	0.11	0.4	0.02	2.1	0.3	0.27	3	7.9	0.6
1273482	Soil	12	8	0.02	341	0.002	3	0.34	0.005	0.05	0.2	0.01	1.0	0.3	0.06	2	6.7	0.3
1273486	Soil	12	21	0.10	323	0.004	1	0.47	0.003	0.04	0.2	0.02	1.0	0.1	<0.05	3	8.2	0.3
1273487	Soil	7	32	0.39	268	0.024	<1	3.14	0.013	0.20	<0.1	<0.01	3.8	0.4	0.37	9	3.3	0.3
1273451	Soil	3	28	0.73	87	0.092	2	1.39	0.074	0.11	13.5	<0.01	4.1	<0.1	<0.05	5	<0.5	<0.2
1273483	Soil	14	13	<0.01	881	0.001	<1	0.40	0.003	0.05	0.2	0.02	1.4	0.3	<0.05	3	11.6	0.4
1273480	Soil	18	23	0.11	410	0.004	2	0.63	0.003	0.05	0.1	0.01	1.7	0.2	<0.05	3	7.2	0.4
1273484	Soil	12	12	<0.01	632	0.001	3	0.36	0.004	0.04	0.1	0.01	1.4	0.2	<0.05	3	9.6	0.3
1273460	Soil	16	11	0.01	357	0.002	7	0.20	0.009	0.11	0.3	0.01	1.5	0.3	0.21	3	8.9	0.5
1273461	Soil	16	8	<0.01	317	0.003	10	0.14	0.011	0.11	0.2	<0.01	1.3	0.2	0.22	3	8.0	0.6
1273458	Soil	21	13	<0.01	383	0.001	7	0.17	0.010	0.12	0.3	0.02	1.7	0.3	0.22	4	19.4	0.6
1273467	Soil	13	41	0.05	372	0.004	3	0.67	0.006	0.09	0.7	0.04	11.4	0.5	0.28	5	53.7	0.5
1273464	Soil	21	15	0.02	325	0.005	6	0.27	0.007	0.06	0.1	0.02	1.1	0.2	0.08	3	6.9	1.9
1273463	Soil	18	10	<0.01	491	0.002	8	0.23	0.010	0.13	0.4	<0.01	1.8	0.3	0.22	3	8.6	0.3
1273465	Soil	16	15	0.02	424	0.003	2	0.31	0.005	0.04	0.3	0.01	2.6	0.2	<0.05	3	14.4	0.8
1273466	Soil	14	20	0.03	295	0.009	3	0.43	0.007	0.08	0.3	0.02	3.2	0.6	0.10	4	14.1	0.3
1273477	Soil	15	8	0.02	269	0.008	4	0.29	0.011	0.11	0.4	0.02	1.1	0.2	0.20	2	6.4	0.3
1273474	Soil	13	6	0.01	333	0.009	3	0.22	0.012	0.11	0.5	<0.01	1.6	0.2	0.20	1	6.5	0.2
1273462	Soil	20	11	<0.01	443	0.003	9	0.21	0.010	0.11	0.4	0.01	1.8	0.3	0.23	3	9.8	0.5
1273456	Soil	30	19	0.03	466	0.006	4	0.31	0.024	0.28	0.1	0.02	1.8	0.6	0.68	4	9.7	0.5
1273476	Soil	17	13	0.03	450	0.008	5	0.35	0.012	0.12	0.6	0.02	2.8	0.3	0.21	2	6.6	<0.2
1273479	Soil	16	18	0.03	267	0.003	10	0.26	0.002	0.04	0.2	<0.01	1.5	<0.1	<0.05	2	5.9	<0.2
1273478	Soil	15	8	<0.01	472	0.009	6	0.10	0.008	0.21	0.6	<0.01	3.7	0.2	0.40	1	13.4	0.4
1273475	Soil	13	6	0.01	322	0.008	4	0.20	0.012	0.11	0.5	<0.01	1.6	0.1	0.21	1	5.9	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	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		ppm 0.1	ppm 0.1	ppm 0.1	ppm 1	ppm 0.1	ppm 0.1	ppm 0.1	ppm 1	% 0.01	ppm 0.5	ppm 0.1	ppb 0.5	ppm 0.1	ppm 1	ppm 0.1	ppm 0.1	ppm 0.1	ppm 2	% 0.01
1273507	Soil	17.7	68.9	22.8	10	0.2	1.9	0.3	5	2.59	381.9	2.8	14.3	6.4	6	<0.1	9.6	1.7	22	<0.01
1273519	Soil	6.4	110.5	32.7	21	0.9	2.7	0.8	8	5.39	825.2	3.1	116.8	9.2	20	<0.1	10.2	10.9	35	<0.01
1273473	Soil	11.4	24.9	55.5	51	1.1	7.8	1.0	23	2.35	346.6	4.0	31.7	7.8	97	<0.1	16.2	2.9	57	0.03
1273509	Soil	18.4	198.3	77.5	10	0.3	1.4	0.2	1	5.42	801.2	4.4	12.6	10.1	15	<0.1	15.4	6.7	47	<0.01
1273521	Soil	4.6	44.4	34.6	17	0.9	3.6	0.6	15	2.95	379.2	1.7	39.1	8.5	21	<0.1	7.9	5.0	20	<0.01
1273469	Soil	4.7	93.0	67.2	102	0.6	20.0	2.3	185	19.00	74.8	2.4	10.8	9.5	52	<0.1	7.2	1.2	57	<0.01
1273501	Soil	1.3	453.7	20.6	166	0.2	215.5	77.2	837	15.62	3.4	1.1	30.5	7.0	15	<0.1	0.2	<0.1	226	0.28
1272699	Soil	38.0	59.8	86.2	46	1.8	13.7	1.6	37	4.13	406.0	4.5	23.3	3.7	25	<0.1	22.3	1.4	101	0.01
1273510	Soil	16.2	120.5	43.6	9	0.2	1.7	0.1	2	4.08	692.7	2.8	15.5	9.1	9	<0.1	14.7	3.1	44	<0.01
1272698	Soil	4.6	112.0	80.0	98	0.5	18.7	2.3	212	21.85	71.8	2.7	6.8	10.1	58	<0.1	3.4	0.7	51	<0.01
1273470	Soil	32.7	53.4	93.8	116	1.3	16.5	2.7	33	3.90	400.7	4.2	35.7	8.0	31	0.2	21.8	2.2	84	<0.01
1273471	Soil	33.2	47.2	150.3	36	2.2	10.9	0.7	29	3.89	460.0	6.7	33.5	7.9	41	0.3	26.4	3.2	138	<0.01
1273502	Soil	5.5	84.2	30.6	34	0.6	7.4	1.1	14	2.93	108.7	1.9	17.6	6.1	10	<0.1	7.5	1.4	27	<0.01
1273503	Soil	10.9	97.2	34.3	34	0.3	4.8	0.9	9	3.46	305.8	4.8	14.9	7.0	13	<0.1	10.6	2.4	39	<0.01
1273515	Soil	9.1	120.0	19.8	39	1.4	5.2	0.7	11	7.43	375.2	5.9	16.4	9.4	27	<0.1	9.0	3.6	138	0.01
1273504	Soil	11.1	63.4	41.9	9	0.1	1.4	0.3	4	2.55	321.7	4.5	19.0	5.7	9	0.1	10.4	3.1	26	<0.01
1273517	Soil	9.8	63.4	18.9	31	0.5	4.6	0.8	9	4.36	302.4	5.2	13.9	8.3	56	<0.1	8.9	2.4	78	<0.01
1273505	Soil	16.6	82.0	26.0	10	0.2	3.4	0.4	6	2.09	254.7	2.9	13.8	5.8	3	<0.1	8.2	1.4	26	<0.01
1273506	Soil	19.6	89.6	22.5	8	0.2	2.3	0.3	3	2.36	300.1	3.3	19.1	7.1	5	0.1	9.9	1.6	30	<0.01
1273514	Soil	7.7	108.5	35.4	28	3.2	5.6	0.9	24	6.14	579.6	6.0	106.7	14.7	35	0.2	13.5	8.8	60	0.02
1273522	Soil	4.7	103.2	47.5	76	0.6	15.4	4.2	117	5.17	579.5	3.2	37.3	3.9	17	0.3	9.0	6.1	35	0.02
1273511	Soil	15.8	118.8	38.7	13	0.2	1.3	0.2	3	4.27	683.4	3.0	22.0	8.9	7	0.1	13.2	2.8	43	<0.01
1273468	Soil	58.5	63.8	120.0	98	2.2	18.3	0.9	22	7.80	487.4	11.7	32.8	9.9	21	0.5	33.8	1.4	229	<0.01
1273523	Soil	0.8	37.4	32.2	24	0.1	6.8	1.2	28	2.22	223.5	0.8	14.4	0.4	9	<0.1	21.2	0.8	13	0.05
1273518	Soil	6.1	49.5	27.8	30	0.6	6.5	1.0	12	4.73	393.4	4.3	21.7	9.7	43	0.1	6.6	3.9	69	<0.01
1272700	Soil	4.4	78.2	61.8	62	0.6	37.8	2.2	179	12.02	111.5	2.7	23.0	11.8	106	<0.1	14.5	1.1	67	0.04
1273472	Soil	20.1	39.7	85.0	37	2.3	10.5	1.2	33	3.04	426.8	4.0	57.6	9.2	33	0.2	19.3	2.9	78	0.01
1273528	Soil	3.5	106.5	29.0	97	0.4	53.6	4.6	111	6.09	244.0	3.8	8.0	9.0	46	0.2	6.6	0.9	36	0.02
1273526	Soil	4.4	84.0	38.6	69	0.5	18.1	1.8	67	6.38	577.3	4.8	73.6	14.7	99	0.2	9.5	3.0	31	0.04
1273524	Soil	3.5	79.8	25.1	67	0.4	89.8	2.5	63	6.10	362.0	4.1	20.2	8.0	57	0.1	5.3	2.1	31	0.02



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		La	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	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1273507	Soil	14	8	<0.01	160	<0.001	<1	0.17	0.001	0.02	0.3	<0.01	0.9	<0.1	<0.05	3	8.2	<0.2
1273519	Soil	25	16	<0.01	429	0.001	1	0.34	0.002	0.02	0.1	<0.01	1.2	0.1	<0.05	3	9.1	1.2
1273473	Soil	16	11	0.02	366	0.003	3	0.35	0.006	0.07	0.6	<0.01	3.6	0.2	0.12	1	6.6	0.2
1273509	Soil	18	27	<0.01	456	0.001	4	0.29	0.002	0.04	0.1	0.01	3.9	0.2	<0.05	7	11.3	0.7
1273521	Soil	31	10	0.03	218	0.002	<1	0.46	0.006	0.05	0.1	0.02	1.3	0.5	<0.05	3	4.2	0.5
1273469	Soil	11	49	0.46	169	0.036	2	1.86	0.018	0.11	<0.1	0.02	4.6	0.2	0.64	7	5.1	<0.2
1273501	Soil	18	724	0.12	147	0.163	5	4.09	0.011	0.06	<0.1	0.03	37.8	<0.1	<0.05	21	0.8	<0.2
1272699	Soil	19	39	0.05	418	0.006	5	0.46	0.011	0.13	0.8	0.05	5.0	0.5	0.31	4	21.6	0.3
1273510	Soil	15	22	<0.01	263	<0.001	7	0.23	0.002	0.04	0.3	0.01	2.0	0.1	<0.05	5	9.0	0.2
1272698	Soil	11	46	0.51	200	0.018	<1	2.30	0.036	0.12	<0.1	0.01	3.5	0.2	0.77	7	6.4	<0.2
1273470	Soil	13	17	0.02	360	0.002	4	0.42	0.009	0.13	0.8	0.02	3.9	0.5	0.26	2	16.9	0.3
1273471	Soil	15	29	0.03	388	0.003	5	0.80	0.014	0.10	0.8	0.01	6.3	0.6	0.20	3	18.6	0.3
1273502	Soil	16	31	0.04	153	0.004	4	0.40	0.002	0.01	0.3	<0.01	1.9	0.1	0.23	3	5.8	<0.2
1273503	Soil	12	15	0.03	319	0.002	6	0.31	0.002	0.02	0.2	0.01	2.1	0.1	0.16	3	9.0	0.3
1273515	Soil	16	21	0.01	238	0.006	2	0.50	0.003	0.02	0.1	0.02	2.2	0.3	0.14	4	11.6	0.2
1273504	Soil	14	12	<0.01	292	0.002	5	0.14	0.002	<0.01	0.3	<0.01	1.4	<0.1	0.15	2	7.0	<0.2
1273517	Soil	17	15	<0.01	672	<0.001	7	0.37	0.003	0.03	0.2	0.01	1.7	0.2	0.18	3	6.9	0.2
1273505	Soil	12	15	0.01	124	<0.001	<1	0.21	0.002	0.01	0.3	0.01	1.1	<0.1	0.14	3	8.9	<0.2
1273506	Soil	14	13	<0.01	174	<0.001	<1	0.20	0.002	0.02	0.3	<0.01	1.1	<0.1	0.15	3	9.8	<0.2
1273514	Soil	30	22	0.11	167	0.001	<1	0.63	0.004	0.02	0.2	0.01	3.0	0.5	0.19	5	8.1	0.4
1273522	Soil	16	19	0.18	198	0.007	<1	1.02	0.006	0.05	0.1	0.05	1.3	0.3	0.17	4	5.8	0.8
1273511	Soil	11	21	<0.01	200	<0.001	2	0.23	0.001	0.02	0.2	<0.01	1.8	0.1	0.14	4	8.4	0.3
1273468	Soil	14	55	0.04	308	0.002	3	0.64	0.011	0.12	0.9	0.03	10.9	0.6	0.42	5	43.9	0.3
1273523	Soil	5	9	0.06	46	0.008	<1	0.60	0.015	0.02	<0.1	0.03	0.4	0.1	<0.05	3	2.1	0.2
1273518	Soil	22	14	0.01	452	<0.001	2	0.40	0.004	0.04	0.2	<0.01	1.5	0.3	0.16	2	5.5	<0.2
1272700	Soil	17	60	0.82	370	0.026	<1	2.20	0.010	0.10	<0.1	0.03	6.0	0.2	0.39	8	2.7	0.3
1273472	Soil	17	20	0.04	327	0.003	5	0.49	0.010	0.09	0.6	0.04	4.2	0.4	0.12	2	9.7	0.4
1273528	Soil	20	22	0.29	187	0.017	<1	1.95	0.008	0.08	0.1	0.03	2.6	0.3	0.12	6	3.3	<0.2
1273526	Soil	16	20	0.29	226	0.008	<1	1.31	0.006	0.06	<0.1	0.01	1.8	0.2	0.24	4	3.9	0.3
1273524	Soil	15	18	0.22	198	0.009	<1	2.25	0.009	0.09	<0.1	0.02	1.9	0.4	0.24	6	3.5	0.3



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	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		ppm 0.1	ppm 0.1	ppm 0.1	ppm 1	ppm 0.1	ppm 0.1	ppm 0.1	ppm 1	% 0.01	ppm 0.5	ppm 0.1	ppb 0.5	ppm 0.1	ppm 1	ppm 0.1	ppm 0.1	ppm 0.1	ppm 2	% 0.01	% 0.001
1273516	Soil	3.9	52.4	18.8	18	1.6	3.9	0.4	7	3.67	257.8	3.9	20.2	12.4	25	<0.1	5.9	2.8	62	<0.01	0.094
1273529	Soil	1.2	48.0	17.1	26	0.5	18.8	1.7	35	2.10	82.2	1.1	2.5	1.1	11	<0.1	2.4	0.4	14	0.03	0.052
1273525	Soil	3.4	79.5	23.6	71	0.3	95.1	2.5	64	6.16	367.9	4.2	15.8	8.6	64	<0.1	5.7	2.1	32	0.03	0.132
1273508	Soil	15.3	198.2	18.4	16	0.2	1.5	0.3	5	5.84	905.2	4.4	10.5	8.3	10	<0.1	9.6	2.7	39	<0.01	0.069
1273520	Soil	4.5	86.8	30.4	32	0.7	7.1	1.5	33	3.84	461.7	2.5	30.0	3.5	15	0.2	6.3	4.1	34	0.02	0.063
1273527	Soil	3.3	86.7	31.8	70	0.5	52.8	3.4	94	5.58	291.0	3.2	13.3	10.3	38	0.1	7.6	1.8	27	0.02	0.122
1273357	Soil	13.9	99.2	59.9	28	0.4	2.4	0.4	6	5.34	623.2	4.3	30.5	8.3	18	0.2	8.7	4.9	53	<0.01	0.088
1273512	Soil	15.4	93.0	38.2	16	0.2	1.5	0.2	4	4.09	612.0	3.0	25.2	8.2	8	0.1	14.1	2.7	42	<0.01	0.051
1273513	Soil	13.0	93.6	23.8	11	0.2	0.8	0.2	3	3.32	507.5	2.4	16.1	7.3	7	<0.1	10.2	2.9	36	<0.01	0.037
1273530	Soil	3.4	92.4	34.3	88	0.4	70.9	4.6	81	6.18	344.5	3.2	14.7	7.3	40	0.2	9.1	2.7	33	0.02	0.143
1273362	Soil	3.5	44.5	21.5	36	0.8	14.7	2.6	115	6.08	237.3	2.2	13.8	8.7	22	<0.1	3.6	1.7	32	0.02	0.162
1273363	Soil	2.1	31.9	22.3	31	0.4	11.9	1.7	76	3.00	127.4	1.1	9.6	2.6	13	<0.1	2.4	1.1	27	0.03	0.079
1273351	Soil	2.3	23.4	2.1	40	0.3	22.0	9.6	364	2.15	4.8	0.3	1.1	0.7	31	0.2	0.2	<0.1	60	0.74	0.051
1273360	Soil	2.7	48.9	35.2	32	1.2	6.0	1.4	17	3.56	338.3	3.1	65.6	9.3	14	<0.1	5.9	6.9	18	<0.01	0.067
1273352	Soil	4.3	24.3	20.4	15	0.1	3.8	1.2	31	1.41	95.0	1.6	1.8	1.2	18	<0.1	5.7	0.9	26	0.06	0.065
1273340	Soil	2.3	64.5	87.6	22	0.2	6.2	0.5	8	3.15	262.1	3.5	29.4	8.1	5	<0.1	10.7	5.0	22	<0.01	0.044
1273344	Soil	18.4	57.4	204.1	110	3.9	13.2	0.4	7	9.45	946.3	16.6	46.5	9.5	57	0.3	23.2	4.8	188	0.02	0.372
1273361	Soil	4.2	82.6	35.8	48	0.5	7.8	2.2	22	5.35	413.5	3.1	23.5	7.8	20	<0.1	8.5	1.7	26	<0.01	0.073
1273348	Soil	9.0	31.7	81.6	15	2.4	1.8	0.2	5	2.48	376.6	4.7	50.7	8.3	58	0.1	12.1	3.4	27	0.02	0.094
1273346	Soil	16.8	43.1	106.2	75	1.8	3.7	0.2	5	3.14	664.6	9.5	30.9	8.1	108	0.3	17.9	5.6	65	0.04	0.227
1273333	Soil	3.9	40.9	18.7	36	0.2	6.2	0.9	28	3.49	203.3	2.7	19.9	6.0	15	<0.1	7.7	3.5	31	0.01	0.074
1273350	Soil	7.8	24.2	47.5	21	<0.1	2.8	0.4	16	1.61	153.2	3.6	11.5	2.3	77	<0.1	10.0	2.2	30	0.04	0.132
1273358	Soil	11.4	75.9	41.8	25	0.1	2.8	0.5	12	4.36	518.9	3.1	16.7	2.2	18	<0.1	6.0	4.0	38	0.02	0.089
1273343	Soil	12.1	69.0	50.5	42	0.4	11.9	2.3	55	3.20	250.1	5.7	11.4	3.8	37	<0.1	8.9	3.3	46	0.05	0.136
1273336	Soil	9.9	62.5	44.6	27	0.3	3.7	0.4	6	3.96	362.8	4.4	22.3	6.4	12	<0.1	11.4	19.9	37	<0.01	0.081
1273339	Soil	2.4	76.7	69.5	42	0.2	6.0	0.6	11	5.90	335.1	4.2	26.4	8.3	6	0.1	11.3	3.8	38	<0.01	0.098
1273355	Soil	9.0	76.4	27.4	8	0.3	2.1	0.2	3	2.21	310.0	2.5	56.0	8.1	8	<0.1	8.6	4.8	18	<0.01	0.030
1273354	Soil	9.0	43.8	45.7	15	0.2	2.3	0.3	6	3.25	299.3	2.6	15.5	11.0	11	<0.1	12.6	4.5	26	<0.01	0.063
1273342	Soil	5.9	75.5	51.4	31	0.3	8.5	0.7	11	4.42	395.5	4.5	25.6	9.3	12	0.1	10.3	3.4	25	<0.01	0.080
1273356	Soil	15.2	125.3	46.9	39	0.5	5.3	0.6	10	7.48	961.1	4.4	35.4	7.5	20	0.2	11.9	5.3	53	<0.01	0.124



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		La	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	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1273516	Soil	26	14	0.03	180	<0.001	<1	0.35	0.003	0.04	0.2	<0.01	1.7	0.4	0.07	3	4.4	0.3
1273529	Soil	7	9	0.11	50	0.015	<1	1.14	0.014	0.04	<0.1	0.02	0.7	0.2	0.15	3	1.4	<0.2
1273525	Soil	15	18	0.22	210	0.009	<1	2.30	0.010	0.09	<0.1	0.02	2.0	0.4	0.30	6	3.3	<0.2
1273508	Soil	8	14	<0.01	442	<0.001	<1	0.27	0.001	0.02	0.3	0.01	3.3	0.1	0.06	4	20.8	0.5
1273520	Soil	16	16	0.06	250	0.008	<1	0.58	0.007	0.02	0.1	0.03	1.0	0.2	0.13	3	5.0	0.5
1273527	Soil	19	16	0.29	136	0.011	<1	1.96	0.009	0.08	0.1	0.04	1.8	0.3	0.21	6	3.3	<0.2
1273357	Soil	12	17	<0.01	464	<0.001	<1	0.38	0.003	0.03	0.2	0.01	2.0	0.2	0.11	4	8.2	0.4
1273512	Soil	11	15	<0.01	245	<0.001	<1	0.22	0.002	0.02	0.4	<0.01	1.2	<0.1	0.15	3	7.7	<0.2
1273513	Soil	10	15	<0.01	190	<0.001	<1	0.22	0.002	0.02	0.3	0.02	1.1	<0.1	0.13	3	6.0	0.2
1273530	Soil	14	19	0.27	209	0.019	<1	2.29	0.009	0.11	0.1	0.02	2.5	0.3	0.23	6	2.6	0.4
1273362	Soil	14	21	0.36	211	0.009	<1	1.39	0.013	0.10	0.1	<0.01	1.9	0.3	0.17	5	5.1	0.2
1273363	Soil	12	16	0.27	147	0.008	<1	1.23	0.014	0.09	0.1	0.01	1.2	0.3	0.11	4	2.5	<0.2
1273351	Soil	4	30	0.71	81	0.097	<1	1.36	0.067	0.10	12.2	<0.01	3.9	<0.1	0.17	5	<0.5	<0.2
1273360	Soil	18	10	0.03	252	<0.001	<1	0.49	0.005	0.06	0.1	0.02	2.0	0.3	0.18	2	6.7	0.2
1273352	Soil	6	7	0.04	236	0.012	<1	0.36	0.014	0.02	0.3	<0.01	0.6	<0.1	0.11	1	2.3	<0.2
1273340	Soil	17	18	<0.01	144	0.002	2	0.33	0.002	0.02	0.1	<0.01	1.6	<0.1	0.13	3	8.1	0.5
1273344	Soil	25	27	<0.01	2338	<0.001	1	0.50	0.002	0.05	0.7	0.04	6.6	0.2	0.20	4	11.8	0.3
1273361	Soil	17	13	0.01	393	<0.001	<1	0.41	0.004	0.04	0.1	0.02	1.7	0.2	0.12	3	6.5	0.4
1273348	Soil	13	10	<0.01	453	0.002	4	0.20	0.019	0.13	0.5	0.02	1.3	0.4	0.15	2	7.9	<0.2
1273346	Soil	16	17	<0.01	1082	<0.001	6	0.32	0.003	0.05	1.1	0.02	2.1	0.3	<0.05	2	9.2	0.3
1273333	Soil	19	21	0.04	461	0.003	3	0.40	0.002	0.03	0.2	0.01	3.1	<0.1	<0.05	2	5.2	<0.2
1273350	Soil	12	9	0.01	1086	0.003	1	0.36	0.004	0.02	0.6	<0.01	0.9	<0.1	<0.05	1	3.3	<0.2
1273358	Soil	11	14	0.01	405	0.003	2	0.46	0.005	0.02	0.2	0.01	1.4	<0.1	<0.05	4	6.7	0.3
1273343	Soil	17	22	0.14	782	0.014	4	0.59	0.010	0.06	0.5	0.04	2.2	0.2	<0.05	3	6.1	0.3
1273336	Soil	19	28	0.01	322	0.001	<1	0.27	0.002	0.02	0.2	<0.01	3.1	<0.1	<0.05	2	6.7	0.5
1273339	Soil	13	25	<0.01	296	0.002	2	0.33	0.002	0.02	0.2	0.01	2.3	<0.1	<0.05	3	7.8	0.6
1273355	Soil	17	10	<0.01	287	<0.001	<1	0.18	0.002	0.03	0.3	<0.01	0.8	<0.1	<0.05	2	5.2	0.3
1273354	Soil	22	10	<0.01	318	<0.001	3	0.31	0.003	0.03	0.3	<0.01	1.1	0.1	<0.05	2	3.2	0.2
1273342	Soil	22	31	0.01	380	0.002	2	0.41	0.003	0.02	0.3	0.02	2.7	<0.1	<0.05	4	9.6	0.5
1273356	Soil	15	24	0.01	535	0.001	2	0.46	0.002	0.03	0.5	0.03	2.3	0.2	<0.05	4	8.9	0.5



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	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		ppm 0.1	ppm 0.1	ppm 0.1	ppm 1	ppm 0.1	ppm 0.1	ppm 0.1	ppm 1	% 0.01	ppm 0.5	ppm 0.1	ppb 0.5	ppm 0.1	ppm 1	ppm 0.1	ppm 0.1	ppm 0.1	ppm 2	% 0.01	% 0.001
1273338	Soil	3.4	74.7	50.0	34	0.3	6.6	0.6	7	4.82	374.1	4.3	25.0	9.9	8	0.1	10.8	3.5	22	<0.01	0.074
1273337	Soil	77.0	39.1	4381	48	89.0	7.5	0.3	3	3.00	1637	10.7	1578	10.3	21	0.2	18.2	965.5	150	<0.01	0.080
1273341	Soil	14.1	81.7	60.0	26	0.5	2.9	0.3	9	3.63	485.4	7.1	22.3	7.1	38	0.2	11.2	4.4	38	0.02	0.141
1273359	Soil	10.2	74.4	37.6	31	0.4	5.1	1.0	35	3.79	430.5	3.5	31.2	3.3	20	<0.1	6.3	5.5	30	0.01	0.078
1273353	Soil	9.2	33.7	43.8	19	0.1	6.6	0.6	20	2.25	192.0	3.1	11.6	1.8	39	<0.1	9.6	1.6	41	0.02	0.085
1273345	Soil	15.6	66.1	287.8	69	4.4	9.0	0.4	7	6.52	838.7	14.6	31.6	7.5	76	0.3	21.7	21.1	121	0.02	0.368
1273335	Soil	7.5	44.7	18.3	38	0.2	6.9	0.6	11	3.91	228.2	4.1	30.9	6.5	12	<0.1	9.5	17.9	29	<0.01	0.090
1273334	Soil	5.1	63.6	17.7	59	0.2	9.4	0.9	21	5.38	231.9	2.2	27.2	7.6	7	<0.1	11.7	3.1	30	<0.01	0.079
1272995	Soil	22.5	90.2	27.8	77	0.4	45.6	1.2	37	6.12	425.8	4.4	6.8	11.5	68	0.4	10.1	1.0	72	0.01	0.084
1272974	Soil	3.7	70.2	23.5	90	0.4	36.1	6.3	206	4.63	42.2	2.1	4.0	7.9	27	<0.1	3.1	0.6	48	0.02	0.101
1273347	Soil	9.4	49.7	74.6	39	3.0	1.3	0.1	3	2.65	452.0	6.5	50.1	9.0	80	0.2	14.6	3.4	32	0.03	0.130
1273349	Soil	9.9	64.8	84.4	81	1.5	6.4	0.4	10	4.33	556.8	11.3	37.1	7.3	159	0.2	16.2	3.5	82	0.06	0.304
1272982	Soil	8.2	53.4	25.9	42	0.3	8.5	2.2	75	2.82	132.8	2.3	8.6	4.6	14	<0.1	5.3	2.0	42	0.02	0.065
1272998	Soil	2.1	27.7	16.0	88	<0.1	76.2	3.2	26	2.97	60.7	1.9	1.9	7.3	49	<0.1	1.0	0.4	24	0.01	0.059
1272996	Soil	17.0	79.2	26.4	79	0.5	47.2	1.0	34	4.36	313.9	3.8	6.0	10.4	58	0.2	7.7	0.7	70	0.01	0.064
1272997	Soil	12.5	71.7	27.9	71	0.5	50.7	1.0	27	4.10	236.5	3.2	3.4	10.0	53	0.1	5.9	1.2	57	0.01	0.061
1272971	Soil	2.8	69.0	19.6	80	0.4	29.2	5.0	114	6.92	25.5	2.0	7.6	9.7	45	0.1	1.8	0.3	59	0.02	0.120
1272973	Soil	4.0	68.0	21.4	89	0.3	35.2	5.9	192	5.35	39.8	2.0	5.0	7.5	32	0.1	2.5	0.5	54	0.02	0.109
1272981	Soil	7.1	54.6	17.1	36	0.2	6.7	2.1	61	2.68	122.9	2.1	6.7	4.6	13	0.1	5.1	1.3	43	0.04	0.064
1272975	Soil	3.9	72.7	25.9	91	0.3	39.8	6.4	208	5.38	37.3	2.0	4.8	8.3	30	0.2	2.3	0.5	50	0.02	0.110



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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
		La	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	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1273338	Soil	22	32	<0.01	288	0.001	1	0.41	0.003	0.02	0.2	0.01	3.1	<0.1	<0.05	5	9.9	0.5
1273337	Soil	46	185	<0.01	424	0.019	<1	0.66	0.003	0.05	<0.1	<0.01	6.7	0.6	<0.05	8	10.5	13.7
1273341	Soil	17	15	0.01	952	0.001	2	0.34	0.004	0.03	0.4	0.01	2.2	0.1	<0.05	3	7.2	0.3
1273359	Soil	14	12	0.03	532	0.003	<1	0.41	0.002	0.03	0.3	0.02	1.0	0.1	<0.05	2	8.9	0.4
1273353	Soil	13	14	0.02	459	0.004	3	0.35	0.006	0.03	0.5	0.03	1.0	<0.1	<0.05	2	4.3	<0.2
1273345	Soil	33	28	<0.01	2148	<0.001	3	0.41	0.003	0.07	1.2	0.03	2.2	0.4	<0.05	4	21.9	1.1
1273335	Soil	20	31	0.02	527	0.002	6	0.40	0.002	0.03	0.3	0.02	4.3	<0.1	<0.05	2	6.5	0.6
1273334	Soil	14	29	0.02	408	0.002	2	0.41	0.002	0.04	0.2	<0.01	4.0	0.1	<0.05	3	9.5	0.3
1272995	Soil	11	23	0.31	345	0.019	<1	2.29	0.018	0.27	0.1	0.02	3.5	0.8	0.18	10	14.7	0.2
1272974	Soil	21	40	0.39	191	0.035	<1	1.67	0.006	0.08	0.1	<0.01	3.1	0.3	<0.05	5	3.4	<0.2
1273347	Soil	16	10	<0.01	583	<0.001	2	0.23	0.013	0.09	0.5	0.01	1.6	0.2	<0.05	2	9.8	0.3
1273349	Soil	15	13	0.02	1975	0.001	3	0.52	0.005	0.04	1.5	<0.01	1.6	0.2	<0.05	2	6.1	<0.2
1272982	Soil	19	18	0.12	208	0.009	<1	0.53	0.003	0.03	0.2	0.01	1.8	0.1	<0.05	3	4.6	<0.2
1272998	Soil	14	11	0.20	255	0.017	<1	2.23	0.005	0.18	<0.1	<0.01	1.4	0.4	<0.05	6	0.8	<0.2
1272996	Soil	13	22	0.29	297	0.019	<1	2.20	0.012	0.22	<0.1	0.01	3.6	0.8	<0.05	9	10.4	<0.2
1272997	Soil	12	18	0.25	311	0.019	<1	2.09	0.010	0.21	<0.1	<0.01	3.1	0.8	<0.05	8	8.1	<0.2
1272971	Soil	25	35	0.23	236	0.025	<1	1.63	0.007	0.13	<0.1	0.01	3.6	0.7	<0.05	5	0.9	<0.2
1272973	Soil	20	50	0.45	184	0.034	<1	1.70	0.007	0.09	<0.1	<0.01	2.7	0.3	<0.05	5	3.6	<0.2
1272981	Soil	14	16	0.08	141	0.013	<1	0.45	0.005	0.02	0.2	<0.01	1.6	<0.1	<0.05	3	5.0	<0.2
1272975	Soil	20	43	0.42	215	0.034	<1	1.88	0.008	0.11	<0.1	0.01	3.0	0.3	<0.05	6	2.5	<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	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																					
1273020	Soil	13.9	105.0	41.8	19	0.3	2.3	0.4	9	4.06	611.8	4.9	17.4	6.5	23	0.1	11.3	2.9	36	0.01	0.100
REP 1273020	QC	14.3	104.7	41.7	19	0.3	2.3	0.4	9	4.07	617.9	4.9	18.1	6.6	24	0.1	11.1	3.0	36	0.01	0.104
1273035	Soil	7.7	72.0	23.4	116	0.6	33.5	4.9	66	4.26	447.3	2.2	34.8	4.8	40	0.1	9.2	2.0	26	0.02	0.163
REP 1273035	QC	7.8	72.1	23.9	117	0.6	32.3	4.8	65	4.33	450.5	2.2	35.5	4.6	40	0.2	9.1	2.1	26	0.02	0.163
1273397	Soil	6.0	66.3	22.3	67	0.3	18.4	2.2	31	4.43	97.1	2.4	12.9	9.7	18	<0.1	19.5	0.6	18	<0.01	0.087
REP 1273397	QC	6.0	65.4	21.4	66	0.3	18.1	2.2	31	4.34	98.2	2.3	13.0	9.6	18	<0.1	18.8	0.6	17	<0.01	0.086
1272391	Soil	6.2	59.0	61.9	125	0.3	33.4	5.5	167	5.94	135.0	2.3	6.5	5.1	23	0.2	7.3	1.6	61	0.04	0.156
REP 1272391	QC	6.2	62.5	61.5	133	0.3	37.3	5.7	177	6.35	138.9	2.4	9.1	4.8	22	0.2	7.4	1.6	62	0.04	0.148
1273307	Soil	16.6	94.8	32.0	16	0.2	2.7	0.3	4	2.73	384.9	6.2	12.9	8.4	13	<0.1	11.0	5.3	36	<0.01	0.057
REP 1273307	QC	16.1	94.7	32.6	16	0.2	2.7	0.3	4	2.73	380.4	6.4	12.8	9.0	14	<0.1	10.6	5.3	36	<0.01	0.059
1272697	Soil	33.8	113.1	27.3	162	2.8	66.3	4.3	123	5.81	96.2	10.5	7.5	8.2	132	0.6	11.5	0.5	122	0.14	0.400
REP 1272697	QC	34.5	113.2	27.4	160	2.9	66.5	4.3	125	5.75	97.7	10.6	6.5	8.1	134	0.5	11.2	0.5	122	0.14	0.409
1272692	Soil	5.4	87.0	32.0	110	2.0	38.6	6.0	119	7.07	181.0	3.9	10.1	7.0	86	0.1	3.7	0.7	66	0.03	0.230
REP 1272692	QC	5.4	85.6	31.6	108	2.0	38.0	5.9	120	7.09	182.1	3.9	8.2	6.8	86	0.1	3.4	0.7	67	0.04	0.231
1273384	Soil	1.7	49.7	15.7	76	0.5	41.3	5.0	158	3.23	182.0	1.9	35.2	4.0	14	<0.1	7.2	1.5	48	0.01	0.051
REP 1273384	QC	1.7	47.8	14.7	74	0.4	40.3	4.7	151	3.08	174.8	1.8	29.9	3.8	14	0.1	7.2	1.5	46	0.01	0.049
1273374	Soil	2.8	56.7	27.7	38	0.3	16.8	1.0	41	2.75	172.0	2.6	16.8	2.3	32	<0.1	8.0	2.0	31	0.01	0.095
REP 1273374	QC	2.8	58.2	28.4	39	0.4	17.7	1.0	41	2.83	178.3	2.6	18.3	2.3	34	<0.1	8.3	2.0	32	0.01	0.096
1273434	Soil	1.1	80.3	142.5	16	<0.1	1.7	0.2	1	3.22	521.5	5.9	13.9	11.8	5	0.1	11.0	5.2	12	<0.01	0.035
REP 1273434	QC	1.1	80.5	141.5	16	<0.1	1.7	0.2	1	3.24	517.2	5.9	9.9	11.5	5	<0.1	11.0	5.1	13	<0.01	0.034
1273453	Soil	2.7	84.4	68.6	60	0.5	43.7	2.1	91	8.03	397.4	2.5	15.4	11.4	45	0.1	4.1	4.3	40	0.01	0.138
REP 1273453	QC	2.8	85.7	68.9	62	0.5	45.3	2.1	93	7.99	391.4	2.5	16.5	11.5	47	0.1	4.2	4.3	40	0.01	0.134
1273408	Soil	11.0	237.5	37.1	12	0.2	1.6	0.1	3	4.19	436.8	4.0	4.6	7.0	19	<0.1	6.3	6.2	28	<0.01	0.078
REP 1273408	QC	11.3	241.7	37.9	12	0.2	1.7	0.1	3	4.28	445.1	4.1	4.0	7.3	20	<0.1	6.6	6.3	29	<0.01	0.080
1273451	Soil	2.4	22.4	2.0	40	0.3	21.2	9.2	367	2.19	4.8	0.2	<0.5	0.7	33	0.1	0.2	<0.1	56	0.71	0.055
REP 1273451	QC	2.2	22.0	2.0	40	0.3	22.3	9.3	367	2.20	4.5	0.2	<0.5	0.8	34	<0.1	0.3	<0.1	56	0.69	0.056
1273507	Soil	17.7	68.9	22.8	10	0.2	1.9	0.3	5	2.59	381.9	2.8	14.3	6.4	6	<0.1	9.6	1.7	22	<0.01	0.033
REP 1273507	QC	17.6	72.6	23.5	10	0.2	2.0	0.4	5	2.64	382.6	2.9	16.3	6.4	6	<0.1	9.6	1.5	21	<0.01	0.033



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		La	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	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
	Soil	16	16	0.01	672	0.001	4	0.34	0.003	0.04	0.3	<0.01	2.1	0.1	<0.05	3	6.5	0.4
	QC	17	16	0.01	693	0.001	4	0.34	0.004	0.04	0.3	0.02	2.1	0.1	<0.05	3	7.3	0.3
	Soil	17	18	0.08	326	0.003	5	0.61	0.006	0.09	0.5	0.01	2.3	0.2	<0.05	2	9.2	0.2
	QC	18	17	0.08	331	0.003	3	0.61	0.006	0.09	0.2	0.01	2.4	0.2	<0.05	2	8.7	<0.2
	Soil	26	17	0.01	637	0.001	9	0.41	0.003	0.04	<0.1	<0.01	3.8	0.1	<0.05	2	3.7	<0.2
	QC	25	16	0.01	624	0.001	7	0.40	0.002	0.04	<0.1	<0.01	3.7	0.1	<0.05	2	2.5	<0.2
	Soil	18	29	0.41	220	0.022	<1	1.70	0.013	0.10	0.2	0.03	2.7	0.2	<0.05	6	3.1	<0.2
	QC	18	30	0.40	216	0.023	<1	1.63	0.011	0.10	0.3	0.02	2.9	0.2	<0.05	6	4.6	<0.2
	Soil	20	11	0.01	424	0.001	5	0.23	0.002	0.02	0.3	<0.01	1.8	<0.1	<0.05	2	13.7	0.4
	QC	22	11	0.01	447	0.001	3	0.24	0.002	0.02	0.3	0.01	1.9	<0.1	<0.05	2	13.5	0.3
	Soil	18	35	0.23	413	0.036	<1	2.74	0.033	0.07	0.4	0.04	4.4	0.3	0.17	8	15.7	0.3
	QC	18	35	0.23	383	0.035	<1	2.73	0.034	0.07	0.4	0.04	4.4	0.3	0.17	8	16.1	0.3
	Soil	11	26	0.29	409	0.039	<1	3.27	0.043	0.17	0.2	0.01	3.0	0.6	0.12	9	8.7	0.6
	QC	10	26	0.28	393	0.040	<1	3.19	0.043	0.17	0.2	0.01	3.1	0.5	0.14	9	9.6	0.5
	Soil	21	40	0.14	471	0.014	3	1.04	0.002	0.04	<0.1	<0.01	3.8	0.1	<0.05	4	2.3	0.2
	QC	20	40	0.13	437	0.012	2	1.00	0.002	0.03	<0.1	<0.01	3.7	0.1	<0.05	4	2.2	<0.2
	Soil	21	22	0.03	527	0.004	3	0.77	0.006	0.03	<0.1	<0.01	3.1	0.2	<0.05	3	2.2	<0.2
	QC	22	22	0.03	552	0.004	4	0.79	0.006	0.03	0.1	<0.01	3.1	0.2	<0.05	3	2.2	<0.2
	Soil	17	11	<0.01	95	<0.001	1	0.17	0.001	0.02	0.2	<0.01	1.2	<0.1	<0.05	2	4.7	0.5
	QC	17	11	<0.01	100	<0.001	1	0.17	0.001	0.02	0.2	<0.01	1.2	<0.1	<0.05	2	4.9	0.5
	Soil	15	29	0.42	234	0.012	<1	2.23	0.009	0.17	0.1	<0.01	3.6	0.5	0.16	7	6.2	0.3
	QC	16	29	0.41	239	0.013	<1	2.22	0.009	0.18	0.1	<0.01	3.7	0.5	0.18	8	5.8	0.2
	Soil	9	11	<0.01	648	<0.001	2	0.24	0.002	0.05	0.2	<0.01	1.7	0.2	<0.05	5	4.5	0.3
	QC	9	11	<0.01	649	<0.001	2	0.25	0.002	0.05	0.3	<0.01	1.8	0.2	<0.05	5	5.1	0.4
	Soil	3	28	0.73	87	0.092	2	1.39	0.074	0.11	13.5	<0.01	4.1	<0.1	<0.05	5	<0.5	<0.2
	QC	3	27	0.73	91	0.092	<1	1.36	0.074	0.11	13.4	0.02	3.7	<0.1	<0.05	5	<0.5	<0.2
	Soil	14	8	<0.01	160	<0.001	<1	0.17	0.001	0.02	0.3	<0.01	0.9	<0.1	<0.05	3	8.2	<0.2
	QC	14	8	<0.01	163	<0.001	<1	0.17	0.001	0.02	0.3	<0.01	1.0	<0.1	<0.05	3	8.2	<0.2



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		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1273517	Soil	9.8	63.4	18.9	31	0.5	4.6	0.8	9	4.36	302.4	5.2	13.9	8.3	56	<0.1	8.9	2.4	78	<0.01	0.122
REP 1273517	QC	10.1	63.2	19.3	30	0.6	4.5	0.8	9	4.48	298.0	5.3	11.9	8.5	56	0.2	8.6	2.4	76	<0.01	0.120
1273357	Soil	13.9	99.2	59.9	28	0.4	2.4	0.4	6	5.34	623.2	4.3	30.5	8.3	18	0.2	8.7	4.9	53	<0.01	0.088
REP 1273357	QC	13.3	99.7	58.9	29	0.3	2.2	0.4	6	5.17	619.8	4.3	27.4	7.9	18	0.2	9.0	5.0	52	<0.01	0.089
Reference Materials																					
STD DS9	Standard	13.9	107.1	125.6	304	1.9	40.8	7.8	588	2.37	25.8	2.9	117.5	6.9	74	2.2	5.9	6.7	42	0.77	0.085
STD DS9	Standard	14.4	111.0	120.9	300	1.8	43.3	8.0	601	2.33	27.7	2.8	112.3	6.5	73	2.2	5.4	6.2	44	0.77	0.080
STD DS9	Standard	14.5	111.1	120.0	304	1.8	41.1	7.7	598	2.35	25.0	2.6	119.0	6.2	69	2.3	5.1	4.9	47	0.75	0.080
STD DS9	Standard	12.2	97.7	123.5	293	1.8	36.6	6.8	541	2.16	24.1	2.8	107.0	6.9	74	2.3	5.4	6.3	38	0.70	0.081
STD DS9	Standard	14.4	100.7	122.0	308	1.8	41.5	7.9	603	2.38	26.6	2.8	120.8	7.0	74	2.6	5.4	5.6	42	0.78	0.081
STD DS9	Standard	12.7	106.3	117.7	283	1.9	38.0	7.2	532	2.14	22.8	2.5	103.1	5.6	58	2.3	4.8	5.8	40	0.63	0.069
STD DS9	Standard	12.6	107.7	118.7	292	1.8	40.4	7.5	542	2.21	22.8	2.6	114.4	6.1	60	2.2	4.9	5.5	41	0.65	0.073
STD DS9	Standard	12.8	109.2	118.3	308	1.8	39.9	7.5	574	2.31	24.0	2.5	110.6	5.6	66	2.1	5.2	6.2	41	0.68	0.074
STD DS9	Standard	13.7	112.8	123.0	302	1.8	43.0	8.0	603	2.39	24.2	2.9	118.2	6.6	73	2.3	5.4	6.5	46	0.77	0.082
STD DS9 Expected		12.84	108	126	317	1.83	40.3	7.6	575	2.33	25.5	2.69	118	6.38	69.6	2.4	4.94	6.32	40	0.7201	0.0819
BLK	Blank	<0.1	0.4	0.2	<1	<0.1	<0.1	<0.1	<1	0.02	1.0	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	0.2	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	0.6	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	0.2	<0.1	<1	<0.1	<0.1	<0.1	<1	0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	0.3	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001



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Project:

MAC

Report Date:

August 22, 2012

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QUALITY CONTROL REPORT

DAW12000225.1

		1DX15 La ppm	1DX15 Cr ppm	1DX15 Mg %	1DX15 Ba ppm	1DX15 Ti %	1DX15 B ppm	1DX15 Al %	1DX15 Na %	1DX15 K %	1DX15 W ppm	1DX15 Hg ppm	1DX15 Sc ppm	1DX15 Ti ppm	1DX15 S %	1DX15 Ga ppm	1DX15 Se ppm	1DX15 Te ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1273517	Soil	17	15	<0.01	672	<0.001	7	0.37	0.003	0.03	0.2	0.01	1.7	0.2	0.18	3	6.9	0.2
REP 1273517	QC	18	15	<0.01	673	<0.001	1	0.37	0.003	0.04	0.2	<0.01	1.8	0.2	0.16	2	6.4	<0.2
1273357	Soil	12	17	<0.01	464	<0.001	<1	0.38	0.003	0.03	0.2	0.01	2.0	0.2	0.11	4	8.2	0.4
REP 1273357	QC	12	17	<0.01	462	<0.001	2	0.38	0.003	0.03	0.2	0.01	2.0	0.2	0.15	4	8.2	<0.2
Reference Materials																		
STD DS9	Standard	16	123	0.64	313	0.122	3	0.96	0.092	0.37	3.1	0.20	2.7	5.7	0.19	5	5.5	5.3
STD DS9	Standard	15	128	0.64	296	0.125	3	0.94	0.095	0.36	3.1	0.24	2.6	5.5	0.18	5	5.6	5.3
STD DS9	Standard	15	128	0.64	305	0.117	4	0.99	0.096	0.37	3.0	0.21	2.6	5.4	0.09	5	5.0	5.3
STD DS9	Standard	14	107	0.63	302	0.109	3	1.00	0.101	0.35	3.2	0.22	2.7	5.6	0.15	5	5.1	4.8
STD DS9	Standard	15	126	0.64	322	0.122	2	0.97	0.087	0.37	3.3	0.21	2.7	5.5	0.08	5	5.4	5.2
STD DS9	Standard	11	117	0.56	255	0.100	1	0.83	0.074	0.31	2.8	0.20	2.3	5.1	0.06	4	4.9	4.4
STD DS9	Standard	12	120	0.58	272	0.103	<1	0.87	0.075	0.33	2.8	0.18	2.3	5.3	0.20	4	5.0	5.2
STD DS9	Standard	13	127	0.56	288	0.106	3	0.86	0.086	0.35	2.9	0.21	2.4	5.2	0.17	4	4.9	5.0
STD DS9	Standard	15	129	0.65	302	0.126	3	0.95	0.088	0.36	3.2	0.20	2.6	5.4	0.19	5	5.2	4.9
STD DS9 Expected		13.3	121	0.6165	295	0.1108		0.9577	0.0853	0.395	2.89	0.2	2.5	5.3	0.1615	4.59	5.2	5.02
BLK	Blank	<1	<1	<0.01	2	<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	<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	<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	<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	<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	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	0.15	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2



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Submitted By: Andy Randell
Receiving Lab: Canada-Dawson City
Received: August 13, 2012
Report Date: August 20, 2012
Page: 1 of 4

CERTIFICATE OF ANALYSIS

DAW12000226.1

CLIENT JOB INFORMATION

Project: MAC
Shipment ID:
P.O. Number
Number of Samples: 80

SAMPLE DISPOSAL

PICKUP-PLP Client to Pickup Pulps
STOR-RJT-SOIL Store Soil Reject - RJSV Charges Apply

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: Ryan Gold Corp.
600 - 666 Burrard St.
Vancouver BC V6C 1H2
Canada

CC: Dave Schmidt
Isaac Fage

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
Dry at 60C	80	Dry at 60C			DAW
SS80	80	Dry at 60C sieve 100g to -80 mesh			DAW
RJSV	80	Saving all or part of Soil Reject			DAW
1DX2	79	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.
All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. 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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Project:

MAC

Report Date:

August 20, 2012

Page:

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Part:

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CERTIFICATE OF ANALYSIS

DAW12000226.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo ppm 0.1	Cu ppm 0.1	Pb ppm 0.1	Zn ppm 1	Ag ppm 0.1	Ni ppm 0.1	Co ppm 0.1	Mn ppm 1	Fe % 0.01	As ppm 0.5	U ppm 0.1	Au ppb 0.5	Th ppm 0.1	Sr ppm 1	Cd ppm 0.1	Sb ppm 0.1	Bi ppm 0.1	V ppm 2	Ca % 0.01	P % 0.001
1272989	Soil	32.9	106.9	569.3	84	1.6	21.1	0.9	45	11.50	693.4	4.1	107.1	21.6	31	0.3	68.9	7.1	68	<0.01	0.224
1272986	Soil	5.4	179.3	32.5	48	0.7	8.5	1.4	40	9.07	888.3	3.1	123.2	15.0	10	0.2	7.5	19.2	50	0.02	0.181
1272983	Soil	17.6	80.7	43.1	60	0.7	10.6	3.7	104	5.00	255.9	3.1	26.7	9.3	9	0.2	8.7	4.5	104	0.02	0.107
1272977	Soil	6.9	62.6	20.8	37	0.1	8.2	2.1	60	2.86	179.9	2.1	12.0	3.9	11	0.1	6.6	1.5	35	0.01	0.061
1272980	Soil	10.6	66.6	15.3	30	0.2	5.4	1.4	35	2.59	183.0	2.3	8.8	4.2	8	0.1	6.2	1.5	48	0.01	0.051
1272978	Soil	6.2	50.2	23.3	41	0.1	9.3	2.6	83	2.94	152.4	2.0	9.7	4.5	13	0.2	6.2	1.4	36	0.02	0.064
1272987	Soil	1.9	122.2	35.9	34	2.4	13.5	1.0	73	14.69	481.5	0.7	69.3	7.1	4	<0.1	92.7	19.6	39	0.04	0.098
1272993	Soil	24.1	99.2	33.8	69	0.9	43.3	1.3	35	5.77	775.8	6.5	8.0	10.6	114	0.6	10.6	0.9	76	0.03	0.122
1272988	Soil	8.2	106.3	35.2	58	1.3	6.0	1.0	26	5.26	175.9	2.7	60.1	10.9	27	0.1	23.0	2.6	34	0.02	0.106
1272985	Soil	6.8	144.7	57.0	88	0.4	15.0	3.5	91	14.71	713.6	5.9	124.6	14.5	10	0.2	8.0	10.9	64	0.01	0.336
1272984	Soil	5.9	159.7	41.3	92	1.1	13.0	2.1	63	12.02	574.9	3.5	130.1	11.0	7	0.2	14.6	9.4	72	0.01	0.228
1272994	Soil	37.9	165.2	48.5	85	2.1	46.3	1.4	48	5.22	592.9	7.1	9.3	11.3	74	0.6	16.7	1.1	94	0.02	0.097
1272976	Soil	3.5	40.9	15.7	67	0.2	17.9	4.8	140	2.67	54.9	1.4	5.4	4.9	13	0.4	3.3	0.6	37	0.03	0.065
1272990	Soil	23.3	88.8	105.2	101	0.4	8.8	0.7	74	9.89	568.6	3.5	14.8	19.2	14	0.2	31.4	1.3	57	0.01	0.188
1272979	Soil	8.3	55.5	17.1	28	0.1	5.6	1.6	43	2.12	168.7	2.0	6.9	4.1	9	<0.1	6.0	1.6	34	0.01	0.045
1272992	Soil	27.8	103.1	40.7	103	0.9	43.9	1.2	47	6.83	590.7	5.5	8.5	9.9	117	0.5	10.1	1.1	61	0.02	0.125
1272797	Soil	3.4	66.8	22.3	95	0.2	43.8	8.6	187	5.59	34.5	1.9	3.2	6.3	36	<0.1	1.8	0.3	48	0.03	0.143
1273213	Soil	3.1	140.5	17.6	88	1.5	33.8	1.8	60	8.82	405.5	3.7	102.8	10.0	22	0.4	4.4	7.5	57	0.01	0.174
1272991	Soil	25.6	104.8	76.9	157	0.6	26.9	1.5	69	13.94	582.4	5.9	10.1	17.4	62	0.2	19.8	1.3	82	0.01	0.243
1272972	Soil	5.6	98.8	19.1	99	0.9	57.2	6.4	99	6.58	24.0	2.1	6.8	9.4	35	<0.1	2.2	0.3	87	0.01	0.096
1273205	Soil	9.8	68.9	17.2	21	0.2	3.9	1.0	25	2.23	188.7	2.6	11.4	4.5	11	<0.1	6.4	1.8	39	<0.01	0.050
1273218	Soil	23.6	77.3	38.8	64	0.7	34.2	1.1	22	3.56	568.5	6.1	6.8	7.1	140	0.6	10.2	1.5	71	0.03	0.110
1272799	Soil	2.6	57.1	18.1	84	0.2	20.5	4.6	120	4.94	45.5	1.4	3.9	5.3	21	0.1	3.1	0.3	40	0.03	0.117
1273227	Soil	2.3	34.9	10.3	77	0.1	84.5	2.9	20	3.14	75.0	1.6	3.4	5.6	37	<0.1	1.3	0.5	19	0.01	0.068
1273214	Soil	5.2	156.6	25.4	85	1.5	14.0	1.3	40	13.65	863.2	5.4	143.7	11.8	16	0.2	12.0	7.5	49	0.01	0.364
1273225	Soil	3.2	81.3	17.7	85	0.1	37.7	1.1	23	5.23	272.1	1.3	4.3	8.6	64	<0.1	3.0	0.9	51	0.01	0.057
1273207	Soil	15.5	78.4	63.6	41	0.3	4.8	1.2	34	3.80	142.3	2.1	10.6	6.3	9	0.2	6.5	1.8	75	0.03	0.056
1273202	Soil	5.3	42.7	25.1	44	0.2	10.8	2.9	95	2.90	132.3	1.9	13.2	5.5	14	0.1	5.3	1.4	34	0.02	0.074
1273203	Soil	5.3	47.3	21.3	26	0.1	4.8	1.3	36	2.03	140.7	1.7	7.6	3.8	9	0.1	6.1	1.5	24	0.01	0.048
1273217	Soil	22.2	92.0	36.0	62	0.5	42.0	1.1	31	4.25	627.3	7.2	4.4	10.2	105	0.6	10.3	1.1	78	0.03	0.105



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Project: MAC
Report Date: August 20, 2012

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Part: 2 of 2

CERTIFICATE OF ANALYSIS

DAW12000226.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1272989	Soil	16	27	0.13	134	0.003	<1	0.94	0.022	0.05	0.3	<0.01	2.6	0.2	0.40	8	20.7	1.0
1272986	Soil	9	22	0.24	59	0.016	1	0.91	0.005	0.05	4.7	<0.01	3.0	0.2	0.08	7	6.9	1.1
1272983	Soil	20	26	0.14	81	0.006	<1	0.78	0.006	0.03	0.3	0.02	3.2	0.3	<0.05	5	13.1	0.3
1272977	Soil	13	17	0.09	198	0.010	11	0.45	0.002	0.03	0.3	<0.01	1.9	<0.1	<0.05	2	5.2	<0.2
1272980	Soil	13	14	0.04	163	0.008	4	0.34	0.002	0.02	0.2	0.01	1.8	<0.1	<0.05	2	6.8	<0.2
1272978	Soil	13	18	0.13	216	0.014	5	0.55	0.002	0.03	0.2	0.01	1.9	<0.1	<0.05	3	2.9	<0.2
1272987	Soil	3	19	0.38	32	0.020	<1	1.48	0.003	0.04	0.3	0.03	3.7	0.1	0.53	12	7.7	1.3
1272993	Soil	10	19	0.22	402	0.018	<1	2.25	0.027	0.15	<0.1	0.03	4.2	0.6	0.45	10	15.7	0.3
1272988	Soil	19	15	0.06	122	0.002	<1	0.61	0.006	0.03	0.3	<0.01	1.8	0.2	<0.05	4	7.9	0.2
1272985	Soil	9	30	0.23	74	0.014	<1	1.56	0.005	0.05	0.3	0.01	3.5	0.1	0.24	7	5.9	0.6
1272984	Soil	11	31	0.18	41	0.009	<1	1.09	0.005	0.02	0.5	0.02	3.1	<0.1	0.06	7	7.3	0.6
1272994	Soil	14	23	0.24	302	0.019	<1	2.42	0.015	0.12	0.2	0.02	5.1	0.5	0.18	11	25.3	0.2
1272976	Soil	15	23	0.20	160	0.025	1	0.87	0.004	0.04	0.2	<0.01	2.2	0.1	<0.05	3	2.1	<0.2
1272990	Soil	20	20	0.20	57	0.003	<1	1.04	0.009	0.03	0.2	0.03	2.5	0.1	0.10	7	16.8	0.5
1272979	Soil	14	13	0.05	187	0.009	69	0.34	0.002	0.02	0.3	<0.01	1.5	<0.1	<0.05	2	5.1	<0.2
1272992	Soil	9	16	0.23	263	0.012	<1	2.44	0.069	0.10	0.1	0.02	2.8	0.4	0.63	9	18.4	0.4
1272797	Soil	16	30	0.43	218	0.043	1	1.96	0.011	0.13	0.2	0.03	3.4	0.2	<0.05	5	1.3	<0.2
1273213	Soil	11	28	0.26	99	0.010	<1	1.40	0.006	0.06	0.2	0.01	3.1	0.3	0.07	6	5.2	0.5
1272991	Soil	8	25	0.39	224	0.016	3	2.26	0.048	0.15	0.1	0.02	4.6	0.5	0.81	10	25.0	0.7
1272972	Soil	22	80	0.41	285	0.047	<1	2.50	0.005	0.25	<0.1	0.03	4.9	0.4	<0.05	7	11.6	<0.2
1273205	Soil	13	13	0.03	270	0.004	4	0.31	0.001	0.02	0.3	0.01	1.8	<0.1	<0.05	2	5.8	<0.2
1273218	Soil	10	15	0.11	379	0.009	<1	1.56	0.023	0.08	0.3	0.02	2.8	0.4	0.22	7	15.6	0.3
1272799	Soil	15	26	0.26	117	0.020	1	1.24	0.007	0.06	0.1	0.01	2.5	0.2	<0.05	4	0.7	<0.2
1273227	Soil	7	10	0.14	252	0.009	<1	2.54	0.007	0.14	<0.1	<0.01	1.4	0.3	0.13	6	1.5	<0.2
1273214	Soil	8	32	0.14	65	0.007	<1	1.14	0.007	0.03	0.3	0.04	2.9	0.1	0.38	6	8.7	0.4
1273225	Soil	11	26	0.15	196	0.008	<1	1.46	0.001	0.04	<0.1	<0.01	3.7	0.3	<0.05	6	2.4	0.2
1273207	Soil	16	18	0.03	125	0.003	<1	0.41	0.004	0.02	0.2	0.01	1.9	0.3	<0.05	3	8.0	0.2
1273202	Soil	18	19	0.15	188	0.017	2	0.71	0.003	0.04	0.3	<0.01	2.1	<0.1	<0.05	3	3.5	<0.2
1273203	Soil	14	14	0.05	179	0.008	2	0.32	0.002	0.01	0.3	<0.01	1.7	<0.1	<0.05	2	4.9	<0.2
1273217	Soil	12	19	0.17	421	0.014	<1	1.95	0.011	0.09	0.2	0.02	3.8	0.4	0.13	9	13.5	0.3



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	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		ppm 0.1	ppm 0.1	ppm 0.1	ppm 1	ppm 0.1	ppm 0.1	ppm 0.1	ppm 1	% 0.01	ppm 0.5	ppm 0.1	ppb 0.5	ppm 0.1	ppm 1	ppm 0.1	ppm 0.1	ppm 0.1	ppm 2	% 0.01	% 0.001
1273201	Soil	1.3	378.2	17.6	149	0.2	176.6	65.5	672	12.97	3.6	0.9	29.9	5.4	11	0.1	0.3	0.1	177	0.26	0.039
1273212	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.
1273211	Soil	4.0	101.3	41.7	111	0.3	44.4	3.7	102	14.94	601.8	15.6	16.0	19.7	20	0.9	7.4	2.5	93	0.02	0.530
1273223	Soil	2.0	28.1	15.0	95	<0.1	86.3	2.6	22	2.94	77.3	1.5	1.1	5.9	34	<0.1	1.3	0.4	26	0.01	0.050
1272798	Soil	5.0	78.6	18.3	61	0.3	53.3	6.1	273	4.15	24.6	1.8	4.0	6.1	44	<0.1	2.0	0.3	66	0.03	0.121
1273226	Soil	1.5	21.7	8.7	59	0.1	44.1	2.6	27	1.97	40.5	1.0	<0.5	3.2	17	<0.1	0.7	0.1	16	0.01	0.041
1273215	Soil	3.7	111.9	26.3	70	1.1	16.3	1.2	48	10.12	480.5	4.8	56.6	11.6	26	0.3	28.5	6.6	48	<0.01	0.232
1273209	Soil	5.1	126.8	61.0	46	2.3	8.1	1.6	45	7.85	867.7	3.2	133.2	12.6	8	0.4	23.0	16.1	59	0.01	0.146
1273204	Soil	5.5	46.6	17.2	25	0.2	4.4	1.3	48	2.07	145.6	2.3	10.1	4.3	14	<0.1	5.1	2.7	26	0.03	0.071
1273206	Soil	11.9	57.5	33.7	37	0.4	7.5	1.8	62	2.65	165.1	2.6	10.1	7.8	23	<0.1	6.3	2.7	50	0.01	0.056
1273210	Soil	7.7	104.6	28.1	75	1.2	14.4	2.0	92	10.84	674.4	3.9	53.9	12.9	12	0.2	13.4	13.4	57	0.01	0.313
1273222	Soil	5.5	57.4	35.1	48	0.3	8.1	0.6	17	3.75	418.3	2.8	4.0	9.5	104	0.2	5.2	1.6	33	0.02	0.081
1272800	Soil	3.1	57.2	29.2	89	0.5	24.3	6.9	253	6.86	60.3	2.1	5.9	9.0	41	0.3	5.4	0.7	52	0.03	0.162
1273208	Soil	26.2	76.8	76.5	54	1.6	6.4	1.5	57	5.96	498.6	3.6	43.4	11.3	13	<0.1	11.6	7.5	132	0.01	0.137
1273224	Soil	3.7	83.3	18.6	96	0.2	50.2	1.2	31	6.00	287.8	1.7	3.3	11.5	102	0.1	3.8	1.0	63	0.02	0.073
1273221	Soil	2.9	46.8	21.8	58	0.2	41.0	0.7	11	2.92	199.8	2.1	3.3	8.6	79	<0.1	3.3	0.6	35	<0.01	0.055
1273216	Soil	4.9	143.7	142.2	61	1.6	12.3	1.1	48	12.04	639.6	5.4	93.0	14.2	31	0.1	73.0	11.6	56	0.01	0.278
1273220	Soil	6.3	53.1	20.9	42	0.3	21.6	0.8	15	2.81	289.7	2.1	<0.5	9.5	75	0.1	4.3	1.0	19	<0.01	0.054
1273569	Soil	10.5	26.9	136.8	148	0.4	15.6	0.7	29	1.62	81.7	5.5	21.1	4.1	84	<0.1	13.5	2.0	56	0.28	0.369
1273570	Soil	11.6	40.1	168.2	145	0.6	17.5	1.5	51	2.33	91.3	5.5	27.0	4.1	64	0.3	16.2	1.8	59	0.27	0.344
1273584	Soil	5.0	42.5	34.0	69	0.5	17.9	1.8	59	3.71	199.4	2.2	15.9	6.5	29	<0.1	6.5	1.4	45	<0.01	0.108
1273219	Soil	6.6	49.4	16.1	52	0.5	39.0	1.4	24	2.50	205.9	2.3	7.6	9.0	57	<0.1	3.9	1.3	31	0.01	0.056
1273566	Soil	9.1	98.5	220.6	105	1.0	34.6	2.0	41	6.92	102.0	5.7	32.5	8.6	129	<0.1	14.8	9.2	81	0.02	0.256
1273579	Soil	2.1	68.0	18.5	114	0.3	59.1	25.0	840	3.80	100.2	2.2	22.6	5.9	15	<0.1	9.9	1.7	58	0.01	0.077
1273578	Soil	1.7	74.0	17.2	121	0.3	65.8	15.2	556	3.62	123.1	2.4	14.6	5.3	14	1.7	13.0	1.7	56	0.10	0.056
1273576	Soil	1.2	17.7	6.5	19	0.3	6.8	0.8	39	0.79	33.5	0.6	4.9	0.1	7	<0.1	2.6	0.2	12	0.03	0.045
1273581	Soil	2.5	57.1	17.9	99	0.3	54.9	14.2	453	3.54	109.9	1.9	19.7	4.0	16	<0.1	7.8	2.2	55	0.02	0.074
1273571	Soil	8.6	65.7	51.0	118	0.3	27.1	2.1	52	3.72	170.7	3.9	19.8	3.8	28	<0.1	17.9	1.1	33	0.05	0.149
1273577	Soil	1.5	62.5	12.9	74	0.2	40.9	4.9	121	3.27	462.3	1.9	57.6	4.4	13	0.1	7.9	1.5	40	<0.01	0.049
1273572	Soil	4.8	62.8	22.7	87	0.2	18.2	2.3	76	3.15	152.1	2.5	13.3	3.1	21	<0.1	12.8	0.9	27	0.02	0.093



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		La	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	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1273201	Soil	15	625	0.10	131	0.120	4	3.50	0.009	0.05	<0.1	0.03	33.9	<0.1	<0.05	17	<0.5	<0.2
1273212	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.
1273211	Soil	16	35	0.26	140	0.018	<1	4.18	0.012	0.13	0.2	0.02	5.9	0.3	1.14	6	2.9	0.3
1273223	Soil	10	12	0.16	208	0.012	<1	1.97	0.003	0.15	<0.1	<0.01	1.7	0.4	<0.05	5	0.8	<0.2
1272798	Soil	20	89	0.63	301	0.043	1	2.32	0.011	0.18	<0.1	0.01	4.4	0.3	<0.05	6	4.5	<0.2
1273226	Soil	8	6	0.10	114	0.012	<1	1.21	0.009	0.10	<0.1	0.01	0.9	0.2	<0.05	3	<0.5	<0.2
1273215	Soil	10	23	0.16	81	0.006	<1	1.10	0.007	0.02	0.3	0.01	3.6	0.2	0.12	5	7.7	0.7
1273209	Soil	23	24	0.10	52	0.007	1	0.60	0.008	0.03	0.3	0.05	3.0	0.2	<0.05	4	7.2	1.3
1273204	Soil	18	13	0.06	237	0.010	4	0.39	0.008	0.03	0.3	<0.01	1.9	<0.1	<0.05	2	3.1	<0.2
1273206	Soil	19	16	0.08	205	0.005	2	0.51	0.005	0.04	0.3	<0.01	2.3	0.1	<0.05	3	6.9	0.2
1273210	Soil	17	28	0.35	55	0.008	2	1.21	0.009	0.04	0.2	0.03	2.8	0.1	0.15	6	7.0	1.1
1273222	Soil	31	9	0.06	371	0.004	<1	0.92	0.003	0.03	<0.1	<0.01	1.9	0.5	<0.05	5	1.9	0.2
1272800	Soil	24	35	0.49	202	0.031	2	1.72	0.011	0.08	0.1	0.01	3.7	0.2	0.07	5	3.1	<0.2
1273208	Soil	33	29	0.21	84	0.003	<1	0.86	0.010	0.04	0.5	0.02	3.9	0.5	<0.05	6	29.7	<0.2
1273224	Soil	16	33	0.22	253	0.013	<1	1.99	0.002	0.05	<0.1	<0.01	5.3	0.3	0.08	9	3.0	<0.2
1273221	Soil	24	14	0.04	313	0.010	<1	1.46	0.002	0.02	<0.1	<0.01	2.7	0.4	<0.05	6	1.6	<0.2
1273216	Soil	12	29	0.17	91	0.007	<1	1.08	0.008	0.03	0.4	<0.01	3.6	0.1	0.19	6	8.9	1.1
1273220	Soil	24	8	0.07	353	0.007	<1	1.22	0.003	0.04	<0.1	0.03	1.7	0.3	<0.05	5	2.8	0.5
1273569	Soil	20	14	<0.01	431	0.005	10	0.30	0.002	0.03	0.5	0.03	2.6	<0.1	<0.05	1	8.8	0.4
1273570	Soil	18	14	0.03	431	0.010	6	0.43	0.007	0.03	0.5	0.01	3.0	0.1	<0.05	2	8.6	0.2
1273584	Soil	17	21	0.17	318	0.009	2	0.79	0.004	0.06	0.1	<0.01	3.7	0.1	<0.05	2	5.6	0.3
1273219	Soil	19	10	0.13	274	0.014	<1	1.69	0.005	0.07	0.1	0.01	2.2	0.3	0.05	6	3.8	0.2
1273566	Soil	30	38	0.04	1764	0.020	3	1.18	0.004	0.05	0.2	<0.01	6.8	0.2	0.06	6	8.8	0.4
1273579	Soil	19	41	0.26	353	0.029	4	1.34	0.004	0.06	0.1	0.01	5.7	0.2	<0.05	4	3.5	<0.2
1273578	Soil	20	53	0.21	460	0.015	6	2.43	0.003	0.04	0.3	<0.01	7.1	0.2	<0.05	6	1.4	0.2
1273576	Soil	6	8	0.04	105	0.006	2	0.55	0.021	0.02	<0.1	0.02	0.9	<0.1	<0.05	2	0.9	<0.2
1273581	Soil	18	36	0.25	282	0.029	3	1.30	0.005	0.05	0.1	0.02	4.2	0.1	<0.05	4	2.3	<0.2
1273571	Soil	18	16	0.03	328	0.006	4	0.34	0.004	0.03	0.3	<0.01	3.7	<0.1	<0.05	1	6.8	0.2
1273577	Soil	15	30	0.11	227	0.008	3	0.81	0.001	0.03	<0.1	<0.01	3.9	0.2	<0.05	3	1.9	<0.2
1273572	Soil	17	18	0.03	263	0.006	3	0.36	0.005	0.03	0.2	<0.01	3.7	0.1	<0.05	1	4.1	<0.2



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		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	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	ppm 0.1	ppb 0.5	ppm 0.1	ppm 1	ppm 0.1	ppm 0.1	ppm 0.1	ppm 2	% 0.01	% 0.001
1273564	Soil	5.8	88.1	50.1	43	0.3	13.1	8.4	61	3.27	109.0	4.1	17.5	9.4	13	<0.1	23.9	0.4	34	<0.01	0.049
1273565	Soil	4.1	91.7	35.7	58	0.7	16.1	3.3	30	6.60	98.7	3.3	14.8	8.7	21	<0.1	13.0	0.6	52	<0.01	0.101
1273568	Soil	8.2	27.6	136.5	105	0.7	13.3	0.6	35	1.80	99.5	4.9	29.6	4.5	128	0.2	15.0	2.4	41	0.14	0.366
1273582	Soil	1.8	79.3	18.0	89	0.4	51.1	3.9	131	3.29	199.4	2.1	21.3	4.5	14	<0.1	8.8	1.0	51	0.01	0.062
1273563	Soil	7.6	77.5	18.7	57	0.2	14.7	4.2	37	3.39	112.9	5.4	9.4	8.7	64	<0.1	31.3	0.3	34	0.01	0.089
1273561	Soil	2.4	62.1	15.2	13	<0.1	3.1	1.5	16	2.17	65.2	4.7	4.9	7.8	10	<0.1	19.5	0.2	23	<0.01	0.044
1273562	Soil	4.2	77.4	20.0	19	0.2	4.0	4.9	50	2.57	64.2	3.6	7.1	8.1	18	<0.1	17.2	0.3	29	<0.01	0.051
1273567	Soil	6.2	76.4	54.2	75	1.3	29.9	1.6	49	4.86	71.1	5.2	32.1	7.8	59	<0.1	16.1	1.6	90	0.32	0.400
1273583	Soil	3.0	58.8	22.2	76	0.5	34.3	4.3	188	4.02	237.1	1.5	24.6	2.8	20	0.1	6.9	1.0	50	0.02	0.083
1273587	Soil	11.4	34.9	38.0	75	0.5	20.2	3.9	89	3.92	219.4	1.8	6.5	7.1	20	0.1	5.2	1.1	69	0.01	0.111
1273580	Soil	2.7	64.0	16.6	103	0.3	56.3	17.6	569	3.70	104.9	1.9	12.4	4.9	12	<0.1	8.8	1.3	45	0.01	0.060
1273591	Soil	3.1	84.4	42.6	99	0.1	26.4	2.7	79	12.60	199.9	2.6	4.7	8.5	22	<0.1	3.9	0.7	66	<0.01	0.279
1273585	Soil	5.3	51.9	32.5	59	0.6	24.8	3.4	93	4.20	147.7	1.9	12.6	1.6	24	<0.1	4.7	1.7	51	0.04	0.116
1273590	Soil	3.9	81.0	35.8	104	0.2	29.8	3.2	102	10.51	237.8	2.1	10.5	6.7	19	0.1	2.7	0.7	63	<0.01	0.192
1273594	Soil	3.3	96.3	72.1	146	0.3	66.0	5.2	99	12.03	548.6	2.4	5.3	5.3	37	<0.1	3.4	0.6	66	0.02	0.204
1273586	Soil	5.5	54.8	54.2	106	0.5	26.4	3.4	109	5.12	163.5	2.8	15.6	7.6	22	0.2	6.6	1.6	53	0.02	0.105
1273589	Soil	3.4	78.0	34.5	93	0.3	23.8	4.3	114	9.33	130.3	2.5	9.4	4.6	13	<0.1	3.2	0.5	50	0.02	0.230
1273588	Soil	4.2	102.7	67.6	145	0.6	46.6	4.6	108	11.26	255.0	4.6	10.1	7.8	24	0.2	4.2	0.9	67	0.02	0.252
1273593	Soil	3.5	88.1	44.7	136	0.2	58.4	5.7	112	11.55	188.6	1.9	6.0	4.7	31	<0.1	2.0	0.6	70	0.01	0.163
1273592	Soil	3.5	81.6	54.7	135	0.1	36.6	3.4	68	12.71	211.7	2.8	5.1	5.2	29	0.1	2.2	0.5	63	<0.01	0.236



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CERTIFICATE OF ANALYSIS

DAW12000226.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1273564	Soil	29	24	<0.01	485	<0.001	5	0.54	0.002	0.05	<0.1	<0.01	5.6	0.3	<0.05	3	6.0	0.3
1273565	Soil	19	26	0.02	1097	0.003	4	0.81	0.003	0.05	<0.1	<0.01	5.1	0.4	<0.05	4	7.6	0.3
1273568	Soil	27	16	0.01	714	0.006	8	0.38	0.004	0.03	1.3	0.02	3.4	0.1	<0.05	2	5.8	0.2
1273582	Soil	18	42	0.22	392	0.019	3	1.31	0.004	0.06	<0.1	<0.01	4.8	0.2	<0.05	5	3.0	<0.2
1273563	Soil	28	25	0.01	984	0.001	3	0.65	0.003	0.05	<0.1	<0.01	5.6	0.1	<0.05	2	5.5	<0.2
1273561	Soil	30	20	<0.01	311	<0.001	3	0.33	0.002	0.05	<0.1	<0.01	5.0	0.1	<0.05	2	3.5	0.2
1273562	Soil	31	24	<0.01	442	<0.001	4	0.43	0.002	0.05	0.1	<0.01	4.6	0.2	<0.05	3	7.4	<0.2
1273567	Soil	24	32	0.05	707	0.024	6	1.43	0.007	0.06	0.2	0.01	6.4	0.3	<0.05	6	5.1	<0.2
1273583	Soil	15	40	0.47	372	0.034	2	1.68	0.006	0.08	<0.1	0.04	2.9	0.2	0.06	5	2.2	<0.2
1273587	Soil	17	20	0.22	265	0.006	2	0.99	0.006	0.10	0.1	<0.01	2.9	0.3	0.10	4	5.3	0.2
1273580	Soil	18	35	0.17	307	0.014	2	1.05	0.003	0.05	<0.1	<0.01	3.5	0.1	<0.05	3	2.4	<0.2
1273591	Soil	8	41	0.36	157	0.015	<1	2.01	0.010	0.17	<0.1	<0.01	5.8	0.3	0.36	7	3.2	<0.2
1273585	Soil	17	27	0.26	286	0.014	3	1.55	0.008	0.08	0.2	0.02	1.6	0.3	0.10	6	3.7	0.2
1273590	Soil	8	38	0.44	149	0.015	<1	2.18	0.008	0.16	<0.1	<0.01	5.2	0.3	0.20	7	2.1	<0.2
1273594	Soil	6	36	0.46	252	0.040	<1	3.08	0.010	0.23	0.2	0.02	5.9	0.5	0.29	9	2.6	<0.2
1273586	Soil	18	27	0.35	282	0.010	<1	1.46	0.007	0.09	0.2	0.01	3.1	0.2	<0.05	5	5.4	0.2
1273589	Soil	7	31	0.29	84	0.014	<1	1.62	0.012	0.09	0.1	0.03	4.0	0.2	0.17	5	2.0	<0.2
1273588	Soil	9	36	0.38	159	0.020	<1	2.33	0.010	0.14	0.1	0.04	4.6	0.3	0.21	7	4.0	0.2
1273593	Soil	6	40	0.47	218	0.031	<1	3.19	0.009	0.25	0.1	0.02	6.2	0.5	0.28	9	2.3	<0.2
1273592	Soil	5	36	0.36	196	0.020	<1	2.27	0.015	0.21	<0.1	0.01	5.4	0.4	0.41	7	1.8	<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	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	0.1	2	0.01
Pulp Duplicates																					
1272983	Soil	17.6	80.7	43.1	60	0.7	10.6	3.7	104	5.00	255.9	3.1	26.7	9.3	9	0.2	8.7	4.5	104	0.02	0.107
REP 1272983	QC	17.7	83.5	42.7	61	0.6	11.4	3.6	103	4.94	258.9	3.2	18.8	9.5	10	0.3	8.7	4.3	103	0.02	0.106
1273207	Soil	15.5	78.4	63.6	41	0.3	4.8	1.2	34	3.80	142.3	2.1	10.6	6.3	9	0.2	6.5	1.8	75	0.03	0.056
REP 1273207	QC	17.0	85.1	66.0	42	0.3	5.8	1.3	37	3.96	154.5	2.2	16.9	6.5	11	0.2	7.3	1.9	79	0.03	0.059
1273204	Soil	5.5	46.6	17.2	25	0.2	4.4	1.3	48	2.07	145.6	2.3	10.1	4.3	14	<0.1	5.1	2.7	26	0.03	0.071
REP 1273204	QC	4.7	45.5	17.5	27	0.2	4.2	1.3	49	2.03	144.9	2.2	8.6	4.4	15	<0.1	4.8	2.6	26	0.03	0.072
1273568	Soil	8.2	27.6	136.5	105	0.7	13.3	0.6	35	1.80	99.5	4.9	29.6	4.5	128	0.2	15.0	2.4	41	0.14	0.366
REP 1273568	QC	6.6	28.0	131.9	103	0.7	11.8	0.7	31	1.71	95.3	5.1	38.6	4.3	119	0.1	14.2	2.2	38	0.11	0.358
Reference Materials																					
STD DS9	Standard	12.7	112.1	122.8	316	2.0	42.0	7.8	603	2.42	25.7	2.5	138.4	6.0	66	2.4	5.2	5.1	45	0.72	0.085
STD DS9	Standard	13.5	104.7	117.7	302	1.9	40.4	7.5	544	2.30	24.0	2.7	104.4	6.2	71	2.3	5.6	6.4	41	0.67	0.079
STD DS9	Standard	12.1	104.0	106.6	281	1.6	36.7	7.2	549	2.22	23.1	2.2	99.6	4.7	60	2.2	4.5	5.1	37	0.71	0.074
STD DS9 Expected		12.84	108	126	317	1.83	40.3	7.6	575	2.33	25.5	2.69	118	6.38	69.6	2.4	4.94	6.32	40	0.7201	0.0819
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	0.1	<0.1	<1	<0.1	0.2	<0.1	<1	0.02	0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001



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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
		La	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	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
1272983	Soil	20	26	0.14	81	0.006	<1	0.78	0.006	0.03	0.3	0.02	3.2	0.3	<0.05	5	13.1	0.3
REP 1272983	QC	21	26	0.14	84	0.006	1	0.77	0.006	0.03	0.3	0.01	3.2	0.3	<0.05	5	11.8	0.3
1273207	Soil	16	18	0.03	125	0.003	<1	0.41	0.004	0.02	0.2	0.01	1.9	0.3	<0.05	3	8.0	0.2
REP 1273207	QC	18	20	0.04	139	0.003	<1	0.44	0.004	0.03	0.2	0.02	2.2	0.2	<0.05	3	8.8	0.3
1273204	Soil	18	13	0.06	237	0.010	4	0.39	0.008	0.03	0.3	<0.01	1.9	<0.1	<0.05	2	3.1	<0.2
REP 1273204	QC	20	12	0.07	257	0.011	4	0.43	0.009	0.03	0.4	0.01	2.1	<0.1	<0.05	2	2.9	<0.2
1273568	Soil	27	16	0.01	714	0.006	8	0.38	0.004	0.03	1.3	0.02	3.4	0.1	<0.05	2	5.8	0.2
REP 1273568	QC	26	14	0.01	684	0.005	10	0.35	0.003	0.03	0.9	0.01	3.3	<0.1	<0.05	2	6.5	0.2
Reference Materials																		
STD DS9	Standard	12	129	0.65	298	0.105	4	0.95	0.097	0.37	3.0	0.23	2.4	5.8	0.15	5	5.3	4.8
STD DS9	Standard	14	117	0.62	302	0.107	4	0.88	0.085	0.33	3.0	0.19	2.9	5.2	0.14	4	5.0	5.8
STD DS9	Standard	11	118	0.59	296	0.094	2	0.94	0.083	0.38	2.7	0.19	2.4	5.2	0.11	4	4.9	4.5
STD DS9 Expected		13.3	121	0.6165	295	0.1108		0.9577	0.0853	0.395	2.89	0.2	2.5	5.3	0.1615	4.59	5.2	5.02
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

Appendix 4 - 2012 Soil sample location data

sample_id	utm_zone	utm_easting	utm_northing	wgs84_longitude	wgs84_latitude	sample_date	colour	texture	moisture	site_slope	depth	horizon	site_vegetation	ground_cover
1273337	9	460639	6992763	-129.778751	63.06224611	05/08/2012	Reddish Yellow	Silt	Damp	Pronounced Slope	60	C	No Tree Cover	Bare Soil
1272387	9	459242	6993375	-129.8065391	63.06758377	07/08/2012	Dark Brown	Sand	Damp	Pronounced Slope	50	C	No Tree Cover	Rock Cover
1273367	9	460213	6993337	-129.7873175	63.06735081	06/08/2012	Chocolate Brown	Sand	Damp	Steep	20	C	No Tree Cover	Bare Soil
1273536	9	460283	6993142	-129.7858853	63.0656085	06/08/2012	Light Brown	Silt	Dry	Subtle Slope	10	C	No Tree Cover	Rock Cover
1273115	9	460576	6992114	-129.7798415	63.05641488	04/08/2012	Light Brown	Sand	Damp	Steep	20	B	No Tree Cover	Rock Cover
1273485	9	459434	6992381	-129.8024946	63.05868487	06/08/2012	Reddish Yellow	Silt	Damp	Steep	40	C	No Tree Cover	Bare Soil
1272780	9	460754	6991872	-129.7762631	63.05426242	03/08/2012	Chocolate Brown	Gravel	Dry	Steep	40	C	No Tree Cover	Rock Cover
1272781	9	460714	6991843	-129.7770472	63.05399782	03/08/2012	Chocolate Brown	Gravel	Dry	Pronounced Slope	50	C	No Tree Cover	Bare Soil
1273114	9	460617	6992142	-129.7790373	63.05667063	04/08/2012	Light Brown	Sand	Damp	Pronounced Slope	30	B	No Tree Cover	Rock Cover
1273540	9	460091	6992998	-129.789649	63.06429507	06/08/2012	Chocolate Brown	Silt	Damp	Flat	40	C	No Tree Cover	Rock Cover
1273458	9	460468	6993159	-129.7822292	63.06578132	06/08/2012	Reddish Yellow	Sand	Damp	Pronounced Slope	50	C	No Tree Cover	Bare Soil
1273327	9	460036	6991827	-129.7904521	63.05378003	04/08/2012	Reddish Brown	Gravel	Damp	Steep	30	C	No Tree Cover	Rock Cover
1273113	9	460658	6992174	-129.778234	63.05696226	04/08/2012	Light Brown	Sand	Damp	Steep	30	B	No Tree Cover	Rock Cover
1273214	9	460515	6991941	-129.7810064	63.05485567	04/08/2012	Chocolate Brown	Gravel	Dry	Steep	40	C	No Tree Cover	Rock Cover
1273368	9	460177	6993311	-129.7880235	63.06711352	06/08/2012	Chocolate Brown	Sand	Damp	Steep	20	C	No Tree Cover	Rock Cover
1273369	9	460136	6993277	-129.7888264	63.06680388	06/08/2012	Chocolate Brown	Sand	Damp	Steep	20	C	No Tree Cover	Rock Cover
1273209	9	460715	6992091	-129.7770867	63.05622358	04/08/2012	Chocolate Brown	Gravel	Damp	Steep	50	C	No Tree Cover	Rock Cover
1272984	9	460733	6991982	-129.7767047	63.05524732	04/08/2012	Reddish Orange	Gravel	Damp	Pronounced Slope	30	C	No Tree Cover	Rock Cover
1272985	9	460691	6991953	-129.7775284	63.05498251	04/08/2012	Reddish Brown	Sand	Damp	Pronounced Slope	30	C	No Tree Cover	Rock Cover
1273533	9	460413	6993238	-129.7833364	63.06648428	06/08/2012	Reddish Yellow	Sand	Dry	Pronounced Slope	30	C	No Tree Cover	Bare Soil
1272986	9	460657	6991915	-129.7781918	63.05463779	04/08/2012	Reddish Orange	Sand	Damp	Pronounced Slope	30	C	No Tree Cover	Rock Cover
1273030	9	459931	6992626	-129.7927236	63.06093894	06/08/2012	Light Bluish Grey	Gravel	Dry	Steep	60	B	No Tree Cover	Rock Cover
1273519	9	460175	6992059	-129.7877594	63.0558774	05/08/2012	Chocolate Brown	Silt	Damp	Subtle Slope	40	C	No Tree Cover	Rock Cover
1273370	9	460094	6993247	-129.7896501	63.06653002	06/08/2012	Chocolate Brown	Gravel	Damp	Steep	30	C	No Tree Cover	Rock Cover
1272989	9	460538	6991836	-129.7805263	63.05391586	04/08/2012	Chocolate Brown	Sand	Damp	Steep	20	C	No Tree Cover	Rock Cover
1273514	9	460369	6992184	-129.7839526	63.05702049	05/08/2012	Yellow	Clay	Damp	Flat	50	C	No Tree Cover	Bare Soil
1272483	9	461109	6991792	-129.769225	63.053581	04/08/2012	Chocolate Brown	Gravel	Damp	Steep	40	C	No Tree Cover	Rock Cover
1273213	9	460553	6991972	-129.7802623	63.05513801	04/08/2012	Chocolate Brown	Gravel	Damp	Steep	40	C	No Tree Cover	Rock Cover
1273535	9	460332	6993180	-129.784925	63.0659549	06/08/2012	Chocolate Brown	Sand	Damp	Pronounced Slope	50	C	No Tree Cover	Bare Soil
1273241	9	460215	6992589	-129.7870966	63.06063821	05/08/2012	Chocolate Brown	Gravel	Dry	Pronounced Slope	50	C	No Tree Cover	Rock Cover
1273013	9	460572	6993109	-129.7801595	63.06534395	06/08/2012	Chocolate Brown	Gravel	Dry	Steep	40	B	No Tree Cover	Rock Cover
1273056	9	459750	6993366	-129.7964855	63.06755986	07/08/2012	Yellow	Silt	Dry	Pronounced Slope	30	B	No Tree Cover	Bare Soil
1273216	9	460433	6991881	-129.7826137	63.05430825	04/08/2012	Chocolate Brown	Gravel	Dry	Steep	30	C	No Tree Cover	Rock Cover
1273464	9	460230	6992976	-129.7868937	63.06411294	06/08/2012	Chocolate Brown	Sand	Damp	Subtle Slope	40	C	No Tree Cover	Frost Boil
1273107	9	460898	6992353	-129.7735296	63.05859468	04/08/2012	Dark Grey Black	Sand	Damp	Subtle Slope	30	B	No Tree Cover	Rock Cover
1273478	9	459713	6992594	-129.7970282	63.06062756	06/08/2012	Bluish Grey	Sand	Damp	Subtle Slope	30	C	No Tree Cover	Frost Boil
1272497	9	460534	6991330	-129.7804839	63.04937439	04/08/2012	Chocolate Brown	Silt	Dry	Steep	40	B	No Tree Cover	Rock Cover
1273364	9	460314	6993426	-129.7853406	63.06816062	06/08/2012	Grey	Sand	Damp	Steep	40	C	No Tree Cover	Rock Cover
1273229	9	460895	6992952	-129.7776884	63.06394835	05/08/2012	Dark Blue Black	Gravel	Dry	Pronounced Slope	50	C	No Tree Cover	Rock Cover
1273169	9	460237	6993220	-129.7868143	63.06630345	06/08/2012	Dark Brown	Sand	Damp	Pronounced Slope	30	B	No Tree Cover	Rock Cover
1273240	9	460254	6992621	-129.7863329	63.06092968	05/08/2012	Chocolate Brown	Gravel	Dry	Steep	40	C	No Tree Cover	Rock Cover
1273118	9	460455	6992036	-129.7822159	63.05570168	04/08/2012	Light Brown	Sand	Damp	Pronounced Slope	30	B	No Tree Cover	Rock Cover
1273326	9	460074	6991858	-129.7897082	63.05406243	04/08/2012	Light Brown	Gravel	Damp	Pronounced Slope	30	C	No Tree Cover	Rock Cover
1273168	9	460275	6993252	-129.7860702	63.0665948	06/08/2012	Dark Brown	Sand	Damp	Steep	30	B	No Tree Cover	Rock Cover
1273242	9	460174	6992561	-129.7879009	63.06038242	05/08/2012	Chocolate Brown	Gravel	Dry	Steep	40	C	No Tree Cover	Rock Cover
1273615	9	459153	6993170	-129.8082491	63.065734	07/08/2012	Chocolate Brown	Gravel	Dry	Pronounced Slope	40	C	No Tree Cover	Rock Cover
1273232	9	460576	6992862	-129.7800211	63.06312771	05/08/2012	Dark Brown	Gravel	Dry	Steep	50	C	No Tree Cover	Rock Cover
1273526	9	459937	6991883	-129.7924237	63.05427166	05/08/2012	Chocolate Brown	Sand	Damp	Pronounced Slope	30	C	No Tree Cover	Rock Cover
1272882	9	460916	6991739	-129.7730275	63.05308635	03/08/2012	Light Brown	Sand	Damp	Subtle Slope	40	B	No Tree Cover	Rock Cover
1273461	9	460347	6993070	-129.7846016	63.06496937	06/08/2012	Grey	Sand	Damp	Pronounced Slope	30	C	No Tree Cover	Rock Cover
1273534	9	460365	6993218	-129.784275	63.066303	06/08/2012	Chocolate Brown	Sand	Damp	Pronounced Slope	50	C	No Tree Cover	Bare Soil
1273535	9	460332	6993180	-129.784925	63.0659549	06/08/2012	Chocolate Brown	Sand	Damp	Pronounced Slope	50	C	No Tree Cover	Bare Soil
1273379	9	459722	6993008	-129.7959625	63.0643495	06/08/2012	Grey	Sand	Damp	Subtle Slope	30	C	No Tree Cover	Rock Cover
1273459	9	460435	6993130	-129.7828751	63.06551746	06/08/2012	Dark Grey Black	Sand	Damp	Pronounced Slope	30	C	No Tree Cover	Bare Soil
1272987	9	460621	6991878	-129.7788949	63.05430182	04/08/2012	Reddish Brown	Gravel	Damp	Pronounced Slope	30	C	No Tree Cover	Rock Cover
1273477	9	459754	6992618	-129.7962223	63.0608475	06/08/2012	Grey	Sand	Damp	Subtle Slope	40	C	No Tree Cover	Rock Cover
1273173	9	460033	6993080	-129.7908164	63.06502457	06/08/2012	Dark Brown	Sand	Damp	Pronounced Slope	40	B	No Tree Cover	Rock Cover
1273031	9	459892	6992597	-129.793488	63.06067436	06/08/2012	Grey	Silt	Dry	Steep	30	B	No Tree Cover	Rock Cover
1273531	9	460497	6993298	-129.7816888	63.06703192	06/08/2012	Reddish Yellow	Silt	Damp	Pronounced Slope	30	C	No Tree Cover	Rock Cover
1272773	9	460955	6992023	-129.7723237	63.05563928	03/08/2012	Chocolate Brown	Gravel	Dry	Steep	10	C	No Tree Cover	Rock Cover
1273360	9	459715	6992089	-129.7968647	63.05609574	05/08/2012	Light Brown	Sand	Dry	Pronounced Slope	30	C	No Tree Cover	Bare Soil
1273388	9	459414	6992739	-129.8029787	63.06189543	06/08/2012	Grey	Sand	Damp	Steep	40	C	No Tree Cover	Grass Cover
1273325	9	460109	6991898	-129.7890257	63.05442526	04/08/2012	Light Brown	Sand	Damp	Steep	30	C	No Tree Cover	Bare Soil
1273012	9	460612	6993139	-129.7793753	63.06561754	06/08/2012	Chocolate Brown	Silt	Dry	Steep	40	B	No Tree Cover	Rock Cover
1273314	9	460516	6992184	-129.781045	63.05703655	04/08/2012	Reddish Yellow	Gravel	Damp	Steep	30	C	No Tree Cover	Rock Cover
1272988	9	460573	6991867	-129.7798415	63.05419788	04/08/2012	Light Brown	Silt	Damp	Subtle Slope	30	C	No Tree Cover	Bare Soil
1273233	9	460535	6992832	-129.780825	63.06285402	05/08/2012	Dark Brown	Gravel	Dry	Steep	50	C	No Tree Cover	Rock Cover
1273460	9	460389	6993104	-129.7837789	63.06527909	06/08/2012	Dark Grey Black	Sand	Damp	Pronounced Slope	20	C	No Tree Cover	Bare Soil
1272891	9	460514	6991435	-129.7809046	63.05031452	03/08/2012	Light Brown	Sand	Damp	Pronounced Slope	30	B	No Tree Cover	Rock Cover
1273472	9	459916	6992740	-129.7930482	63.06196035	06/08/2012	Chocolate Brown	Gravel	Damp	Pronounced Slope	20	C	No Tree Cover	Rock Cover
1273577	9	459731	6993227	-129.7968274	63.06631032	07/08/2012	Light Brown	Clay	Damp	Flat	50	C	No Tree Cover	Thin Moss Cover
1272574	9	460975	6991901	-129.7718992	63.05454656	03/08/2012	Reddish Yellow	Sand	Damp	Steep	30	C	No Tree Cover	Bare Soil
1273032	9	459849	6992571	-129.7943323	63.06043626	06/08/2012	Grey	Silt	Dry	Steep	60	B	No Tree Cover	Bare Soil
1273476	9	459833	6992677	-129.7946747	63.06138577	06/08/2012	Grey	Sand	Damp	Pronounced Slope	30	C	No Tree Cover	Rock Cover
1273014	9	460539	6993082	-129.7808059	63.06509804	06/08/2012	Chocolate Brown	Silt	Dry	Steep	40	B	No Tree Cover	Rock Cover
1273117	9	460497	6992054	-129.7813896	63.05586781	04/08/2012	Light Brown	Sand	Damp	Pronounced Slope	30	B	No Tree Cover	Rock Cover
1273259	9	459534	6992080	-129.8004424	63.05599478	05/08/2012	Reddish Brown	Gravel	Dry	Steep	30	C	No Tree Cover	Bare Soil
1273120	9	460346	6991966	-129.7843549	63.05506155	04/08/2012	Light Brown	Sand	Damp	Pronounced Slope	40	B	No Tree Cover	Rock Cover
1273215	9	460473	6991911	-129.7818298	63.05458185	04/08/2012	Chocolate Brown	Gravel	Dry	Steep	30	C	No Tree Cover	Rock Cover
1273320	9	460270	6992004	-129.7858672	63.05539425	04/08/2012	Light Brown	Gravel	Damp	Subtle Slope	30	C	No Tree Cover	Bare Soil
1273365	9	460295	6993395	-129.7857091	63.06788033	06/08/2012	Chocolate Brown	Sand	Damp	Steep	50	C	No Tree Cover	Bare Soil
1273355	9	459917	6992238	-129.7929059	63.05745534	05/08/2012	Light Brown	Silt	Damp	Pronounced Slope	50	C	No Tree Cover	Bare Soil
1273170	9	460194	6993199	-129.78766	63.06611026	06/08/2012	Greyish Green	Sand	Damp	Pronounced Slope	40	B	No Tree Cover	Rock Cover
1273324	9	460109	6991898	-129.7890257										

1273033	9	459812	6992543	-129.7950573	63.06018087	06/08/2012	Grey	Silt	Dry	Steep		30	B	No Tree Cover	Rock Cover
1273475	9	459793	6992650	-129.7954594	63.06113902	06/08/2012	Grey	Sand	Wet	Subtle Slope		30	C	No Tree Cover	Frost Boil
1273538	9	460171	6993055	-129.7880801	63.06481542	06/08/2012	Chocolate Brown	Silt	Damp	Flat		30	C	No Tree Cover	Thin Moss Cover
1273539	9	460116	6993027	-129.7891614	63.06455808	06/08/2012	Chocolate Brown	Clay	Damp	Flat		40	C	No Tree Cover	Thin Moss Cover
1273486	9	459393	6992350	-129.8032979	63.05840207	06/08/2012	Chocolate Brown	Sand	Damp	Subtle Slope		30	C	No Tree Cover	Rock Cover
1272575	9	460975	6991901	-129.7718992	63.05454656	03/08/2012	Reddish Yellow	Sand	Damp	Steep		20	C	No Tree Cover	Bare Soil
1273177	9	459913	6992988	-129.7931681	63.06418566	06/08/2012	Light Brown	Sand	Damp	Subtle Slope		60	C	No Tree Cover	Thin Moss Cover
1273186	9	459553	6992720	-129.8002242	63.06174048	06/08/2012	Bluish Grey	Sand	Damp	Pronounced Slope		70	C	No Tree Cover	Bare Soil
1273263	9	460195	6993450	-129.7877701	63.06836293	06/08/2012	Dark Brown	Gravel	Dry	Steep		50	C	No Tree Cover	Rock Cover
1273452	9	459860	6991976	-129.7939693	63.05509774	05/08/2012	Reddish Yellow	Sand	Damp	Pronounced Slope		30	C	No Tree Cover	Bare Soil
1273463	9	460273	6993009	-129.7860509	63.06441381	06/08/2012	Grey	Sand	Damp	Pronounced Slope		40	C	No Tree Cover	Bare Soil
1273263	9	460195	6993450	-129.7877701	63.06836293	06/08/2012	Dark Brown	Gravel	Dry	Steep		50	C	No Tree Cover	Rock Cover
1273276	9	459713	6993091	-129.7971501	63.06500878	06/08/2012	Chocolate Brown	Clay	Dry	Subtle Slope		50	C	No Tree Cover	Thin Moss Cover
1273137	9	460474	6992910	-129.7820505	63.06354736	05/08/2012	Grey	Sand	Damp	Pronounced Slope		30	B	No Tree Cover	Rock Cover
1273366	9	460254	6993369	-129.786514	63.0676425	06/08/2012	Grey	Sand	Damp	Steep		40	C	No Tree Cover	Bare Soil
1273246	9	460014	6992440	-129.7910364	63.05927889	05/08/2012	Dark Brown	Gravel	Dry	Pronounced Slope		40	C	No Tree Cover	Rock Cover
1273344	9	460295	6992516	-129.7854965	63.05999187	05/08/2012	Chocolate Brown	Sand	Damp	Steep		20	C	No Tree Cover	Rock Cover
1273027	9	460053	6992716	-129.7903321	63.06176011	06/08/2012	Yellow	Sand	Dry	Steep		40	C	No Tree Cover	Bare Soil
1273034	9	459774	6992509	-129.7958007	63.05987152	06/08/2012	Dark Brown	Silt	Dry	Steep		60	B	No Tree Cover	Grass Cover
1273544	9	459930	6992879	-129.7928051	63.06320934	06/08/2012	Grey	Silt	Damp	Subtle Slope		40	C	No Tree Cover	Bare Soil
1273438	9	460490	6992550	-129.7816473	63.06031833	05/08/2012	Dark Brown	Gravel	Dry	Steep		40	B	No Tree Cover	Rock Cover
1273462	9	460317	6993034	-129.7851865	63.064643	06/08/2012	Grey	Sand	Damp	Subtle Slope		30	C	No Tree Cover	Rock Cover
1273208	9	460753	6992122	-129.7763426	63.05650591	04/08/2012	Chocolate Brown	Gravel	Dry	Steep		40	C	No Tree Cover	Rock Cover
1273319	9	460326	6992021	-129.7847637	63.05555295	04/08/2012	Light Brown	Sand	Damp	Subtle Slope		30	C	No Tree Cover	Bare Soil
1273119	9	460417	6991994	-129.7829574	63.05532061	04/08/2012	Light Brown	Sand	Damp	Pronounced Slope		50	B	No Tree Cover	Grass Cover
1273234	9	460495	6992802	-129.7816091	63.06258042	05/08/2012	Dark Brown	Gravel	Dry	Steep		40	C	No Tree Cover	Rock Cover
1273179	9	459834	6992929	-129.7947166	63.06364741	06/08/2012	Light Brown	Sand	Damp	Subtle Slope		60	C	No Tree Cover	Thin Moss Cover
1273152	9	459913	6992489	-129.7930462	63.05970746	05/08/2012	Light Grey	Sand	Damp	Pronounced Slope		40	B	No Tree Cover	Leaf Cover
1273142	9	460274	6992760	-129.7859709	63.06217931	05/08/2012	Greyish Green	Sand	Damp	Pronounced Slope		50	C	No Tree Cover	Bare Soil
1273230	9	460654	6992922	-129.7784923	63.06367467	05/08/2012	Dark Blue Black	Gravel	Dry	Subtle Slope		60	C	No Tree Cover	Rock Cover
1273122	9	460210	6991858	-129.7870185	63.0540774	04/08/2012	Light Brown	Sand	Damp	Subtle Slope		40	C	No Tree Cover	Rock Cover
1272968	9	460452	6991023	-129.7820315	63.04661031	03/08/2012	Reddish Brown	Sand	Damp	Pronounced Slope		40	C	No Tree Cover	Rock Cover
1273029	9	459970	6992659	-129.7919602	63.0612394	06/08/2012	Dark Brown	Silt	Dry	Steep		40	B	No Tree Cover	Bare Soil
1272381	9	459504	6993541	-129.8013961	63.06910292	07/08/2012	Reddish Yellow	Sand	Dry	Subtle Slope		40	C	No Tree Cover	Bare Soil
1273316	9	460435	6992122	-129.7826322	63.05647129	04/08/2012	Light Brown	Sand	Damp	Pronounced Slope		50	C	No Tree Cover	Rock Cover
1273318	9	460357	6992061	-129.7841602	63.05591532	04/08/2012	Light Brown	Sand	Damp	Pronounced Slope		40	C	No Tree Cover	Bare Soil
1273264	9	460154	6993420	-129.788505	63.06808919	06/08/2012	Dark Brown	Gravel	Dry	Steep		30	C	No Tree Cover	Rock Cover
1272877	9	461119	6991896	-129.76905	63.05451718	03/08/2012	Yellow	Sand	Wet	Steep		30	B	No Tree Cover	Sphagnum Moss < 30cm
1273483	9	459516	6992345	-129.8008859	63.05917866	06/08/2012	Reddish Orange	Silt	Damp	Subtle Slope		40	C	No Tree Cover	Rock Cover
1273182	9	459712	6992481	-129.7971086	63.06284411	06/08/2012	Greyish Green	Sand	Damp	Subtle Slope		50	C	No Tree Cover	Rock Cover
1272958	9	460845	6991315	-129.7743306	63.04927353	03/08/2012	Chocolate Brown	Sand	Damp	Steep		30	C	No Tree Cover	Rock Cover
1273413	9	460350	6992311	-129.7843359	63.05815815	05/08/2012	Chocolate Brown	Sand	Damp	Pronounced Slope		20	C	No Tree Cover	Rock Cover
1273521	9	460093	6992000	-129.7893669	63.05533888	05/08/2012	Light Brown	Silt	Damp	Pronounced Slope		50	C	No Tree Cover	Bare Soil
1273181	9	459759	6992864	-129.7961844	63.06305575	06/08/2012	Light Brown	Sand	Damp	Pronounced Slope		40	C	No Tree Cover	Rock Cover
1273023	9	460172	6992810	-129.7880009	63.06261682	06/08/2012	Chocolate Brown	Silt	Dry	Steep		40	B	No Tree Cover	Rock Cover
1273568	9	459973	6993408	-129.7920835	63.06796152	07/08/2012	Dark Grey Black	Silt	Dry	Pronounced Slope		40	C	No Tree Cover	Bare Soil
1273150	9	459955	6992519	-129.7922228	63.05998134	05/08/2012	Light Grey	Sand	Damp	Pronounced Slope		80	C	No Tree Cover	Thin Moss Cover
1273454	9	459780	6991897	-129.7955321	63.05437989	05/08/2012	Reddish Yellow	Silt	Damp	Pronounced Slope		40	B	No Tree Cover	Frost Boil
1273154	9	459842	6992427	-129.7944355	63.05914318	05/08/2012	Light Brown	Sand	Damp	Pronounced Slope		40	B	No Tree Cover	Rock Cover
1273522	9	460055	6991969	-129.7901109	63.05505649	05/08/2012	Dark Brown	Silt	Damp	Subtle Slope		20	B	No Tree Cover	Thin Moss Cover
1273422	9	459955	6992016	-129.7921001	63.05546724	05/08/2012	Chocolate Brown	Silt	Damp	Pronounced Slope		50	B	No Tree Cover	Thin Moss Cover
1273028	9	460013	6992687	-129.7911164	63.06149544	06/08/2012	Light Brown	Silt	Dry	Steep		40	B	No Tree Cover	Rock Cover
1272888	9	460655	6991503	-129.7781327	63.05094012	03/08/2012	Light Brown	Sand	Damp	Steep		30	B	No Tree Cover	Rock Cover
1272576	9	460937	6991876	-129.7726448	63.05431811	03/08/2012	Reddish Brown	Gravel	Damp	Steep		40	C	No Tree Cover	Rock Cover
1273349	9	460115	6992383	-129.7890248	63.05877849	05/08/2012	Chocolate Brown	Sand	Damp	Subtle Slope		40	C	No Tree Cover	Rock Cover
1273457	9	460511	6993196	-129.7813873	63.06611807	06/08/2012	Chocolate Brown	Gravel	Damp	Steep		20	C	No Tree Cover	Rock Cover
1273250	9	459844	6992302	-129.7943654	63.05802161	05/08/2012	Chocolate Brown	Gravel	Dry	Steep		30	C	No Tree Cover	Rock Cover
1273171	9	460152	6993168	-129.7884834	63.06582743	06/08/2012	Greyish Green	Sand	Damp	Pronounced Slope		30	B	No Tree Cover	Rock Cover
1273465	9	460193	6992949	-129.7876191	63.06386656	06/08/2012	Chocolate Brown	Sand	Damp	Flat		50	C	No Tree Cover	Frost Boil
1273004	9	459892	6992101	-129.7933669	63.05622308	05/08/2012	Chocolate Brown	Silt	Dry	Pronounced Slope		20	C	No Tree Cover	Rock Cover
1273495	9	459852	6993568	-129.7945168	63.06938401	07/08/2012	Dark Grey Black	Sand	Damp	Pronounced Slope		30	C	No Tree Cover	Rock Cover
1273172	9	460114	6993139	-129.7892282	63.06556299	06/08/2012	Greyish Green	Sand	Damp	Subtle Slope		50	B	No Tree Cover	Rock Cover
1273373	9	459971	6993160	-129.7920625	63.06573566	06/08/2012	Dark Grey Black	Gravel	Damp	Pronounced Slope		30	C	No Tree Cover	Rock Cover
1273015	9	460493	6993047	-129.7817076	63.06477892	06/08/2012	Chocolate Brown	Silt	Dry	Steep		40	B	No Tree Cover	Rock Cover
1273467	9	460110	6992890	-129.7892468	63.06332794	06/08/2012	Chocolate Brown	Sand	Damp	Pronounced Slope		30	C	No Tree Cover	Rock Cover
1273139	9	460395	6992850	-129.7835989	63.06300026	05/08/2012	Light Brown	Sand	Damp	Pronounced Slope		80	C	No Tree Cover	Rock Cover
1273470	9	459993	6992797	-129.7915388	63.06248041	06/08/2012	Chocolate Brown	Sand	Damp	Pronounced Slope		50	C	No Tree Cover	Rock Cover
1273715	9	459230	6993484	-129.8068036	63.06856062	07/08/2012	Chocolate Brown	Sand	Damp	Steep		40	B	No Tree Cover	Rock Cover
1273035	9	459733	6992481	-129.7966048	63.05961568	06/08/2012	Chocolate Brown	Silt	Dry	Steep		40	B	No Tree Cover	Bare Soil
1273356	9	459875	6992208	-129.7937293	63.05718146	05/08/2012	Chocolate Brown	Gravel	Damp	Pronounced Slope		40	C	No Tree Cover	Thin Moss Cover
1273384	9	459573	6992600	-129.7998631	63.06299912	06/08/2012	Chocolate Brown	Sand	Damp	Subtle Slope		40	C	No Tree Cover	Thin Moss Cover
1273267	9	460036	6993329	-129.7908177	63.06725951	06/08/2012	Dark Grey Black	Gravel	Dry	Steep		20	C	No Tree Cover	Rock Cover
1273016	9	460454	6993016	-129.7824717	63.06449646	06/08/2012	Chocolate Brown	Silt	Dry	Steep		40	B	No Tree Cover	Bare Soil
1273035	9	459733	6992481	-129.7966048	63.05961568	06/08/2012	Chocolate Brown	Silt	Dry	Steep		40	B	No Tree Cover	Bare Soil
1273060	9	459592	6993248	-129.7995827	63.06648328	07/08/2012	Chocolate Brown	Silt	Dry	Pronounced Slope		30	C	No Tree Cover	Rock Cover
1273481	9	459592	6992500	-129.7993986	63.05977048	06/08/2012	Chocolate Brown	Silt	Damp	Subtle Slope		50	B	No Tree Cover	Thin Moss Cover
1273281	9	459514	6992940	-129.80105	63.06371047	06/08/2012	Chocolate Brown	Clay	Dry	Pronounced Slope		50	B	No Tree Cover	Thin Moss Cover
1273244	9	460080	6992510	-129.7897479	63.05991437	05/08/2012	Chocolate Brown	Gravel	Dry	Steep		40	C	No Tree Cover	Rock Cover
1273265	9	460115	6993390	-129.7892694	63.06781566	06/08/2012	Chocolate Brown	Gravel	Dry	Steep		20	C	No Tree Cover	Rock Cover
1273026	9	460088	6992752	-129.7896485	63.06208705	06/08/2012	Chocolate Brown	Silt	Dry	Steep		60	B	No Tree Cover	Bare Soil
1273495	9	459852	6993568	-129.7945168	63.06938401	07/08/2012	Dark Grey Black	Sand	Damp	Pronounced Slope		30	C	No Tree Cover	Rock Cover
1273147	9	460074	6992610	-129.7898909	63.06081115	05/08/2012	Greyish Green	Sand	Damp	Pronounced Slope		40	B	No Tree Cover	Rock Cover
1273546	9	459856	6992821	-129.7942549	63.06268062	06/0									

1273335	9	460713	6992838	-129.777305	63.06292723	05/08/2012	Grey	Sand	Wet	Subtle Slope	40	C	No Tree Cover	Bare Soil
1273346	9	460228	6992474	-129.7868116	63.05960759	05/08/2012	Grey	Gravel	Damp	Steep	30	C	No Tree Cover	Rock Cover
12733017	9	460419	6992280	-129.7831555	63.06416955	06/08/2012	Chocolate Brown	Silt	Dry	Steep	40	B	No Tree Cover	Rock Cover
1273414	9	460317	6992276	-129.7850081	63.05801992	05/08/2012	Chocolate Brown	Sand	Damp	Pronounced Slope	40	C	No Tree Cover	Rock Cover
1273357	9	459836	6992117	-129.7944931	63.05689893	05/08/2012	Grey	Sand	Damp	Subtle Slope	60	C	No Tree Cover	Bare Soil
1273053	9	459872	6993459	-129.7940944	63.06840803	07/08/2012	Dark Brown	Silt	Dry	Steep	50	B	No Tree Cover	Bare Soil
1273252	9	459813	6992289	-129.7949754	63.0579015	05/08/2012	Chocolate Brown	Gravel	Dry	Pronounced Slope	20	C	No Tree Cover	Rock Cover
1273180	9	459795	6992900	-129.795481	63.06338282	06/08/2012	Light Brown	Silt	Damp	Subtle Slope	80	C	No Tree Cover	Bare Soil
1273532	9	460453	6993268	-129.7825522	63.06675789	06/08/2012	Reddish Brown	Sand	Damp	Pronounced Slope	30	C	No Tree Cover	Bare Soil
1273550	9	459692	6992699	-129.7974694	63.06156753	06/08/2012	Dark Brown	Silt	Damp	Pronounced Slope	60	C	No Tree Cover	Grass Cover
1273371	9	460055	6993215	-129.790414	63.06623853	06/08/2012	Dark Grey Black	Sand	Damp	Pronounced Slope	30	C	No Tree Cover	Rock Cover
1273496	9	459813	6993537	-129.7952809	63.06910148	07/08/2012	Dark Grey Black	Sand	Damp	Steep	30	C	No Tree Cover	Bare Soil
1273520	9	460135	6992032	-129.788544	63.05563069	05/08/2012	Dark Brown	Silt	Damp	Pronounced Slope	50	B	No Tree Cover	Rock Cover
1273384	9	459573	6992860	-129.7998631	63.06299912	06/08/2012	Chocolate Brown	Sand	Damp	Subtle Slope	40	C	No Tree Cover	Thin Moss Cover
1273005	9	459859	6992063	-129.7940103	63.0558784	05/08/2012	Chocolate Brown	Sand	Dry	Pronounced Slope	40	C	No Tree Cover	Rock Cover
1273568	9	459973	6993408	-129.7920835	63.06796152	07/08/2012	Dark Grey Black	Silt	Dry	Pronounced Slope	40	C	No Tree Cover	Rock Cover
1273340	9	460514	6992686	-129.7812053	63.06154147	05/08/2012	Grey	Sand	Damp	Pronounced Slope	40	C	No Tree Cover	Rock Cover
1273412	9	460392	6992350	-129.7835377	63.05851275	05/08/2012	Chocolate Brown	Sand	Damp	Steep	50	C	No Tree Cover	Rock Cover
1273019	9	460333	6992928	-129.7848443	63.06369347	06/08/2012	Chocolate Brown	Gravel	Damp	Subtle Slope	30	B	No Tree Cover	Bare Soil
1273256	9	459653	6992169	-129.7981107	63.05680678	05/08/2012	Dark Brown	Gravel	Dry	Pronounced Slope	50	C	No Tree Cover	Rock Cover
1272578	9	460817	6991785	-129.7949964	63.05348847	03/08/2012	Grey	Sand	Damp	Pronounced Slope	40	C	No Tree Cover	Bare Soil
1272885	9	460772	6991608	-129.775844	63.05189513	03/08/2012	Dark Grey Black	Sand	Damp	Pronounced Slope	30	B	No Tree Cover	Rock Cover
1273243	9	460134	6992529	-129.7886844	63.06009084	05/08/2012	Chocolate Brown	Gravel	Dry	Steep	60	C	No Tree Cover	Rock Cover
1273417	9	460193	6992196	-129.7874366	63.05710887	05/08/2012	Reddish Yellow	Sand	Damp	Pronounced Slope	40	C	No Tree Cover	Rock Cover
1273055	9	459792	6993396	-129.7956619	63.06783376	07/08/2012	Dark Grey Black	Silt	Dry	Pronounced Slope	50	B	No Tree Cover	Rock Cover
1273537	9	460197	6993059	-129.7875667	63.06485418	06/08/2012	Light Brown	Clay	Damp	Flat	30	C	No Tree Cover	Bare Soil
1273357	9	459836	6992177	-129.7944931	63.05689893	05/08/2012	Grey	Sand	Damp	Subtle Slope	60	C	No Tree Cover	Bare Soil
1273322	9	460196	6991945	-129.7873172	63.05488356	04/08/2012	Chocolate Green	Sand	Damp	Pronounced Slope	40	C	No Tree Cover	Bare Soil
1273147	9	460074	6992610	-129.7898909	63.06081115	05/08/2012	Greyish Green	Sand	Damp	Pronounced Slope	40	B	No Tree Cover	Rock Cover
1273429	9	460855	6992817	-129.7744908	63.06275415	05/08/2012	Chocolate Brown	Gravel	Damp	Subtle Slope	20	B	No Tree Cover	Rock Cover
1273334	9	460752	6992868	-129.7765406	63.06320069	05/08/2012	Grey	Sand	Damp	Subtle Slope	50	C	No Tree Cover	Bare Soil
1273065	9	459392	6993100	-129.8035032	63.0651327	07/08/2012	Dark Brown	Silt	Dry	Steep	40	B	No Tree Cover	Bare Soil
1273570	9	459892	6993347	-129.7936712	63.06740512	07/08/2012	Dark Grey Black	Sand	Damp	Pronounced Slope	50	C	No Tree Cover	Rock Cover
1273305	9	460872	6992456	-129.7740685	63.05951624	04/08/2012	Bluish Grey	Gravel	Wet	Steep	20	C	No Tree Cover	Rock Cover
1273054	9	459831	6993428	-129.794898	63.06812527	07/08/2012	Dark Grey Black	Silt	Dry	Steep	40	B	No Tree Cover	Rock Cover
1272983	9	460774	6992012	-129.7759009	63.055521	04/08/2012	Chocolate Brown	Silt	Damp	Pronounced Slope	40	C	No Tree Cover	Bare Soil
1273268	9	459995	6993301	-129.7916221	63.0670037	06/08/2012	Dark Grey Black	Gravel	Dry	Steep	50	C	No Tree Cover	Rock Cover
1273323	9	460158	6991914	-129.7880605	63.05457425	04/08/2012	Reddish Yellow	Sand	Damp	Steep	30	C	No Tree Cover	Rock Cover
1273183	9	459662	6992833	-129.7980957	63.06276675	06/08/2012	Greyish Green	Sand	Damp	Subtle Slope	40	B	No Tree Cover	Grass Cover
1273058	9	459670	6993308	-129.7980542	63.06703044	07/08/2012	Chocolate Brown	Silt	Dry	Pronounced Slope	60	C	No Tree Cover	Bare Soil
1273339	9	460555	6992715	-129.7804012	63.06180619	05/08/2012	Grey	Sand	Damp	Steep	40	C	No Tree Cover	Bare Soil
1273260	9	460313	6993538	-129.7853875	63.06916564	06/08/2012	Dark Brown	Gravel	Dry	Pronounced Slope	30	C	No Tree Cover	Rock Cover
1273756	9	459456	6993263	-129.8022772	63.06660269	07/08/2012	Chocolate Brown	Sand	Damp	Pronounced Slope	30	C	No Tree Cover	Bare Soil
1273423	9	459914	6991989	-129.7929044	63.05522039	05/08/2012	Chocolate Brown	Sand	Dry	Pronounced Slope	20	C	No Tree Cover	Rock Cover
1272879	9	461027	6991843	-129.770857	63.05403165	03/08/2012	Yellow	Sand	Damp	Pronounced Slope	80	B	No Tree Cover	Rock Cover
1273124	9	460254	6991871	-129.7861514	63.0541989	04/08/2012	Light Brown	Sand	Damp	Subtle Slope	50	B	No Tree Cover	Rock Cover
1273393	9	460013	6993939	-129.7914214	63.07273132	07/08/2012	Bluish Grey	Sand	Damp	Subtle Slope	30	C	No Tree Cover	Bare Soil
1273415	9	460277	6992265	-129.7857918	63.05773733	05/08/2012	Chocolate Brown	Sand	Damp	Pronounced Slope	20	C	No Tree Cover	Rock Cover
1273052	9	459912	6993486	-129.7933095	63.06865477	07/08/2012	Dark Brown	Silt	Dry	Steep	60	B	No Tree Cover	Rock Cover
1273342	9	460434	6992625	-129.7827732	63.06098529	05/08/2012	Grey	Gravel	Damp	Steep	30	C	No Tree Cover	Rock Cover
1273466	9	460178	6992880	-129.7878991	63.06324568	06/08/2012	Grey	Gravel	Damp	Pronounced Slope	30	C	No Tree Cover	Rock Cover
1273376	9	459893	6993100	-129.7935911	63.06518857	06/08/2012	Bluish Grey	Sand	Damp	Subtle Slope	40	C	No Tree Cover	Rock Cover
1273164	9	460433	6993379	-129.7829747	63.06775186	06/08/2012	Light Brown	Sand	Damp	Pronounced Slope	30	B	No Tree Cover	Rock Cover
1273269	9	459954	6993269	-129.7924255	63.06671199	06/08/2012	Dark Grey Black	Gravel	Dry	Steep	40	C	No Tree Cover	Rock Cover
1273499	9	459697	6993441	-129.7975526	63.06822704	07/08/2012	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	No Tree Cover	Thin Moss Cover
1273141	9	460314	6992790	-129.7851869	63.06245293	05/08/2012	Greyish Green	Sand	Damp	Pronounced Slope	60	C	No Tree Cover	Bare Soil
1273512	9	460454	6992270	-129.782292	63.05780158	05/08/2012	Grey	Silt	Damp	Pronounced Slope	50	C	No Tree Cover	Bare Soil
1273042	9	459454	6992271	-129.8020718	63.05769993	06/08/2012	Yellow	Silt	Damp	Pronounced Slope	60	C	No Tree Cover	Rock Cover
1273184	9	459627	6992779	-129.7987749	63.06227823	06/08/2012	Light Brown	Sand	Damp	Subtle Slope	70	C	No Tree Cover	Bare Soil
1273260	9	460313	6993538	-129.7853875	63.06916564	06/08/2012	Dark Brown	Gravel	Dry	Pronounced Slope	30	C	No Tree Cover	Rock Cover
1273277	9	459672	6993062	-129.7979542	63.06482298	06/08/2012	Chocolate Brown	Gravel	Dry	Subtle Slope	60	C	No Tree Cover	Thin Moss Cover
1273620	9	458954	6993020	-129.8121488	63.06436534	07/08/2012	Chocolate Brown	Gravel	Dry	Steep	20	C	No Tree Cover	Rock Cover
1273338	9	460595	6992729	-129.7796133	63.06193619	05/08/2012	Grey	Sand	Damp	Pronounced Slope	30	C	No Tree Cover	Bare Soil
1273480	9	459637	6992526	-129.7985148	63.06000884	06/08/2012	Chocolate Brown	Silt	Damp	Pronounced Slope	40	C	No Tree Cover	Thin Moss Cover
1273604	9	459595	6993499	-129.7995851	63.06873617	07/08/2012	Chocolate Brown	Clay	Dry	Pronounced Slope	30	B	No Tree Cover	Rock Cover
1273018	9	460374	6992955	-129.7840397	63.06394027	06/08/2012	Chocolate Brown	Silt	Dry	Steep	40	B	No Tree Cover	Bare Soil
1273070	9	459187	6992943	-129.8075199	63.06370067	07/08/2012	Chocolate Brown	Silt	Dry	Steep	20	C	No Tree Cover	Bare Soil
1273583	9	459493	6993050	-129.8014926	63.0646953	07/08/2012	Chocolate Brown	Silt	Damp	Flat	40	C	No Tree Cover	Thin Moss Cover
1273755	9	459493	6993300	-129.8015543	63.06693888	07/08/2012	Reddish Yellow	Sand	Damp	Pronounced Slope	40	C	No Tree Cover	Rock Cover
1273039	9	459573	6992359	-129.7997397	63.05850298	06/08/2012	Chocolate Brown	Silt	Dry	Pronounced Slope	30	C	No Tree Cover	Rock Cover
1273602	9	459675	6993559	-129.7980169	63.06928356	07/08/2012	Dark Brown	Gravel	Dry	Pronounced Slope	30	C	No Tree Cover	Rock Cover
1273167	9	460322	6993276	-129.7851461	63.06681534	06/08/2012	Light Bluish Grey	Sand	Damp	Pronounced Slope	40	B	No Tree Cover	Rock Cover
1273282	9	459474	6992910	-129.8018339	63.06343677	06/08/2012	Chocolate Brown	Clay	Dry	Subtle Slope	50	B	No Tree Cover	Thin Moss Cover
1273482	9	459555	6992459	-129.8001204	63.0593984	06/08/2012	Reddish Yellow	Silt	Damp	Subtle Slope	40	C	No Tree Cover	Rock Cover
1273607	9	459473	6993410	-129.8019772	63.06792382	07/08/2012	Dark Brown	Gravel	Dry	Pronounced Slope	60	C	No Tree Cover	Bare Soil
1273308	9	460750	6992371	-129.7764614	63.0587402	04/08/2012	Grey	Gravel	Damp	Steep	20	C	No Tree Cover	Rock Cover
1272383	9	459400	6993500	-129.8034438	63.06872332	07/08/2012	Light Brown	Sand	Dry	Pronounced Slope	40	C	No Tree Cover	Rock Cover
1272878	9	461066	6991867	-129.7700914	63.05425123	03/08/2012	Yellow	Sand	Wet	Pronounced Slope	40	B	No Tree Cover	Rock Cover
1273191	9	459342	6992159	-129.8043485	63.059913	06/08/2012	Chocolate Brown	Sand	Damp	Pronounced Slope	40	C	No Tree Cover	Bare Soil
1272499	9	460455	6991272	-129.7820321	63.04884526	04/08/2012	Chocolate Brown	Silt	Dry	Steep	90	B	No Tree Cover	Rock Cover
1273231	9	460616	6992890	-129.7792364	63.06338335	05/08/2012	Dark Grey Black	Gravel	Dry	Steep	40	C	No Tree Cover	Rock Cover
1273195	9	459285	6992396	-129.8054455	63.05880275	06/08/2012	Chocolate Brown	Sand	Damp	Pronounced Slope	40	B	No Tree Cover	Rock Cover
1273432	9	460735	6992727	-129.7768432	63.06193346	05/08/2012	Chocolate Brown	Silt	Dry	Pronounced Slope	50	B	No Tree Cover	Bare Soil
1272881	9	460947	6991795	-129.7724278	63.05359226	03/08/2012	Light Brown	Sand	Damp	Pronounced Slope	30	B	No Tree Cover	Rock Cover
1273255	9	459693	6992198	-129.7973266	63.05707149	05/08/2012	Chocolate Brown	Clay	Damp	Pronounced Slope				

1272776	9	460912	6991993	-129.773167	63.05536541	03/08/2012	Chocolate Brown	Gravel	Dry	Steep		10	C	No Tree Cover	Rock Cover
1273336	9	460674	6992809	-129.7780696	63.06266273	05/08/2012	Grey	Sand	Damp	Subtle Slope		30	C	No Tree Cover	Rock Cover
1273341	9	460473	6992657	-129.7820094	63.06127674	05/08/2012	Grey	Sand	Damp	Steep		30	C	No Tree Cover	Rock Cover
1273557	9	459453	6992520	-129.8021531	63.05993443	06/08/2012	Dark Brown	Silt	Damp	Subtle Slope		40	C	No Tree Cover	Thin Moss Cover
1273702	9	459755	6993869	-129.79651	63.07207451	07/08/2012	Greyish Green	Sand	Damp	Pronounced Slope		40	C	No Tree Cover	Bare Soil
1272498	9	460497	6991299	-129.7812081	63.04909215	04/08/2012	Chocolate Brown	Silt	Dry	Steep		40	C	No Tree Cover	Rock Cover
1273554	9	459573	6992609	-129.7998013	63.06074657	06/08/2012	Dark Blue Black	Silt	Wet	Subtle Slope		40	C	No Tree Cover	Bare Soil
1273375	9	459933	6993127	-129.7928063	63.06543531	06/08/2012	Grey	Silt	Damp	Subtle Slope		40	B	No Tree Cover	Thin Moss Cover
1272887	9	460705	6991527	-129.7771496	63.05116094	03/08/2012	Dark Grey Black	Sand	Damp	Steep		40	B	No Tree Cover	Rock Cover
1273511	9	460497	6992299	-129.7814485	63.05806653	05/08/2012	Grey	Silt	Damp	Pronounced Slope		40	C	No Tree Cover	Bare Soil
1273143	9	460241	6992735	-129.7866177	63.06195133	05/08/2012	Greyish Green	Sand	Damp	Pronounced Slope		60	B	No Tree Cover	Rock Cover
1273059	9	459631	6993277	-129.7988182	63.06674789	07/08/2012	Chocolate Brown	Silt	Dry	Pronounced Slope		40	C	No Tree Cover	Grass Cover
1273162	9	459514	6992199	-129.8008673	63.05706049	05/08/2012	Dark Brown	Sand	Damp	Subtle Slope		30	B	No Tree Cover	Thin Moss Cover
1273377	9	459851	6993070	-129.7944147	63.06491468	06/08/2012	Grey	Gravel	Damp	Subtle Slope		30	C	No Tree Cover	Rock Cover
1273518	9	460212	6992092	-129.7870356	63.05617762	05/08/2012	Chocolate Brown	Silt	Damp	Subtle Slope		40	C	No Tree Cover	Bare Soil
1273148	9	460035	6992580	-129.7906551	63.06053761	05/08/2012	Greyish Green	Sand	Damp	Pronounced Slope		50	C	No Tree Cover	Rock Cover
1273754	9	459540	6993329	-129.8006315	63.06720439	07/08/2012	Light Brown	Sand	Damp	Subtle Slope		60	C	No Tree Cover	Rock Cover
1272679	9	461030	6991580	-129.7707353	63.0516717	04/08/2012	Dark Grey Black	Silt	Damp	Flat		50	C	No Tree Cover	Thin Moss Cover
1273228	9	460731	6992979	-129.7769826	63.06419457	05/08/2012	Dark Brown	Gravel	Dry	Steep		40	C	No Tree Cover	Rock Cover
1273270	9	459914	6993241	-129.7932101	63.06645628	06/08/2012	Dark Blue Black	Gravel	Dry	Pronounced Slope		40	C	No Tree Cover	Rock Cover
1273582	9	459533	6993080	-129.8007086	63.064969	07/08/2012	Light Brown	Clay	Damp	Subtle Slope		50	C	No Tree Cover	Thin Moss Cover
1273025	9	460114	6992797	-129.7891451	63.06249376	06/08/2012	Chocolate Brown	Silt	Dry	Steep		20	C	No Tree Cover	Bare Soil
1273569	9	459932	6993377	-129.7928871	63.06767878	07/08/2012	Dark Grey Black	Silt	Dry	Pronounced Slope		30	C	No Tree Cover	Bare Soil
1273752	9	459611	6993388	-129.7992412	63.06774181	07/08/2012	Grey	Sand	Damp	Subtle Slope		20	C	No Tree Cover	Bare Soil
1272379	9	459573	6993606	-129.8000468	63.06969397	07/08/2012	Light Brown	Sand	Damp	Subtle Slope		40	C	No Tree Cover	Rock Cover
1272945	9	461372	6991708	-129.7640021	63.05285707	03/08/2012	Reddish Yellow	Sand	Damp	Pronounced Slope		30	C	No Tree Cover	Rock Cover
1273410	9	460473	6992410	-129.7819499	63.05906007	05/08/2012	Chocolate Brown	Sand	Damp	Steep		30	C	No Tree Cover	Rock Cover
1273498	9	459731	6993480	-129.7968894	63.06858082	07/08/2012	Dark Grey Black	Sand	Damp	Subtle Slope		30	C	No Tree Cover	Rock Cover
1273248	9	459933	6993381	-129.7926243	63.05874044	05/08/2012	Dark Brown	Clay	Damp	Steep		50	C	No Tree Cover	Rock Cover
1273610	9	459354	6993320	-129.8043094	63.06710278	07/08/2012	Chocolate Brown	Gravel	Dry	Pronounced Slope		60	C	No Tree Cover	Bare Soil
1273000	9	460830	6992676	-129.7749517	63.06148606	05/08/2012	Grey	Sand	Wet	Subtle Slope		20	C	No Tree Cover	Rock Cover
1273418	9	460123	6992122	-129.7888032	63.05643706	05/08/2012	Chocolate Brown	Silt	Damp	Subtle Slope		20	C	No Tree Cover	Rock Cover
1273178	9	459872	6992959	-129.7939721	63.06392086	06/08/2012	Greyish Green	Sand	Damp	Subtle Slope		40	B	No Tree Cover	Thin Moss Cover
1273068	9	459272	6993009	-129.8058547	63.06430255	07/08/2012	Chocolate Brown	Silt	Dry	Steep		40	C	No Tree Cover	Bare Soil
1273493	9	459933	6993627	-129.7929284	63.06992247	07/08/2012	Dark Grey Black	Sand	Damp	Pronounced Slope		40	C	No Tree Cover	Rock Cover
1273106	9	460937	6992390	-129.772767	63.05893095	04/08/2012	Light Brown	Sand	Damp	Subtle Slope		30	B	No Tree Cover	Rock Cover
1273159	9	459633	6992281	-129.7985338	63.05780968	05/08/2012	Light Brown	Sand	Damp	Subtle Slope		50	B	No Tree Cover	Thin Moss Cover
1273516	9	460296	6992151	-129.7853885	63.05671633	05/08/2012	Reddish Yellow	Silt	Damp	Flat		40	C	No Tree Cover	Bare Soil
1273524	9	459974	6991911	-129.7916988	63.05452703	05/08/2012	Chocolate Brown	Silt	Damp	Pronounced Slope		20	B	No Tree Cover	Bare Soil
1273174	9	459994	6993044	-129.7915792	63.06469718	06/08/2012	Greyish Green	Silt	Damp	Subtle Slope		50	C	No Tree Cover	Thin Moss Cover
1273238	9	460335	6992680	-129.7847448	63.06146805	05/08/2012	Dark Brown	Gravel	Dry	Pronounced Slope		40	C	No Tree Cover	Rock Cover
1273188	9	459475	6992660	-129.8017524	63.06111933	06/08/2012	Greyish Green	Sand	Damp	Subtle Slope		50	C	No Tree Cover	Bare Soil
1273189	9	459433	6992629	-129.8025756	63.06091039	06/08/2012	Greyish Green	Sand	Damp	Pronounced Slope		40	B	No Tree Cover	Thin Moss Cover
1273553	9	459612	6992639	-129.7990372	63.06102015	06/08/2012	Dark Blue Black	Silt	Damp	Subtle Slope		90	C	No Tree Cover	Grass Cover
1272777	9	460873	6991961	-129.7739308	63.05507402	03/08/2012	Chocolate Brown	Gravel	Dry	Steep		20	C	No Tree Cover	Rock Cover
1273333	9	460793	6992899	-129.7757369	63.06348334	05/08/2012	Grey	Sand	Damp	Subtle Slope		50	C	No Tree Cover	Bare Soil
1273372	9	460015	6993185	-129.7911981	63.06596489	06/08/2012	Dark Grey Black	Sand	Damp	Pronounced Slope		30	C	No Tree Cover	Rock Cover
1273157	9	459708	6992351	-129.7970675	63.05844624	05/08/2012	Light Brown	Sand	Damp	Pronounced Slope		40	B	No Tree Cover	Thin Moss Cover
1273479	9	459673	6992561	-129.7978113	63.06032695	06/08/2012	Chocolate Brown	Sand	Damp	Subtle Slope		30	C	No Tree Cover	Thin Moss Cover
1273571	9	459853	6993318	-129.7944358	63.06714054	07/08/2012	Dark Grey Black	Sand	Damp	Subtle Slope		110	C	No Tree Cover	Bare Soil
1273022	9	460212	6992842	-129.7872173	63.0629084	06/08/2012	Chocolate Brown	Silt	Dry	Steep		40	B	No Tree Cover	Rock Cover
1273581	9	459573	6993111	-129.7999249	63.06525168	07/08/2012	Chocolate Brown	Silt	Damp	Flat		30	B	No Tree Cover	Thin Moss Cover
1272572	9	461047	6991976	-129.770493	63.0552274	03/08/2012	Grey	Sand	Damp	Pronounced Slope		30	C	No Tree Cover	Rock Cover
1273144	9	460194	6992699	-129.7875387	63.06162308	05/08/2012	Grey	Gravel	Damp	Pronounced Slope		40	B	No Tree Cover	Rock Cover
1273409	9	460504	6992435	-129.7813427	63.05928781	05/08/2012	Chocolate Brown	Sand	Damp	Pronounced Slope		30	C	No Tree Cover	Rock Cover
1273175	9	459994	6993044	-129.7915792	63.06469718	06/08/2012	Greyish Green	Silt	Damp	Subtle Slope		50	C	No Tree Cover	Thin Moss Cover
1273328	9	459994	6991798	-129.7912757	63.05351514	04/08/2012	Chocolate Brown	Sand	Damp	Steep		20	C	No Tree Cover	Rock Cover
1273557	9	459453	6992520	-129.8021531	63.05993443	06/08/2012	Dark Brown	Silt	Damp	Subtle Slope		40	C	No Tree Cover	Thin Moss Cover
1273487	9	459357	6992324	-129.8040035	63.05816469	06/08/2012	Reddish Orange	Silt	Damp	Subtle Slope		50	B	No Tree Cover	Rock Cover
1273753	9	459570	6993357	-129.8000448	63.06745903	07/08/2012	Reddish Yellow	Sand	Damp	Subtle Slope		50	C	No Tree Cover	Rock Cover
1273506	9	460691	6992450	-129.7776474	63.05944278	05/08/2012	Grey	Silt	Damp	Subtle Slope		50	C	No Tree Cover	Rock Cover
1273194	9	459233	6992480	-129.806495	63.05955074	06/08/2012	Chocolate Brown	Sand	Damp	Pronounced Slope		30	B	No Tree Cover	Rock Cover
1272573	9	461015	6991937	-129.7711166	63.05487395	03/08/2012	Light Grey	Gravel	Damp	Steep		40	C	No Tree Cover	Rock Cover
1273504	9	460773	6992510	-129.7760397	63.05999014	05/08/2012	Grey	Sand	Damp	Pronounced Slope		40	C	No Tree Cover	Rock Cover
1273433	9	460692	6992698	-129.7776869	63.06166853	05/08/2012	Dark Brown	Silt	Damp	Pronounced Slope		40	B	No Tree Cover	Bare Soil
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1273064	9	459433	6993125	-129.8026982	63.06536165	07/08/2012	Dark Brown	Silt	Damp	Pronounced Slope		30	B	No Tree Cover	Bare Soil
1272892	9	460483	6991396	-129.7815082	63.04996114	03/08/2012	Light Brown	Sand	Damp	Pronounced Slope		30	B	No Tree Cover	Rock Cover
1272983	9	460774	6992012	-129.7759009	63.055521	04/08/2012	Chocolate Brown	Silt	Damp	Pronounced Slope		40	C	No Tree Cover	Bare Soil
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1273135	9	460589	6992979	-129.779792	63.06417913	05/08/2012	Light Brown	Sand	Damp	Pronounced Slope		40	B	No Tree Cover	Thin Moss Cover
1273254	9	459732	6992230	-129.7965631	63.05736301	05/08/2012	Chocolate Brown	Clay	Dry	Pronounced Slope		40	C	No Tree Cover	Rock Cover
1273257	9	459612	6992411	-129.7989147	63.05655093	05/08/2012	Chocolate Brown	Clay	Dry	Pronounced Slope		40	C	No Tree Cover	Rock Cover
1273558	9	459416	6992489	-129.8028773	63.05965208	06/08/2012	Dark Brown	Silt	Damp	Subtle Slope		60	C	No Tree Cover	Bare Soil
1273430	9	460815	6992787	-129.775275	63.06248059	05/08/2012	Chocolate Brown	Silt	Damp	Pronounced Slope		40	B	No Tree Cover	Grass Cover
1273008	9	459732	6991981	-129.796502	63.0551284	05/08/2012	Chocolate Brown	Sand	Dry	Steep		30	C	No Tree Cover	Bare Soil
1273549	9	459734	6992730	-129.7966461	63.06185041	06/08/2012	Chocolate Brown	Silt	Damp	Flat		50	C	No Tree Cover	Bare Soil
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1273271	9	459874	6993210	-129.7939939	63.06617364	06/08/2012	Chocolate Brown	Gravel	Dry	Pronounced Slope		40	B	No Tree Cover	Rock Cover
1273374	9	459933	6993127	-129.7928063	63.0654353	06/08/2012	Grey	Silt	Damp	Subtle Slope		50	B	No Tree Cover	Thin Moss Cover
1273007	9	459777	6992008	-129.7956187	63.05537571	05/08/2012	Chocolate Brown	Silt	Dry	Pronounced Slope		60	B	No Tree Cover	Rock Cover
1273395	9	459933	6993879	-129.7929899	63.07218401	07/08/2012	Bluish Grey	Sand	Dry	Pronounced Slope		20	C	No Tree Cover	Bare Soil
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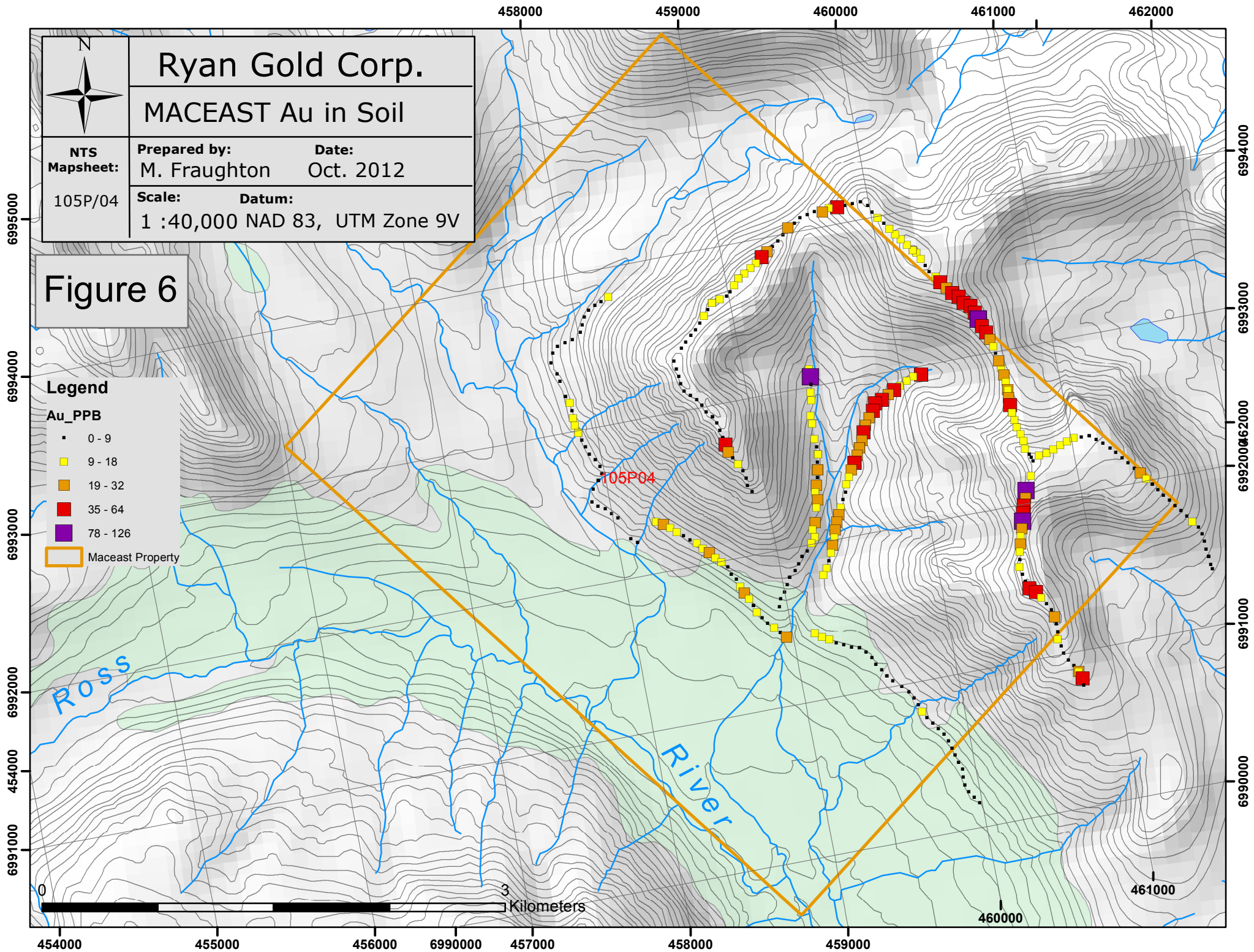
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1272686	9	460755	6991372	-129.7761239	63.04977533	04/08/2012	Dark Brown	Sand	Damp	Pronounced Slope	30	C	No Tree Cover	Rock Cover
1273405	9	460671	6992560	-129.7780693	63.06042779	05/08/2012	Grey	Sand	Damp	Pronounced Slope	30	C	No Tree Cover	Rock Cover
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1272682	9	460912	6991496	-129.7730488	63.05090514	04/08/2012	Dark Grey Black	Sand	Damp	Subtle Slope	40	C	No Tree Cover	Rock Cover
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1273556	9	459493	6992550	-129.8013692	63.06020814	06/08/2012	Grey	Silt	Damp	Subtle Slope	100	C	No Tree Cover	Thin Moss Cover
1272778	9	460847	6991934	-129.7744386	63.0548289	03/08/2012	Dark Brown	Gravel	Dry	Steep	30	C	No Tree Cover	Rock Cover
1273207	9	460791	6992150	-129.7755977	63.05676131	04/08/2012	Dark Brown	Gravel	Damp	Pronounced Slope	60	C	No Tree Cover	Rock Cover
1273321	9	460237	6991975	-129.7865128	63.05513037	04/08/2012	Grey	Gravel	Damp	Flat	30	C	No Tree Cover	Bare Soil
1273374	9	459933	6993127	-129.7928063	63.0654353	06/08/2012	Grey	Silt	Damp	Subtle Slope	50	B	No Tree Cover	Thin Moss Cover
1273050	9	459951	6993518	-129.7925456	63.06894626	07/08/2012	Chocolate Brown	Silt	Dry	Steep	30	B	No Tree Cover	Bare Soil
1273712	9	459344	6993580	-129.8045717	63.06943498	07/08/2012	Chocolate Brown	Sand	Damp	Pronounced Slope	40	C	No Tree Cover	Rock Cover
1273494	9	459891	6993598	-129.7937524	63.06965756	07/08/2012	Dark Grey Black	Sand	Damp	Pronounced Slope	30	C	No Tree Cover	Rock Cover
1273255	9	459693	6992198	-129.7973266	63.05707149	05/08/2012	Chocolate Brown	Clay	Damp	Pronounced Slope	40	B	No Tree Cover	Rock Cover
1273358	9	459795	6992147	-129.7952967	63.05662514	05/08/2012	Chocolate Brown	Sand	Damp	Subtle Slope	40	B	No Tree Cover	Thin Moss Cover
1273273	9	459794	6993150	-129.795562	63.0656263	06/08/2012	Chocolate Brown	Clay	Damp	Pronounced Slope	40	B	No Tree Cover	Thin Moss Cover
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1273436	9	460573	6992607	-129.7800192	63.06083892	05/08/2012	Dark Brown	Silt	Dry	Steep	40	B	No Tree Cover	Rock Cover
1273140	9	460355	6992819	-129.7843828	63.06271768	05/08/2012	Grey	Sand	Damp	Pronounced Slope	30	B	No Tree Cover	Thin Moss Cover
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1273497	9	459773	6993501	-129.7960635	63.06877396	07/08/2012	Dark Grey Black	Sand	Wet	Subtle Slope	50	C	No Tree Cover	Rock Cover
1273411	9	460430	6992379	-129.782793	63.05877716	05/08/2012	Grey	Sand	Damp	Steep	30	C	No Tree Cover	Rock Cover
1273453	9	459815	6991933	-129.7948487	63.05470686	05/08/2012	Reddish Yellow	Silt	Damp	Subtle Slope	40	C	No Tree Cover	Frost Boil
1272950	9	461131	6991530	-129.7687261	63.05123384	03/08/2012	Grey	Clay	Damp	Subtle Slope	30	B	No Tree Cover	Thin Moss Cover
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1273299	9	459753	6993621	-129.7964887	63.06984865	07/08/2012	Dark Grey Black	Gravel	Dry	Pronounced Slope	40	C	No Tree Cover	Rock Cover
1273760	9	459292	6993150	-129.805494	63.06557018	07/08/2012	Reddish Brown	Sand	Damp	Pronounced Slope	20	C	No Tree Cover	Bare Soil
1273545	9	459899	6992851	-129.7934116	63.06295462	06/08/2012	Grey	Silt	Damp	Pronounced Slope	40	C	No Tree Cover	Rock Cover
1273513	9	460412	6992235	-129.7831144	63.05748288	05/08/2012	Grey	Silt	Damp	Flat	30	C	No Tree Cover	Rock Cover
1273492	9	459972	6993658	-129.7921642	63.07020499	07/08/2012	Dark Grey Black	Sand	Damp	Pronounced Slope	20	C	No Tree Cover	Bare Soil
1273500	9	459652	6993418	-129.7984374	63.06801561	07/08/2012	Grey	Silt	Damp	Subtle Slope	70	C	No Tree Cover	Thin Moss Cover
1273211	9	460634	6992032	-129.7786747	63.05568529	04/08/2012	Reddish Brown	Gravel	Dry	Steep	30	C	No Tree Cover	Rock Cover
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1273704	9	459667	6993786	-129.798231	63.07131984	07/08/2012	Greyish Green	Sand	Damp	Subtle Slope	30	C	No Tree Cover	Rock Cover
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1273510	9	460533	6992328	-129.7807434	63.05833071	05/08/2012	Grey	Silt	Damp	Pronounced Slope	30	C	No Tree Cover	Rock Cover
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1272376	9	459693	6993695	-129.7976941	63.07050607	07/08/2012	Grey	Sand	Damp	Subtle Slope	40	C	No Tree Cover	Rock Cover
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1273043	9	459414	6992239	-129.8028551	63.05740827	06/08/2012	Chocolate Brown	Silt	Dry	Pronounced Slope	30	C	No Tree Cover	Rock Cover
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1273236	9	460415	6992740	-129.7831767	63.06201527	05/08/2012	Dark Brown	Gravel	Wet	Pronounced Slope	40	C	No Tree Cover	Rock Cover
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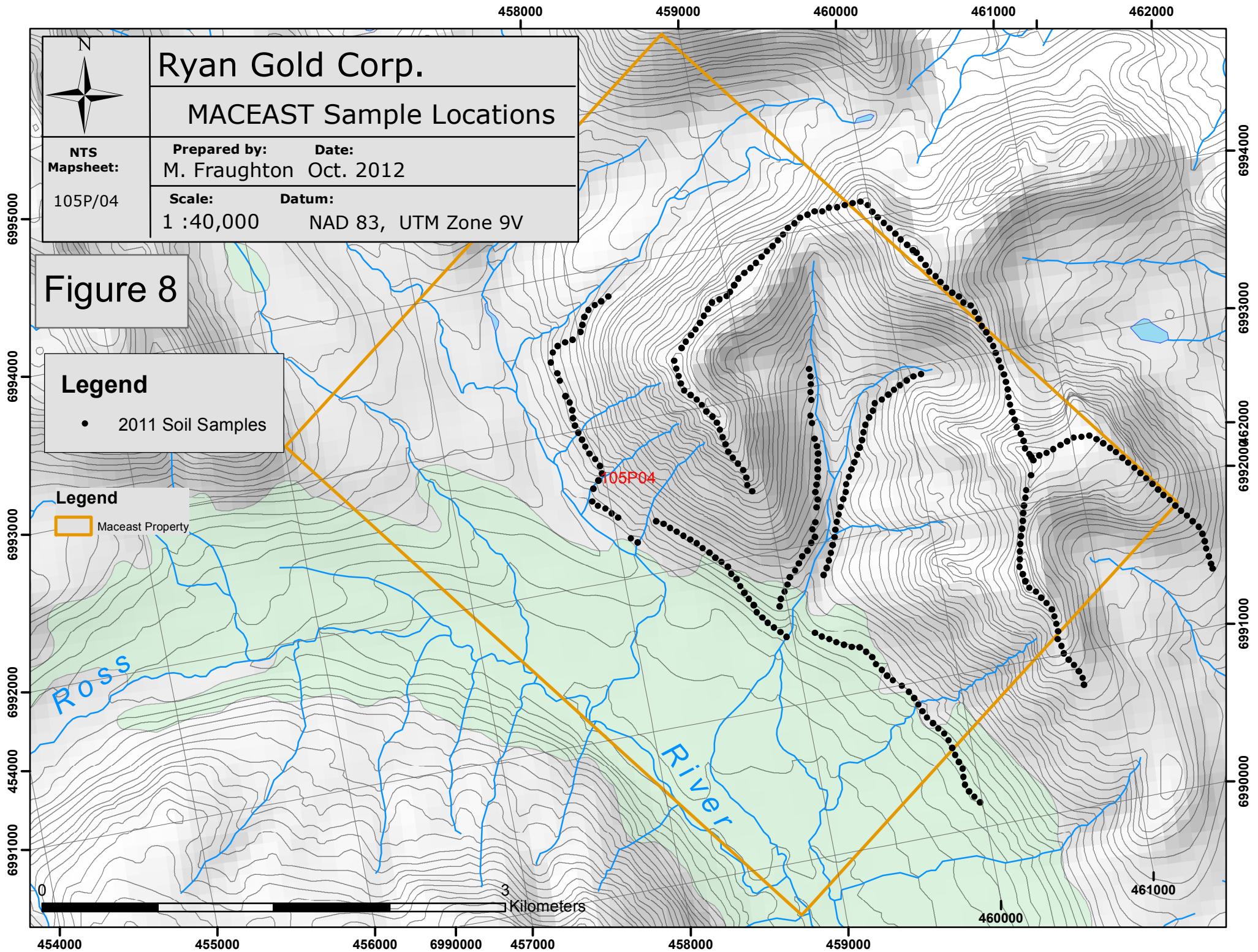
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1273153	9	459869	6992452	-129.7939076	63.05937053	05/08/2012	Light Brown	Sand	Damp	Subtle Slope	60	C	No Tree Cover	Thin Moss Cover
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1273757	9	459415	6993238	-129.8030822	63.06637373	07/08/2012	Chocolate Brown	Sand	Damp	Pronounced Slope	30	C	No Tree Cover	Rock Cover
1272484	9	461093	6991748	-129.769535	63.053185	04/08/2012								
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1273245	9	460054	6992471	-129.7902528	63.05956151	05/08/2012	Chocolate Brown	Gravel	Dry	Steep	50	C	No Tree Cover	Rock Cover
1273288	9	459192	6992699	-129.8073604	63.0615115	06/08/2012	Reddish Brown	Gravel	Dry	Pronounced Slope	20	C	No Tree Cover	Rock Cover
1273396	9	459892	6993849	-129.7937939	63.07191023	07/08/2012	Grey	Sand	Damp	Pronounced Slope	50	C	No Tree Cover	Rock Cover
1273400	9	459735	6993727	-129.7968709	63.07079793	07/08/2012	Grey	Sand	Dry	Subtle Slope	40	C	No Tree Cover	Bare Soil
1273329	9	459955	6991769	-129.7920399	63.05325057	04/08/2012	Chocolate Brown	Sand	Damp	Steep	40	C	No Tree Cover	Bare Soil
1273153	9	459869	6992452	-129.7939076	63.05937053	05/08/2012	Light Brown	Sand	Damp	Subtle Slope	60	C	No Tree Cover	Thin Moss Cover
1273279	9	459595	6992999	-129.799462	63.06424901	06/08/2012	Chocolate Brown	Gravel	Dry	Pronounced Slope	60	C	No Tree Cover	Bare Soil
1273397	9	459853	6993819	-129.7945584	63.07163668	07/08/2012	Light Brown	Sand	Damp	Pronounced Slope	60	C	No Tree Cover	Bare Soil
1272500	9	460414	6991242	-129.7828356	63.04857154	04/08/2012	Dark Brown	Silt	Dry	Subtle Slope	70	B	No Tree Cover	Rock Cover
1272691	9	460554	6991220	-129.780062	63.04838938	04/08/2012	Dark Grey Black	Gravel	Damp	Pronounced Slope	50	C	No Tree Cover	Bare Soil
1273307	9	460795	6992396	-129.7755773	63.05896944	04/08/2012	Light Bluish Grey	Sand	Damp	Pronounced Slope	40	C	No Tree Cover	Rock Cover
1273036	9	459692	6992452	-129.7974087	63.05935087	06/08/2012	Chocolate Brown	Silt	Damp	Steep	40	B	No Tree Cover	Rock Cover
1273397	9	459853	6993819	-129.7945584	63.07163668	07/08/2012	Light Brown	Sand	Damp	Pronounced Slope	60	C	No Tree Cover	Bare Soil
1273307	9	460795	6992396	-129.7755773	63.05896944	04/08/2012	Light Bluish Grey	Sand	Damp	Pronounced Slope	40	C	No Tree Cover	Rock Cover
1273331	9	459875	6991710	-129.7936076	63.05271223	04/08/2012	Chocolate Brown	Sand	Damp	Pronounced Slope	30	C	No Tree Cover	Bare Soil
1272899	9	460196	6991197	-129.7871352	63.0481438	03/08/2012	Dark Brown	Sand	Damp	Pronounced Slope	40	C	No Tree Cover	Rock Cover
1272577	9	460856	6991816	-129.7742324	63.05377089	03/08/2012	Grey	Sand	Damp	Pronounced Slope	40	C	No Tree Cover	Bare Soil
1273444	9	460255	6992369	-129.7862521	63.05866825	05/08/2012	Chocolate Brown	Silt	Damp	Steep	40	B	No Tree Cover	Bare Soil
1273705	9	459633	6993779	-129.7989021	63.07125323	07/08/2012	Greyish Green	Sand	Damp	Subtle Slope	30	B	No Tree Cover	Rock Cover
1273717	9	459145	6993417	-129.8084688	63.06794975	07/08/2012	Greyish Green	Sand	Damp	Pronounced Slope	40	B	No Tree Cover	Rock Cover
1273509	9	460572	6992358	-129.7799792	63.05860419	05/08/2012	Grey	Silt	Damp	Pronounced Slope	50	C	No Tree Cover	Bare Soil
1273606	9	459515	6993440	-129.8011535	63.06819775	07/08/2012	Dark Brown	Gravel	Dry	Pronounced Slope	30	C	No Tree Cover	Rock Cover
1273585	9	459412	6992990	-129.8030803	63.06414776	07/08/2012	Dark Brown	Silt	Damp	Flat	50	B	No Tree Cover	Grass Cover
1273332	9	459833	6991683	-129.7944316	63.05246526	04/08/2012	Chocolate Brown	Sand	Damp	Pronounced Slope	30	C	No Tree Cover	Bare Soil
1273391	9	459218	6992593	-129.8068197	63.06056315	06/08/2012	Light Brown	Gravel	Dry	Steep	30	C	No Tree Cover	Bare Soil
1272678	9	461071	6991610	-129.7699316	63.05194535	04/08/2012	Chocolate Brown	Silt	Damp	Flat	40	C	No Tree Cover	Rock Cover
1273298	9	459795	6993650	-129.7956647	63.07011358	07/08/2012	Dark Grey Black	Gravel	Dry	Steep	30	C	No Tree Cover	Rock Cover
1273580	9	459614	6993140	-129.7991208	63.06551651	07/08/2012	Chocolate Brown	Clay	Damp	Subtle Slope	110	C	No Tree Cover	Thin Moss Cover
1273490	9	460054	6993718	-129.7905562	63.07075252	07/08/2012	Dark Grey Black	Sand	Damp	Pronounced Slope	40	C	No Tree Cover	Rock Cover
1272879	9	461027	6991843	-129.770857	63.05403165	03/08/2012	Yellow	Sand	Damp	Pronounced Slope	80	B	No Tree Cover	Rock Cover
1272675	9	461207	6991674	-129.7672572	63.0525343	04/08/2012	Chocolate Brown	Silt	Damp	Subtle Slope	30	B	No Tree Cover	Bare Soil
1273280	9	459554	6992970	-129.800266	63.06398418	06/08/2012	Chocolate Brown	Clay	Dry	Subtle Slope	70	B	No Tree Cover	Thin Moss Cover
1273392	9	459174	6992560	-129.8076819	63.06026204	06/08/2012	Reddish Brown	Sand	Damp	Steep	40	C	No Tree Cover	Rock Cover
1273455	9	459751	6991870	-129.7960991	63.05413436	05/08/2012	Reddish Yellow	Silt	Damp	Pronounced Slope	30	C	No Tree Cover	Rock Cover
1272485	9	461052	6991719	-129.770339	63.052917	04/08/2012								
1273158	9	459673	6992309	-129.7977494	63.05806542	05/08/2012	Light Brown	Sand	Damp	Pronounced Slope	30	B	No Tree Cover	Thin Moss Cover
1273406	9	460632	6992528	-129.7788331	63.06013637	05/08/2012	Grey	Sand	Damp	Pronounced Slope	40	C	Old Burn	Rock Cover
1273063	9	459470	6993156	-129.8019738	63.065644	07/08/2012	Chocolate Brown	Silt	Damp	Pronounced Slope	60	C	No Tree Cover	Grass Cover
1273394	9	459973	6993910	-129.7922059	63.07246664	07/08/2012	Bluish Grey	Sand	Damp	Pronounced Slope	30	C	No Tree Cover	Rock Cover
1272893	9	460441	6991374	-129.7823334	63.04975911	03/08/2012	Dark Grey Black	Sand	Damp	Pronounced Slope	30	B	No Tree Cover	Rock Cover
1272783	9	460635	6991780	-129.7785945	63.05342386	03/08/2012	Dark Blue Black	Gravel	Dry	Pronounced Slope	50	C	No Tree Cover	Rock Cover
1272977	9	461012	6992195	-129.7712372	63.05718902	04/08/2012	Grey	Sand	Damp	Subtle Slope	70	C	No Tree Cover	Rock Cover
1272490	9	460827	6991515	-129.7747342	63.05106646	04/08/2012	Chocolate Brown	Silt	Damp	Steep	40	B	No Tree Cover	Rock Cover
1272674	9	461207	6991674	-129.7672572	63.0525343	04/08/2012	Chocolate Brown	Silt	Damp	Subtle Slope	30	B	No Tree Cover	Bare Soil
1273517	9	460253	6992121	-129.7862317	63.05644238	05/08/2012	Chocolate Brown	Silt	Damp	Subtle Slope	20	C	No Tree Cover	Bare Soil
1272677	9	461110	6991640	-129.7691674	63.05221877	04/08/2012	Grey	Silt	Damp	Flat	50	C	No Tree Cover	Bare Soil
1273442	9	460333	6992427	-129.7847233	63.05919732	05/08/2012	Chocolate Brown	Silt	Dry	Steep	50	C	No Tree Cover	Bare Soil
1273398	9	459813	6993788	-129.7953423	63.07135403	05/08/2012	Light Brown	Sand	Dry	Pronounced Slope	50	C	No Tree Cover	Rock Cover
1272967	9	460492	6991053	-129.7812478	63.0468839	03/08/2012	Chocolate Brown	Sand	Damp	Pronounced Slope	100	C	No Tree Cover	Rock Cover
1272680	9	460991	6991548	-129.7714989	63.05138032	04/08/2012	Dark Brown	Clay	Damp	Flat	50	B	No Tree Cover	Bare Soil
1273543	9	459972	6992908	-129.7919813	63.06347424	06/08/2012	Chocolate Brown	Silt	Damp	Pronounced Slope	50	C	No Tree Cover	Bare Soil
1273559	9	459375	6992454	-129.8036797	63.05933338	06/08/2012	Dark Brown	Silt	Damp	Subtle Slope	70	C	No Tree Cover	Bare Soil
1273353	9	459996	6992294	-129.7913569	63.05796664	05/08/2012	Chocolate Brown	Sand	Damp	Subtle Slope	30	C	No Tree Cover	Bare Soil
1273187	9	459514	6992690	-129.8009883	63.06146689	06/08/2012	Greyish Green	Sand	Damp	Subtle Slope	30	B	No Tree Cover	Rock Cover
1273758	9	459372	6993209	-129.8039258	63.06610865	07/08/2012	Dark Brown	Sand	Damp	Pronounced Slope	40	C	No Tree Cover	Bare Soil
1272775	9	460995	6992052	-129.7715395	63.05590385	03/08/2012	Dark Brown	Gravel	Damp	Steep	20	C	Old Burn	Rock Cover
1273350	9	460075	6992354	-129.7898089	63.05851383	05/08/2012	Chocolate Brown	Sand	Damp	Subtle Slope	20	C	No Tree Cover	Rock Cover
1273205	9	460874	6992210	-129.7739703	63.05730875	04/08/2012	Bluish Grey	Gravel	Damp	Subtle Slope	50	C	No Tree Cover	Rock Cover
1273443	9	460292	6											

1273707	9	459553	6993718	-129.8004702	63.07069686	07/08/2012	Greyish Green	Sand	Damp	Subtle Slope	40	B	No Tree Cover	Rock Cover
1273718	9	459106	6993404	-129.8092373	63.06782868	07/08/2012	Chocolate Brown	Sand	Damp	Pronounced Slope	30	B	No Tree Cover	Rock Cover
1272388	9	459197	6993333	-129.8074191	63.06720178	07/08/2012	Dark Brown	Sand	Dry	Subtle Slope	30	C	No Tree Cover	Bare Soil
1272943	9	461451	6991774	-129.7624553	63.05345781	03/08/2012	Grey	Sand	Damp	Pronounced Slope	30	C	No Tree Cover	Rock Cover
1273508	9	460612	6992388	-129.7791952	63.05887778	05/08/2012	Grey	Silt	Damp	Flat	30	C	No Tree Cover	Bare Soil
1273046	9	460113	6993636	-129.7893688	63.07002313	07/08/2012	Chocolate Brown	Silt	Dry	Pronounced Slope	40	B	No Tree Cover	Rock Cover
1273292	9	460034	6993832	-129.7909797	63.07177338	07/08/2012	Dark Grey Black	Gravel	Dry	Steep	50	C	No Tree Cover	Rock Cover
1273590	9	459224	6992817	-129.8067567	63.06257408	07/08/2012	Reddish Yellow	Silt	Damp	Subtle Slope	30	C	No Tree Cover	Bare Soil
1272946	9	461284	6991629	-129.7657238	63.0521387	03/08/2012	Reddish Yellow	Sand	Damp	Subtle Slope	30	C	No Tree Cover	Frost Boil
1272966	9	460533	6991081	-129.7804439	63.04713966	03/08/2012	Grey	Sand	Damp	Pronounced Slope	40	C	No Tree Cover	Rock Cover
1273153	9	459869	6992452	-129.7939076	63.05937053	05/08/2012	Light Brown	Sand	Damp	Subtle Slope	60	C	No Tree Cover	Thin Moss Cover
1273378	9	459813	6993037	-129.7951585	63.06461431	06/08/2012	Grey	Silt	Damp	Subtle Slope	30	B	No Tree Cover	Grass Cover
1272695	9	460394	6991100	-129.7831968	63.047295	04/08/2012	Dark Grey Black	Silt	Damp	Pronounced Slope	70	C	No Tree Cover	Rock Cover
1273311	9	460637	6992268	-129.7786719	63.05780357	04/08/2012	Light Brown	Sand	Damp	Steep	40	C	No Tree Cover	Bare Soil
1273447	9	460134	6992280	-129.7886239	63.05785622	05/08/2012	Chocolate Brown	Sand	Damp	Flat	30	B	No Tree Cover	Rock Cover
1273197	9	459915	6993988	-129.7933728	63.07316021	07/08/2012	Light Brown	Sand	Damp	Pronounced Slope	40	C	No Tree Cover	Rock Cover
1273294	9	459954	6993770	-129.7925477	63.07120813	07/08/2012	Dark Grey Black	Gravel	Dry	Steep	40	C	No Tree Cover	Rock Cover
1272585	9	460539	6991574	-129.7804436	63.05156468	03/08/2012	Bluish Grey	Sand	Damp	Subtle Slope	40	C	No Tree Cover	Bare Soil
1273204	9	460915	6992240	-129.7731665	63.05758241	04/08/2012	Dark Grey Black	Gravel	Damp	Subtle Slope	60	C	No Tree Cover	Rock Cover
1273206	9	460832	6992181	-129.7747941	63.05704395	04/08/2012	Bluish Grey	Gravel	Dry	Pronounced Slope	60	C	No Tree Cover	Rock Cover
1272692	9	460512	6991191	-129.7808855	63.04812455	04/08/2012	Dark Grey Black	Gravel	Damp	Pronounced Slope	40	C	No Tree Cover	Rock Cover
1272991	9	460463	6991765	-129.7819925	63.0532705	04/08/2012	Chocolate Brown	Gravel	Damp	Steep	20	C	No Tree Cover	Rock Cover
1273287	9	459233	6992728	-129.8065565	63.06177638	06/08/2012	Dark Brown	Gravel	Dry	Pronounced Slope	30	C	No Tree Cover	Rock Cover
1273381	9	459691	6992948	-129.7975503	63.06380202	06/08/2012	Dark Brown	Sand	Damp	Subtle Slope	40	C	No Tree Cover	Grass Cover
1273047	9	460073	6993607	-129.7901532	63.06975846	07/08/2012	Dark Brown	Silt	Dry	Steep	40	B	No Tree Cover	Rock Cover
1273588	9	459295	6992900	-129.8053727	63.06332694	07/08/2012	Chocolate Brown	Silt	Dry	Subtle Slope	10	C	No Tree Cover	Rock Cover
1272687	9	460710	6991341	-129.7770063	63.04949224	04/08/2012	Dark Grey Black	Sand	Damp	Pronounced Slope	40	C	No Tree Cover	Rock Cover
1273541	9	460051	6992969	-129.7904333	63.0640304	06/08/2012	Chocolate Brown	Sand	Damp	Flat	50	C	No Tree Cover	Bare Soil
1273719	9	459087	6993385	-129.8096085	63.06765602	07/08/2012	Light Brown	Sand	Damp	Pronounced Slope	30	B	No Tree Cover	Rock Cover
1273434	9	460654	6992667	-129.7784312	63.0613862	05/08/2012	Chocolate Brown	Sand	Dry	Pronounced Slope	40	C	No Tree Cover	Rock Cover
1272486	9	461011	6991690	-129.771128	63.052656	04/08/2012								
1273190	9	459388	6992612	-129.8034616	63.06075278	06/08/2012	Greyish Green	Sand	Damp	Pronounced Slope	30	B	No Tree Cover	Rock Cover
1273603	9	459636	6993530	-129.7987815	63.06901895	07/08/2012	Dark Brown	Gravel	Dry	Pronounced Slope	30	C	No Tree Cover	Rock Cover
1272590	9	460337	6991426	-129.7844025	63.05021441	03/08/2012	Grey	Sand	Damp	Steep	40	C	No Tree Cover	Bare Soil
1272978	9	460973	6992159	-129.772	63.05686174	04/08/2012	Grey	Sand	Damp	Subtle Slope	40	C	No Tree Cover	Frost Boil
1273102	9	461083	6992524	-129.7699108	63.06014924	04/08/2012	Light Brown	Sand	Wet	Subtle Slope	30	B	No Tree Cover	Rock Cover
1273010	9	459655	6991919	-129.7980097	63.05456342	05/08/2012	Chocolate Brown	Silt	Dry	Steep	60	C	No Tree Cover	Bare Soil
1273363	9	459592	6992000	-129.7992756	63.05528332	05/08/2012	Chocolate Brown	Sand	Damp	Subtle Slope	60	C	No Tree Cover	Grass Cover
1273047	9	460073	6993607	-129.7901532	63.06975846	07/08/2012	Dark Brown	Silt	Dry	Steep	40	B	No Tree Cover	Rock Cover
1273759	9	459359	6993149	-129.8041682	63.06556873	07/08/2012	Reddish Yellow	Sand	Damp	Pronounced Slope	30	C	No Tree Cover	Bare Soil
1272957	9	460894	6991348	-129.7733695	63.04957498	03/08/2012	Grey	Gravel	Damp	Pronounced Slope	30	C	No Tree Cover	Rock Cover
1272579	9	460750	6991760	-129.7763154	63.05325685	03/08/2012	Grey	Sand	Damp	Pronounced Slope	50	C	No Tree Cover	Bare Soil
1273057	9	459712	6993338	-129.7972305	63.06730435	07/08/2012	Chocolate Brown	Silt	Dry	Pronounced Slope	40	B	No Tree Cover	Thin Moss Cover
1273766	9	459052	6992971	-129.8101977	63.0639367	07/08/2012	Reddish Yellow	Sand	Damp	Steep	20	C	No Tree Cover	Rock Cover
1273045	9	460153	6993664	-129.7885848	63.07030574	07/08/2012	Dark Brown	Silt	Dry	Pronounced Slope	40	B	No Tree Cover	Rock Cover
1273200	9	459795	6993899	-129.7957257	63.07234818	07/08/2012	Light Brown	Sand	Damp	Pronounced Slope	70	C	No Tree Cover	Bare Soil
1273563	9	460173	6993557	-129.7881623	63.06932077	07/08/2012	Grey	Silt	Damp	Subtle Slope	50	C	No Tree Cover	Bare Soil
1273589	9	459245	6992862	-129.8063524	63.06298029	07/08/2012	Chocolate Brown	Sand	Damp	Pronounced Slope	20	C	No Tree Cover	Rock Cover
1272994	9	460334	6991682	-129.7845236	63.05251152	04/08/2012	Grey	Gravel	Wet	Pronounced Slope	20	C	No Tree Cover	Rock Cover
1273310	9	460675	6992289	-129.7779253	63.05799617	04/08/2012	Light Brown	Sand	Damp	Steep	30	C	No Tree Cover	Bare Soil
1273560	9	459334	6992430	-129.8044847	63.05911339	06/08/2012	Chocolate Brown	Silt	Damp	Subtle Slope	30	C	No Tree Cover	Bare Soil
1273295	9	459914	6993739	-129.7933317	63.07092549	07/08/2012	Dark Grey Black	Gravel	Dry	Steep	40	C	No Tree Cover	Rock Cover
1272786	9	460512	6991693	-129.7810061	63.05262969	03/08/2012	Dark Brown	Gravel	Dry	Steep	40	C	No Tree Cover	Rock Cover
1272673	9	461243	6991730	-129.7665585	63.05304073	04/08/2012	Dark Brown	Sand	Damp	Pronounced Slope	80	C	No Tree Cover	Bare Soil
1273303	9	460954	6992518	-129.7724612	63.0600815	04/08/2012	Chocolate Brown	Gravel	Damp	Steep	30	C	No Tree Cover	Bare Soil
1273421	9	459988	6992054	-129.7914567	63.05581191	05/08/2012	Chocolate Brown	Sand	Damp	Pronounced Slope	30	C	No Tree Cover	Rock Cover
1273611	9	459313	6993291	-129.8051135	63.06683792	07/08/2012	Chocolate Brown	Gravel	Dry	Pronounced Slope	30	B	No Tree Cover	Rock Cover
1273291	9	459095	6993246	-129.8094155	63.0664095	07/08/2012	Chocolate Brown	Silt	Damp	Subtle Slope	30	B	No Tree Cover	Thin Moss Cover
1273764	9	459132	6993031	-129.8086299	63.0644842	07/08/2012	Reddish Yellow	Sand	Damp	Pronounced Slope	30	C	No Tree Cover	Rock Cover
1272954	9	461011	6991438	-129.7710773	63.05039529	03/08/2012	Dark Grey Black	Sand	Damp	Flat	40	C	No Tree Cover	Grass Cover
1272965	9	460572	6991113	-129.7796804	63.04743108	03/08/2012	Grey	Sand	Damp	Pronounced Slope	40	C	No Tree Cover	Rock Cover
1273121	9	460293	6991902	-129.7853876	63.05448139	04/08/2012	Light Brown	Sand	Damp	Subtle Slope	40	C	No Tree Cover	Rock Cover
1273407	9	460591	6992498	-129.7796369	63.05986268	05/08/2012	Chocolate Brown	Sand	Damp	Pronounced Slope	50	C	No Tree Cover	Rock Cover
1273041	9	459494	6992313	-129.801291	63.05808133	06/08/2012	Yellow	Silt	Dry	Subtle Slope	30	C	No Tree Cover	Rock Cover
1273067	9	459315	6993040	-129.8050117	63.06458559	07/08/2012	Chocolate Brown	Sand	Dry	Steep	60	C	No Tree Cover	Bare Soil
1272599	9	460194	6991449	-129.7872358	63.05040513	03/08/2012	Dark Brown	Sand	Damp	Steep	40	C	No Tree Cover	Rock Cover
1272980	9	460895	6992106	-129.7735302	63.05637768	04/08/2012	Grey	Sand	Damp	Pronounced Slope	50	C	No Tree Cover	Rock Cover
1273136	9	460522	6992941	-129.7811083	63.0638308	05/08/2012	Light Brown	Sand	Damp	Pronounced Slope	30	B	No Tree Cover	Thin Moss Cover
1273491	9	460013	6993688	-129.7913602	63.07047876	07/08/2012	Dark Grey Black	Sand	Damp	Pronounced Slope	20	C	No Tree Cover	Bare Soil
1272571	9	461096	6991997	-129.7695288	63.05542113	03/08/2012	Grey	Sand	Damp	Pronounced Slope	40	C	No Tree Cover	Rock Cover
1272590	9	460337	6991426	-129.7844025	63.05021441	03/08/2012	Grey	Sand	Damp	Steep	40	C	No Tree Cover	Bare Soil
1273204	9	460915	6992240	-129.7731665	63.05758241	04/08/2012	Dark Grey Black	Gravel	Damp	Subtle Slope	60	C	No Tree Cover	Rock Cover
1272982	9	460813	6992039	-129.775136	63.05576753	04/08/2012	Chocolate Brown	Sand	Damp	Pronounced Slope	40	C	No Tree Cover	Rock Cover
1272965	9	460572	6991113	-129.7796804	63.04743108	03/08/2012	Grey	Sand	Damp	Pronounced Slope	40	C	No Tree Cover	Rock Cover
1272581	9	460698	6991694	-129.777328	63.0526589	03/08/2012	Grey	Sand	Damp	Pronounced Slope	20	C	No Tree Cover	Bare Soil
1272671	9	461316	6991791	-129.7651292	63.05359597	04/08/2012	Dark Brown	Gravel	Damp	Subtle Slope	30	C	No Tree Cover	Rock Cover
1272992	9	460415	6991746	-129.7829372	63.05309474	04/08/2012	Chocolate Brown	Sand	Wet	Pronounced Slope	40	C	No Tree Cover	Bare Soil
1273198	9	459875	6993958	-129.794157	63.07288655	07/08/2012	Light Brown	Sand	Damp	Pronounced Slope	40	C	No Tree Cover	Rock Cover
1272489	9	460852	6991568	-129.7742525	63.05154481	04/08/2012	Chocolate Brown	Silt	Dry	Steep	40	B	No Tree Cover	Rock Cover
1273258	9	459572	6992110	-129.7996982	63.05626826	05/08/2012	Dark Brown	Gravel	Dry	Pronounced Slope	20	B	No Tree Cover	Rock Cover
1273765	9	459093	6992997	-129.8093931	63.06417467	07/08/2012	Reddish Brown	Sand	Damp	Pronounced Slope	30	C	No Tree Cover	Rock Cover
1272894	9	460396	6991347	-129.7832168	63.04951189	03/08/2012	Dark Grey Black	Sand	Damp	Pronounced Slope	40	B	No Tree Cover	Rock Cover
1272589	9	460376	6991457	-129.7836388	63.05049688	03/08/2012	Bluish Grey	Gravel	Damp	Steep	50	C	No Tree Cover	Rock Cover
1272692	9	460512	6991191	-129.7808855	63.04812455	04/08/2012	Dark Grey Black	Gravel	Damp	Pronounced Slope	40	C	No Tree Cover	Rock Cover
1273386	9	459494	6992800	-129.8014111	63.06245183	06/08/2012	Light Brown	Sand	Damp	Subtle Slope	60	C	No Tree Cover	Thin Moss Cover

1273399	9	459774	6993757	-129.7961065	63.07107149	07/08/2012	Grey	Sand	Dry	Pronounced Slope	40	C	No Tree Cover	Rock Cover
1272697	9	460312	6991041	-129.7848039	63.04675653	04/08/2012	Dark Grey Black	Gravel	Damp	Pronounced Slope	50	C	No Tree Cover	Rock Cover
1273291	9	460073	6993858	-129.7902143	63.07201102	07/08/2012	Dark Grey Black	Gravel	Dry	Steep	40	C	No Tree Cover	Rock Cover
1273618	9	459034	6993079	-129.8105808	63.06490389	07/08/2012	Dark Brown	Gravel	Dry	Steep	30	C	No Tree Cover	Rock Cover
1272949	9	461170	6991556	-129.767961	63.05147136	03/08/2012	Grey	Silt	Damp	Subtle Slope	40	C	No Tree Cover	Rock Cover
1272955	9	460974	6991411	-129.7718026	63.050149	03/08/2012	Dark Grey Black	Sand	Damp	Subtle Slope	40	C	No Tree Cover	Rock Cover
1272668	9	461433	6991879	-129.7628359	63.0543982	04/08/2012	Dark Grey Black	Sand	Damp	Subtle Slope	30	C	No Tree Cover	Rock Cover
1273762	9	459194	6993117	-129.8074247	63.06526299	07/08/2012	Reddish Yellow	Sand	Damp	Pronounced Slope	40	C	No Tree Cover	Rock Cover
1272397	9	458847	6993074	-129.8142792	63.0648378	07/08/2012	Grey	Sand	Dry	Pronounced Slope	50	C	No Tree Cover	Bare Soil
1272689	9	460632	6991283	-129.7785348	63.04896326	04/08/2012	Dark Grey Black	Sand	Damp	Pronounced Slope	50	C	No Tree Cover	Rock Cover
1273440	9	460412	6992488	-129.7831753	63.0597534	05/08/2012	Light Bluish Grey	Gravel	Dry	Steep	60	B	No Tree Cover	Rock Cover
1273190	9	459388	6992612	-129.8034616	63.06075278	06/08/2012	Greyish Green	Sand	Damp	Pronounced Slope	30	B	No Tree Cover	Rock Cover
1272392	9	459053	6993218	-129.8102395	63.06615347	07/08/2012	Chocolate Brown	Silt	Damp	Subtle Slope	30	B	No Tree Cover	Thin Moss Cover
1272788	9	460434	6991632	-129.782534	63.05207374	03/08/2012	Dark Brown	Gravel	Damp	Steep	30	C	No Tree Cover	Rock Cover
1272666	9	461513	6991940	-129.761268	63.05495416	04/08/2012	Dark Brown	Gravel	Damp	Subtle Slope	30	C	No Tree Cover	Rock Cover
1273071	9	459153	6992920	-129.8081869	63.06349042	07/08/2012	Chocolate Brown	Sand	Dry	Steep	20	C	No Tree Cover	Bare Soil
1273562	9	460212	6993588	-129.7873981	63.06960326	07/08/2012	Grey	Silt	Damp	Subtle Slope	40	C	No Tree Cover	Bare Soil
1272895	9	460361	6991306	-129.783899	63.04914011	03/08/2012	Dark Grey Black	Sand	Damp	Pronounced Slope	70	C	No Tree Cover	Rock Cover
1272772	9	461036	6992081	-129.7707354	63.05616853	03/08/2012	Chocolate Brown	Clay	Damp	Subtle Slope	20	C	No Tree Cover	Rock Cover
1273075	9	459043	6992814	-129.8103366	63.06252672	07/08/2012	Chocolate Brown	Sand	Dry	Steep	30	C	No Tree Cover	Rock Cover
1272979	9	460935	6992132	-129.7727452	63.05661534	04/08/2012	Grey	Sand	Damp	Subtle Slope	30	C	No Tree Cover	Rock Cover
1273722	9	458830	6993173	-129.8146403	63.06572432	07/08/2012	Greyish Green	Sand	Damp	Pronounced Slope	30	B	No Tree Cover	Rock Cover
1273622	9	458872	6992959	-129.8137558	63.0638086	07/08/2012	Dark Grey Black	Sand	Dry	Steep	100	C	No Tree Cover	Rock Cover
1273218	9	460293	6991741	-129.7853487	63.05303651	04/08/2012	Dark Blue Black	Gravel	Dry	Pronounced Slope	50	C	No Tree Cover	Rock Cover
1272972	9	461175	6992311	-129.7680406	63.05824757	04/08/2012	Chocolate Brown	Silt	Damp	Subtle Slope	40	B	No Tree Cover	Frost Boil
1272995	9	460294	6991656	-129.7853084	63.0522738	04/08/2012	Chocolate Brown	Sand	Damp	Pronounced Slope	20	C	No Tree Cover	Rock Cover
1272698	9	460973	6992661	-129.7721193	63.06136689	05/08/2012	Chocolate Brown	Gravel	Damp	Pronounced Slope	30	C	No Tree Cover	Rock Cover
1273130	9	459973	6991662	-129.7916579	63.0522923	04/08/2012	Dark Brown	Sand	Damp	Pronounced Slope	40	C	No Tree Cover	Rock Cover
1272981	9	460855	6992072	-129.7743132	63.05066823	04/08/2012	Chocolate Brown	Sand	Damp	Pronounced Slope	40	C	No Tree Cover	Rock Cover
1273163	9	459456	6992194	-129.8020133	63.05700913	05/08/2012	Light Brown	Sand	Damp	Subtle Slope	30	B	No Tree Cover	Thin Moss Cover
1272784	9	460594	6991751	-129.7793984	63.05315914	03/08/2012	Dark Blue Black	Gravel	Dry	Pronounced Slope	40	C	No Tree Cover	Rock Cover
1272670	9	461352	6991818	-129.7644235	63.05384213	04/08/2012	Grey	Silt	Damp	Subtle Slope	30	C	No Tree Cover	Rock Cover
1272697	9	460312	6991041	-129.7848039	63.04675653	04/08/2012	Dark Grey Black	Gravel	Damp	Pronounced Slope	50	C	No Tree Cover	Rock Cover
1273721	9	458793	6993147	-129.8153658	63.06548678	07/08/2012	Greyish Green	Sand	Damp	Pronounced Slope	40	C	No Tree Cover	Bare Soil
1273587	9	459332	6992931	-129.8046484	63.0636093	07/08/2012	Dark Grey Black	Silt	Damp	Subtle Slope	70	C	No Tree Cover	Bare Soil
1273291	9	459095	6993246	-129.8094155	63.0664095	07/08/2012	Chocolate Brown	Silt	Damp	Subtle Slope	30	B	No Tree Cover	Thin Moss Cover
1272770	9	461112	6992139	-129.769246	63.05669721	03/08/2012	Chocolate Brown	Clay	Damp	Subtle Slope	30	C	No Tree Cover	Rock Cover
1272941	9	461532	6991832	-129.760867	63.05398694	03/08/2012	Chocolate Brown	Gravel	Damp	Subtle Slope	20	C	No Tree Cover	Rock Cover
1272591	9	460295	6991397	-129.785226	63.04994955	03/08/2012	Grey	Sand	Damp	Steep	20	C	No Tree Cover	Rock Cover
1272785	9	460554	6991721	-129.7801823	63.05288555	03/08/2012	Dark Brown	Gravel	Dry	Pronounced Slope	40	C	No Tree Cover	Rock Cover
1273199	9	459834	6993928	-129.7949611	63.07261277	07/08/2012	Light Brown	Sand	Damp	Pronounced Slope	30	B	No Tree Cover	Rock Cover
1272592	9	460254	6991368	-129.7860298	63.04968479	03/08/2012	Grey	Gravel	Damp	Steep	30	C	Old Burn	Rock Cover
1273111	9	460732	6992242	-129.7767866	63.05758056	04/08/2012	Light Brown	Sand	Damp	Subtle Slope	30	B	No Tree Cover	Rock Cover
1273290	9	459114	6992639	-129.8088884	63.06096424	06/08/2012	Reddish Brown	Gravel	Dry	Steep	30	C	No Tree Cover	Rock Cover
1272961	9	460732	6991232	-129.7765452	63.04851642	03/08/2012	Dark Grey Black	Sand	Damp	Pronounced Slope	50	C	No Tree Cover	Rock Cover
1272476	9	461412	6991988	-129.763275	63.055376	04/08/2012								
1273130	9	459973	6991662	-129.7916579	63.0522923	04/08/2012	Dark Brown	Sand	Damp	Pronounced Slope	40	C	No Tree Cover	Rock Cover
1272996	9	460255	6991618	-129.7860705	63.0519285	04/08/2012	Chocolate Brown	Sand	Damp	Pronounced Slope	30	C	No Tree Cover	Rock Cover
1273617	9	459074	6993109	-129.8097969	63.06517764	07/08/2012	Chocolate Brown	Gravel	Dry	Pronounced Slope	30	B	No Tree Cover	Rock Cover
1273593	9	459092	6992751	-129.8093515	63.06196688	07/08/2012	Chocolate Brown	Silt	Damp	Pronounced Slope	30	C	No Tree Cover	Rock Cover
1272800	9	461034	6992332	-129.7708345	63.05842089	04/08/2012	Chocolate Brown	Gravel	Damp	Subtle Slope	40	C	No Tree Cover	Rock Cover
1272871	9	461394	6992097	-129.763585	63.05635047	03/08/2012	Dark Brown	Sand	Damp	Subtle Slope	50	C	No Tree Cover	Rock Cover
1272588	9	460417	6991486	-129.782835	63.05076162	03/08/2012	Grey	Gravel	Damp	Steep	30	C	No Tree Cover	Bare Soil
1273725	9	458922	6993230	-129.8128344	63.06624631	07/08/2012	Greyish Green	Sand	Damp	Pronounced Slope	30	B	No Tree Cover	Rock Cover
1273621	9	458913	6992988	-129.8129519	63.06407351	07/08/2012	Dark Brown	Gravel	Dry	Steep	30	C	No Tree Cover	Rock Cover
1273066	9	459352	6993069	-129.8042869	63.06485	07/08/2012	Dark Brown	Silt	Dry	Pronounced Slope	30	B	No Tree Cover	Grass Cover
1273072	9	459116	6992889	-129.8089111	63.06320804	07/08/2012	Chocolate Brown	Sand	Dry	Steep	30	C	No Tree Cover	Bare Soil
1272768	9	461195	6992200	-129.767188	63.05725356	03/08/2012	Chocolate Brown	Clay	Damp	Subtle Slope	30	C	No Tree Cover	Rock Cover
1272940	9	461573	6991860	-129.7600626	63.05424257	03/08/2012	Grey	Sand	Damp	Subtle Slope	60	C	No Tree Cover	Rock Cover
1273713	9	459306	6993560	-129.8053187	63.06925122	07/08/2012	Greyish Green	Sand	Damp	Pronounced Slope	50	C	No Tree Cover	Rock Cover
1273768	9	458973	6992911	-129.8117456	63.0633893	07/08/2012	Reddish Brown	Sand	Damp	Pronounced Slope	30	C	No Tree Cover	Rock Cover
1272876	9	461234	6991979	-129.7667952	63.05527439	03/08/2012	Dark Brown	Sand	Wet	Subtle Slope	20	B	No Tree Cover	Grass Cover
1272896	9	460320	6991284	-129.7847044	63.04893818	03/08/2012	Dark Grey Black	Sand	Damp	Pronounced Slope	40	B	No Tree Cover	Rock Cover
1272790	9	460354	6991570	-129.7841011	63.05150858	03/08/2012	Dark Brown	Gravel	Dry	Steep	50	C	No Tree Cover	Rock Cover
1273426	9	460374	6991208	-129.7836183	63.04826204	04/08/2012	Chocolate Brown	Silt	Dry	Steep	40	B	No Tree Cover	Rock Cover
1273131	9	459934	6991624	-129.7924199	63.05194697	04/08/2012	Dark Brown	Sand	Damp	Pronounced Slope	30	B	No Tree Cover	Rock Cover
1272667	9	461473	6991907	-129.7620514	63.05465375	04/08/2012	Dark Grey Black	Sand	Damp	Subtle Slope	30	C	No Tree Cover	Rock Cover
1272696	9	460354	6991070	-129.7839805	63.04702139	04/08/2012	Dark Grey Black	Sand	Damp	Pronounced Slope	60	C	No Tree Cover	Rock Cover
1272976	9	461055	6992220	-129.7703926	63.05741801	04/08/2012	Chocolate Brown	Sand	Damp	Subtle Slope	40	C	No Tree Cover	Frost Boil
1273724	9	458922	6993230	-129.8128344	63.06624631	07/08/2012	Greyish Green	Sand	Damp	Pronounced Slope	30	B	No Tree Cover	Rock Cover
1272993	9	459013	6993189	-129.8110237	63.06588868	07/08/2012	Grey	Sand	Damp	Subtle Slope	30	C	No Tree Cover	Rock Cover
1272394	9	458974	6993160	-129.8117881	63.06562401	07/08/2012	Grey	Sand	Damp	Subtle Slope	40	C	No Tree Cover	Bare Soil
1272474	9	461453	6992018	-129.762465	63.055649	04/08/2012								
1273594	9	459055	6992719	-129.8100755	63.06167551	07/08/2012	Chocolate Brown	Silt	Damp	Subtle Slope	20	B	No Tree Cover	Rock Cover
1272791	9	460315	6991540	-129.7848651	63.05123507	03/08/2012	Chocolate Brown	Gravel	Dry	Steep	50	C	No Tree Cover	Rock Cover
1272896	9	460320	6991284	-129.7847044	63.04893818	03/08/2012	Dark Grey Black	Sand	Damp	Pronounced Slope	40	B	No Tree Cover	Rock Cover
1273110	9	460776	6992262	-129.7759211	63.05776481	04/08/2012	Dark Brown	Sand	Damp	Subtle Slope	40	B	No Tree Cover	Rock Cover
1273592	9	459130	6992782	-129.8086075	63.06224937	07/08/2012	Chocolate Brown	Silt	Damp	Subtle Slope	30	C	No Tree Cover	Rock Cover
1272873	9	461313	6992040	-129.7652471	63.05583028	03/08/2012	Dark Brown	Sand	Wet	Subtle Slope	40	B	No Tree Cover	Rock Cover
1272766	9	461274	6992259	-129.7660701	63.05779151	03/08/2012	Dark Brown	Gravel	Dry	Subtle Slope	20	C	No Tree Cover	Rock Cover
1272789	9	460395	6991600	-129.7832975	63.0517823	03/08/2012	Dark Brown	Gravel	Dry	Steep	60	C	No Tree Cover	Rock Cover
1272947	9	461253	6991619	-129.7663345	63.05204564	03/08/2012	Dark Grey Black	Sand	Damp	Flat	30	C	No Tree Cover	Thin Moss Cover
1272587	9	460454	6991526	-129.782113	63.05112464	03/08/2012	Bluish Grey	Sand	Damp	Steep	30	C	No Tree Cover	Bare Soil
1272973	9	461127	6992286	-129.7689841	63.05801806	04/08/2012	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	No Tree Cover	Rock Cover
1273302	9	461033	6992577	-129.7709125	63.0606195</									

1273616	9	459128	6993110	-129.8087288	63.06519272	07/08/2012	Dark Brown	Clay	Damp	Pronounced Slope	40	B	No Tree Cover	Rock Cover
1272956	9	460936	6991382	-129.7725471	63.04988464	03/08/2012	Dark Grey Black	Sand	Damp	Pronounced Slope	40	C	No Tree Cover	Frost Boil
1272565	9	461335	6992179	-129.7648447	63.05708007	03/08/2012	Grey	Gravel	Damp	Subtle Slope	30	C	No Tree Cover	Rock Cover
1273225	9	460073	6991611	-129.7896679	63.05184565	04/08/2012	Chocolate Brown	Gravel	Dry	Pronounced Slope	30	C	No Tree Cover	Rock Cover
1273728	9	459057	6993301	-129.8101811	63.06689879	07/08/2012	Light Brown	Sand	Damp	Subtle Slope	30	B	No Tree Cover	Rock Cover
1272389	9	459173	6993309	-129.8078879	63.06698369	07/08/2012	Chocolate Brown	Sand	Damp	Flat	30	C	No Tree Cover	Thin Moss Cover
1272395	9	458931	6993132	-129.8126318	63.06536785	07/08/2012	Grey	Gravel	Dry	Steep	40	C	No Tree Cover	Bare Soil
1273613	9	459234	6993229	-129.8066611	63.06627262	07/08/2012	Chocolate Brown	Gravel	Dry	Pronounced Slope	30	C	No Tree Cover	Bare Soil
1273720	9	458753	6993120	-129.8161504	63.06523992	07/08/2012	Greyish Green	Sand	Damp	Pronounced Slope	30	B	No Tree Cover	Rock Cover
1272396	9	458896	6993100	-129.8133162	63.0650767	07/08/2012	Grey	Sand	Damp	Pronounced Slope	30	C	No Tree Cover	Bare Soil
1272897	9	460276	6991255	-129.7855674	63.0486731	03/08/2012	Dark Grey Black	Sand	Damp	Pronounced Slope	40	B	No Tree Cover	Rock Cover
1272584	9	460577	6991601	-129.7796986	63.05181113	03/08/2012	Bluish Grey	Sand	Damp	Steep	30	C	No Tree Cover	Bare Soil
1272798	9	461113	6992391	-129.7692859	63.05895887	04/08/2012	Dark Grey Black	Gravel	Dry	Flat	50	C	No Tree Cover	Rock Cover
1273222	9	460115	6991639	-129.7888441	63.05210156	04/08/2012	Chocolate Brown	Gravel	Damp	Steep	30	C	No Tree Cover	Rock Cover
1272974	9	461095	6992249	-129.7696083	63.05768257	04/08/2012	Light Brown	Silt	Damp	Subtle Slope	40	B	No Tree Cover	Frost Boil
1273408	9	460551	6992468	-129.780421	63.05958909	05/08/2012	Light Brown	Sand	Damp	Pronounced Slope	70	C	No Tree Cover	Rock Cover
1272398	9	458814	6993040	-129.8149235	63.06452892	07/08/2012	Bluish Grey	Sand	Damp	Steep	40	C	No Tree Cover	Rock Cover
1272874	9	461272	6992012	-129.7660514	63.05557461	03/08/2012	Dark Brown	Sand	Wet	Subtle Slope	30	B	No Tree Cover	Rock Cover
1272944	9	461421	6991742	-129.7630411	63.05316743	03/08/2012	Chocolate Brown	Sand	Damp	Subtle Slope	30	C	No Tree Cover	Rock Cover
1272477	9	461373	6991958	-129.764047	63.055104	04/08/2012								
1273123	9	460180	6991814	-129.7876011	63.05367923	04/08/2012	Greyish Green	Sand	Damp	Subtle Slope	20	B	No Tree Cover	Rock Cover
1272799	9	461075	6992360	-129.7700302	63.05867658	04/08/2012	Chocolate Brown	Gravel	Damp	Subtle Slope	40	C	No Tree Cover	Rock Cover
1272787	9	460475	6991661	-129.7817302	63.05233847	03/08/2012	Dark Brown	Gravel	Dry	Steep	50	C	No Tree Cover	Rock Cover
1272594	9	460173	6991310	-129.7876174	63.04915538	03/08/2012	Grey	Sand	Wet	Steep	40	C	No Tree Cover	Bare Soil
1273073	9	459086	6992840	-129.8094924	63.06276491	07/08/2012	Chocolate Brown	Sand	Dry	Steep	30	C	No Tree Cover	Bare Soil
1272669	9	461393	6991847	-129.7636195	63.05410676	04/08/2012	Dark Grey Black	Silt	Damp	Subtle Slope	30	C	No Tree Cover	Rock Cover
1273227	9	459954	6991520	-129.791999	63.05101584	04/08/2012	Chocolate Brown	Gravel	Dry	Steep	60	C	No Tree Cover	Rock Cover
1272997	9	460215	6991588	-129.7868542	63.05165487	04/08/2012	Chocolate Brown	Sand	Damp	Pronounced Slope	30	C	No Tree Cover	Rock Cover
1273726	9	458954	6993249	-129.812206	63.06642045	07/08/2012	Greyish Green	Sand	Damp	Pronounced Slope	30	B	No Tree Cover	Rock Cover
1272569	9	461176	6992057	-129.7679608	63.05596818	03/08/2012	Grey	Sand	Damp	Subtle Slope	40	C	No Tree Cover	Bare Soil
1273221	9	460154	6991671	-129.7880806	63.05239304	04/08/2012	Chocolate Brown	Gravel	Damp	Pronounced Slope	50	C	No Tree Cover	Rock Cover
1273224	9	460073	6991611	-129.7896679	63.05184565	04/08/2012	Chocolate Brown	Gravel	Dry	Pronounced Slope	30	C	No Tree Cover	Rock Cover
1273076	9	459005	6992794	-129.8110833	63.06234293	07/08/2012	Chocolate Brown	Silt	Dry	Steep	20	B	No Tree Cover	Bare Soil
1272793	9	460175	6991560	-129.7876384	63.05139919	03/08/2012	Chocolate Brown	Clay	Dry	Steep	70	C	No Tree Cover	Rock Cover
1272797	9	461153	6992419	-129.7685013	63.05921445	04/08/2012	Chocolate Brown	Clay	Dry	Flat	50	C	No Tree Cover	Rock Cover
1272792	9	460273	6991511	-129.7856886	63.05097021	03/08/2012	Chocolate Brown	Gravel	Dry	Steep	70	C	No Tree Cover	Rock Cover
1272595	9	460133	6991279	-129.7884008	63.04887277	03/08/2012	Bluish Grey	Gravel	Damp	Steep	30	C	No Tree Cover	Rock Cover
1272598	9	460154	6991419	-129.7880195	63.0501315	03/08/2012	Grey	Sand	Damp	Steep	30	C	No Tree Cover	Rock Cover
1272898	9	460233	6991230	-129.7864116	63.04844402	03/08/2012	Dark Brown	Sand	Damp	Pronounced Slope	50	B	No Tree Cover	Rock Cover
1272479	9	461293	6991896	-129.765603	63.054538	04/08/2012								
1273711	9	459394	6993599	-129.803587	63.0696111	07/08/2012	Greyish Green	Sand	Damp	Pronounced Slope	40	B	No Tree Cover	Rock Cover
1273723	9	458851	6993224	-129.8142376	63.0661844	07/08/2012	Grey	Sand	Damp	Pronounced Slope	40	B	No Tree Cover	Rock Cover
1272795	9	460094	6991501	-129.7892259	63.05086079	03/08/2012	Dark Blue Black	Gravel	Dry	Steep	40	C	No Tree Cover	Rock Cover
1272586	9	460497	6991546	-129.7812674	63.05130882	03/08/2012	Bluish Grey	Gravel	Damp	Pronounced Slope	40	C	No Tree Cover	Bare Soil
1273185	9	459594	6992750	-129.7994206	63.06201429	06/08/2012	Reddish Yellow	Sand	Damp	Subtle Slope	50	C	No Tree Cover	Thin Moss Cover
1273619	9	458994	6993050	-129.8113649	63.0646391	07/08/2012	Chocolate Brown	Gravel	Dry	Steep	40	C	No Tree Cover	Bare Soil
1272796	9	460054	6991472	-129.7900099	63.05059612	03/08/2012	Chocolate Brown	Clay	Dry	Steep	40	C	No Tree Cover	Rock Cover
1273428	9	460296	6991149	-129.7851464	63.04772401	04/08/2012	Chocolate Brown	Silt	Dry	Steep	40	B	No Tree Cover	Rock Cover
1272583	9	460619	6991632	-129.7788755	63.05209391	03/08/2012	Grey	Sand	Damp	Steep	40	C	No Tree Cover	Bare Soil
1273529	9	459816	6991791	-129.7947942	63.05343261	05/08/2012	Chocolate Brown	Silt	Damp	Subtle Slope	30	C	No Tree Cover	Bare Soil
1272900	9	460253	6991122	-129.7859901	63.04747698	03/08/2012	Dark Brown	Sand	Damp	Pronounced Slope	40	C	No Tree Cover	Rock Cover
1272875	9	461272	6992012	-129.7660514	63.05557461	03/08/2012	Dark Brown	Sand	Wet	Subtle Slope	30	B	No Tree Cover	Rock Cover
1272771	9	461076	6992110	-129.7699512	63.05643309	03/08/2012	Dark Brown	Gravel	Damp	Subtle Slope	30	C	No Tree Cover	Rock Cover
1272582	9	460657	6991662	-129.7781312	63.05236727	03/08/2012	Grey	Sand	Damp	Pronounced Slope	20	C	No Tree Cover	Bare Soil
1272478	9	461334	6991929	-129.764801	63.054836	04/08/2012								
1273126	9	460134	6991781	-129.7885028	63.05337802	04/08/2012	Greyish Green	Sand	Damp	Pronounced Slope	30	B	No Tree Cover	Rock Cover
1273129	9	460035	6991680	-129.7904362	63.05246069	04/08/2012	Greyish Green	Sand	Damp	Pronounced Slope	40	C	No Tree Cover	Rock Cover
1273132	9	459894	6991600	-129.793205	63.05172715	04/08/2012	Dark Brown	Sand	Damp	Pronounced Slope	40	C	No Tree Cover	Rock Cover
1272998	9	460015	6991441	-129.7907735	63.05031361	04/08/2012	Chocolate Brown	Sand	Damp	Pronounced Slope	40	C	No Tree Cover	Rock Cover
1273352	9	460045	6992296	-129.7903882	63.05799	05/08/2012	Chocolate Brown	Sand	Damp	Subtle Slope	30	C	No Tree Cover	Bare Soil
1273037	9	459655	6992421	-129.798133	63.05906854	06/08/2012	Chocolate Brown	Gravel	Damp	Pronounced Slope	20	B	No Tree Cover	Rock Cover
1272771	9	461076	6992110	-129.7699512	63.05643309	03/08/2012	Dark Brown	Gravel	Damp	Subtle Slope	30	C	No Tree Cover	Rock Cover
1272767	9	461237	6992230	-129.7667951	63.05752729	03/08/2012	Dark Brown	Gravel	Dry	Subtle Slope	20	C	No Tree Cover	Rock Cover
1272688	9	460669	6991315	-129.7778108	63.04925446	04/08/2012	Dark Grey Black	Silt	Damp	Flat	20	B	No Tree Cover	Bare Soil
1272794	9	460133	6991532	-129.7884622	63.05114329	03/08/2012	Chocolate Brown	Clay	Dry	Steep	60	C	No Tree Cover	Rock Cover
1273123	9	460180	6991814	-129.7876011	63.05367923	04/08/2012	Greyish Green	Sand	Damp	Subtle Slope	20	B	No Tree Cover	Rock Cover
1273223	9	460034	6991582	-129.7904321	63.05158109	04/08/2012	Chocolate Brown	Gravel	Dry	Pronounced Slope	30	C	No Tree Cover	Rock Cover
1272567	9	461256	6992119	-129.7663931	63.05653316	03/08/2012	Grey	Gravel	Damp	Subtle Slope	40	C	No Tree Cover	Rock Cover
1272477	9	461373	6991958	-129.764047	63.055104	04/08/2012								
1272597	9	460114	6991389	-129.7888032	63.04985786	03/08/2012	Light Bluish Grey	Sand	Dry	Pronounced Slope	60	C	No Tree Cover	Bare Soil
1273220	9	460193	6991699	-129.7873162	63.05264861	04/08/2012	Dark Grey Black	Gravel	Damp	Subtle Slope	40	C	No Tree Cover	Rock Cover
1273226	9	459994	6991551	-129.7912156	63.05129847	04/08/2012	Light Brown	Gravel	Dry	Steep	50	C	No Tree Cover	Rock Cover





I, Robin Sudo
Land Manager/Ryan Gold Corp.
of #600 - 666 Burrard St., Vancouver, B.C. V6C 2X8
Phone 250-421-0939
Client I.D. Number: 4000351
make oath and say that:

Office Date Stamp

1. I am the owner, or agent of the owner, of the mineral claim(s) to which reference is made herein.
2. I have done, or caused to be done, work, on the following mineral claim(s): (Here list claims on which work was actually done by number and name)

See attached Schedule A

MACEAST Property

situated at Ross River Area Claim sheet No. 105P04

in the Watson Lake Mining District, to the value of at least \$32,000 dollars,

since the 3rd day of August to the 7th day of August 20 12,

to represent the following mineral claims under the authority of Grouping Certificate No. _____
(Here list claims to be renewed in numerical order, by grant number and claim name, showing renewal period requested).

See attached Schedule B

3. The following is a detailed statement of such work: (Set out full particulars of the work done indicating dates work commenced and ended in the twelve months in which such work is required to be done as shown by Section 56).

See attached Schedule C

***** REPORT TO FOLLOW *****

Sworn before me at

Cranbrook BC this 17 day of

January 20 13

Notary Public

Owner or Authorized Agent

RECEIVED
DONALD PACE
Barrister & Solicitor
2nd Floor, 6 - 10th Ave. S.
Cranbrook BC V1C 2H6
Access to Information and Protection of Privacy Act

RYAN GOLD CORP.

SCHEDULE A

MACEAST CLAIMS

Watson Lake MD

Claims work was performed on:

GRANT #	CLAIM NAME & #	OWNER_NAME
YD130921	MACEAST 1	RYAN GOLD CORP. - 100%
YD130922	MACEAST 2	RYAN GOLD CORP. - 100%
YD130923	MACEAST 3	RYAN GOLD CORP. - 100%
YD130924	MACEAST 4	RYAN GOLD CORP. - 100%
YD130925	MACEAST 5	RYAN GOLD CORP. - 100%
YD130926	MACEAST 6	RYAN GOLD CORP. - 100%
YD130927	MACEAST 7	RYAN GOLD CORP. - 100%
YD130928	MACEAST 8	RYAN GOLD CORP. - 100%
YD130937	MACEAST 17	RYAN GOLD CORP. - 100%
YD130938	MACEAST 18	RYAN GOLD CORP. - 100%
YD130939	MACEAST 19	RYAN GOLD CORP. - 100%
YD130940	MACEAST 20	RYAN GOLD CORP. - 100%
YD130941	MACEAST 21	RYAN GOLD CORP. - 100%
YD130942	MACEAST 22	RYAN GOLD CORP. - 100%
YD130943	MACEAST 23	RYAN GOLD CORP. - 100%
YD130944	MACEAST 24	RYAN GOLD CORP. - 100%
YD130953	MACEAST 33	RYAN GOLD CORP. - 100%
YD130954	MACEAST 34	RYAN GOLD CORP. - 100%
YD130955	MACEAST 35	RYAN GOLD CORP. - 100%
YD130956	MACEAST 36	RYAN GOLD CORP. - 100%
YD130957	MACEAST 37	RYAN GOLD CORP. - 100%
YD130958	MACEAST 38	RYAN GOLD CORP. - 100%
YD130959	MACEAST 39	RYAN GOLD CORP. - 100%
YD130960	MACEAST 40	RYAN GOLD CORP. - 100%
YD130969	MACEAST 49	RYAN GOLD CORP. - 100%
YD130971	MACEAST 51	RYAN GOLD CORP. - 100%
YD130973	MACEAST 53	RYAN GOLD CORP. - 100%
YD130975	MACEAST 55	RYAN GOLD CORP. - 100%

SCHEDULE B
MACEAST CLAIMS

Claims to be renewed:

Grant #	Claim Name & #	Owner	Claim ExpiryDate	# of Units	# of Years Applied	\$100 per Year	\$5 Fee per Year	New Expiry Date
YD130921 - YD130940	Maceast 1 - 20	Ryan Gold Corp.	April 18, 2015	20	4	\$8,000.00	\$400.00	April 18, 2019
YD130941 - YD131000	Maceast 21 - 80	Ryan Gold Corp.	April 18, 2014	60	4	\$24,000.00	\$1,200.00	April 18, 2018
80						\$32,000.00	\$1,600.00	
						Work \$ Needed	Fees	

CERTIFICATE OF WORK

Schedule C - SOIL SAMPLING PROGRAM

MACEAST Claims

SOIL SAMPLING PROGRAM:

a total of 28 man days were required for Ground Truth crews to collect 863 soils samples on the MACEAST project between Aug. 3 to 7/12

Description			Rate	Unit	Total
WAGES:					
Soil Samplers	per day		\$ 350.00	23	\$ 8,050.00
Project Forman	per day		\$ 400.00	5	\$ 2,000.00
Soil Samplers	per day		\$ 250.00		\$ -
Travel Rate: Soil Sampler- Demob	per day		\$ 250.00	6	\$ 1,500.00
Packing & Prep	per day		\$ 250.00	2	\$ 500.00
Stat Holiday	per day		\$ 250.00		\$ -
DATA MANAGEMENT & PROCESSING SERVICES:					
GIS/Job Layout/Mapping/Results Plotting	per hour		\$ 75.00	2	\$ 150.00
Data Processing: In the field	per hour		\$ 60.00	5	\$ 300.00
Database Management/Chain of Custody, Barcoded Samples	\$0.50/sample		\$ 0.50	863	\$ 431.50
Georeferenced In situ Sample & Sample Site Photos	per sample		\$ 1.00	863	\$ 863.00
QA/QC Standard & Blank Material & Standardized Insertion	per sample		\$ 0.20	863	\$ 172.60
CONSUMABLE SAMPLING SUPPLIES:					
Flagging, Metal ID Tags, Sample Bags, Ore Bags, Rice Bags, etc.	per sample		\$ 1.00	863	\$ 863.00
EQUIPMENT RENTAL (per unit, per day):					
Truck Rental: Fuel Extra	per day		\$ 150.00	6	\$ 900.00
Fuel	per km		\$ 0.40	700	\$ 280.00
Flat Deck Trailer: 10,000 lbs., 20 ft.	per day		\$ 100.00	6	\$ 600.00
Chainsaw drop kit: 1 per helicopter load, or as required	per day		\$ 35.00	5	\$ 175.00
Iridium Satellite Phone: 1 per crew, charge 10 min/day	per day&min		\$ 35.00	5	\$ 175.00
Radio: ICOM Handheld: 1 per person	per day		\$ 5.00	28	\$ 140.00
Computer/Software: 1 per camp nightly data download	per day		\$ 50.00	5	\$ 250.00
Handheld GPS/Barcode Scanner/Camera/Data Recorder	per day		\$ 15.00	28	\$ 420.00
Camp Satellite Internet	per day		\$ 20.00	0	\$ -
ACCOMODATION and FOOD:					
Remote Camp Fee: full fly camp/kitchen/generator (10 men)	per man day		\$ 35.00	28	\$ 980.00
Dawson Accomodation Fee: Samplers based in Dawson	per man day		\$ 35.00		\$ -
Food - 91 field days and 15 travel days	per man day		\$ 50.00	34	\$ 1,700.00
Pilot Room @ Burwash Landing (June 14-July 18)					
Campsite rental @ Burwash Resort (June 23-July18 - 5 men&Equip)					
EXPEDITING:					
					\$ 240.00
AIR SUPPORT:					
Trans North Helicopter, Whitehorse, YK- 14.4 hrs + FUEL	per hour+FUEL		\$ 990.00	14.4	\$ 16,472.16
ANALYTICAL ANALYSIS COSTS:					
Acme Laboratories, Vancouver, B.C./SOILS	per sample		\$ 21.00	863	\$ 18,123.00
REPORT WRITING:					\$ 1,000.00

SOIL SAMPLING PROGRAM = \$ 56,285.26

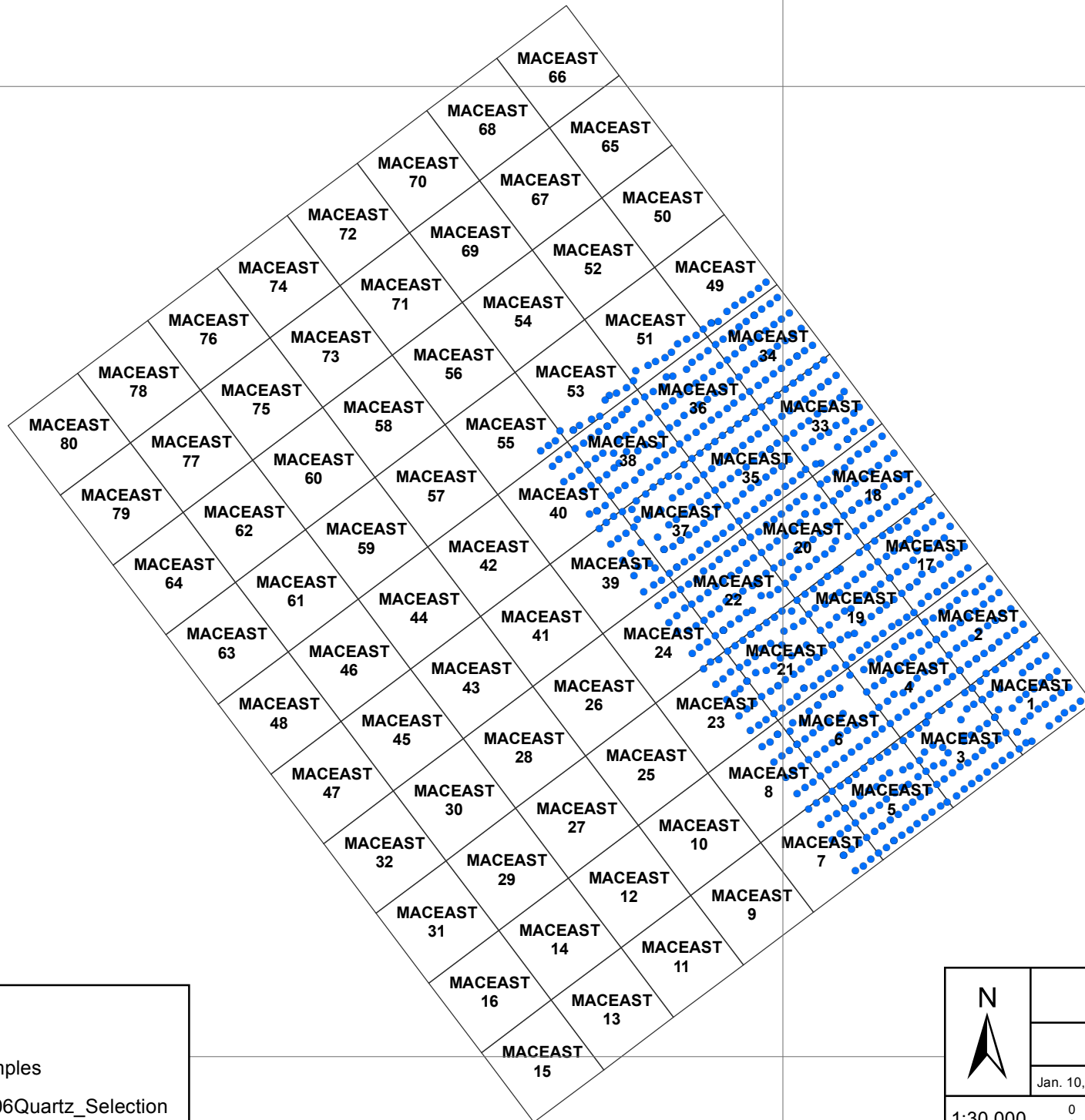
\$56,285.26

DIVIDED BY 863 SAMPLES = \$ 65.22

COST PER SAMPLE

6995000

6995000



Legend

- Soil Samples
- 20120806Quartz_Selection

**RYAN GOLD** CORP.

MacEast Claim Work

Jan. 10, 2013 | WGS84_UTM_Zn9 | By: C.W.

1:30,000

0 250 500 1,000 Meters

460000

460000

6990000

6990000